

Sylvan Seeds, a database and shiny app to explore the seed germination ecology of the temperate broadleaf and mixed forest biome

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Running title: Sylvan Seeds, a forest germination database

Abstract

Motivation Recent discussion on the utility of seed traits in ecology has highlighted the unavailability of reliable germination databases of wide geographical scope. This data paper presents a first global dataset of raw germination data, encompassing an ecologically and biogeographically coherent unit: the Temperate Broadleaf and Mixed Forests biome as defined by the World Wildlife Fund. Data has been gathered using a meta-analytical approach to search the literature.

Main types of variable contained Proportion of seeds germinated in different experimental combinations of scarification, stratification, light or darkness, constant or alternating germination temperatures.

Spatial location and grain Seed lots collected across the biome and beyond, provided with approximate geographical coordinates in decimal degrees.

Time period and grain Seed lots collected between 1920 and today.

Major taxa and level of measurement 326 frequent species of the biome, representing 74 families of seed plants (gymnosperms and angiosperms).

Software format The database is provided as a single csv file. A shiny web app, Sylvan Seeds, has been written to explore the database and make it accessible to the wide public.

Keywords: temperate deciduous forests, temperate evergreen forests, temperate coniferous forests, seed traits, germination database, seed dormancy, germination temperature, alternating temperatures, light germination, dark germination

Introduction

Recent discussion on the utility of seed traits in ecology has highlighted the unavailability of reliable germination databases of wide geographical scope (Jiménez-Alfaro, Silveira, Fidelis, Poschlod, & Commander, 2016; Saatkamp et al., 2019). Germination is a complex transition of plant life which is driven by a combination of environmental signals. Amongst these are temperature (Fernández-Pascual, Mattana, & Pritchard, 2019), diurnal temperature alternation (Thompson, Mason, & Grime, 1977), light (Carta, Skourti, Mattana, Vandeloos, & Thanos, 2017) and seed dormancy inductors and relievers (Finch-Savage & Leubner-Metzger, 2006). All these

signals interact to produce a coarse- and fine-scale regulation of germination timing, integrating inputs from both seasonal climatic cycles (Jurado & Flores, 2005) and local environmental gradients (Fernández-Pascual, Pérez-Arcoiza, Prieto, & Díaz, 2017). The practical consequence of this is that the response of seeds to - for example - light will depend on other conditions set by the experimenter. This makes it difficult to summarise germination “traits” into a single value in a way comparable to seed mass, specific leaf area or plant height (Pérez-Harguindeguy et al., 2013). Another complication of germination “traits” is that they are most frequently reported as a proportion, i.e. a number of seeds germinated out of seeds sown, which implies a set of derived complications in the analytical treatment of the data (Stijnen, Hamza, & Özdemir, 2010). These technical considerations may explain the scarcity of global germination databases. Germination compilations with a biogeographical background, of which the prime example today is the cornerstone book of C. C. Baskin and Baskin (2014), only provide summary information, for instance the interpreted optimal germination temperature instead of the proportion of seeds germinated at this and that temperature.

For this reason, this data paper compiles a first global dataset of raw germination data for an ecologically and biogeographically coherent unit: the Temperate Broadleaf and Mixed Forests biome as defined by the World Wildlife Fund classification of terrestrial ecoregions (Olson et al., 2001). This biome was chosen because it is the home of many of the classical research groups in seed ecology, and therefore it can be expected to provide the widest scope of available data. As a methodology to gather data, a meta-analytical approach (Koricheva, Gurevitch, & Mengersen, 2013) was taken to search the literature for a list of frequent species representing the flora of the biome. The database is made accessible both as the full file and as a shiny web app (Sylvan Seeds) developed to explore the data.

Methods

Species list

A list of species for which to search germination data was created using vegetation relevés. These relevés were provided by sPlot (Bruehlheide et al., 2019), specifically by sPlot’s project #12. They had been recorded in 17 ecoregions of the Temperate Broadleaf and Mixed Forests biome (Appalachian mixed mesophytic forests, Atlantic mixed forests, Cantabrian mixed forests, Caspian Hyrcanian mixed forests, Central Korean deciduous forests, Dinaric Mountains mixed forests, Euxine-Colchic broadleaf forests, Hokkaido deciduous forests, Manchurian mixed forests, Nihonkai evergreen forests, Nihonkai montane deciduous forests, Pindus Mountains mixed forests, Southeastern mixed forests, Taiheiyo evergreen forests, Taiheiyo montane

deciduous forests, Western European broadleaf forests, Western Great Lakes forests), plus three neighbouring ecoregions of the Temperate Coniferous Forest biome (Cascade Mountains leeward forests, Central and Southern Cascades forests, Eastern Cascades forests). All relevés came from the Northern Hemisphere and were classified as forest plots by sPlot. The taxa names were standardized to species level with The Plant List (2013) using the 'Taxonstand' package (Cayuela, Stein, & Oksanen, 2019) in R version 3.6.2 (R Core Team, 2019). The final vegetation database contained 17,852 relevés and 7,670 standardized species names, considering only seed plants, and encompassing all forest layers. To obtain the final list of species, only species that were present in at least 5% of the relevés of an ecoregion were kept, rendering a list of 1,393 frequent species.

Web of Science literature search

The list of frequent species (plus the synonyms recorded in the relevés) was incorporated into a Boolean search string, together with the words "(seed OR seeds) AND (dormancy OR germination)". This string was searched in the Thompson Reuters Web of Science on 5 Mar 2019, returning 6,791 results. A first filter of the results by the relevance of the title retained 1,490 references, which were accessed to retrieve relevant germination data to build the database. Of these references, 611 provided relevant data, 643 were non-relevant, and for 236 it was impossible to access the full text. The references were considered to contain relevant germination data when they described the results of a laboratory germination experiment in which at least the germination temperature had been controlled and recorded.

Recording of the database

For each relevant reference, three blocks of information were recorded. The first block described the plant material, including the species, the populations that had been sampled, the year of sampling (or the year of publication if that information was missing), the country, the geographical coordinates (if not provided in the reference, the closest available toponyms were searched in Google Maps; in some cases the only geographical information was the country, in these cases the coordinates of the capital were recorded). The second block described the experimental conditions: length of the germination incubations, use of stratification (none, cold [$< 15^{\circ}\text{C}$], warm [$\geq 15^{\circ}\text{C}$] or combinations of cold and warm), use of scarification, photoperiod, maximum germination temperature, minimum germination temperature, and weighted average germination temperature. The minority of cases in which GA3 had been applied were excluded. The third block contained the response variable, the final germination proportion: the reported final germination percentages (retrieved from the text, tables or figures) and the

reported number of replicates and seeds per replicate were used to calculate a count of seeds sown and a count of seeds germinated.

Description of the database

Summary of contents

The final database contains 4,814 records (germination proportions for a given seed lot of a species, recorded in a set of experimental conditions) from 611 references. The plant materials had been collected across the Temperate Broadleaf and Mixed Forest biome and beyond (Fig. 1). The oldest record was from 1920 and the top three contributing countries were the USA (1,351), the UK (591) and Japan (525). There were 362 species represented, from 74 seed plant families. The total estimate of seeds used in the experiments was 946,942. The range of germination temperatures (weighted average of the daily thermoperiod) went from -4 to 43°C, with 2,101 records of constant temperatures and 2,713 of alternating temperatures. Light was used in 2,840 records, darkness in 1,224 and 750 did not provide information on this parameter. The experiments were performed with unstratified seeds in 3,224 records, and of the rest, the majority (1,410) went through cold stratification. Scarification was applied to 252 records.

Database file

The database is provided as a csv file, comma separated, named "Supplementary material 1 - Database" (see online supplementary materials). The first row of the file contains the header data, with the following variables: *Species* (The Plant List species names), *Reference* (bibliographic source of the record), *Population* (geographical information of the seed lot), *Year* (year the seed lot was collected), *Country* (country where the seed lot was collected), *Latitude* (approximated latitude where the seed lot was collected, in decimal degrees), *Longitude* (approximated longitude where the seed lot was collected, in decimal degrees), *Scarification* (binary variable indicating whether the seed lot was scarified before the test), *Stratification_days* (number of days the seed lot was exposed to any type of stratification, before the test), *Stratification_type* (type of stratification, which can be none, cold, warm or combinations of cold and warm), *Stratification* (binary variable indicating whether the seed lot was stratified or not before the test), *Light* (binary variable indicating whether the seed lot was germinated in light or in darkness), *Photoperiod* (number of hours of light in the daily photoperiod), *Alternating* (binary variable indicating whether the germination test was conducted under constant or alternating temperatures), *Tdif* (difference in degrees between the hottest and the coldest temperatures of the daily thermoperiod), *Tmax* (hottest temperature in the daily thermoperiod), *Tmin* (coldest temperature in the daily thermoperiod), *Tmean* (mean

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3 131 germination temperature, weighted by the length of each phase of the daily thermoperiod),
4 132 *Temperature* (aggregation of the mean germination temperature in 5 °C intervals),
5 133 *Length.experiment* (number of days between the start of the experiment, not including
6 134 stratification, and the day when germinated seeds were counted), *Germinated* (count of seeds
7 135 that germinated during the experiment), *Germinable* (count of seeds used in the experiment).
8 136 Each row below the header represents a record for a seed lot germinated in a given set of
9 137 experimental conditions.

15 138 **Sylvan Seeds app**

17 139 To facilitate the visualization of the database, the Sylvan Seeds app was written using the ‘shiny’
18 140 package (Chang, Cheng, Allaire, Xie, & Mcpherson, 2020). It is publicly accessible at
19 141 <http://sylvanseeds.shinyapps.io/sylvanseeds/>. The app uses the ‘tidyverse’ package (Wickham
20 142 et al., 2019) to aggregate and show results for species and experimental treatments (i.e.,
21 143 aggregating all seed lots of the same species germinated in the same experimental conditions).
22 144 To facilitate comparisons, germination temperatures are aggregated to 5 °C intervals. When
23 145 there is only one seed lot per species and combination of experimental conditions, the binomial
24 146 95% confidence interval is calculated using the Wilson method in the ‘binom’ package (Dorai-
25 147 Raj, 2014). When there is more than one seed lot per species and combination of experimental
26 148 conditions, the aggregate proportion and binomial confidence intervals are calculated using
27 149 binomial-normal meta-analysis models (Stijnen et al., 2010) as implemented in the package
28 150 ‘metaphor’ (Viechtbauer, 2010). By visiting the app, users can consult the available germination
29 151 information for a species (Fig. 2), the origin of its seed lots, and the bibliographical references
30 152 for the species.

41 153 **Utility of the database**

43 154 The database provided in this article, and the web app to visualize it, can have a wide
44 155 applicability in science and beyond. The data can be used to extend to seed germination the
45 156 current trend in global analyses of plant traits and functions, both at the species (Díaz et al.,
46 157 2016) and community levels (Bruehlheide et al., 2018). The ecological determinants of seed
47 158 germination are also valuable information for species distribution models (Bykova, Chuine,
48 159 Morin, & Higgins, 2012). The visualization of the database with the Sylvan Seeds app can help
49 160 plant ecologists to select experimental treatments that are adequate for their experiments
50 161 (Carol C. Baskin, Thompson, & Baskin, 2006). Outside of academia, the data is useful for seed
51 162 industries (De Vitis et al., 2017), restoration practitioners (Ladouceur et al., 2018) and the
52 163 implementation of regional schemes for seed-based landscape intervention (Jiménez-Alfaro,

Frischie, Stolz, & Gálvez-Ramírez, 2020). The app is accessible to citizens in general who are interested in germinating wild plants. Finally, apart from the dataset itself, this article can bring two innovations to the seed ecology community, helping to advance the agenda of functional seed ecology (Saatkamp et al., 2019). First, the meta-analysis-inspired methodology used to compile the dataset can be extended to other biomes and lists of species, contributing to the creation of a global database for ecologically and biogeographically coherent floras. Second, the database and the app can serve as a standard in further efforts to compile and standardize seed germination data.

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Data accessibility statement

All persons can use the database providing they cite this data paper properly in any publications or in the metadata of any derived products that are produced using the database. The database is provided as supplementary material and will be stored in Dryad. It can be visualized with the Sylvan Seeds app at <http://sylvanseeds.shinyapps.io/sylvanseeds/>. The code of the app is stored at (note: the GitHub page is kept private until publication of the manuscript).

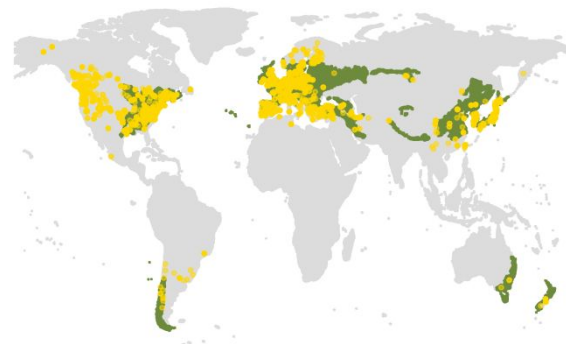


Figure 1 Geographical distribution of the germination records in the database. Each golden circle is a record. The green areas correspond to the extension of the Temperate Broadleaf and Mixed Forests biome.

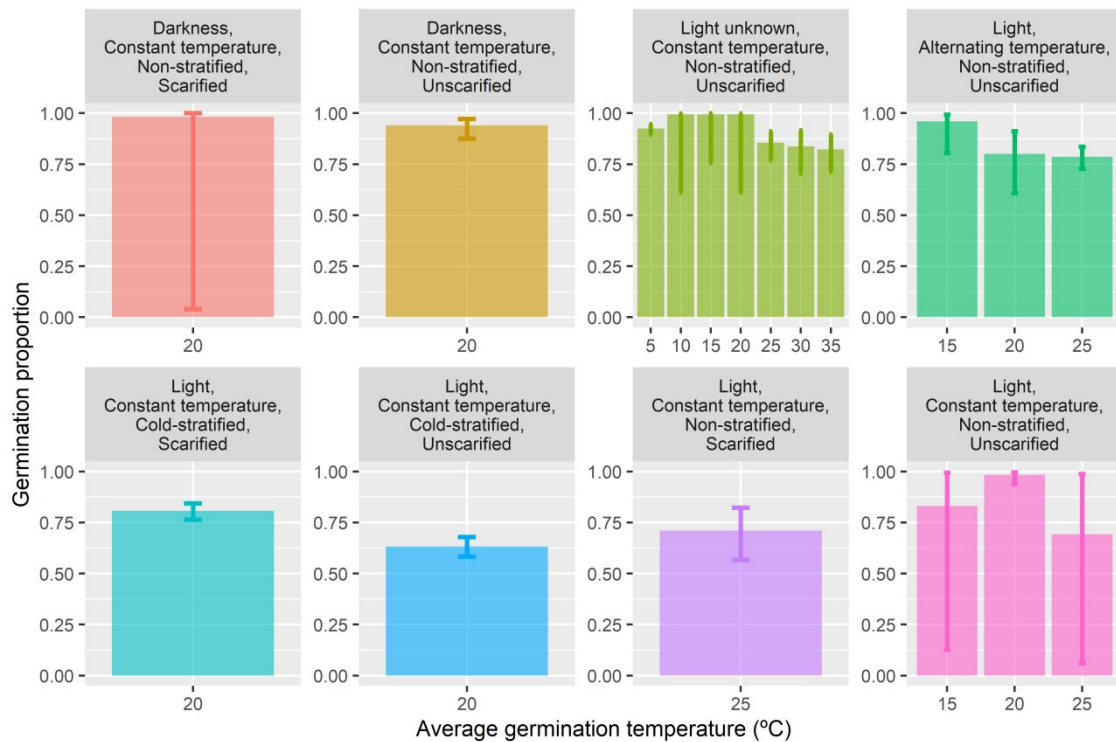


Figure 2 Example of the germination records as shown by the Sylvan Seeds app. Records for one species, the European pedunculate oak, *Quercus robur*. Each panel shows the results for a combination of experimental conditions, with the germination temperature varying within each panel. Bars represent the mean germination proportion and brackets the 95% binomial confidence interval.

Appendix 1 – Data sources. List of references used to build the germination database.

Note: References are provided as they were exported from Web of Science to Endnote, and exactly as they are in the database and the Sylvan Seeds app. They can be edited for final publication.

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| | Species | Reference | Population | Year | Country | Latitude | Longitude | Scarificatio | Stratificatio |
|----|---------------|---------------|-------------|------|-----------|----------|------------|--------------|---------------|
| 1 | Pinus taeda | Zhang, Z. | Ji'an, Jiar | 2011 | China | 27.1 | 114.9833 N | | 0 |
| 2 | Fraxinus ch | Zhang, Z. | Ji'an, Jiar | 2011 | China | 27.1 | 114.9833 N | | 0 |
| 3 | Solidago vi | Pliszko, A. | Warsaw, Po | 2016 | Poland | 42.11577 | 20.99223 N | | 84 |
| 4 | Solidago vi | Pliszko, A. | Warsaw, Po | 2016 | Poland | 42.11577 | 20.99223 N | | 84 |
| 5 | Juglans nig | Flores, P., | Unknown, e | 2016 | Argentina | -33.0167 | -60.8833 N | | 90 |
| 6 | Juglans nig | Flores, P., | Unknown, e | 2016 | Argentina | -33.0167 | -60.8833 N | | 120 |
| 7 | Juglans nig | Flores, P., | Unknown, e | 2016 | Argentina | -33.0167 | -60.8833 N | | 90 |
| 8 | Juglans nig | Flores, P., | Unknown, e | 2016 | Argentina | -33.0167 | -60.8833 N | | 120 |
| 9 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 10 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 11 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 12 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 13 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 14 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 15 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 16 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 17 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 18 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 19 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 20 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 21 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 22 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 23 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 24 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 25 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 26 | Abies ceph | Daskalaki | Parnitha NF | 2015 | Greece | 38.16667 | 23.71667 N | | 0 |
| 27 | Abies bals | Connolly, E | Wisconsin I | 2011 | USA | 44.35 | -89.8167 N | | 56 |
| 28 | Acer sacch | Connolly, E | Wisconsin I | 2011 | USA | 44.35 | -89.8167 N | | 0 |
| 29 | Picea glauc | Connolly, E | Wisconsin I | 2011 | USA | 44.35 | -89.8167 N | | 0 |
| 30 | Pinus resin | Connolly, E | Wisconsin I | 2011 | USA | 44.35 | -89.8167 N | | 56 |
| 31 | Acer sacch | Connolly, E | Wisconsin I | 2011 | USA | 44.35 | -89.8167 N | | 30 |
| 32 | Abies bals | Connolly, E | Wisconsin I | 2011 | USA | 44.35 | -89.8167 N | | 0 |
| 33 | Pinus resin | Connolly, E | Wisconsin I | 2011 | USA | 44.35 | -89.8167 N | | 0 |
| 34 | Pinus strob | Connolly, E | Wisconsin I | 2011 | USA | 44.35 | -89.8167 N | | 56 |
| 35 | Pinus strob | Connolly, E | Wisconsin I | 2011 | USA | 44.35 | -89.8167 N | | 0 |
| 36 | Picea glauc | Connolly, E | Wisconsin I | 2011 | USA | 44.35 | -89.8167 N | | 56 |
| 37 | Dactylis glc | Butler, T. J. | NFOG 101, | 2011 | USA | 34.16667 | -97.1667 N | | 0 |
| 38 | Dactylis glc | Butler, T. J. | NFOG 101, | 2011 | USA | 34.16667 | -97.1667 N | | 0 |
| 39 | Dactylis glc | Butler, T. J. | NFOG 101, | 2011 | USA | 34.16667 | -97.1667 N | | 0 |
| 40 | Dactylis glc | Butler, T. J. | NFOG 101, | 2011 | USA | 34.16667 | -97.1667 N | | 0 |
| 41 | Dactylis glc | Butler, T. J. | NFOG 101, | 2011 | USA | 34.16667 | -97.1667 N | | 0 |
| 42 | Dactylis glc | Butler, T. J. | NFOG 101, | 2011 | USA | 34.16667 | -97.1667 N | | 0 |
| 43 | Dactylis glc | Butler, T. J. | NFOG 101, | 2011 | USA | 34.16667 | -97.1667 N | | 0 |
| 44 | Dactylis glc | Butler, T. J. | NFOG 101, | 2011 | USA | 34.16667 | -97.1667 N | | 0 |
| 45 | Dactylis glc | Butler, T. J. | NFOG 150, | 2011 | USA | 34.16667 | -97.1667 N | | 0 |
| 46 | Dactylis glc | Butler, T. J. | NFOG 150, | 2011 | USA | 34.16667 | -97.1667 N | | 0 |
| 47 | Dactylis glc | Butler, T. J. | NFOG 150, | 2011 | USA | 34.16667 | -97.1667 N | | 0 |
| 48 | Dactylis glc | Butler, T. J. | NFOG 150, | 2011 | USA | 34.16667 | -97.1667 N | | 0 |
| 49 | Dactylis glc | Butler, T. J. | NFOG 150, | 2011 | USA | 34.16667 | -97.1667 N | | 0 |
| 50 | Dactylis glc | Butler, T. J. | NFOG 150, | 2011 | USA | 34.16667 | -97.1667 N | | 0 |
| 51 | Dactylis glc | Butler, T. J. | NFOG 150, | 2011 | USA | 34.16667 | -97.1667 N | | 0 |
| 52 | Acer rubrur | Marshall, J. | Ontario, Ca | 1997 | Canada | 46.7 | -82.6333 N | | 0 |
| 53 | Acer rubrur | Marshall, J. | Ontario, Ca | 1997 | Canada | 46.7 | -82.6333 N | | 30 |
| 54 | Alliaria peti | Blossey, B. | Ontario, Ca | 1997 | Canada | 48.03333 | -82.9167 N | | 0 |
| 55 | Pinus bank | Bourgeois, | Ontario, Ca | 1986 | Canada | 47.6 | -82.4 N | | 0 |
| 56 | Acer sacch | Marshall, J. | Ontario, Ca | 1997 | Canada | 46.7 | -82.6167 N | | 0 |
| 57 | Picea mari | Beardmore | Ontario, Ca | 1992 | Canada | 45.9 | -77.2833 N | | 0 |
| 58 | Picea mari | Beardmore | Ontario, Ca | 1992 | Canada | 45.9 | -77.2833 N | | 21 |
| 59 | Alliaria peti | Blossey, B. | Minnesota, | 1997 | USA | 45.21667 | -93.1 N | | 0 |
| 60 | Pinus resin | Sasaki, S. | Minnesota, | 1957 | USA | 45.96667 | -94.2333 N | | 0 |

| | | | | | | | | |
|---------------|------------------|---------------|------|--------|----------|----------|---|----|
| Alliaria peti | Blossey, B. | New York, I | 1997 | USA | 42.55 | -74.8667 | N | 0 |
| Alliaria peti | Blossey, B. | Illinois, USA | 1997 | USA | 39.63333 | -89.3833 | N | 0 |
| Alliaria peti | Blossey, B. | Massachus | 1997 | USA | 42.38333 | -71.5333 | N | 0 |
| Pinus sylve | Ostroschenk | Primorye T | 2017 | Russia | 43.5 | 133.9 | N | 0 |
| Alliaria peti | Blossey, B. | Ohio, USA | 1997 | USA | 40.43333 | -83.1833 | N | 0 |
| Alliaria peti | Blossey, B. | Kansas, US | 1997 | USA | 38.55 | -97.8167 | N | 0 |
| Alliaria peti | Blossey, B. | District of C | 1997 | USA | 38.91667 | -77.05 | N | 0 |
| Acer sacch | Solarik, K. | Kentucky, U | 2013 | USA | 38.05 | -84.35 | N | 14 |
| Acer sacch | Solarik, K. | Kentucky, U | 2013 | USA | 38.05 | -84.35 | N | 14 |
| Acer sacch | Solarik, K. | Kentucky, U | 2013 | USA | 38.05 | -84.35 | N | 14 |
| Alliaria peti | Blossey, B. | Kentucky, U | 1997 | USA | 37.48333 | -86.1167 | N | 0 |
| Acer sacch | Solarik, K. | Kentucky, U | 2013 | USA | 38.05 | -84.35 | N | 14 |
| Acer sacch | Solarik, K. | Kentucky, U | 2013 | USA | 38.05 | -84.35 | N | 14 |
| Acer sacch | Solarik, K. | Kentucky, U | 2013 | USA | 38.05 | -84.35 | N | 14 |
| Acer sacch | Solarik, K. | Kentucky, U | 2013 | USA | 38.05 | -84.35 | N | 14 |
| Acer sacch | Solarik, K. | Kentucky, U | 2013 | USA | 38.05 | -84.35 | N | 14 |
| Acer sacch | Solarik, K. | Kentucky, U | 2013 | USA | 38.05 | -84.35 | N | 14 |
| Alliaria peti | Blossey, B. | Georgia, U | 1997 | USA | 32.75 | -82.7833 | N | 0 |
| Ulmus glab | Barden, C. | Douglas Co | 2010 | USA | 38.86667 | -95.25 | N | 90 |
| Ulmus glab | Barden, C. | Douglas Co | 2010 | USA | 38.86667 | -95.25 | N | 0 |
| Ulmus glab | Barden, C. | Butler Co, I | 2010 | USA | 37.73333 | -96.9 | N | 90 |
| Ulmus glab | Barden, C. | Butler Co, I | 2010 | USA | 37.73333 | -96.9 | N | 0 |
| Phragmites | Xiao, Y., et | Yancheng I | 2013 | China | 32.33333 | 119.4833 | N | 0 |
| Magnolia ol | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Magnolia ol | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Hydrangea | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Hydrangea | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Alnus hirsu | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Alnus hirsu | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Cercidiphy | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Cercidiphy | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Hydrangea | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Magnolia k | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Magnolia k | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Cercidiphy | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Cercidiphy | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Magnolia k | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Magnolia ol | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Alnus hirsu | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Magnolia ol | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Hydrangea | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Magnolia k | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Alnus hirsu | Xia, Q., et | Field Scien | 2012 | Japan | 38.75 | 140.75 | N | 30 |
| Betula erm | Xia, Q., et | Hokkaido, J | 2012 | Japan | 43.11667 | 142.7 | N | 30 |
| Phellodend | Xia, Q., et | Hokkaido, J | 2012 | Japan | 43.11667 | 142.7 | N | 30 |
| Phellodend | Xia, Q., et | Hokkaido, J | 2012 | Japan | 43.11667 | 142.7 | N | 30 |
| Phellodend | Xia, Q., et | Hokkaido, J | 2012 | Japan | 43.11667 | 142.7 | N | 30 |
| Betula erm | Xia, Q., et | Hokkaido, J | 2012 | Japan | 43.11667 | 142.7 | N | 30 |
| Phellodend | Xia, Q., et | Hokkaido, J | 2012 | Japan | 43.11667 | 142.7 | N | 30 |
| Betula erm | Xia, Q., et | Hokkaido, J | 2012 | Japan | 43.11667 | 142.7 | N | 30 |
| Betula erm | Xia, Q., et | Hokkaido, J | 2012 | Japan | 43.11667 | 142.7 | N | 30 |
| Taraxacum | Molina-Mor | Caldera, Cl | 2017 | Chile | -27.1 | -70.0167 | N | 0 |
| Achillea mil | Williams, M | Moses Lake | 2015 | USA | 47.13333 | -119.283 | N | 0 |
| Achillea mil | Williams, M | Moses Lake | 2015 | USA | 47.13333 | -119.283 | N | 0 |
| Achillea mil | Williams, M | Moses Lake | 2015 | USA | 47.13333 | -119.283 | N | 0 |
| Pinus nigra | Topacoglu, Asar, | Turkey | 2015 | Turkey | 39.85 | 27.23333 | N | 0 |

| | | | | | | |
|----|-------------------------------------|-------------|----------|------------|--|----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Pinus nigra Topacoglu, Kalkim, Tur | 2015 Turkey | 39.8 | 27.2 N | | 0 |
| 4 | Pinus nigra Topacoglu, Karakoy, Ti | 2015 Turkey | 39.83333 | 26.88333 N | | 0 |
| 5 | Pinus nigra Topacoglu, Bursa, Turk | 2015 Turkey | 40.16667 | 28.91667 N | | 0 |
| 6 | Pinus nigra Topacoglu, Alabarda, T | 2015 Turkey | 39.88333 | 29.43333 N | | 0 |
| 7 | Pinus nigra Topacoglu, Golcuk, Tui | 2015 Turkey | 39.81667 | 28.91667 N | | 0 |
| 8 | Pinus nigra Topacoglu, Kicir, Turke | 2015 Turkey | 39.23333 | 28.7 N | | 0 |
| 9 | Pinus nigra Topacoglu, Bogazova, | 2015 Turkey | 40.61667 | 29.71667 N | | 0 |
| 10 | Pinus nigra Topacoglu, Uluhan, Tu | 2015 Turkey | 40.53333 | 31.43333 N | | 0 |
| 11 | Taraxacum Molina-MorLa Serena, | 2017 Chile | -29.9 | -70.0167 N | | 0 |
| 12 | Pinus nigra Topacoglu, Sorgun, Tu | 2015 Turkey | 39.88333 | 29.31667 N | | 0 |
| 13 | Pinus nigra Topacoglu, Aktuzla, Tu | 2015 Turkey | 39.6 | 28.93333 N | | 0 |
| 14 | Pinus nigra Topacoglu, Derecarsar | 2015 Turkey | 40.33333 | 29.75 N | | 0 |
| 15 | Pinus nigra Topacoglu, Balikoy, Tu | 2015 Turkey | 39.5 | 29.08333 N | | 0 |
| 16 | Pinus nigra Topacoglu, Inceler, Tur | 2015 Turkey | 37.71667 | 29.56667 N | | 0 |
| 17 | Pinus nigra Topacoglu, Tota, Turke | 2015 Turkey | 37.86667 | 31.38333 N | | 0 |
| 18 | Acer sacch Solarik, K. .Montmagny | 2013 Canada | 46.96667 | -70.6 N | | 14 |
| 19 | Acer sacch Solarik, K. .Montmagny | 2013 Canada | 46.96667 | -70.6 N | | 14 |
| 20 | Acer sacch Solarik, K. .Montmagny | 2013 Canada | 46.96667 | -70.6 N | | 14 |
| 21 | Acer sacch Solarik, K. .Montmagny | 2013 Canada | 46.96667 | -70.6 N | | 14 |
| 22 | Acer sacch Solarik, K. .Montmagny | 2013 Canada | 46.96667 | -70.6 N | | 14 |
| 23 | Acer sacch Solarik, K. .Montmagny | 2013 Canada | 46.96667 | -70.6 N | | 14 |
| 24 | Acer sacch Solarik, K. .Montmagny | 2013 Canada | 46.96667 | -70.6 N | | 14 |
| 25 | Acer sacch Solarik, K. .Montmagny | 2013 Canada | 46.96667 | -70.6 N | | 14 |
| 26 | Acer sacch Solarik, K. .Montmagny | 2013 Canada | 46.96667 | -70.6 N | | 14 |
| 27 | Acer sacch Solarik, K. .Montmagny | 2013 Canada | 46.96667 | -70.6 N | | 14 |
| 28 | Sambucus Davis, O. HPennsylvar | 1925 USA | 40.81667 | -77.75 N | | 99 |
| 29 | Acer sacch Solarik, K. .Pennsylvar | 2013 USA | 41.15 | -78.0167 N | | 14 |
| 30 | Sambucus Davis, O. HPennsylvar | 1925 USA | 40.81667 | -77.75 N | | 99 |
| 31 | Sambucus Davis, O. HPennsylvar | 1925 USA | 40.81667 | -77.75 N | | 99 |
| 32 | Sambucus Davis, O. HPennsylvar | 1925 USA | 40.81667 | -77.75 N | | 99 |
| 33 | Sambucus Davis, O. HPennsylvar | 1925 USA | 40.81667 | -77.75 N | | 99 |
| 34 | Acer sacch Solarik, K. .Pennsylvar | 2013 USA | 41.15 | -78.0167 N | | 14 |
| 35 | Sambucus Davis, O. HPennsylvar | 1925 USA | 40.81667 | -77.75 N | | 99 |
| 36 | Acer sacch Solarik, K. .Pennsylvar | 2013 USA | 41.15 | -78.0167 N | | 14 |
| 37 | Acer sacch Solarik, K. .Pennsylvar | 2013 USA | 41.15 | -78.0167 N | | 14 |
| 38 | Sambucus Davis, O. HPennsylvar | 1925 USA | 40.81667 | -77.75 N | | 99 |
| 39 | Sambucus Davis, O. HPennsylvar | 1925 USA | 40.81667 | -77.75 N | | 99 |
| 40 | Acer sacch Solarik, K. .Pennsylvar | 2013 USA | 41.15 | -78.0167 N | | 14 |
| 41 | Acer sacch Solarik, K. .Pennsylvar | 2013 USA | 41.15 | -78.0167 N | | 14 |
| 42 | Sambucus Davis, O. HPennsylvar | 1925 USA | 40.81667 | -77.75 N | | 99 |
| 43 | Sambucus Davis, O. HPennsylvar | 1925 USA | 40.81667 | -77.75 N | | 99 |
| 44 | Sambucus Davis, O. HPennsylvar | 1925 USA | 40.81667 | -77.75 N | | 99 |
| 45 | Acer sacch Solarik, K. .Pennsylvar | 2013 USA | 41.15 | -78.0167 N | | 14 |
| 46 | Sambucus Davis, O. HPennsylvar | 1925 USA | 40.81667 | -77.75 N | | 99 |
| 47 | Sambucus Davis, O. HPennsylvar | 1925 USA | 40.81667 | -77.75 N | | 99 |
| 48 | Acer sacch Solarik, K. .Pennsylvar | 2013 USA | 41.15 | -78.0167 N | | 14 |
| 49 | Acer sacch Solarik, K. .Pennsylvar | 2013 USA | 41.15 | -78.0167 N | | 14 |
| 50 | Sambucus Davis, O. HPennsylvar | 1925 USA | 40.81667 | -77.75 N | | 99 |
| 51 | Sambucus Davis, O. HPennsylvar | 1925 USA | 40.81667 | -77.75 N | | 99 |
| 52 | Acer sacch Solarik, K. .Rivi◆re-du | 2013 Canada | 47.83333 | -69.5333 N | | 14 |
| 53 | Acer sacch Solarik, K. .Rivi◆re-du | 2013 Canada | 47.83333 | -69.5333 N | | 14 |
| 54 | Acer sacch Solarik, K. .Rivi◆re-du | 2013 Canada | 47.83333 | -69.5333 N | | 14 |
| 55 | Acer sacch Solarik, K. .Rivi◆re-du | 2013 Canada | 47.83333 | -69.5333 N | | 14 |
| 56 | Acer sacch Solarik, K. .Rivi◆re-du | 2013 Canada | 47.83333 | -69.5333 N | | 14 |
| 57 | Acer sacch Solarik, K. .Rivi◆re-du | 2013 Canada | 47.83333 | -69.5333 N | | 14 |
| 58 | Acer sacch Solarik, K. .Rivi◆re-du | 2013 Canada | 47.83333 | -69.5333 N | | 14 |
| 59 | Acer sacch Solarik, K. .Rivi◆re-du | 2013 Canada | 47.83333 | -69.5333 N | | 14 |
| 60 | Acer sacch Solarik, K. .Rivi◆re-du | 2013 Canada | 47.83333 | -69.5333 N | | 14 |

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|----|-------------------------------------|------|------------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Acer sacch Solarik, K. .Rivi | 2013 | Canada | 47.83333 | -69.5333 N | 14 |
| 4 | Acer sacch Solarik, K. .Sherbrooke | 2013 | Canada | 45.4 | -71.9167 N | 14 |
| 5 | Acer sacch Solarik, K. .Sherbrooke | 2013 | Canada | 45.4 | -71.9167 N | 14 |
| 6 | Acer sacch Solarik, K. .Sherbrooke | 2013 | Canada | 45.4 | -71.9167 N | 14 |
| 7 | Acer sacch Solarik, K. .Sherbrooke | 2013 | Canada | 45.4 | -71.9167 N | 14 |
| 8 | Acer sacch Solarik, K. .Sherbrooke | 2013 | Canada | 45.4 | -71.9167 N | 14 |
| 9 | Acer sacch Solarik, K. .Sherbrooke | 2013 | Canada | 45.4 | -71.9167 N | 14 |
| 10 | Acer sacch Solarik, K. .Sherbrooke | 2013 | Canada | 45.4 | -71.9167 N | 14 |
| 11 | Acer sacch Solarik, K. .Sherbrooke | 2013 | Canada | 45.4 | -71.9167 N | 14 |
| 12 | Acer sacch Solarik, K. .Sherbrooke | 2013 | Canada | 45.4 | -71.9167 N | 14 |
| 13 | Taraxacum Molina-Mor | 2017 | Chile | -33.0167 | -71.0167 N | 0 |
| 14 | Acer sacch Solarik, K. .Tennessee | 2013 | USA | 35.71667 | -87.4667 N | 14 |
| 15 | Acer sacch Solarik, K. .Tennessee | 2013 | USA | 35.71667 | -87.4667 N | 14 |
| 16 | Acer sacch Solarik, K. .Tennessee | 2013 | USA | 35.71667 | -87.4667 N | 14 |
| 17 | Acer sacch Solarik, K. .Tennessee | 2013 | USA | 35.71667 | -87.4667 N | 14 |
| 18 | Acer sacch Solarik, K. .Tennessee | 2013 | USA | 35.71667 | -87.4667 N | 14 |
| 19 | Acer sacch Solarik, K. .Tennessee | 2013 | USA | 35.71667 | -87.4667 N | 14 |
| 20 | Acer sacch Solarik, K. .Tennessee | 2013 | USA | 35.71667 | -87.4667 N | 14 |
| 21 | Acer sacch Solarik, K. .Tennessee | 2013 | USA | 35.71667 | -87.4667 N | 14 |
| 22 | Acer sacch Solarik, K. .Tennessee | 2013 | USA | 35.71667 | -87.4667 N | 14 |
| 23 | Acer sacch Solarik, K. .Tennessee | 2013 | USA | 35.71667 | -87.4667 N | 14 |
| 24 | Acer sacch Solarik, K. .Vile Marie, | 2013 | Canada | 47.31667 | -79.4333 N | 14 |
| 25 | Acer sacch Solarik, K. .Vile Marie, | 2013 | Canada | 47.31667 | -79.4333 N | 14 |
| 26 | Acer sacch Solarik, K. .Vile Marie, | 2013 | Canada | 47.31667 | -79.4333 N | 14 |
| 27 | Acer sacch Solarik, K. .Vile Marie, | 2013 | Canada | 47.31667 | -79.4333 N | 14 |
| 28 | Acer sacch Solarik, K. .Vile Marie, | 2013 | Canada | 47.31667 | -79.4333 N | 14 |
| 29 | Acer sacch Solarik, K. .Vile Marie, | 2013 | Canada | 47.31667 | -79.4333 N | 14 |
| 30 | Acer sacch Solarik, K. .Vile Marie, | 2013 | Canada | 47.31667 | -79.4333 N | 14 |
| 31 | Acer sacch Solarik, K. .Vile Marie, | 2013 | Canada | 47.31667 | -79.4333 N | 14 |
| 32 | Acer sacch Solarik, K. .Vile Marie, | 2013 | Canada | 47.31667 | -79.4333 N | 14 |
| 33 | Festuca ovıSalahshoorAgriculture | 2015 | Iran | 36.28333 | 59.6 N | 0 |
| 34 | Corylus avıRostamikia Guilan | 2015 | Iran | 37.71667 | 47.88333 Y | 0 |
| 35 | Corylus avıRostamikia Guilan | 2015 | Iran | 37.71667 | 47.88333 Y | 120 |
| 36 | Corylus avıRostamikia Ardebil | 2015 | Iran | 38.31667 | 48.6 Y | 120 |
| 37 | Corylus avıRostamikia Ardebil | 2015 | Iran | 38.31667 | 48.6 Y | 0 |
| 38 | Corylus avıRostamikia Arasbaran | 2015 | Iran | 38.85 | 48.65 Y | 120 |
| 39 | Corylus avıRostamikia Arasbaran | 2015 | Iran | 38.85 | 48.65 Y | 0 |
| 40 | Lilium mart.Guney, K., Kure Mounı | 2012 | Turkey | 41.85 | 33.76667 N | 0 |
| 41 | Prunella vuFazal, H., eMadyan vaı | 2015 | Pakistan | 35.13333 | 72.53333 N | 0 |
| 42 | Prunella vuFazal, H., eMadyan vaı | 2015 | Pakistan | 35.13333 | 72.53333 N | 0 |
| 43 | Prunella vuFazal, H., eMadyan vaı | 2015 | Pakistan | 35.13333 | 72.53333 N | 0 |
| 44 | Prunella vuFazal, H., eMadyan vaı | 2015 | Pakistan | 35.13333 | 72.53333 N | 0 |
| 45 | Taraxacum Molina-Mor | 2017 | Chile | -36.95 | -73.0167 N | 0 |
| 46 | Rubus parvChoi, G. E. Jeonju sı, J | 2013 | South Kore | 35.81667 | 127.1167 Y | 0 |
| 47 | Rubus parvChoi, G. E. Jeonju sı, J | 2013 | South Kore | 35.81667 | 127.1167 N | 56 |
| 48 | Rubus parvChoi, G. E. Jeonju sı, J | 2013 | South Kore | 35.81667 | 127.1167 Y | 56 |
| 49 | Rubus buerChoi, G. E. Seogwipo sı | 2012 | South Kore | 33.23333 | 126.55 Y | 56 |
| 50 | Rubus buerChoi, G. E. Seogwipo sı | 2012 | South Kore | 33.23333 | 126.55 N | 56 |
| 51 | Rubus buerChoi, G. E. Seogwipo sı | 2012 | South Kore | 33.23333 | 126.55 Y | 0 |
| 52 | Robinia psıCabra-RivaHenares Ri | 2013 | Spain | 40.7 | -3.15 Y | 0 |
| 53 | Robinia psıCabra-RivaHenares Ri | 2013 | Spain | 40.7 | -3.15 N | 0 |
| 54 | Stellaria mıvan der VeıThe Nether | 1977 | Netherland | 52.31667 | 4.56667 N | 0 |
| 55 | Angelica syBoedeltje, (The Nether | 2012 | Netherland | 52.11667 | 5.26667 N | 108 |
| 56 | Stellaria mıvan der VeıThe Nether | 1977 | Netherland | 52.31667 | 4.56667 N | 0 |
| 57 | Lycopus euBoedeltje, (The Nether | 2012 | Netherland | 52.11667 | 5.26667 N | 108 |
| 58 | Filipendula Boedeltje, (The Nether | 2012 | Netherland | 52.11667 | 5.26667 N | 108 |
| 59 | Prunella vuOomes, M. The Nether | 1975 | Netherland | 52.11667 | 4.833333 N | 0 |
| 60 | | | | | | |

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|----|-------------------------------|--------------------------|------|------------|---------------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | <i>Stellaria mœvan der Ve</i> | The Nether | 1977 | Netherland | 52.31667 4.566667 N | 0 |
| 4 | <i>Alnus glutir</i> | Boedeltje, (The Nether | 2012 | Netherland | 52.11667 5.266667 N | 108 |
| 5 | <i>Stellaria mœvan der Ve</i> | The Nether | 1977 | Netherland | 52.31667 4.566667 N | 0 |
| 6 | <i>Achillea mil</i> | Oomes, M. The Nether | 1975 | Netherland | 52.11667 4.833333 N | 0 |
| 7 | <i>Stellaria mœvan der Ve</i> | The Nether | 1977 | Netherland | 52.31667 4.566667 N | 0 |
| 8 | <i>Juncus effu</i> | Boedeltje, (The Nether | 2012 | Netherland | 52.11667 5.266667 N | 108 |
| 9 | <i>Stellaria mœvan der Ve</i> | The Nether | 1977 | Netherland | 52.31667 4.566667 N | 0 |
| 10 | <i>Quercus ro</i> | Ozbingol, N The Nether | 2002 | Netherland | 52.05 5.3 N | 0 |
| 11 | <i>Stellaria mœvan der Ve</i> | The Nether | 1977 | Netherland | 52.31667 4.566667 N | 0 |
| 12 | <i>Solidago gi</i> | Bochenek, Krakow, Pc | 2015 | Poland | 50.05 19.93333 N | 80 |
| 13 | <i>Solidago gi</i> | Bochenek, Krakow, Pc | 2015 | Poland | 50.05 19.93333 N | 0 |
| 14 | <i>Sanguisorb</i> | Benvenuti, Tuscany, It | 2013 | Italy | 43.38333 11.1 N | 0 |
| 15 | <i>Campanula</i> | Benvenuti, Tuscany, It | 2013 | Italy | 43.38333 11.1 N | 30 |
| 16 | <i>Alliaria peti</i> | Benvenuti, Tuscany, It | 2013 | Italy | 43.38333 11.1 N | 0 |
| 17 | <i>Campanula</i> | Benvenuti, Tuscany, It | 2013 | Italy | 43.38333 11.1 N | 0 |
| 18 | <i>Alliaria peti</i> | Benvenuti, Tuscany, It | 2013 | Italy | 43.38333 11.1 Y | 0 |
| 19 | <i>Sanguisorb</i> | Benvenuti, Tuscany, It | 2013 | Italy | 43.38333 11.1 Y | 0 |
| 20 | <i>Taraxacum</i> | Benvenuti, Tuscany, It | 2013 | Italy | 43.38333 11.1 N | 0 |
| 21 | <i>Taraxacum</i> | Benvenuti, Tuscany, It | 2013 | Italy | 43.38333 11.1 N | 30 |
| 22 | <i>Securigera</i> | Bae, J., et iPickseed E | 2011 | Canada | 45.65 -72.9167 N | 42 |
| 23 | <i>Lotus corni</i> | Bae, J., et iRichters se | 2011 | Canada | 45.65 -72.9167 Y | 0 |
| 24 | <i>Alliaria peti</i> | Yasin, M. aHoejbakkeç | 2014 | Denmark | 55.63333 12.28333 Y | 0 |
| 25 | <i>Alliaria peti</i> | Yasin, M. aHoejbakkeç | 2014 | Denmark | 55.63333 12.28333 N | 0 |
| 26 | <i>Eurya japon</i> | Wang, H., iFemales, N | 2014 | Japan | 35.16667 136.9667 N | 0 |
| 27 | <i>Taraxacum</i> | Molina-Mor Coyhaique, | 2017 | Chile | -46.0167 -72.0167 N | 0 |
| 28 | <i>Eurya japon</i> | Wang, H., iHermaphro | 2014 | Japan | 35.16667 136.9667 N | 0 |
| 29 | <i>Sanguisorb</i> | Tav?ano?luHacettepe l | 2010 | Turkey | 39.86667 32.71667 N | 0 |
| 30 | <i>Dactylis glc</i> | StanisavljeSerbia and | 2012 | Serbia | 44.01667 19.55 N | 0 |
| 31 | <i>Pinus nigra</i> | Sevik, H. aKastamonu | 2015 | Turkey | 41.38333 33.76667 N | 0 |
| 32 | <i>Pyracantha</i> | Sevik, H. aKastamonu | 2015 | Turkey | 41.38333 33.76667 N | 5 |
| 33 | <i>Berberis aq</i> | Pipinis, E., Thessalonil | 2010 | Greece | 40.63333 22.93333 N | 0 |
| 34 | <i>Berberis aq</i> | Pipinis, E., Thessalonil | 2010 | Greece | 40.63333 22.93333 N | 120 |
| 35 | <i>Dactylis glc</i> | Nielsen, J. Flat Top Hil | 2011 | New Zeala | -45.2333 169.3667 N | 0 |
| 36 | <i>Picea glauc</i> | Beardmore Alberta, Ca | 1993 | Canada | 54.11667 -112.467 N | 0 |
| 37 | <i>Pinus contc</i> | Beardmore Alberta, Ca | 1993 | Canada | 54.11667 -112.467 N | 21 |
| 38 | <i>Pinus contc</i> | Beardmore Alberta, Ca | 1993 | Canada | 54.11667 -112.467 N | 0 |
| 39 | <i>Schizachyri</i> | Mollard, F. Alberta, Ca | 2011 | Canada | 54.25 -113.733 N | 0 |
| 40 | <i>Picea glauc</i> | Beardmore Alberta, Ca | 1993 | Canada | 54.11667 -112.467 N | 21 |
| 41 | <i>Picea abies</i> | Moldovean Forest Dist | 2011 | Romania | 47.68333 25.53333 N | 0 |
| 42 | <i>Betula pen</i> | Midmore, ECentral Enç | 2010 | UK | 53.01667 -3.01667 N | 21 |
| 43 | <i>Betula pen</i> | Midmore, ECentral Enç | 2010 | UK | 53.01667 -3.01667 N | 0 |
| 44 | <i>Betula pen</i> | Midmore, ECentral Enç | 2010 | UK | 53.01667 -3.01667 N | 0 |
| 45 | <i>Betula pen</i> | Midmore, ECentral Enç | 2010 | UK | 53.01667 -3.01667 N | 21 |
| 46 | <i>Betula pen</i> | Midmore, ECentral Enç | 2010 | UK | 53.01667 -3.01667 N | 21 |
| 47 | <i>Betula pen</i> | Midmore, ECentral Enç | 2010 | UK | 53.01667 -3.01667 N | 0 |
| 48 | <i>Betula pen</i> | Midmore, ECentral Enç | 2010 | UK | 53.01667 -3.01667 N | 0 |
| 49 | <i>Betula pen</i> | Midmore, ECentral Enç | 2010 | UK | 53.01667 -3.01667 N | 0 |
| 50 | <i>Betula pen</i> | Midmore, ECentral Enç | 2010 | UK | 53.01667 -3.01667 N | 0 |
| 51 | <i>Betula pen</i> | Midmore, ECentral Enç | 2010 | UK | 53.01667 -3.01667 N | 0 |
| 52 | <i>Betula pen</i> | Midmore, ECentral Enç | 2010 | UK | 53.01667 -3.01667 N | 21 |
| 53 | <i>Betula pen</i> | Midmore, ECentral Enç | 2010 | UK | 53.01667 -3.01667 N | 21 |
| 54 | <i>Betula pen</i> | Midmore, ECentral Enç | 2010 | UK | 53.01667 -3.01667 N | 21 |
| 55 | <i>Betula pen</i> | Midmore, ECentral Enç | 2010 | UK | 53.01667 -3.01667 N | 21 |
| 56 | <i>Betula pen</i> | Midmore, ECentral Enç | 2010 | UK | 53.01667 -3.01667 N | 0 |
| 57 | <i>Betula pen</i> | Midmore, EEngland Ke | 2009 | UK | 55.01667 -3.01667 N | 21 |
| 58 | <i>Betula pen</i> | Midmore, EEngland Ke | 2009 | UK | 55.01667 -3.01667 N | 0 |
| 59 | <i>Betula pen</i> | Midmore, EEngland Ke | 2009 | UK | 55.01667 -3.01667 N | 0 |
| 60 | <i>Betula pen</i> | Midmore, EEngland Ke | 2009 | UK | 55.01667 -3.01667 N | 0 |

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|----|-------------|------------------------|--------------|----------|------------|----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Betula pen | Midmore, EEngland Ke | 2009 UK | 55.01667 | -3.01667 N | 21 |
| 4 | Betula pen | Midmore, EEngland Ke | 2009 UK | 55.01667 | -3.01667 N | 0 |
| 5 | Betula pen | Midmore, EEngland Ke | 2009 UK | 55.01667 | -3.01667 N | 0 |
| 6 | Betula pen | Midmore, EEngland Ke | 2009 UK | 55.01667 | -3.01667 N | 21 |
| 7 | Betula pen | Midmore, EEngland Ke | 2009 UK | 55.01667 | -3.01667 N | 21 |
| 8 | Betula pen | Midmore, EEngland Ke | 2009 UK | 55.01667 | -3.01667 N | 0 |
| 9 | Betula pen | Midmore, EEngland Ke | 2009 UK | 55.01667 | -3.01667 N | 0 |
| 10 | Betula pen | Midmore, EEngland Ke | 2009 UK | 55.01667 | -3.01667 N | 21 |
| 11 | Betula pen | Midmore, EEngland Ke | 2009 UK | 55.01667 | -3.01667 N | 21 |
| 12 | Betula pen | Midmore, EEngland Ke | 2009 UK | 55.01667 | -3.01667 N | 0 |
| 13 | Betula pen | Midmore, EEngland Ke | 2009 UK | 55.01667 | -3.01667 N | 21 |
| 14 | Primula vul | Marin, M., eScotia See | 2016 UK | 57.15 | -3.08333 N | 0 |
| 15 | Primula vul | Marin, M., eScotia See | 2016 UK | 57.15 | -3.08333 N | 0 |
| 16 | Primula vul | Marin, M., eScotia See | 2016 UK | 57.15 | -3.08333 N | 0 |
| 17 | Primula vul | Marin, M., eScotia See | 2016 UK | 57.15 | -3.08333 N | 0 |
| 18 | Primula vul | Marin, M., eScotia See | 2016 UK | 57.15 | -3.08333 N | 0 |
| 19 | Primula vul | Marin, M., eScotia See | 2016 UK | 57.15 | -3.08333 N | 0 |
| 20 | Primula vul | Marin, M., eScotia See | 2016 UK | 57.15 | -3.08333 N | 0 |
| 21 | Primula vul | Marin, M., eScotia See | 2016 UK | 57.15 | -3.08333 N | 0 |
| 22 | Primula vul | Marin, M., eScotia See | 2016 UK | 57.15 | -3.08333 N | 0 |
| 23 | Primula vul | Marin, M., eScotia See | 2016 UK | 57.15 | -3.08333 N | 0 |
| 24 | Primula vul | Marin, M., eScotia See | 2016 UK | 57.15 | -3.08333 N | 0 |
| 25 | Betula pen | Midmore, ELahti, Finla | 2002 Finland | 60.01667 | 25.01667 N | 0 |
| 26 | Betula pen | Midmore, ELahti, Finla | 2002 Finland | 60.01667 | 25.01667 N | 0 |
| 27 | Betula pen | Midmore, ELahti, Finla | 2002 Finland | 60.01667 | 25.01667 N | 21 |
| 28 | Betula pen | Midmore, ELahti, Finla | 2002 Finland | 60.01667 | 25.01667 N | 21 |
| 29 | Betula pen | Midmore, ELahti, Finla | 2002 Finland | 60.01667 | 25.01667 N | 0 |
| 30 | Betula pen | Midmore, ELahti, Finla | 2002 Finland | 60.01667 | 25.01667 N | 21 |
| 31 | Betula pen | Midmore, ELahti, Finla | 2002 Finland | 60.01667 | 25.01667 N | 0 |
| 32 | Betula pen | Midmore, ELahti, Finla | 2002 Finland | 60.01667 | 25.01667 N | 21 |
| 33 | Betula pen | Midmore, ELahti, Finla | 2002 Finland | 60.01667 | 25.01667 N | 21 |
| 34 | Betula pen | Midmore, ELahti, Finla | 2002 Finland | 60.01667 | 25.01667 N | 0 |
| 35 | Betula pen | Midmore, ELahti, Finla | 2002 Finland | 60.01667 | 25.01667 N | 0 |
| 36 | Betula pen | Midmore, ELahti, Finla | 2002 Finland | 60.01667 | 25.01667 N | 21 |
| 37 | Betula pen | Midmore, ELahti, Finla | 2002 Finland | 60.01667 | 25.01667 N | 21 |
| 38 | Betula pen | Midmore, ELahti, Finla | 2002 Finland | 60.01667 | 25.01667 N | 0 |
| 39 | Betula pen | Midmore, ERh ne-Alp | 2010 France | 47.01667 | 5.01667 N | 21 |
| 40 | Betula pen | Midmore, ERh ne-Alp | 2010 France | 47.01667 | 5.01667 N | 21 |
| 41 | Betula pen | Midmore, ERh ne-Alp | 2010 France | 47.01667 | 5.01667 N | 21 |
| 42 | Betula pen | Midmore, ERh ne-Alp | 2010 France | 47.01667 | 5.01667 N | 0 |
| 43 | Betula pen | Midmore, ERh ne-Alp | 2010 France | 47.01667 | 5.01667 N | 21 |
| 44 | Betula pen | Midmore, ERh ne-Alp | 2010 France | 47.01667 | 5.01667 N | 21 |
| 45 | Betula pen | Midmore, ERh ne-Alp | 2010 France | 47.01667 | 5.01667 N | 0 |
| 46 | Betula pen | Midmore, ERh ne-Alp | 2010 France | 47.01667 | 5.01667 N | 0 |
| 47 | Betula pen | Midmore, ERh ne-Alp | 2010 France | 47.01667 | 5.01667 N | 0 |
| 48 | Betula pen | Midmore, ERh ne-Alp | 2010 France | 47.01667 | 5.01667 N | 21 |
| 49 | Betula pen | Midmore, ERh ne-Alp | 2010 France | 47.01667 | 5.01667 N | 21 |
| 50 | Betula pen | Midmore, ERh ne-Alp | 2010 France | 47.01667 | 5.01667 N | 0 |
| 51 | Betula pen | Midmore, ERh ne-Alp | 2010 France | 47.01667 | 5.01667 N | 0 |
| 52 | Betula pen | Midmore, ERh ne-Alp | 2010 France | 47.01667 | 5.01667 N | 0 |
| 53 | Betula pen | Midmore, ERh ne-Alp | 2010 France | 47.01667 | 5.01667 N | 0 |
| 54 | Betula pen | Midmore, EScottish Hiq | 2001 UK | 57.01667 | -3.01667 N | 0 |
| 55 | Betula pen | Midmore, EScottish Hiq | 2001 UK | 57.01667 | -3.01667 N | 21 |
| 56 | Betula pen | Midmore, EScottish Hiq | 2001 UK | 57.01667 | -3.01667 N | 21 |
| 57 | Betula pen | Midmore, EScottish Hiq | 2001 UK | 57.01667 | -3.01667 N | 0 |
| 58 | Betula pen | Midmore, EScottish Hiq | 2001 UK | 57.01667 | -3.01667 N | 0 |
| 59 | Betula pen | Midmore, EScottish Hiq | 2001 UK | 57.01667 | -3.01667 N | 21 |
| 60 | Betula pen | Midmore, EScottish Hiq | 2001 UK | 57.01667 | -3.01667 N | 21 |

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|----|-------------|---------------|--------------|--------------|-----------------------------|----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Betula pen | Midmore, E | Scottish Hi | 2001 UK | 57.01667 -3.01667 N | 0 |
| 4 | Betula pen | Midmore, E | Scottish Hi | 2001 UK | 57.01667 -3.01667 N | 0 |
| 5 | Betula pen | Midmore, E | Scottish Hi | 2001 UK | 57.01667 -3.01667 N | 21 |
| 6 | Betula pen | Midmore, E | Scottish Hi | 2001 UK | 57.01667 -3.01667 N | 21 |
| 7 | Betula pen | Midmore, E | Scottish Hi | 2001 UK | 57.01667 -3.01667 N | 0 |
| 8 | Betula pen | Midmore, E | Scottish Hi | 2001 UK | 57.01667 -3.01667 N | 0 |
| 9 | Betula pen | Midmore, E | Scottish Hi | 2001 UK | 57.01667 -3.01667 N | 21 |
| 10 | Quercus ro | McCartan, | Moriago de | 2010 Italy | 45.86667 12.1 N | 0 |
| 11 | Quercus ro | McCartan, | Moriago de | 2010 Italy | 45.86667 12.1 N | 0 |
| 12 | Quercus ro | McCartan, | Moriago de | 2010 Italy | 45.86667 12.1 N | 0 |
| 13 | Quercus ro | McCartan, | Moriago de | 2010 Italy | 45.86667 12.1 N | 0 |
| 14 | Quercus ro | McCartan, | Moriago de | 2010 Italy | 45.86667 12.1 N | 0 |
| 15 | Quercus ro | McCartan, | Moriago de | 2010 Italy | 45.86667 12.1 N | 0 |
| 16 | Quercus ro | McCartan, | Moriago de | 2010 Italy | 45.86667 12.1 N | 0 |
| 17 | Quercus ro | McCartan, | Moriago de | 2010 Italy | 45.86667 12.1 N | 0 |
| 18 | Quercus ro | McCartan, | New Forest | 2010 UK | 50.86667 -1.56667 N | 0 |
| 19 | Quercus ro | McCartan, | New Forest | 2010 UK | 50.86667 -1.56667 N | 0 |
| 20 | Quercus ro | McCartan, | New Forest | 2010 UK | 50.86667 -1.56667 N | 0 |
| 21 | Quercus ro | McCartan, | New Forest | 2010 UK | 50.86667 -1.56667 N | 0 |
| 22 | Quercus ro | McCartan, | New Forest | 2010 UK | 50.86667 -1.56667 N | 0 |
| 23 | Quercus ro | McCartan, | New Forest | 2010 UK | 50.86667 -1.56667 N | 0 |
| 24 | Quercus ro | McCartan, | New Forest | 2010 UK | 50.86667 -1.56667 N | 0 |
| 25 | Quercus ile | Mart | n-G | Malpartida | 2012 Spain 39.96667 -6.05 N | 0 |
| 26 | Quercus ile | Mart | n-G | Malpartida | 2012 Spain 39.96667 -6.05 N | 0 |
| 27 | Quercus ile | Mart | n-G | Malpartida | 2012 Spain 39.96667 -6.05 N | 0 |
| 28 | Quercus ile | Mart | n-G | Malpartida | 2012 Spain 39.96667 -6.05 N | 0 |
| 29 | Pseudotsu | Li, X. J. B., | British Colu | 1990 Canada | 50.85 -118.033 N | 0 |
| 30 | Pinus cont | Li, X. J. B., | British Colu | 1990 Canada | 55.21667 -127.567 N | 0 |
| 31 | Pseudotsu | Li, X. J. B., | British Colu | 1990 Canada | 50.85 -118.033 N | 21 |
| 32 | Picea glauc | Liu, Y., et a | British Colu | 2014 Canada | 54.43333 -121.733 N | 21 |
| 33 | Abies amat | Li, X. J. B., | British Colu | 1990 Canada | 49.36667 -122.083 N | 21 |
| 34 | Abies gran | Li, X. J. B., | British Colu | 1988 Canada | 49.06667 -122.017 N | 21 |
| 35 | Tsuga hete | Li, X. J. B., | British Colu | 1990 Canada | 55.46667 -127.917 N | 0 |
| 36 | Pinus mont | Li, X. J. B., | British Colu | 1990 Canada | 50.93333 -118.217 N | 0 |
| 37 | Abies gran | Li, X. J. B., | British Colu | 1988 Canada | 49.06667 -122.017 N | 0 |
| 38 | Thuja plica | Li, X. J. B., | British Colu | 1990 Canada | 55.45 -127.833 N | 0 |
| 39 | Abies amat | Li, X. J. B., | British Colu | 1990 Canada | 49.36667 -122.083 N | 21 |
| 40 | Pinus pond | Li, X. J. B., | British Colu | 1989 Canada | 50.83333 -122.117 N | 0 |
| 41 | Abies lasio | Li, X. J. B., | British Colu | 1990 Canada | 55.5 -128.25 N | 0 |
| 42 | Abies gran | Ma, Y. L., e | British Colu | 1981 Canada | 49.46667 -124.8 N | 84 |
| 43 | Pinus mont | Li, X. J. B., | British Colu | 1990 Canada | 50.93333 -118.217 N | 0 |
| 44 | Pinus cont | Li, X. J. B., | British Colu | 1990 Canada | 55.21667 -127.567 N | 21 |
| 45 | Abies lasio | Li, X. J. B., | British Colu | 1990 Canada | 55.5 -128.25 N | 21 |
| 46 | Picea glauc | Li, X. J. B., | British Colu | 1990 Canada | 58.41667 -122.917 N | 21 |
| 47 | Picea glauc | Li, X. J. B., | British Colu | 1990 Canada | 58.41667 -122.917 N | 0 |
| 48 | Picea glauc | Li, X. J. B., | British Colu | 1990 Canada | 58.41667 -122.917 N | 21 |
| 49 | Tsuga hete | Li, X. J. B., | British Colu | 1990 Canada | 55.46667 -127.917 N | 21 |
| 50 | Larix occid | Li, X. J. B., | British Colu | 1989 Canada | 50.05 -115.633 N | 0 |
| 51 | Abies gran | Li, X. J. B., | British Colu | 1988 Canada | 49.06667 -122.017 N | 0 |
| 52 | Picea glauc | Li, X. J. B., | British Colu | 1990 Canada | 58.41667 -122.917 N | 0 |
| 53 | Pinus cont | Li, X. J. B., | British Colu | 1990 Canada | 55.21667 -127.567 N | 21 |
| 54 | Pinus mont | Feurtado, | J | British Colu | 2006 Canada 51.35 -125 N | 0 |
| 55 | Pinus cont | Li, X. J. B., | British Colu | 1990 Canada | 55.21667 -127.567 N | 0 |
| 56 | Picea glauc | Liu, Y., et a | British Colu | 2014 Canada | 54.43333 -121.733 N | 21 |
| 57 | Pinus pond | Li, X. J. B., | British Colu | 1989 Canada | 50.83333 -122.117 N | 21 |
| 58 | Pinus mont | Li, X. J. B., | British Colu | 1990 Canada | 50.93333 -118.217 N | 21 |
| 59 | Pinus pond | Li, X. J. B., | British Colu | 1989 Canada | 50.83333 -122.117 N | 21 |
| 60 | Pinus pond | Li, X. J. B., | British Colu | 1989 Canada | 50.83333 -122.117 N | 21 |

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|----|--------------------|-------------------------------|------|------------|----------|----------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Thuja plicata | Li, X. J. B., British Colu | 1990 | Canada | 55.45 | -127.833 N 21 |
| 4 | Pinus ponderosa | Li, X. J. B., British Colu | 1989 | Canada | 50.83333 | -122.117 N 0 |
| 5 | Larix occidens | Li, X. J. B., British Colu | 1989 | Canada | 50.05 | -115.633 N 21 |
| 6 | Tsuga mertensiana | Edwards, D British Colu | 1990 | Canada | 53.46667 | -123.933 N 28 |
| 7 | Pinus monticola | Li, X. J. B., British Colu | 1990 | Canada | 50.93333 | -118.217 N 21 |
| 8 | Abies lasiocarpa | Li, X. J. B., British Colu | 1990 | Canada | 55.5 | -128.25 N 21 |
| 9 | Tsuga mertensiana | Edwards, D British Colu | 1990 | Canada | 53.46667 | -123.933 N 0 |
| 10 | Abies grandis | Li, X. J. B., British Colu | 1988 | Canada | 49.06667 | -122.017 N 21 |
| 11 | Abies amabilis | Li, X. J. B., British Colu | 1990 | Canada | 49.36667 | -122.083 N 0 |
| 12 | Picea glauca | Liu, Y., et al British Colu | 2014 | Canada | 54.43333 | -121.733 N 21 |
| 13 | Abies amabilis | Ma, Y. L., et al British Colu | 1985 | Canada | 49.13333 | -122.75 N 84 |
| 14 | Abies procera | Ma, Y. L., et al British Colu | 1982 | Canada | 49 | -121.5 N 84 |
| 15 | Pseudotsuga | Li, X. J. B., British Colu | 1990 | Canada | 50.85 | -118.033 N 0 |
| 16 | Larix occidens | Li, X. J. B., British Colu | 1989 | Canada | 50.05 | -115.633 N 0 |
| 17 | Thuja plicata | Li, X. J. B., British Colu | 1990 | Canada | 55.45 | -127.833 N 21 |
| 18 | Tsuga mertensiana | Edwards, D British Colu | 1990 | Canada | 53.46667 | -123.933 N 0 |
| 19 | Abies amabilis | Li, X. J. B., British Colu | 1990 | Canada | 49.36667 | -122.083 N 0 |
| 20 | Tsuga heterophylla | Li, X. J. B., British Colu | 1990 | Canada | 55.46667 | -127.917 N 0 |
| 21 | Tsuga heterophylla | Li, X. J. B., British Colu | 1990 | Canada | 55.46667 | -127.917 N 21 |
| 22 | Tsuga mertensiana | Edwards, D British Colu | 1990 | Canada | 53.46667 | -123.933 N 28 |
| 23 | Abies lasiocarpa | Li, X. J. B., British Colu | 1990 | Canada | 55.5 | -128.25 N 0 |
| 24 | Pseudotsuga | Li, X. J. B., British Colu | 1990 | Canada | 50.85 | -118.033 N 21 |
| 25 | Larix occidens | Li, X. J. B., British Colu | 1989 | Canada | 50.05 | -115.633 N 21 |
| 26 | Abies lasiocarpa | Ma, Y. L., et al British Colu | 1992 | Canada | 55.26667 | -128.4 N 84 |
| 27 | Thuja plicata | Li, X. J. B., British Colu | 1990 | Canada | 55.45 | -127.833 N 0 |
| 28 | Quercus alifolia | Liu, Y., et al Beijing Bot | 2009 | China | 39.93333 | 116.3333 Y 0 |
| 29 | Quercus alifolia | Liu, Y., et al Beijing Bot | 2009 | China | 39.93333 | 116.3333 N 0 |
| 30 | Quercus robur | Liu, Y., et al Beijing Bot | 2009 | China | 39.93333 | 116.3333 N 0 |
| 31 | Quercus variabilis | Liu, Y., et al Beijing Bot | 2009 | China | 39.93333 | 116.3333 N 0 |
| 32 | Quercus variabilis | Liu, Y., et al Beijing Bot | 2009 | China | 39.93333 | 116.3333 Y 0 |
| 33 | Quercus robur | Liu, Y., et al Beijing Bot | 2009 | China | 39.93333 | 116.3333 Y 0 |
| 34 | Cornus florida | Liu, H., et al Knoxville, T | 2013 | USA | 35.95 | -83.9167 Y 0 |
| 35 | Cornus florida | Liu, H., et al Knoxville, T | 2013 | USA | 35.95 | -83.9167 Y 90 |
| 36 | Viscum album | Lee, B. D., Mt. Jiri (Sar | 2007 | South Kore | 35.33333 | 127.7167 N 0 |
| 37 | Viscum album | Lee, B. D., Mt. Jiri (Sar | 2007 | South Kore | 35.33333 | 127.7167 N 0 |
| 38 | Deschampsia | Liu, K., et al Maqu, Gan | 2008 | China | 33.75 | 102.0667 N 196 |
| 39 | Deschampsia | Liu, K., et al Maqu, Gan | 2008 | China | 33.75 | 102.0667 N 196 |
| 40 | Deschampsia | Liu, K., et al Maqu, Gan | 2008 | China | 33.75 | 102.0667 N 196 |
| 41 | Deschampsia | Liu, K., et al Maqu, Gan | 2008 | China | 33.75 | 102.0667 N 196 |
| 42 | Deschampsia | Liu, K., et al Maqu, Gan | 2008 | China | 33.75 | 102.0667 N 196 |
| 43 | Deschampsia | Liu, K., et al Maqu, Gan | 2008 | China | 33.75 | 102.0667 N 196 |
| 44 | Deschampsia | Liu, K., et al Maqu, Gan | 2008 | China | 33.75 | 102.0667 N 196 |
| 45 | Convallaria | Kondo, T., Sapporo, Ji | 2009 | Japan | 43.08333 | 141.35 N 0 |
| 46 | Convallaria | Kondo, T., Sapporo, Ji | 2009 | Japan | 43.08333 | 141.35 N 0 |
| 47 | Convallaria | Kondo, T., Sapporo, Ji | 2009 | Japan | 43.08333 | 141.35 N 0 |
| 48 | Convallaria | Kondo, T., Sapporo, Ji | 2009 | Japan | 43.08333 | 141.35 N 120 |
| 49 | Convallaria | Kondo, T., Sapporo, Ji | 2009 | Japan | 43.08333 | 141.35 N 0 |
| 50 | Convallaria | Kondo, T., Sapporo, Ji | 2009 | Japan | 43.08333 | 141.35 N 0 |
| 51 | Convallaria | Kondo, T., Sapporo, Ji | 2009 | Japan | 43.08333 | 141.35 N 0 |
| 52 | Convallaria | Kondo, T., Sapporo, Ji | 2009 | Japan | 43.08333 | 141.35 N 0 |
| 53 | Convallaria | Kondo, T., Sapporo, Ji | 2009 | Japan | 43.08333 | 141.35 N 120 |
| 54 | Convallaria | Kondo, T., Sapporo, Ji | 2009 | Japan | 43.08333 | 141.35 N 0 |
| 55 | Convallaria | Kondo, T., Sapporo, Ji | 2009 | Japan | 43.08333 | 141.35 N 0 |
| 56 | Convallaria | Kondo, T., Sapporo, Ji | 2009 | Japan | 43.08333 | 141.35 N 0 |
| 57 | Prunus avium | Iakovoglou, Vermio, Gri | 2010 | Greece | 40.58333 | 21.76667 N 28 |
| 58 | Prunus avium | Iakovoglou, Vermio, Gri | 2010 | Greece | 40.58333 | 21.76667 N 28 |
| 59 | Prunus spiraea | Iakovoglou, Lachana, G | 2010 | Greece | 40.95 | 23.2 N 28 |
| 60 | | | | | | |

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|----|--------------|--------------------------|--------------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Prunus spir | lakovoglou, Lachana, G | 2010 Greece | 40.95 | 23.2 N | 28 |
| 4 | Rosa canin | lakovoglou, Xiloupoli, G | 2010 Greece | 37.91667 | 23.75 Y | 28 |
| 5 | Rosa canin | lakovoglou, Xiloupoli, G | 2010 Greece | 37.91667 | 23.75 Y | 28 |
| 6 | Rosa canin | lakovoglou, Xiloupoli, G | 2010 Greece | 37.91667 | 23.75 N | 28 |
| 7 | Rosa canin | lakovoglou, Xiloupoli, G | 2010 Greece | 37.91667 | 23.75 N | 28 |
| 8 | Robinia ps | Giuliani, C. Six merged | 2011 Italy | 43.41667 | 11.13333 Y | 0 |
| 9 | Robinia ps | Giuliani, C. Six merged | 2011 Italy | 43.41667 | 11.13333 N | 0 |
| 10 | Robinia ps | Giuliani, C. Six merged | 2011 Italy | 43.41667 | 11.13333 Y | 0 |
| 11 | Robinia ps | Giuliani, C. Six merged | 2011 Italy | 43.41667 | 11.13333 Y | 0 |
| 12 | Robinia ps | Giuliani, C. Six merged | 2011 Italy | 43.41667 | 11.13333 Y | 0 |
| 13 | Robinia ps | Giuliani, C. Six merged | 2011 Italy | 43.41667 | 11.13333 Y | 0 |
| 14 | Pinus cont | C♦bar-Cai Reserva N | 2011 Chile | -38.4 | -71.5833 N | 20 |
| 15 | Oxalis acet | Graae, B. J France | 2005 France | 49.6 | 3.516667 N | 0 |
| 16 | Oxalis acet | Graae, B. J France | 2005 France | 49.6 | 3.516667 N | 126 |
| 17 | Geum urba | Graae, B. J France | 2005 France | 50.36667 | 2.266667 N | 0 |
| 18 | Stachys syl | Graae, B. J France | 2005 France | 49.51667 | 3.483333 N | 0 |
| 19 | Anemone n | Graae, B. J France | 2005 France | 50.38333 | 2.266667 N | 0 |
| 20 | Lamium ga | Graae, B. J France | 2005 France | 50.43333 | 2.8 N | 126 |
| 21 | Anemone n | Graae, B. J France | 2005 France | 50.38333 | 2.266667 N | 126 |
| 22 | Brachypodi | Graae, B. J France | 2005 France | 50.36667 | 2.266667 N | 0 |
| 23 | Circaea lut | Graae, B. J France | 2005 France | 50.36667 | 2.266667 N | 0 |
| 24 | Stellaria ho | Graae, B. J France | 2005 France | 50.38333 | 2.266667 N | 0 |
| 25 | Stachys syl | Graae, B. J France | 2005 France | 49.51667 | 3.483333 N | 126 |
| 26 | Stellaria ho | Graae, B. J France | 2005 France | 50.38333 | 2.266667 N | 126 |
| 27 | Geum urba | Graae, B. J France | 2005 France | 50.36667 | 2.266667 N | 126 |
| 28 | Mercurialis | Graae, B. J France | 2005 France | 50.43333 | 2.8 N | 0 |
| 29 | Melica unifl | Graae, B. J France | 2005 France | 50.36667 | 2.266667 N | 0 |
| 30 | Carex sylv | Graae, B. J France | 2005 France | 49.51667 | 3.483333 N | 126 |
| 31 | Melica unifl | Graae, B. J France | 2005 France | 50.36667 | 2.266667 N | 126 |
| 32 | Mercurialis | Graae, B. J France | 2005 France | 50.43333 | 2.8 N | 126 |
| 33 | Lamium ga | Graae, B. J France | 2005 France | 50.43333 | 2.8 N | 0 |
| 34 | Carex sylv | Graae, B. J France | 2005 France | 49.51667 | 3.483333 N | 0 |
| 35 | Circaea lut | Graae, B. J France | 2005 France | 50.36667 | 2.266667 N | 126 |
| 36 | Brachypodi | Graae, B. J France | 2005 France | 50.36667 | 2.266667 N | 126 |
| 37 | Circaea lut | Graae, B. J Belgium | 2005 Belgium | 50.8 | 4.7 N | 0 |
| 38 | Lamium ga | Graae, B. J Belgium | 2005 Belgium | 50.96667 | 3.8 N | 126 |
| 39 | Stellaria ho | Graae, B. J Belgium | 2005 Belgium | 50.8 | 4.7 N | 0 |
| 40 | Melica unifl | Graae, B. J Belgium | 2005 Belgium | 50.8 | 4.7 N | 126 |
| 41 | Lamium ga | Graae, B. J Belgium | 2005 Belgium | 50.96667 | 3.8 N | 0 |
| 42 | Melica unifl | Graae, B. J Belgium | 2005 Belgium | 50.8 | 4.7 N | 0 |
| 43 | Oxalis acet | Graae, B. J Belgium | 2005 Belgium | 50.96667 | 3.8 N | 0 |
| 44 | Geum urba | Graae, B. J Belgium | 2005 Belgium | 50.8 | 4.7 N | 0 |
| 45 | Circaea lut | Graae, B. J Belgium | 2005 Belgium | 50.8 | 4.7 N | 126 |
| 46 | Stachys syl | Graae, B. J Belgium | 2005 Belgium | 50.96667 | 3.8 N | 0 |
| 47 | Anemone n | Graae, B. J Belgium | 2005 Belgium | 50.96667 | 3.8 N | 0 |
| 48 | Anemone n | Graae, B. J Belgium | 2005 Belgium | 50.96667 | 3.8 N | 126 |
| 49 | Brachypodi | Graae, B. J Belgium | 2005 Belgium | 50.8 | 4.7 N | 0 |
| 50 | Geum urba | Graae, B. J Belgium | 2005 Belgium | 50.8 | 4.7 N | 126 |
| 51 | Carex sylv | Graae, B. J Belgium | 2005 Belgium | 50.8 | 4.7 N | 0 |
| 52 | Oxalis acet | Graae, B. J Belgium | 2005 Belgium | 50.96667 | 3.8 N | 126 |
| 53 | Mercurialis | Graae, B. J Belgium | 2005 Belgium | 50.96667 | 3.8 N | 0 |
| 54 | Stachys syl | Graae, B. J Belgium | 2005 Belgium | 50.96667 | 3.8 N | 126 |
| 55 | Stellaria ho | Graae, B. J Belgium | 2005 Belgium | 50.8 | 4.7 N | 126 |
| 56 | Brachypodi | Graae, B. J Belgium | 2005 Belgium | 50.8 | 4.7 N | 126 |
| 57 | Mercurialis | Graae, B. J Belgium | 2005 Belgium | 50.96667 | 3.8 N | 126 |
| 58 | Carex sylv | Graae, B. J Belgium | 2005 Belgium | 50.8 | 4.7 N | 126 |
| 59 | | | | | | |
| 60 | | | | | | |

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|----------------------------------|--------------|----------|------------|-----|
| Anemone nGraae, B. JNW Germa | 2005 Germany | 53.31667 | 9.383333 N | 126 |
| Mercurialis Graae, B. JNW Germa | 2005 Germany | 53.41667 | 9.383333 N | 126 |
| Mercurialis Graae, B. JNW Germa | 2005 Germany | 53.41667 | 9.383333 N | 0 |
| Stachys sylGraae, B. JNW Germa | 2005 Germany | 53.4 | 9.366667 N | 0 |
| BrachypodiGraae, B. JNW Germa | 2005 Germany | 53.4 | 9.366667 N | 0 |
| Carex sylvæGraae, B. JNW Germa | 2005 Germany | 53.31667 | 9.383333 N | 126 |
| Circaea lutæGraae, B. JNW Germa | 2005 Germany | 53.21667 | 8.633333 N | 126 |
| Carex sylvæGraae, B. JNW Germa | 2005 Germany | 53.31667 | 9.383333 N | 0 |
| Anemone nGraae, B. JNW Germa | 2005 Germany | 53.31667 | 9.383333 N | 0 |
| Geum urbaGraae, B. JNW Germa | 2005 Germany | 53.18333 | 8.666667 N | 0 |
| Oxalis acetGraae, B. JNW Germa | 2005 Germany | 53.18333 | 8.666667 N | 0 |
| Geum urbaGraae, B. JNW Germa | 2005 Germany | 53.18333 | 8.666667 N | 126 |
| Stachys sylGraae, B. JNW Germa | 2005 Germany | 53.4 | 9.366667 N | 126 |
| Stellaria hoGraae, B. JNW Germa | 2005 Germany | 53.18333 | 8.666667 N | 0 |
| BrachypodiGraae, B. JNW Germa | 2005 Germany | 53.4 | 9.366667 N | 126 |
| Oxalis acetGraae, B. JNW Germa | 2005 Germany | 53.18333 | 8.666667 N | 126 |
| Stellaria hoGraae, B. JNW Germa | 2005 Germany | 53.18333 | 8.666667 N | 126 |
| Circaea lutæGraae, B. JNW Germa | 2005 Germany | 53.21667 | 8.633333 N | 0 |
| Anemone nGraae, B. JNE Germar | 2005 Germany | 52.28333 | 13.11667 N | 0 |
| Geum urbaGraae, B. JNE Germar | 2005 Germany | 52.58333 | 13 N | 126 |
| Circaea lutæGraae, B. JNE Germar | 2005 Germany | 52.58333 | 13 N | 126 |
| Melica uniflGraae, B. JNE Germar | 2005 Germany | 52.58333 | 13.01667 N | 0 |
| Carex sylvæGraae, B. JNE Germar | 2005 Germany | 53.01667 | 13.9 N | 126 |
| Geum urbaGraae, B. JNE Germar | 2005 Germany | 52.58333 | 13 N | 0 |
| Oxalis acetGraae, B. JNE Germar | 2005 Germany | 52.28333 | 13.11667 N | 126 |
| Stellaria hoGraae, B. JNE Germar | 2005 Germany | 52.58333 | 13.01667 N | 126 |
| BrachypodiGraae, B. JNE Germar | 2005 Germany | 52.58333 | 13 N | 126 |
| Lamium gaGraae, B. JNE Germar | 2005 Germany | 52.58333 | 13.01667 N | 0 |
| Carex sylvæGraae, B. JNE Germar | 2005 Germany | 53.01667 | 13.9 N | 0 |
| Mercurialis Graae, B. JNE Germar | 2005 Germany | 52.28333 | 13.11667 N | 0 |
| BrachypodiGraae, B. JNE Germar | 2005 Germany | 52.58333 | 13 N | 0 |
| Circaea lutæGraae, B. JNE Germar | 2005 Germany | 52.58333 | 13 N | 0 |
| Oxalis acetGraae, B. JNE Germar | 2005 Germany | 52.28333 | 13.11667 N | 0 |
| Melica uniflGraae, B. JNE Germar | 2005 Germany | 52.58333 | 13.01667 N | 126 |
| Mercurialis Graae, B. JNE Germar | 2005 Germany | 52.28333 | 13.11667 N | 126 |
| Stachys sylGraae, B. JNE Germar | 2005 Germany | 52.58333 | 13.01667 N | 126 |
| Lamium gaGraae, B. JNE Germar | 2005 Germany | 52.58333 | 13.01667 N | 126 |
| Stellaria hoGraae, B. JNE Germar | 2005 Germany | 52.58333 | 13.01667 N | 0 |
| Stachys sylGraae, B. JNE Germar | 2005 Germany | 52.58333 | 13.01667 N | 0 |
| Anemone nGraae, B. JNE Germar | 2005 Germany | 52.28333 | 13.11667 N | 126 |
| Quercus ileLe◆n-LobcUniversity c | 1997 UK | 51.43333 | -0.95 N | 0 |
| Castanea sLe◆n-LobcUniversity c | 1997 UK | 51.43333 | -0.95 N | 0 |
| Quercus ceLe◆n-LobcUniversity c | 1997 UK | 51.43333 | -0.95 N | 0 |
| Carex sylvæGraae, B. JS Sweden | 2005 Sweden | 55.53333 | 13.26667 N | 126 |
| BrachypodiGraae, B. JS Sweden | 2005 Sweden | 56.15 | 13.6 N | 126 |
| Oxalis acetGraae, B. JS Sweden | 2005 Sweden | 56.4 | 12.96667 N | 126 |
| Mercurialis Graae, B. JS Sweden | 2005 Sweden | 56.4 | 12.96667 N | 0 |
| Melica uniflGraae, B. JS Sweden | 2005 Sweden | 55.55 | 13.3 N | 126 |
| Oxalis acetGraae, B. JS Sweden | 2005 Sweden | 56.4 | 12.96667 N | 0 |
| Carex sylvæGraae, B. JS Sweden | 2005 Sweden | 55.53333 | 13.26667 N | 0 |
| Mercurialis Graae, B. JS Sweden | 2005 Sweden | 56.4 | 12.96667 N | 126 |
| Geum urbaGraae, B. JS Sweden | 2005 Sweden | 55.53333 | 13.26667 N | 126 |
| Stachys sylGraae, B. JS Sweden | 2005 Sweden | 55.55 | 13.18333 N | 0 |
| Stachys sylGraae, B. JS Sweden | 2005 Sweden | 55.55 | 13.18333 N | 126 |
| Geum urbaGraae, B. JS Sweden | 2005 Sweden | 55.53333 | 13.26667 N | 0 |
| Circaea lutæGraae, B. JS Sweden | 2005 Sweden | 55.53333 | 13.16667 N | 126 |

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|----|-------------------------------------|-----------------|----------|------------|--|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | BrachypodiGraae, B. J S Sweden | 2005 Sweden | 56.15 | 13.6 N | | 0 |
| 4 | Anemone nGraae, B. J S Sweden | 2005 Sweden | 55.53333 | 13.18333 N | | 0 |
| 5 | Melica uniflGraae, B. J S Sweden | 2005 Sweden | 55.55 | 13.3 N | | 0 |
| 6 | Anemone nGraae, B. J S Sweden | 2005 Sweden | 55.53333 | 13.18333 N | | 126 |
| 7 | Circaea lutGraae, B. J S Sweden | 2005 Sweden | 55.53333 | 13.16667 N | | 0 |
| 8 | Lamium gaGraae, B. J C Sweden | 2005 Sweden | 59.31667 | 17.88333 N | | 126 |
| 9 | Stellaria hoGraae, B. J C Sweden | 2005 Sweden | 59.31667 | 17.88333 N | | 0 |
| 10 | Geum urbaGraae, B. J C Sweden | 2005 Sweden | 58.95 | 17.6 N | | 0 |
| 11 | Oxalis acetGraae, B. J C Sweden | 2005 Sweden | 58.91667 | 17.16667 N | | 126 |
| 12 | Carex sylvGraae, B. J C Sweden | 2005 Sweden | 59.33333 | 18.16667 N | | 126 |
| 13 | Melica uniflGraae, B. J C Sweden | 2005 Sweden | 58.95 | 17.6 N | | 0 |
| 14 | Stachys sylGraae, B. J C Sweden | 2005 Sweden | 58.95 | 17.6 N | | 126 |
| 15 | Stellaria hoGraae, B. J C Sweden | 2005 Sweden | 59.31667 | 17.88333 N | | 126 |
| 16 | Oxalis acetGraae, B. J C Sweden | 2005 Sweden | 58.91667 | 17.16667 N | | 0 |
| 17 | Carex sylvGraae, B. J C Sweden | 2005 Sweden | 59.33333 | 18.16667 N | | 0 |
| 18 | Anemone nGraae, B. J C Sweden | 2005 Sweden | 59.36667 | 18.05 N | | 126 |
| 19 | BrachypodiGraae, B. J C Sweden | 2005 Sweden | 59.31667 | 17.88333 N | | 126 |
| 20 | Mercurialis Graae, B. J C Sweden | 2005 Sweden | 59.31667 | 17.88333 N | | 126 |
| 21 | Mercurialis Graae, B. J C Sweden | 2005 Sweden | 59.31667 | 17.88333 N | | 0 |
| 22 | Anemone nGraae, B. J C Sweden | 2005 Sweden | 59.36667 | 18.05 N | | 0 |
| 23 | BrachypodiGraae, B. J C Sweden | 2005 Sweden | 59.31667 | 17.88333 N | | 0 |
| 24 | Stachys sylGraae, B. J C Sweden | 2005 Sweden | 58.95 | 17.6 N | | 0 |
| 25 | Geum urbaGraae, B. J C Sweden | 2005 Sweden | 58.95 | 17.6 N | | 126 |
| 26 | Melica uniflGraae, B. J C Sweden | 2005 Sweden | 58.95 | 17.6 N | | 126 |
| 27 | Lamium gaGraae, B. J C Sweden | 2005 Sweden | 59.31667 | 17.88333 N | | 0 |
| 28 | Geum urbaBaeten, L., Ancient for | 2009 Belgium | 51.01667 | 4.016667 N | | 112 |
| 29 | Primula elaBaeten, L., Ancient for | 2009 Belgium | 51.01667 | 4.016667 N | | 0 |
| 30 | Primula elaBaeten, L., Ancient for | 2013 Belgium | 51.01667 | 4.016667 N | | 154 |
| 31 | Primula elaBaeten, L., Post-agricu | 2009 Belgium | 51.01667 | 4.016667 N | | 0 |
| 32 | Geum urbaBaeten, L., Post-agricu | 2009 Belgium | 51.01667 | 4.016667 N | | 112 |
| 33 | Sorbus aucAfroze, F. zBallintempl | 2011 Ireland | 52.73333 | -6.7 N | | 224 |
| 34 | Sorbus aucAfroze, F. zBallintempl | 2009 Ireland | 52.71667 | -6.68333 N | | 0 |
| 35 | Sorbus aucAfroze, F. zBallintempl | 2009 Ireland | 52.71667 | -6.68333 N | | 140 |
| 36 | Sorbus aucAfroze, F. zBallintempl | 2009 Ireland | 52.71667 | -6.68333 N | | 140 |
| 37 | Sorbus aucAfroze, F. zBallintempl | 2009 Ireland | 52.71667 | -6.68333 N | | 0 |
| 38 | Syringa retiWest, T. P. North Dako | 2012 USA | 46.88333 | -96.8 N | | 0 |
| 39 | Arbutus unVasques, ABraga, Port | 2009 Portugal | 37.83333 | -8.66667 N | | 0 |
| 40 | Arbutus unVasques, ABraga, Port | 2009 Portugal | 37.83333 | -8.66667 N | | 70 |
| 41 | Arbutus unVasques, ACoimbra, P | 2009 Portugal | 40.23333 | -8.65 N | | 0 |
| 42 | Arbutus unVasques, ACoimbra, P | 2009 Portugal | 40.23333 | -8.65 N | | 70 |
| 43 | Arbutus unVasques, AFaro, Portu | 2009 Portugal | 37.23333 | -8.8 N | | 70 |
| 44 | Arbutus unVasques, AFaro, Portu | 2009 Portugal | 37.23333 | -8.8 N | | 0 |
| 45 | Pinus dens Song, U., e Korea | 2013 South Kore | 36.48333 | 128.05 N | | 0 |
| 46 | Quercus ileLeiva, M. J. Villamanriq | 2015 Spain | 37.23333 | -6.31667 N | | 0 |
| 47 | Quercus ileLeiva, M. J. Villamanriq | 2015 Spain | 37.23333 | -6.31667 Y | | 0 |
| 48 | Crataegus iMancilla-LeVillamanriq | 2012 Spain | 37.23333 | -6.33333 N | | 0 |
| 49 | Viburnum lSantiago, ACorduente, | 2009 Spain | 40.85 | -1.98333 N | | 0 |
| 50 | Viburnum lSantiago, ACorduente, | 2009 Spain | 40.85 | -1.98333 N | | 0 |
| 51 | Viburnum lSantiago, ACorduente, | 2009 Spain | 40.85 | -1.98333 N | | 168 |
| 52 | Viburnum lSantiago, ACorduente, | 2009 Spain | 40.85 | -1.98333 N | | 168 |
| 53 | Viburnum lSantiago, ACorduente, | 2009 Spain | 40.85 | -1.98333 N | | 168 |
| 54 | Viburnum lSantiago, ACorduente, | 2009 Spain | 40.85 | -1.98333 N | | 0 |
| 55 | Viburnum lSantiago, ACorduente, | 2009 Spain | 40.85 | -1.98333 N | | 168 |
| 56 | Viburnum lSantiago, ACorduente, | 2009 Spain | 40.85 | -1.98333 N | | 168 |
| 57 | Viburnum lSantiago, ACorduente, | 2009 Spain | 40.85 | -1.98333 N | | 0 |
| 58 | Viburnum lSantiago, ACorduente, | 2009 Spain | 40.85 | -1.98333 N | | 168 |
| 59 | Viburnum lSantiago, ACorduente, | 2009 Spain | 40.85 | -1.98333 N | | 0 |
| 60 | Viburnum lSantiago, ACorduente, | 2009 Spain | 40.85 | -1.98333 N | | 168 |

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|-------------------------------------|------|------------|----------|------------|-----|
| Viburnum l;Santiago, ACorduente, | 2009 | Spain | 40.85 | -1.98333 N | 0 |
| Viburnum l;Santiago, ACorduente, | 2009 | Spain | 40.85 | -1.98333 N | 168 |
| Viburnum l;Santiago, ACorduente, | 2009 | Spain | 40.85 | -1.98333 N | 168 |
| Viburnum l;Santiago, ACorduente, | 2009 | Spain | 40.85 | -1.98333 N | 168 |
| Viburnum l;Santiago, ACorduente, | 2009 | Spain | 40.85 | -1.98333 N | 168 |
| Viburnum l;Santiago, ACorduente, | 2009 | Spain | 40.85 | -1.98333 N | 168 |
| Viburnum l;Santiago, ACorduente, | 2009 | Spain | 40.85 | -1.98333 N | 0 |
| Viburnum l;Santiago, ACorduente, | 2009 | Spain | 40.85 | -1.98333 N | 168 |
| Viburnum l;Santiago, ACorduente, | 2009 | Spain | 40.85 | -1.98333 N | 0 |
| Viburnum l;Santiago, ACorduente, | 2009 | Spain | 40.85 | -1.98333 N | 168 |
| Viburnum l;Santiago, ACorduente, | 2009 | Spain | 40.85 | -1.98333 N | 168 |
| Viburnum l;Santiago, ACorduente, | 2009 | Spain | 40.85 | -1.98333 N | 0 |
| Viburnum l;Santiago, ACorduente, | 2009 | Spain | 40.85 | -1.98333 N | 168 |
| Viburnum l;Santiago, ACorduente, | 2009 | Spain | 40.85 | -1.98333 N | 168 |
| Ostrya carçPipinis, E., Northern G | 2008 | Greece | 39.95 | 21.2 N | 0 |
| Ostrya carçPipinis, E., Northern G | 2008 | Greece | 39.95 | 21.2 N | 120 |
| Carpinus oıPipinis, E., Northern G | 2008 | Greece | 39.95 | 21.2 N | 120 |
| Carpinus oıPipinis, E., Northern G | 2008 | Greece | 39.95 | 21.2 N | 0 |
| Carpinus bıPipinis, E., Northern G | 2008 | Greece | 39.96667 | 21.2 N | 0 |
| Carpinus bıPipinis, E., Northern G | 2008 | Greece | 39.96667 | 21.2 N | 120 |
| Viburnum fıPhartyal, S Sapporo, H | 2007 | Japan | 43 | 141.35 N | 0 |
| Viburnum fıPhartyal, S Sapporo, H | 2007 | Japan | 43 | 141.35 N | 0 |
| Viburnum fıPhartyal, S Sapporo, H | 2007 | Japan | 43 | 141.35 N | 0 |
| Viburnum fıPhartyal, S Sapporo, H | 2007 | Japan | 43 | 141.35 N | 0 |
| Viburnum fıPhartyal, S Sapporo, H | 2007 | Japan | 43 | 141.35 N | 0 |
| Viburnum fıPhartyal, S Sapporo, H | 2007 | Japan | 43 | 141.35 N | 0 |
| Viburnum fıPhartyal, S Sapporo, H | 2007 | Japan | 43 | 141.35 N | 0 |
| SanguisorbLudewig, KRieger & H | 2010 | Germany | 49.28333 | 9.916667 N | 35 |
| SanguisorbLudewig, KRieger & H | 2010 | Germany | 49.28333 | 9.916667 N | 35 |
| Filipendula Ludewig, KRieger & H | 2010 | Germany | 49.28333 | 9.916667 N | 35 |
| Filipendula Ludewig, KRieger & H | 2010 | Germany | 49.28333 | 9.916667 N | 35 |
| Galium borıLudewig, KNorthern Uı | 2010 | Germany | 49.83333 | 8.416667 N | 35 |
| Galium borıLudewig, KNorthern Uı | 2010 | Germany | 49.83333 | 8.416667 N | 35 |
| Galium palıLudewig, KMiddle Elbe | 2010 | Germany | 52.53333 | 11.98333 N | 35 |
| Galium palıLudewig, KMiddle Elbe | 2010 | Germany | 52.53333 | 11.98333 N | 35 |
| Pinus contıLiu, Y. and TOD, British | 1978 | Canada | 50.93333 | -122.833 N | 0 |
| Pinus contıLiu, Y. and WK, British | 1987 | Canada | 49.11667 | -118.367 N | 0 |
| Tsuga heteLiu, Y. and WK, British | 2008 | Canada | 50.13333 | -117.967 N | 0 |
| Pinus contıLiu, Y. and CT, British | 1988 | Canada | 52.05 | -121.083 N | 0 |
| Pinus contıLiu, Y. and CHL, British | 1996 | Canada | 52.85 | -123.633 N | 0 |
| Malus baccıKim, D. H. :ıSuwon | 2015 | South Kore | 37.26667 | 127 N | 60 |
| RhododencıKim, D. H. :ıSuwon | 2015 | South Kore | 37.26667 | 127 N | 0 |
| Pinus densıKim, D. H. :ıSuwon | 2015 | South Kore | 37.26667 | 127 N | 0 |
| RhododencıKim, D. H. :ıSuwon | 2015 | South Kore | 37.26667 | 127 N | 0 |
| RhododencıKim, D. H. :ıSuwon | 2015 | South Kore | 37.26667 | 127 N | 0 |
| Malus baccıKim, D. H. :ıSuwon | 2015 | South Kore | 37.26667 | 127 N | 60 |
| RhododencıKim, D. H. :ıSuwon | 2015 | South Kore | 37.26667 | 127 N | 0 |
| Pinus densıKim, D. H. :ıSuwon | 2015 | South Kore | 37.26667 | 127 N | 0 |
| Pinus contıLiu, Y. and TOA, British | 2005 | Canada | 50.45 | -120.05 N | 0 |
| Tsuga heteLiu, Y. and NST, British | 1978 | Canada | 55.5 | -128.95 N | 0 |
| Tsuga heteLiu, Y. and M, British C | 1979 | Canada | 48.98333 | -124.417 N | 0 |
| Tsuga heteLiu, Y. and SM, British | 1992 | Canada | 54.58333 | -128.083 N | 0 |
| Tsuga heteLiu, Y. and MIC, British | 1993 | Canada | 51.03333 | -118.267 N | 0 |
| Reynoutria GroenevelcQuebec Cit | 2012 | Canada | 46.81667 | -71.2167 N | 0 |
| MiscanthusDwiıanti, MJM0575, nc | 2010 | Japan | 43.45 | 142.8167 N | 0 |
| MiscanthusDwiıanti, MJM0575, nc | 2010 | Japan | 43.45 | 142.8167 N | 0 |

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|----|--------------------------------------|-----------------|----------|------------|--|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | MiscanthusDwiyanti, MJM0594, ce | 2010 Japan | 35.9 | 137.7333 N | | 0 |
| 4 | MiscanthusDwiyanti, MJM0594, ce | 2010 Japan | 35.9 | 137.7333 N | | 0 |
| 5 | MiscanthusDwiyanti, MJM0620, sc | 2010 Japan | 33.1 | 131.0167 N | | 0 |
| 6 | MiscanthusDwiyanti, MJM0620, sc | 2010 Japan | 33.1 | 131.0167 N | | 0 |
| 7 | Pinus sylveCastoldi, E. Seed mass | 2011 Spain | 40.9 | -3.86667 N | | 0 |
| 8 | Betula erm:Kim, D. H. :Mt. Jiri | 2015 South Kore | 35.33333 | 127.7167 N | | 60 |
| 9 | Betula erm:Kim, D. H. :Mt. Jiri | 2015 South Kore | 35.33333 | 127.7167 N | | 60 |
| 10 | Pinus sylveCastoldi, E. Seed mass | 2011 Spain | 40.9 | -3.86667 N | | 0 |
| 11 | Quercus ileCaliskan, SCanakkale, | 2013 Turkey | 40.16667 | 25.83333 N | | 0 |
| 12 | Quercus ileCaliskan, SCanakkale, | 2013 Turkey | 40.16667 | 25.83333 N | | 0 |
| 13 | Quercus ileCaliskan, SSinop, Turk | 2013 Turkey | 40.01667 | 35 N | | 0 |
| 14 | Quercus ileCaliskan, SSinop, Turk | 2013 Turkey | 40.01667 | 35 N | | 0 |
| 15 | Quercus ileCaliskan, SAydin, Turk | 2013 Turkey | 37.65 | 27.08333 N | | 0 |
| 16 | Quercus ileCaliskan, SAydin, Turk | 2013 Turkey | 37.65 | 27.08333 N | | 0 |
| 17 | Quercus ileCaliskan, SMugla, Turl | 2013 Turkey | 36.71667 | 27.53333 N | | 0 |
| 18 | Quercus ileCaliskan, SMugla, Turl | 2013 Turkey | 36.71667 | 27.53333 N | | 0 |
| 19 | Rhamnus aAou-ouad, Esporles, M | 2010 Spain | 39.66667 | 2.566667 N | | 0 |
| 20 | Rhamnus aAou-ouad, Esporles, M | 2010 Spain | 39.66667 | 2.566667 N | | 0 |
| 21 | Rhamnus aAou-ouad, Esporles, M | 2010 Spain | 39.66667 | 2.566667 N | | 0 |
| 22 | Rhamnus aAou-ouad, Esporles, M | 2010 Spain | 39.66667 | 2.566667 N | | 0 |
| 23 | Rhamnus aAou-ouad, Lloret, Mall | 2010 Spain | 39.61667 | 2.966667 N | | 0 |
| 24 | Rhamnus aAou-ouad, Lloret, Mall | 2010 Spain | 39.61667 | 2.966667 N | | 0 |
| 25 | Rhamnus aAou-ouad, Lloret, Mall | 2010 Spain | 39.61667 | 2.966667 N | | 0 |
| 26 | Fraxinus orYilmaz, M. Menzelet (t | 2012 Turkey | 37.68333 | 36.83333 N | | 126 |
| 27 | Fraxinus orYilmaz, M. Menzelet (t | 2012 Turkey | 37.68333 | 36.83333 N | | 0 |
| 28 | Fraxinus orYilmaz, M. Boztoprak (| 2012 Turkey | 37.53333 | 36.3 N | | 126 |
| 29 | Fraxinus orYilmaz, M. Boztoprak (| 2012 Turkey | 37.53333 | 36.3 N | | 0 |
| 30 | Fraxinus orYilmaz, M. D◆zi◆i (O | 2012 Turkey | 37.26667 | 36.5 N | | 0 |
| 31 | Fraxinus orYilmaz, M. D◆zi◆i (O | 2012 Turkey | 37.26667 | 36.5 N | | 126 |
| 32 | Prunus padKim, D. H. :Chungju | 2015 South Kore | 36.96667 | 127.9167 N | | 60 |
| 33 | Maackia anKim, D. H. :Chungju | 2015 South Kore | 36.96667 | 127.9167 N | | 0 |
| 34 | Maackia anKim, D. H. :Chungju | 2015 South Kore | 36.96667 | 127.9167 N | | 0 |
| 35 | Prunus padKim, D. H. :Chungju | 2015 South Kore | 36.96667 | 127.9167 N | | 60 |
| 36 | Fraxinus orYilmaz, M. Kozan (Ad | 2012 Turkey | 37.51667 | 35.86667 N | | 0 |
| 37 | Fraxinus orYilmaz, M. Kozan (Ad | 2012 Turkey | 37.51667 | 35.86667 N | | 126 |
| 38 | Fraxinus orYilmaz, M. Pozant? (A | 2012 Turkey | 37.36667 | 34.88333 N | | 0 |
| 39 | Fraxinus orYilmaz, M. Pozant? (A | 2012 Turkey | 37.36667 | 34.88333 N | | 126 |
| 40 | Fraxinus orYilmaz, M. G◆ndo?mi | 2012 Turkey | 36.81667 | 32 N | | 0 |
| 41 | Fraxinus orYilmaz, M. G◆ndo?mi | 2012 Turkey | 36.81667 | 32 N | | 126 |
| 42 | Fraxinus orYilmaz, M. E?irdir (Isp | 2012 Turkey | 37.73333 | 30.83333 N | | 0 |
| 43 | Fraxinus orYilmaz, M. E?irdir (Isp | 2012 Turkey | 37.73333 | 30.83333 N | | 126 |
| 44 | Rumex aceYazdi, S. A Qaemshah | 2010 Iran | 36.45 | 52.85 N | | 30 |
| 45 | Rumex aceYazdi, S. A Qaemshah | 2010 Iran | 36.45 | 52.85 N | | 0 |
| 46 | Rumex aceYazdi, S. A Qaemshah | 2010 Iran | 36.45 | 52.85 Y | | 0 |
| 47 | Lapsana ccWille, W., eBotanical G | 2008 Denmark | 55.66667 | 12.53333 N | | 21 |
| 48 | Urtica dioicWille, W., eBotanical G | 2008 Denmark | 55.66667 | 12.53333 N | | 21 |
| 49 | BrachypodiWille, W., eBotanical G | 2008 Denmark | 55.66667 | 12.53333 N | | 21 |
| 50 | Poa trivialisWille, W., eBotanical G | 2008 Denmark | 55.66667 | 12.53333 N | | 21 |
| 51 | Ilex rotundTezuka, T., Osaka Pref | 2007 Japan | 34.53333 | 135.5 N | | 308 |
| 52 | Calluna vulSpindelboc Norway | 2007 Norway | 63.51667 | 10.25 N | | 28 |
| 53 | Calluna vulSpindelboc Norway | 2007 Norway | 63.51667 | 10.25 N | | 0 |
| 54 | Acer pseudDaws, M. I. Norway | 2003 Norway | 60.2 | 5.316667 N | | 0 |
| 55 | Fraxinus pSchmiedel, Dessau, S | 2006 Germany | 51.81667 | 12.23333 N | | 0 |
| 56 | Lonicera xySantiago, AOrea, Guac | 2008 Spain | 40.53333 | -1.71667 N | | 0 |
| 57 | Lonicera xySantiago, AOrea, Guac | 2008 Spain | 40.53333 | -1.71667 N | | 0 |
| 58 | Lonicera xySantiago, AOrea, Guac | 2008 Spain | 40.53333 | -1.71667 N | | 0 |
| 59 | Lonicera xySantiago, AOrea, Guac | 2008 Spain | 40.53333 | -1.71667 N | | 0 |
| 60 | Lonicera xySantiago, AOrea, Guac | 2008 Spain | 40.53333 | -1.71667 N | | 0 |

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|----|--------------------------|-------------|------|------------|----------|------------|-----|
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | Lonicera xySantiago, A | Orea, Guac | 2008 | Spain | 40.53333 | -1.71667 N | 0 |
| 4 | Lonicera xySantiago, A | Orea, Guac | 2008 | Spain | 40.53333 | -1.71667 N | 0 |
| 5 | Lonicera xySantiago, A | Orea, Guac | 2008 | Spain | 40.53333 | -1.71667 N | 0 |
| 6 | Lonicera xySantiago, A | Orea, Guac | 2008 | Spain | 40.53333 | -1.71667 N | 0 |
| 7 | Lonicera xySantiago, A | Orea, Guac | 2008 | Spain | 40.53333 | -1.71667 N | 0 |
| 8 | Lonicera xySantiago, A | Orea, Guac | 2008 | Spain | 40.53333 | -1.71667 N | 0 |
| 9 | Lonicera xySantiago, A | Orea, Guac | 2008 | Spain | 40.53333 | -1.71667 N | 0 |
| 10 | Lonicera xySantiago, A | Orea, Guac | 2008 | Spain | 40.53333 | -1.71667 N | 0 |
| 11 | Zelkova seiKim, D. H. | : lmsil | 2015 | South Kore | 35.6 | 127.2167 N | 60 |
| 12 | Zelkova seiKim, D. H. | : lmsil | 2015 | South Kore | 35.6 | 127.2167 N | 60 |
| 13 | Galanthus iNewton, R. | Wakehurst | 2009 | UK | 51.06667 | ##### N | 0 |
| 14 | Galanthus iNewton, R. | Wakehurst | 2009 | UK | 51.06667 | ##### N | 0 |
| 15 | Galanthus iNewton, R. | Wakehurst | 2009 | UK | 51.06667 | ##### N | 0 |
| 16 | Galanthus iNewton, R. | Wakehurst | 2009 | UK | 51.06667 | ##### N | 0 |
| 17 | Galanthus iNewton, R. | Wakehurst | 2009 | UK | 51.06667 | ##### N | 0 |
| 18 | Galanthus iNewton, R. | Wakehurst | 2009 | UK | 51.06667 | ##### N | 0 |
| 19 | Galanthus iNewton, R. | Wakehurst | 2009 | UK | 51.06667 | ##### N | 0 |
| 20 | Corylus avMichalak, M | Jarocin ♦ (| 2012 | Poland | 51.96667 | 17.5 Y | 98 |
| 21 | Picea glaucLiu, Y., et a | 33356 WK, | 1991 | Canada | 50.25 | -118.167 N | 0 |
| 22 | Picea glaucLiu, Y., et a | 33356 WK, | 1991 | Canada | 50.25 | -118.167 N | 21 |
| 23 | Picea glaucLiu, Y., et a | 35707 MIC | 1991 | Canada | 51.03333 | -118.8 N | 21 |
| 24 | Picea glaucLiu, Y., et a | 35707 MIC | 1991 | Canada | 51.03333 | -118.8 N | 0 |
| 25 | Picea glaucLiu, Y., et a | 37842 MGF | 1992 | Canada | 54.43333 | -121.733 N | 21 |
| 26 | Picea glaucLiu, Y., et a | 37842 MGF | 1992 | Canada | 54.43333 | -121.733 N | 0 |
| 27 | Picea glaucLiu, Y., et a | 39450 CP, | 1994 | Canada | 55.05 | -125.033 N | 0 |
| 28 | Picea glaucLiu, Y., et a | 39450 CP, | 1994 | Canada | 55.05 | -125.033 N | 21 |
| 29 | Picea glaucLiu, Y., et a | 45353 SM, | 1996 | Canada | 54.65 | -128.75 N | 21 |
| 30 | Picea glaucLiu, Y., et a | 45353 SM, | 1996 | Canada | 54.65 | -128.75 N | 0 |
| 31 | Cercis canLi, S., et al. | Elsberry, M | 2011 | USA | 39.15 | -90.7833 Y | 14 |
| 32 | MiscanthusLee, K. Y., | Mokpo Nati | 2011 | South Kore | 34.9 | 126.4333 N | 0 |
| 33 | MiscanthusLee, K. Y., | Mokpo Nati | 2011 | South Kore | 34.9 | 126.4333 Y | 0 |
| 34 | MiscanthusLee, K. Y., | Mokpo Nati | 2011 | South Kore | 34.9 | 126.4333 Y | 0 |
| 35 | MiscanthusLee, K. Y., | Mokpo Nati | 2011 | South Kore | 34.9 | 126.4333 Y | 0 |
| 36 | MiscanthusLee, K. Y., | Mokpo Nati | 2011 | South Kore | 34.9 | 126.4333 N | 0 |
| 37 | MiscanthusLee, K. Y., | Mokpo Nati | 2011 | South Kore | 34.9 | 126.4333 Y | 0 |
| 38 | MiscanthusLee, K. Y., | Mokpo Nati | 2011 | South Kore | 34.9 | 126.4333 N | 0 |
| 39 | MiscanthusLee, K. Y., | Mokpo Nati | 2011 | South Kore | 34.9 | 126.4333 N | 0 |
| 40 | Vicia unijugHu, X., et a | Qinghai-Tik | 2010 | China | 35.26667 | 102.5 Y | 0 |
| 41 | Vicia unijugHu, X., et a | Qinghai-Tik | 2010 | China | 35.26667 | 102.5 Y | 0 |
| 42 | Vicia unijugHu, X., et a | Qinghai-Tik | 2010 | China | 35.26667 | 102.5 Y | 0 |
| 43 | Vicia unijugHu, X., et a | Qinghai-Tik | 2010 | China | 35.26667 | 102.5 Y | 0 |
| 44 | Quercus roKaliniewicz | batch 76 S: | 2016 | Poland | 53.55 | 20.98333 Y | 30 |
| 45 | Quercus roKaliniewicz | batch 76 S: | 2016 | Poland | 53.55 | 20.98333 N | 30 |
| 46 | Picea abiesHimanen, k | Heinamaki, | 2006 | Finland | 62.21667 | 25.4 N | 0 |
| 47 | Picea abiesHimanen, k | Pohja, Fink | 2008 | Finland | 60.01667 | 23.01667 N | 0 |
| 48 | Picea abiesHimanen, k | Leppaniem | 1995 | Finland | 61.93333 | 26.68333 N | 0 |
| 49 | Cornus kouFu, X. X., e | Funiu mour | 2009 | China | 33.83333 | 111.2 N | 50 |
| 50 | Cornus kouFu, X. X., e | Funiu mour | 2009 | China | 33.83333 | 111.2 N | 0 |
| 51 | Acer velutirFarhadi, M. | 300 m, Sha | 2012 | Iran | 36.7 | 54.35 N | 112 |
| 52 | Acer velutirFarhadi, M. | 300 m, Sha | 2012 | Iran | 36.7 | 54.35 N | 0 |
| 53 | Acer velutirFarhadi, M. | 600 m, Sha | 2012 | Iran | 36.7 | 54.35 N | 0 |
| 54 | Acer velutirFarhadi, M. | 600 m, Sha | 2012 | Iran | 36.7 | 54.35 N | 112 |
| 55 | Acer velutirFarhadi, M. | 900 m, Sha | 2012 | Iran | 36.7 | 54.35 N | 112 |
| 56 | Acer velutirFarhadi, M. | 900 m, Sha | 2012 | Iran | 36.7 | 54.35 N | 0 |
| 57 | Acer velutirFarhadi, M. | 1200 m, Sh | 2012 | Iran | 36.7 | 54.35 N | 0 |
| 58 | Acer velutirFarhadi, M. | 1200 m, Sh | 2012 | Iran | 36.7 | 54.35 N | 112 |
| 59 | Acer velutirFarhadi, M. | 1500 m, Sh | 2012 | Iran | 36.7 | 54.35 N | 0 |
| 60 | Acer velutirFarhadi, M. | 1500 m, Sh | 2012 | Iran | 36.7 | 54.35 N | 0 |

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|----|------------------------------------|----------------|----------|------------|--|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Acer velutirFarhadi, M. 1500 m, Sh | 2012 Iran | 36.7 | 54.35 N | | 112 |
| 4 | Acer velutirFarhadi, M. 1800 m, Sh | 2012 Iran | 36.7 | 54.35 N | | 0 |
| 5 | Acer velutirFarhadi, M. 1800 m, Sh | 2012 Iran | 36.7 | 54.35 N | | 112 |
| 6 | Quercus roKaliniewicz batch 91 S: | 2016 Poland | 53.55 | 20.98333 Y | | 30 |
| 7 | Quercus roKaliniewicz batch 91 S: | 2016 Poland | 53.55 | 20.98333 N | | 30 |
| 8 | Fagus sylvæBezdz?kov Jizera Moun | 2009 Czech Rep | 50.71667 | 14.98333 N | | 0 |
| 9 | Fagus sylvæBezdz?kov White Carp | 2009 Czech Rep | 49.26667 | 18.13333 N | | 0 |
| 10 | Fagus sylvæBezdz?kov 2nd White C | 2009 Czech Rep | 49.26667 | 18.13333 N | | 0 |
| 11 | Fagus sylvæBezdz?kov Lesko-Sred | 2010 Poland | 49.46667 | 22.31667 N | | 0 |
| 12 | Fagus sylvæBezdz?kov Krasieczyn-k | 2010 Poland | 49.76667 | 22.65 N | | 0 |
| 13 | Fagus sylvæBezdz?kov Rymanow, | 2010 Poland | 49.56667 | 21.86667 N | | 0 |
| 14 | Arbutus unıBertsouklis Mount Parr | 2008 Greece | 38.13333 | 23.78333 N | | 0 |
| 15 | Arbutus unıBertsouklis Mount Parr | 2008 Greece | 38.13333 | 23.78333 N | | 0 |
| 16 | Arbutus unıBertsouklis Mount Parr | 2008 Greece | 38.13333 | 23.78333 N | | 60 |
| 17 | Arbutus unıBertsouklis Mount Parr | 2008 Greece | 38.13333 | 23.78333 N | | 0 |
| 18 | Arbutus unıBertsouklis Mount Parr | 2008 Greece | 38.13333 | 23.78333 N | | 60 |
| 19 | Arbutus unıBertsouklis Mount Parr | 2008 Greece | 38.13333 | 23.78333 N | | 60 |
| 20 | Arbutus unıBertsouklis Mount Parr | 2008 Greece | 38.13333 | 23.78333 N | | 60 |
| 21 | Arbutus unıBertsouklis Mount Parr | 2008 Greece | 38.13333 | 23.78333 N | | 60 |
| 22 | Arbutus unıBertsouklis Mount Parr | 2008 Greece | 38.13333 | 23.78333 N | | 0 |
| 23 | Hypericum Basto, S., eHarpur Hill, | 2012 UK | 53.21667 | -1.91667 N | | 0 |
| 24 | PhragmitesYu, J., et alYellow Rive | 2010 China | 37.58333 | 118.55 N | | 0 |
| 25 | Fraxinus orYilmaz, M. Andirin/K.M | 2007 Turkey | 37.6 | 36.4 N | | 112 |
| 26 | Fraxinus orYilmaz, M. Andirin/K.M | 2007 Turkey | 37.6 | 36.4 N | | 112 |
| 27 | Fraxinus orYilmaz, M. Andirin/K.M | 2007 Turkey | 37.6 | 36.4 N | | 112 |
| 28 | Fraxinus orYilmaz, M. Andirin/K.M | 2007 Turkey | 37.6 | 36.4 N | | 112 |
| 29 | Fraxinus orYilmaz, M. Andirin/K.M | 2007 Turkey | 37.6 | 36.4 N | | 112 |
| 30 | Fraxinus orYilmaz, M. Andirin/K.M | 2007 Turkey | 37.6 | 36.4 N | | 112 |
| 31 | Fraxinus orYilmaz, M. Andirin/K.M | 2007 Turkey | 37.6 | 36.4 N | | 112 |
| 32 | Fraxinus orYilmaz, M. Andirin/K.M | 2007 Turkey | 37.6 | 36.4 N | | 112 |
| 33 | Quercus roKaliniewicz batch 131 S | 2016 Poland | 53.55 | 20.98333 Y | | 30 |
| 34 | Quercus roKaliniewicz batch 131 S | 2016 Poland | 53.55 | 20.98333 N | | 30 |
| 35 | Fraxinus orYilmaz, M. Kozan/Ada | 2007 Turkey | 37.51667 | 35.86667 N | | 112 |
| 36 | Fraxinus orYilmaz, M. Kozan/Ada | 2007 Turkey | 37.51667 | 35.86667 N | | 112 |
| 37 | Fraxinus orYilmaz, M. Kozan/Ada | 2007 Turkey | 37.51667 | 35.86667 N | | 112 |
| 38 | Fraxinus orYilmaz, M. Kozan/Ada | 2007 Turkey | 37.51667 | 35.86667 N | | 112 |
| 39 | Fraxinus orYilmaz, M. Kozan/Ada | 2007 Turkey | 37.51667 | 35.86667 N | | 112 |
| 40 | Fraxinus orYilmaz, M. Kozan/Ada | 2007 Turkey | 37.51667 | 35.86667 N | | 112 |
| 41 | Fraxinus orYilmaz, M. Kozan/Ada | 2007 Turkey | 37.51667 | 35.86667 N | | 112 |
| 42 | Fraxinus orYilmaz, M. Kozan/Ada | 2007 Turkey | 37.51667 | 35.86667 N | | 112 |
| 43 | Fraxinus orYilmaz, M. Pozanti/Ada | 2007 Turkey | 37.36667 | 34.88333 N | | 112 |
| 44 | Fraxinus orYilmaz, M. Pozanti/Ada | 2007 Turkey | 37.36667 | 34.88333 N | | 112 |
| 45 | Fraxinus orYilmaz, M. Pozanti/Ada | 2007 Turkey | 37.36667 | 34.88333 N | | 112 |
| 46 | Fraxinus orYilmaz, M. Pozanti/Ada | 2007 Turkey | 37.36667 | 34.88333 N | | 112 |
| 47 | Fraxinus orYilmaz, M. Pozanti/Ada | 2007 Turkey | 37.36667 | 34.88333 N | | 112 |
| 48 | Fraxinus orYilmaz, M. Pozanti/Ada | 2007 Turkey | 37.36667 | 34.88333 N | | 112 |
| 49 | Fraxinus orYilmaz, M. Pozanti/Ada | 2007 Turkey | 37.36667 | 34.88333 N | | 112 |
| 50 | Fraxinus orYilmaz, M. Pozanti/Ada | 2007 Turkey | 37.36667 | 34.88333 N | | 112 |
| 51 | Fraxinus orYilmaz, M. Pozanti/Ada | 2007 Turkey | 37.36667 | 34.88333 N | | 112 |
| 52 | Viburnum cWalck, J. L Japan, Hok | 2004 Japan | 44.35 | 143.35 N | | 84 |
| 53 | Viburnum cWalck, J. L Japan, Hok | 2004 Japan | 44.35 | 143.35 N | | 84 |
| 54 | Viburnum cWalck, J. L Japan, Hok | 2004 Japan | 44.35 | 143.35 N | | 84 |
| 55 | Viburnum cWalck, J. L Japan, Hok | 2004 Japan | 44.35 | 143.35 N | | 84 |
| 56 | Viburnum cWalck, J. L Japan, Hok | 2004 Japan | 44.35 | 143.35 N | | 84 |
| 57 | Viburnum cWalck, J. L Canada, Ne | 2004 Canada | 46.1 | -64.7833 N | | 84 |
| 58 | Viburnum cWalck, J. L Canada, Ne | 2004 Canada | 46.1 | -64.7833 N | | 84 |
| 59 | Viburnum cWalck, J. L Canada, Ne | 2004 Canada | 46.1 | -64.7833 N | | 84 |
| 60 | Viburnum cWalck, J. L Canada, Ne | 2004 Canada | 46.1 | -64.7833 N | | 84 |

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|----|--------------------------------------|------|---------|----------|----------|---|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Viburnum cWalck, J. L Canada, N | 2004 | Canada | 46.1 | -64.7833 | N |
| 4 | Viburnum cWalck, J. L Sweden, O | 2004 | Sweden | 58.41667 | 15.5 | N |
| 5 | Viburnum cWalck, J. L Sweden, O | 2004 | Sweden | 58.41667 | 15.5 | N |
| 6 | Viburnum cWalck, J. L Sweden, O | 2004 | Sweden | 58.41667 | 15.5 | N |
| 7 | Viburnum cWalck, J. L Sweden, O | 2004 | Sweden | 58.41667 | 15.5 | N |
| 8 | Viburnum cWalck, J. L Sweden, O | 2004 | Sweden | 58.41667 | 15.5 | N |
| 9 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 10 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 11 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 12 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 13 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 14 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 15 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 16 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 17 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 18 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 19 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 20 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 21 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 22 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 23 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 24 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 25 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 26 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 27 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 28 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 29 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 30 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 31 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 32 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 33 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 34 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 35 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 36 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 37 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 38 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 39 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 40 | ScrophulariVranckx, G Meerdaalw | 2008 | Belgium | 50.8 | 4.7 | N |
| 41 | Pinus nigra Takos, I., e Greek Natic | 2010 | Greece | 38.35 | 23.28333 | N |
| 42 | CampanulaSeglie, L., eGiaglione g | 2006 | Italy | 44.3 | 7.45 | N |
| 43 | CampanulaSeglie, L., eValle Gessi | 2006 | Italy | 44.23333 | 7.516667 | N |
| 44 | CampanulaSeglie, L., eVal Tronce | 2006 | Italy | 44.95 | 6.933333 | N |
| 45 | Quercus ro Kaliniewicz batch 161 S | 2016 | Poland | 53.55 | 20.98333 | N |
| 46 | Quercus ro Kaliniewicz batch 161 S | 2016 | Poland | 53.55 | 20.98333 | Y |
| 47 | CampanulaSeglie, L., eVal Vermer | 2006 | Italy | 44.23333 | 7.533333 | N |
| 48 | CampanulaSeglie, L., eValle Stura | 2006 | Italy | 44.26667 | 7.016667 | N |
| 49 | CampanulaSeglie, L., eValle Stura | 2006 | Italy | 44.03333 | 7.033333 | N |
| 50 | CampanulaSeglie, L., eVal Sesia g | 2006 | Italy | 46.01667 | 8.066667 | N |
| 51 | CampanulaSeglie, L., eVal Grande | 2006 | Italy | 44.23333 | 7.533333 | N |
| 52 | CampanulaSeglie, L., eVallecrosia | 2006 | Italy | 43.78333 | 7.05 | N |
| 53 | CampanulaSeglie, L., eBarzio gras | 2006 | Italy | 45.93333 | 9.033333 | N |
| 54 | Bromus tecRawlins, J. Lookout Pa | 2005 | USA | 40.1 | -112.55 | N |
| 55 | Bromus tecRawlins, J. Lookout Pa | 2005 | USA | 40.1 | -112.55 | N |
| 56 | Bromus tecRawlins, J. Lookout Pa | 2005 | USA | 40.1 | -112.55 | N |
| 57 | Bromus tecRawlins, J. Lookout Pa | 2005 | USA | 40.1 | -112.55 | N |
| 58 | Bromus tecRawlins, J. Lookout Pa | 2005 | USA | 40.1 | -112.55 | N |
| 59 | Bromus tecRawlins, J. Lookout Pa | 2005 | USA | 40.1 | -112.55 | N |
| 60 | Bromus tecRawlins, J. Lookout Pa | 2005 | USA | 40.1 | -112.55 | N |

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|----|-------------------------------------|----------------|----------|------------|--|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Bromus tecRawlins, J. Lookout Pa | 2005 USA | 40.1 | -112.55 N | | 0 |
| 4 | Bromus tecRawlins, J. Skull Valley | 2005 USA | 40.38333 | -112.717 N | | 0 |
| 5 | Bromus tecRawlins, J. Skull Valley | 2005 USA | 40.38333 | -112.717 N | | 0 |
| 6 | Bromus tecRawlins, J. Skull Valley | 2005 USA | 40.38333 | -112.717 N | | 0 |
| 7 | Bromus tecRawlins, J. Skull Valley | 2005 USA | 40.38333 | -112.717 N | | 0 |
| 8 | Bromus tecRawlins, J. Skull Valley | 2005 USA | 40.38333 | -112.717 N | | 0 |
| 9 | Bromus tecRawlins, J. Skull Valley | 2005 USA | 40.38333 | -112.717 N | | 0 |
| 10 | Bromus tecRawlins, J. Skull Valley | 2005 USA | 40.38333 | -112.717 N | | 0 |
| 11 | Achillea milRawlins, J. UDWR-Lot | 2003 USA | 47.25 | -120.533 N | | 0 |
| 12 | Achillea milRawlins, J. UDWR-Lot | 2003 USA | 47.25 | -120.533 N | | 0 |
| 13 | Achillea milRawlins, J. UDWR-Lot | 2003 USA | 47.25 | -120.533 N | | 0 |
| 14 | Achillea milRawlins, J. UDWR-Lot | 2003 USA | 47.25 | -120.533 N | | 0 |
| 15 | Achillea milRawlins, J. UDWR-Lot | 2003 USA | 47.25 | -120.533 N | | 0 |
| 16 | Achillea milRawlins, J. UDWR-Lot | 2003 USA | 47.25 | -120.533 N | | 0 |
| 17 | Achillea milRawlins, J. UDWR-Lot | 2003 USA | 47.25 | -120.533 N | | 0 |
| 18 | Achillea milRawlins, J. UDWR-Lot | 2003 USA | 47.25 | -120.533 N | | 0 |
| 19 | Elymus elyiRawlins, J. UDWR-Sar | 2003 USA | 39.35 | -111.583 N | | 0 |
| 20 | Elymus elyiRawlins, J. UDWR-Sar | 2003 USA | 39.35 | -111.583 N | | 0 |
| 21 | Elymus elyiRawlins, J. UDWR-Sar | 2003 USA | 39.35 | -111.583 N | | 0 |
| 22 | Elymus elyiRawlins, J. UDWR-Sar | 2003 USA | 39.35 | -111.583 N | | 0 |
| 23 | Elymus elyiRawlins, J. UDWR-Sar | 2003 USA | 39.35 | -111.583 N | | 0 |
| 24 | Elymus elyiRawlins, J. UDWR-Sar | 2003 USA | 39.35 | -111.583 N | | 0 |
| 25 | Elymus elyiRawlins, J. UDWR-Sar | 2003 USA | 39.35 | -111.583 N | | 0 |
| 26 | Pinus sylveKaliniewicz Ruciane-Ni | 2011 Poland | 53.01667 | 21.01667 N | | 0 |
| 27 | Pinus pondPasquini, NTrevelin, Cl | 2000 Argentina | -43.0667 | -71.45 N | | 21 |
| 28 | Dactylis glcOliveira, G.Non-local s | 2005 Portugal | 38.48333 | -8.93333 N | | 0 |
| 29 | SanguisorbOliveira, G.Non-local s | 2005 Portugal | 38.48333 | -8.93333 N | | 0 |
| 30 | Lotus corniOliveira, G.Non-local s | 2005 Portugal | 38.48333 | -8.93333 N | | 0 |
| 31 | Carpinus oiMerou, T., iDrama, Gre | 2011 Greece | 41.15 | 24.16667 N | | 0 |
| 32 | Carpinus oiMerou, T., iDrama, Gre | 2011 Greece | 41.15 | 24.16667 Y | | 90 |
| 33 | Carpinus oiMerou, T., iDrama, Gre | 2011 Greece | 41.15 | 24.16667 N | | 90 |
| 34 | Castanea dDalgleish, iFour merge | 2009 USA | 39.71667 | -86.2167 N | | 180 |
| 35 | Camellia siChen, H., eKunming, C | 2010 China | 25.01667 | 102.7167 N | | 0 |
| 36 | Camellia siChen, H., eLincang, Cl | 2010 China | 23.88333 | 100.0833 N | | 0 |
| 37 | Camellia siChen, H., ePuer, Chin | 2010 China | 22.81667 | 100.9667 N | | 0 |
| 38 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 39 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 40 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 41 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 42 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 43 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 44 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 45 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 46 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 47 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 48 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 49 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 50 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 51 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 52 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 53 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 54 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 55 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 56 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 57 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 58 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 59 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |
| 60 | TaraxacumLuo, J. and Ohio State | 2007 USA | 40.78333 | -81.9167 N | | 0 |

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|----|--------------|----------------------------|------|---------|----------|------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Taraxacum | Luo, J. and Ohio State | 2007 | USA | 40.78333 | -81.9167 N |
| 4 | Ficus carica | ali?kan, (cv. Bursa S | 2009 | Turkey | 36.33333 | 36.18333 N |
| 5 | Ficus carica | ali?kan, (cv. Bursa S | 2009 | Turkey | 36.33333 | 36.18333 N |
| 6 | Ficus carica | ali?kan, (cv. Sarilop, | 2009 | Turkey | 36.33333 | 36.18333 N |
| 7 | Ficus carica | ali?kan, (cv. Sarilop, | 2009 | Turkey | 36.33333 | 36.18333 N |
| 8 | Agrostis ca | Zhang, X., Commercia | 2016 | China | 36.41667 | 116 N |
| 9 | Pinus sylve | Kaliniewicz Mikolajki, P | 2007 | Poland | 53.01667 | 21.01667 N |
| 10 | Castanea s | Benedetti, 'Las Minas, | 2008 | Chile | -39.9167 | -73.2167 N |
| 11 | Castanea s | Benedetti, 'Pillo Pillo, C | 2008 | Chile | -39.8667 | -73.1 N |
| 12 | Rubus parv | Wada, S. a USA | 2007 | USA | 37.41667 | -79.6833 N |
| 13 | Rubus parv | Wada, S. a USA | 2007 | USA | 37.41667 | -79.6833 Y |
| 14 | Lotus corni | Hill, M. J. L USA | 1990 | USA | 38.35 | -100.267 Y |
| 15 | Lotus corni | Hill, M. J. L USA | 1990 | USA | 38.35 | -100.267 Y |
| 16 | Securigera | Hill, M. J. L USA | 1990 | USA | 38.35 | -100.267 Y |
| 17 | Securigera | Hill, M. J. L USA | 1990 | USA | 38.35 | -100.267 Y |
| 18 | Lotus corni | Hill, M. J. L USA | 1990 | USA | 38.35 | -100.267 Y |
| 19 | Securigera | Hill, M. J. L USA | 1990 | USA | 38.35 | -100.267 Y |
| 20 | Securigera | Hill, M. J. L USA | 1990 | USA | 38.35 | -100.267 Y |
| 21 | Securigera | Hill, M. J. L USA | 1990 | USA | 38.35 | -100.267 Y |
| 22 | Lotus corni | Hill, M. J. L USA | 1990 | USA | 38.35 | -100.267 Y |
| 23 | Lotus corni | Hill, M. J. L USA | 1990 | USA | 38.35 | -100.267 Y |
| 24 | Rubus ursir | Wada, S. a Oregon Sta | 2006 | USA | 44.53333 | -123.2 N |
| 25 | Rubus parv | Wada, S. a Oregon Sta | 2006 | USA | 44.53333 | -123.2 N |
| 26 | Rubus ursir | Wada, S. a Oregon Sta | 2006 | USA | 44.53333 | -123.2 Y |
| 27 | Rubus cae | Wada, S. a Oregon Sta | 2006 | USA | 44.53333 | -123.2 N |
| 28 | Rubus crat | Wada, S. a Oregon Sta | 2006 | USA | 44.53333 | -123.2 N |
| 29 | Rubus cae | Wada, S. a Oregon Sta | 2006 | USA | 44.53333 | -123.2 Y |
| 30 | Pinus nigra | Temel, F., r23 average | 1998 | Turkey | 37.68333 | 30.9 N |
| 31 | Cistus creti | Tavsanoglu Bozburun p | 2008 | Turkey | 36.76667 | 28.16667 N |
| 32 | Cistus creti | Tavsanoglu Bozburun p | 2008 | Turkey | 36.76667 | 28.16667 Y |
| 33 | Cistus creti | Tavsanoglu Bozburun p | 2008 | Turkey | 36.76667 | 28.16667 N |
| 34 | Dactylis glc | Stanislavlje Zaje ar, S | 2007 | Serbia | 43.85 | 22.36667 N |
| 35 | Primula het | Sharaf, A. f Saravan, G | 2010 | Iran | 37.05 | 49.65 Y |
| 36 | Quercus ile | Pasquini, S Monte Lup | 2008 | Italy | 45.56667 | 10.66667 N |
| 37 | Quercus ile | Pasquini, S Porto Caler | 2008 | Italy | 45.1 | 12.31667 N |
| 38 | Pinus sylve | Kaliniewicz Lomza, Pol | 2010 | Poland | 53.01667 | 22.01667 N |
| 39 | Carex pens | McGinnis, f Prairie Moc | 2005 | USA | 43.9 | -91.6333 N |
| 40 | Carex pens | McGinnis, f Prairie Moc | 2005 | USA | 43.9 | -91.6333 N |
| 41 | Carex pens | McGinnis, f Prairie Moc | 2005 | USA | 43.9 | -91.6333 N |
| 42 | Carex pens | McGinnis, f Prairie Moc | 2005 | USA | 43.9 | -91.6333 N |
| 43 | Carex pens | McGinnis, f Prairie Moc | 2005 | USA | 43.9 | -91.6333 N |
| 44 | Carex pens | McGinnis, f Prairie Moc | 2005 | USA | 43.9 | -91.6333 N |
| 45 | Origanum | l Liopa-Tsak Messolongl | 2010 | Greece | 38.36667 | 21.41667 N |
| 46 | Diospyros | l Elbers, J. F Sheffield | 2009 | USA | 42.63333 | -76.4833 N |
| 47 | Quercus p | l Elbers, J. F Louisiana F | 2009 | USA | 31.11667 | -92.4333 Y |
| 48 | Fraxinus or | Draghici, C R? cari, Ror | 2009 | Romania | 44.61667 | 25.73333 N |
| 49 | Fraxinus or | Draghici, C Dr? g? ? ani, | 2009 | Romania | 44.65 | 24.25 N |
| 50 | Fraxinus or | Draghici, C Bal?, Rom | 2009 | Romania | 44.35 | 24.08333 N |
| 51 | Fraxinus e | Doody, C. l Coillte See | 2005 | Ireland | 52.73333 | -6.7 N |
| 52 | Fraxinus e | Doody, C. l Coillte See | 2005 | Ireland | 52.73333 | -6.7 N |
| 53 | Miscanthus | Clifton-Brox Mx117, UK | 2010 | UK | 53.3 | -1.48333 N |
| 54 | Miscanthus | Clifton-Brox Mx117, UK | 2010 | UK | 53.3 | -1.48333 N |
| 55 | Miscanthus | Clifton-Brox Mx117, UK | 2010 | UK | 53.3 | -1.48333 N |
| 56 | Miscanthus | Clifton-Brox Mx117, UK | 2010 | UK | 53.3 | -1.48333 N |
| 57 | Miscanthus | Clifton-Brox Mx117, UK | 2010 | UK | 53.3 | -1.483 |

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|----|-------------------------------------|--------------|----------|------------|--|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Securigera Chunhui, WJindao See | 2010 China | 25.33333 | 110.35 N | | 0 |
| 4 | Alnus glutirKaliniewicz Gorowo Ilar | 2012 Poland | 54.31667 | 20.31667 N | | 0 |
| 5 | Achillea milBeckmann,3 merged p | 2006 Germany | 51.01667 | 11.01667 N | | 0 |
| 6 | Achillea milBeckmann,3 merged p | 2006 Germany | 51.01667 | 11.01667 N | | 0 |
| 7 | Achillea milBeckmann,3 merged p | 2006 Germany | 51.01667 | 11.01667 N | | 0 |
| 8 | Actaea racAlbrecht, MATHens and | 2002 USA | 39.31667 | -82.0833 N | | 0 |
| 9 | SanguinariAlbrecht, MATHens and | 2002 USA | 39.31667 | -82.0833 N | | 0 |
| 10 | Actaea racAlbrecht, MATHens and | 2002 USA | 39.31667 | -82.0833 N | | 0 |
| 11 | SanguinariAlbrecht, MATHens and | 2002 USA | 39.31667 | -82.0833 N | | 0 |
| 12 | SanguinariAlbrecht, MATHens and | 2002 USA | 39.31667 | -82.0833 N | | 0 |
| 13 | Actaea racAlbrecht, MATHens and | 2002 USA | 39.31667 | -82.0833 N | | 0 |
| 14 | SanguinariAlbrecht, MATHens and | 2002 USA | 39.31667 | -82.0833 N | | 0 |
| 15 | Actaea racAlbrecht, MATHens and | 2002 USA | 39.31667 | -82.0833 N | | 0 |
| 16 | AristolochiAdams, C. Pine Mount | 1999 USA | 37.05 | -82.8667 N | | 84 |
| 17 | AristolochiAdams, C. Pine Mount | 1999 USA | 37.05 | -82.8667 N | | 0 |
| 18 | AristolochiAdams, C. Pine Mount | 1999 USA | 37.05 | -82.8667 N | | 84 |
| 19 | AristolochiAdams, C. Pine Mount | 1999 USA | 37.05 | -82.8667 N | | 0 |
| 20 | AristolochiAdams, C. Pine Mount | 1999 USA | 37.05 | -82.8667 N | | 0 |
| 21 | AristolochiAdams, C. Pine Mount | 1999 USA | 37.05 | -82.8667 N | | 0 |
| 22 | AristolochiAdams, C. Pine Mount | 1999 USA | 37.05 | -82.8667 N | | 0 |
| 23 | AristolochiAdams, C. Pine Mount | 1999 USA | 37.05 | -82.8667 N | | 84 |
| 24 | AristolochiAdams, C. Pine Mount | 1999 USA | 37.05 | -82.8667 N | | 84 |
| 25 | AristolochiAdams, C. Pine Mount | 1999 USA | 37.05 | -82.8667 N | | 0 |
| 26 | AristolochiAdams, C. Pine Mount | 1999 USA | 37.05 | -82.8667 N | | 84 |
| 27 | AristolochiAdams, C. Pine Mount | 1999 USA | 37.05 | -82.8667 N | | 0 |
| 28 | AristolochiAdams, C. Pine Mount | 1999 USA | 37.05 | -82.8667 N | | 84 |
| 29 | Prunus serZuloaga-AçLas Joyas | 2009 Mexico | 19.58333 | -104.617 N | | 0 |
| 30 | Prunus serZuloaga-AçLas Joyas | 2009 Mexico | 19.58333 | -104.617 Y | | 0 |
| 31 | Oenanthe jXiao, C., etCentral Chi | 2007 China | 32.51667 | 111.1333 N | | 0 |
| 32 | Oenanthe jXiao, C., etCentral Chi | 2007 China | 32.51667 | 111.1333 N | | 45 |
| 33 | Robinia psWu, A.-P., (China Natic | 2007 China | 39.96667 | 116.4 N | | 0 |
| 34 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 90 |
| 35 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 90 |
| 36 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 0 |
| 37 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 0 |
| 38 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 90 |
| 39 | Rumex aceVan AsschLeuven, Be | 1993 Belgium | 50.86667 | 4.7 N | | 0 |
| 40 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 90 |
| 41 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 90 |
| 42 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 90 |
| 43 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 90 |
| 44 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 0 |
| 45 | Medicago lVan AsschLeuven, Be | 1996 Belgium | 50.86667 | 4.683333 N | | 0 |
| 46 | Lotus corniVan AsschLeuven, Be | 1996 Belgium | 50.86667 | 4.683333 N | | 0 |
| 47 | Anemone rDe Frenne,Leuven, Be | 2006 Belgium | 50.86667 | 4.683333 N | | 182 |
| 48 | Medicago lVan AsschLeuven, Be | 1996 Belgium | 50.86667 | 4.683333 N | | 0 |
| 49 | Rumex aceVan AsschLeuven, Be | 1993 Belgium | 50.86667 | 4.7 N | | 0 |
| 50 | Rumex aceVan AsschLeuven, Be | 1993 Belgium | 50.86667 | 4.7 N | | 0 |
| 51 | Sanicula elVandelook,Leuven, Be | 2007 Belgium | 50.85 | 4.683333 N | | 0 |
| 52 | Rumex aceVan AsschLeuven, Be | 1993 Belgium | 50.86667 | 4.7 N | | 0 |
| 53 | Medicago lVan AsschLeuven, Be | 1996 Belgium | 50.86667 | 4.683333 N | | 0 |
| 54 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 90 |
| 55 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 90 |
| 56 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 0 |
| 57 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 0 |
| 58 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 0 |
| 59 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 0 |
| 60 | Geranium rVandelook,Leuven, Be | 2007 Belgium | 50.86667 | 4.683333 Y | | 0 |

| | | | | | | | | |
|--------------|-------------------|--------------|------|------------|----------|----------|---|-----|
| Geranium r | Van Assche | Leuven, Be | 2002 | Belgium | 50.86667 | 4.7 | N | 0 |
| Geranium r | Vandelook | Leuven, Be | 2007 | Belgium | 50.86667 | 4.683333 | Y | 0 |
| Geranium r | Vandelook | Leuven, Be | 2007 | Belgium | 50.86667 | 4.683333 | Y | 90 |
| Geranium r | Vandelook | Leuven, Be | 2007 | Belgium | 50.86667 | 4.683333 | Y | 0 |
| Lotus corni | Van Assche | Leuven, Be | 1996 | Belgium | 50.86667 | 4.683333 | N | 0 |
| Lotus corni | Van Assche | Leuven, Be | 1996 | Belgium | 50.86667 | 4.683333 | N | 0 |
| Lotus corni | Van Assche | Leuven, Be | 1996 | Belgium | 50.86667 | 4.683333 | N | 0 |
| Lotus corni | Van Assche | Leuven, Be | 1996 | Belgium | 50.86667 | 4.683333 | N | 0 |
| Medicago l | Van Assche | Leuven, Be | 1996 | Belgium | 50.86667 | 4.683333 | N | 0 |
| Geranium r | Vandelook | Leuven, Be | 2007 | Belgium | 50.86667 | 4.683333 | Y | 90 |
| Medicago l | Van Assche | Leuven, Be | 1996 | Belgium | 50.86667 | 4.683333 | N | 0 |
| Geranium r | Vandelook | Leuven, Be | 2007 | Belgium | 50.86667 | 4.683333 | Y | 0 |
| Geranium r | Vandelook | Leuven, Be | 2007 | Belgium | 50.86667 | 4.683333 | Y | 0 |
| Sanicula el | Vandelook | Leuven, Be | 2007 | Belgium | 50.85 | 4.683333 | N | 0 |
| Sanicula el | Vandelook | Leuven, Be | 2007 | Belgium | 50.85 | 4.683333 | N | 0 |
| Sanicula el | Vandelook | Leuven, Be | 2007 | Belgium | 50.85 | 4.683333 | N | 0 |
| Hypericum | Trueblood | Mountain H | 2009 | USA | 35.41667 | -82.55 | Y | 0 |
| Quercus pe | Tilki, F. (20 | Ardanuc, Ti | 2005 | Turkey | 41.13333 | 42.16667 | N | 0 |
| Viscum alb | Stanton, S. Three | merc | 2009 | Belgium | 50.7 | 4.533333 | N | 0 |
| Viscum alb | Stanton, S. Three | merc | 2009 | Belgium | 50.7 | 4.533333 | N | 0 |
| Viscum alb | Stanton, S. Three | merc | 2009 | Belgium | 50.7 | 4.533333 | N | 0 |
| Alnus glutir | Kaliniewicz | Ketrzyn, Pc | 2012 | Poland | 54.11667 | 21.48333 | N | 0 |
| Pinus nigra | Mataruga, I | Sutjeska, B | 2000 | Bosnia and | 43.31667 | 18.65 | N | 0 |
| Pinus nigra | Mataruga, I | Visegrad, E | 2000 | Bosnia and | 43.85 | 19.23333 | N | 0 |
| Pinus nigra | Mataruga, I | Tara, Serbi | 2000 | Bosnia and | 43.88333 | 19.53333 | N | 0 |
| Pinus nigra | Mataruga, I | Testic, Bos | 2000 | Bosnia and | 44.56667 | 17.71667 | N | 0 |
| Pinus nigra | Mataruga, I | Durmitor, M | 2000 | Montenegro | 43 | 19.41667 | N | 0 |
| Festuca ovi | Lonati, M., | Commercia | 2008 | New Zeala | -42.3167 | 172.3333 | N | 0 |
| Festuca ovi | Lonati, M., | Commercia | 2008 | New Zeala | -42.3167 | 172.3333 | N | 0 |
| Festuca ovi | Lonati, M., | Commercia | 2008 | New Zeala | -42.3167 | 172.3333 | N | 0 |
| Festuca ovi | Lonati, M., | Commercia | 2008 | New Zeala | -42.3167 | 172.3333 | N | 0 |
| Festuca ovi | Lonati, M., | Commercia | 2008 | New Zeala | -42.3167 | 172.3333 | N | 0 |
| Festuca ovi | Lonati, M., | Commercia | 2008 | New Zeala | -42.3167 | 172.3333 | N | 0 |
| Festuca ovi | Lonati, M., | Commercia | 2008 | New Zeala | -42.3167 | 172.3333 | N | 0 |
| Festuca ovi | Lonati, M., | Commercia | 2008 | New Zeala | -42.3167 | 172.3333 | N | 0 |
| Pinus bank | Kemball, K. | Pineland Fc | 2009 | Canada | 49.63333 | -95.8833 | N | 0 |
| Picea glauc | Kemball, K. | Pineland Fc | 2009 | Canada | 49.63333 | -95.8833 | N | 0 |
| Picea mari | Kemball, K. | Pineland Fc | 2009 | Canada | 49.63333 | -95.8833 | N | 0 |
| Abies bals | Kemball, K. | Quebec, Ca | 2009 | Canada | 46.96667 | -73.1167 | N | 0 |
| Lotus corni | Kabouw, P. | Unknown, e | 2009 | Netherland | 51.95 | 5.75 | N | 0 |
| Rhododenc | Hirao, A. S. | Mt Hakkoda | 2006 | Japan | 40.63333 | 140.85 | N | 60 |
| Alnus glutir | Kaliniewicz | Lolkowo, P | 2012 | Poland | 54.33333 | 20.26667 | N | 0 |
| Sanicula c | Hawkins, T | University c | 2002 | USA | 37.5 | -83.3333 | N | 0 |
| Sanicula c | Hawkins, T | University c | 2002 | USA | 37.5 | -83.3333 | N | 0 |
| Sanicula c | Hawkins, T | University c | 2002 | USA | 37.5 | -83.3333 | N | 84 |
| Sanicula c | Hawkins, T | University c | 2002 | USA | 37.5 | -83.3333 | N | 84 |
| Sanicula c | Hawkins, T | University c | 2002 | USA | 37.5 | -83.3333 | N | 168 |
| Sanicula c | Hawkins, T | University c | 2002 | USA | 37.5 | -83.3333 | N | 168 |
| Sanicula c | Hawkins, T | University c | 2002 | USA | 37.5 | -83.3333 | N | 84 |
| Sanicula c | Hawkins, T | University c | 2002 | USA | 37.5 | -83.3333 | N | 0 |
| Sanicula c | Hawkins, T | University c | 2002 | USA | 37.5 | -83.3333 | N | 168 |
| Cytisus hirs | González | Madrid Boti | 1993 | Spain | 40.4 | -3.68333 | N | 0 |
| Cytisus hirs | González | Madrid Boti | 1993 | Spain | 40.4 | -3.68333 | N | 0 |
| Cytisus hirs | González | Vacratot Bc | 1993 | Hungary | 47.7 | 19.23333 | N | 0 |
| Cytisus hirs | González | Vacratot Bc | 1993 | Hungary | 47.7 | 19.23333 | N | 0 |
| Arbutus un | Ertekin, M. | Bartın, Tur | 2008 | Turkey | 41.63333 | 32.33333 | N | 0 |

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|----|--------------|--------------------------|------|-------------|----------|----------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Arbutus unı | Ertekin, M. Bart?n, Tur | 2008 | Turkey | 41.63333 | 32.33333 N 90 |
| 4 | Poa bulbos | Naghypour, Central Zağ | 2013 | Iran | 31.18333 | 50.7 N 0 |
| 5 | Bromus tec | Naghypour, Central Zağ | 2013 | Iran | 31.18333 | 50.7 N 0 |
| 6 | Anemone n | De Frenne, Amiens, Fr | 2006 | France | 49.88333 | 2.283333 N 182 |
| 7 | Anemone n | De Frenne, Bremen, Ge | 2006 | Germany | 53.06667 | 8.783333 N 182 |
| 8 | Anemone n | De Frenne, Postdam, G | 2006 | Germany | 52.38333 | 13.05 N 182 |
| 9 | Anemone n | De Frenne, Alnarp, Sw | 2006 | Sweden | 55.65 | 13.06667 N 182 |
| 10 | Acer platan | Julin-Tegel Stockholm, | 1979 | Sweden | 59.31667 | 18.03333 N 131 |
| 11 | Acer platan | Julin-Tegel Stockholm, | 1979 | Sweden | 59.31667 | 18.03333 N 0 |
| 12 | Anemone n | De Frenne, Stockholm, | 2006 | Sweden | 59.31667 | 18.05 N 182 |
| 13 | Alnus glutir | Kaliniewicz Czarnia, Po | 2012 | Poland | 53.31667 | 21.18333 N 0 |
| 14 | Anemone n | De Frenne, Umea, Swe | 2006 | Sweden | 63.81667 | 20.25 N 182 |
| 15 | Asparagus | Conversa, (Manfredoni | 2007 | Italy | 41.61667 | 15.9 N 56 |
| 16 | Asparagus | Conversa, (Manfredoni | 2007 | Italy | 41.61667 | 15.9 N 0 |
| 17 | Asparagus | Conversa, (Manfredoni | 2007 | Italy | 41.61667 | 15.9 N 56 |
| 18 | Asparagus | Conversa, (Manfredoni | 2007 | Italy | 41.61667 | 15.9 Y 0 |
| 19 | Carpinus bı | Chmielarz, K?nik, Po | 2000 | Poland | 52.23333 | 17.08333 N 140 |
| 20 | Alnus glutir | Chmielarz, Bierzwnik, l | 2000 | Poland | 53.03333 | 15.65 N 0 |
| 21 | Alnus glutir | Chmielarz, Henryk?w | 2000 | Poland | 50.65 | 17.01667 N 0 |
| 22 | Ulmus glab | Chmielarz, Ko?obrzeg | 2000 | Poland | 54.16667 | 15.51667 N 0 |
| 23 | Ulmus glab | Chmielarz, Ko?obrzeg | 2000 | Poland | 54.16667 | 15.58333 N 0 |
| 24 | Phellodend | Chen, S. Y. Taiping Mo | 2004 | Taiwan | 24.5 | 121.4833 N 0 |
| 25 | Phellodend | Chen, S. Y. Taiping Mo | 2004 | Taiwan | 24.5 | 121.4833 N 84 |
| 26 | Prunus avit | Bujarska-B.K?nik Arb | 1985 | Poland | 52.25 | 17.1 N 98 |
| 27 | Prunus avit | Bujarska-B.K?nik Arb | 1985 | Poland | 52.25 | 17.1 N 98 |
| 28 | Prunus avit | Bujarska-B.K?nik Arb | 1985 | Poland | 52.25 | 17.1 N 98 |
| 29 | Abies alba | Boncaldo, (Laurenzan | 2009 | Italy | 40.45 | 15.96667 N 21 |
| 30 | Alnus glutir | Kaliniewicz llawa, Pola | 2012 | Poland | 53.7 | 19.6 N 0 |
| 31 | Abies alba | Boncaldo, (Monte Gari | 2009 | Italy | 38.66667 | 16.33333 N 21 |
| 32 | Abies alba | Boncaldo, (Serra San I | 2009 | Italy | 38.56667 | 16.3 N 21 |
| 33 | Pseudotsu | Boberg, P., El Bols?n, | 2007 | Argentina | -41.95 | -71.5333 N 30 |
| 34 | Pinus pond | Boberg, P., Bariloche, / | 2006 | Argentina | -41.1333 | -71.3 N 30 |
| 35 | Origanum v | Bischoff, A. Fribourg an | 2001 | Switzerland | 46.85 | 7.166667 N 0 |
| 36 | Origanum v | Bischoff, A. Sachsen-Al | 2001 | Germany | 51.31667 | 11.9 N 0 |
| 37 | Ardisia crer | Yang, Q. H Meizhou Ci | 2006 | China | 24.3 | 116.1167 N 0 |
| 38 | Ardisia crer | Yang, Q. H Meizhou Ci | 2006 | China | 24.3 | 116.1167 N 0 |
| 39 | Ardisia crer | Yang, Q. H Meizhou Ci | 2006 | China | 24.3 | 116.1167 N 0 |
| 40 | Ardisia crer | Yang, Q. H Meizhou Ci | 2006 | China | 24.3 | 116.1167 N 0 |
| 41 | Ardisia crer | Yang, Q. H Meizhou Ci | 2006 | China | 24.3 | 116.1167 N 0 |
| 42 | Ardisia crer | Yang, Q. H Meizhou Ci | 2006 | China | 24.3 | 116.1167 N 0 |
| 43 | Ardisia crer | Yang, Q. H Meizhou Ci | 2006 | China | 24.3 | 116.1167 N 0 |
| 44 | Ardisia crer | Yang, Q. H Meizhou Ci | 2006 | China | 24.3 | 116.1167 N 0 |
| 45 | Ardisia crer | Yang, Q. H Meizhou Ci | 2006 | China | 24.3 | 116.1167 N 0 |
| 46 | Aconitum lı | Vandelook, Lesse river | 2006 | Belgium | 50.23333 | 4.9 N 0 |
| 47 | Aconitum lı | Vandelook, Lesse river | 2006 | Belgium | 50.23333 | 4.9 N 0 |
| 48 | Aconitum lı | Vandelook, Lesse river | 2006 | Belgium | 50.23333 | 4.9 N 0 |
| 49 | Aconitum lı | Vandelook, Lesse river | 2006 | Belgium | 50.23333 | 4.9 N 0 |
| 50 | Aconitum lı | Vandelook, Lesse river | 2006 | Belgium | 50.23333 | 4.9 N 0 |
| 51 | Aegopodiur | Vandelook, Diest, Belgi | 2007 | Belgium | 50.8 | 5.383333 N 140 |
| 52 | Aegopodiur | Vandelook, Diest, Belgi | 2007 | Belgium | 50.8 | 5.383333 N 0 |
| 53 | Aegopodiur | Vandelook, Diest, Belgi | 2007 | Belgium | 50.8 | 5.383333 N 140 |
| 54 | Angelica sy | Vandelook, Diest, Belgi | 2006 | Belgium | 50.8 | 5.05 N 0 |
| 55 | Aegopodiur | Vandelook, Diest, Belgi | 2007 | Belgium | 50.8 | 5.383333 N 140 |
| 56 | Stellaria ho | Vandelook, Diest, Belgi | 2005 | Belgium | 50.8 | 5.05 N 0 |
| 57 | Angelica sy | Vandelook, Diest, Belgi | 2006 | Belgium | 50.8 | 5.05 N 112 |
| 58 | Stellaria ho | Vandelook, Diest, Belgi | 2005 | Belgium | 50.8 | 5.05 N 112 |
| 59 | Stellaria ho | Vandelook, Diest, Belgi | 2005 | Belgium | 50.8 | 5.05 N 0 |
| 60 | Stellaria ho | Vandelook, Diest, Belgi | 2005 | Belgium | 50.8 | 5.05 N 0 |

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|-------------------------------------|--------------|------|------------|-----|
| Angelica syVandelook, Diest, Belgi | 2006 Belgium | 50.8 | 5.05 N | 112 |
| AegopodiurVandelook, Diest, Belgi | 2007 Belgium | 50.8 | 5.383333 N | 0 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 |
| AegopodiurVandelook, Diest, Belgi | 2007 Belgium | 50.8 | 5.383333 N | 0 |
| Angelica syVandelook, Diest, Belgi | 2006 Belgium | 50.8 | 5.05 N | 112 |
| Angelica syVandelook, Diest, Belgi | 2006 Belgium | 50.8 | 5.05 N | 0 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 |
| Angelica syVandelook, Diest, Belgi | 2006 Belgium | 50.8 | 5.05 N | 0 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Angelica syVandelook, Diest, Belgi | 2006 Belgium | 50.8 | 5.05 N | 0 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Angelica syVandelook, Diest, Belgi | 2006 Belgium | 50.8 | 5.05 N | 112 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Angelica syVandelook, Diest, Belgi | 2006 Belgium | 50.8 | 5.05 N | 0 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| AegopodiurVandelook, Diest, Belgi | 2007 Belgium | 50.8 | 5.383333 N | 140 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Angelica syVandelook, Diest, Belgi | 2006 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 |
| Angelica syVandelook, Diest, Belgi | 2006 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 |
| Angelica syVandelook, Diest, Belgi | 2006 Belgium | 50.8 | 5.05 N | 112 |
| Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 |
| Angelica syVandelook, Diest, Belgi | 2006 Belgium | 50.8 | 5.05 N | 0 |
| Angelica syVandelook, Diest, Belgi | 2006 Belgium | 50.8 | 5.05 N | 112 |
| Angelica syVandelook, Diest, Belgi | 2006 Belgium | 50.8 | 5.05 N | 0 |

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| 2 | | | | | | |
| 3 | Angelica syVandelook, Diest, Belgi | 2006 Belgium | 50.8 | 5.05 N | 0 | |
| 4 | Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 | |
| 5 | Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 | |
| 6 | Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 | |
| 7 | Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 | |
| 8 | Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 | |
| 9 | Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 | |
| 10 | AegopodiurVandelook, Diest, Belgi | 2007 Belgium | 50.8 | 5.383333 N | 0 | |
| 11 | Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 | |
| 12 | Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 | |
| 13 | Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 | |
| 14 | Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 | |
| 15 | Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 | |
| 16 | Moehringia Vandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 | |
| 17 | Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 | |
| 18 | Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 | |
| 19 | Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 112 | |
| 20 | Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 | |
| 21 | Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 0 | |
| 22 | Stellaria hoVandelook, Diest, Belgi | 2005 Belgium | 50.8 | 5.05 N | 182 | |
| 23 | Juniperus cTylkowski, Shrub A, W | 2003 Poland | 51.21667 | 18.56667 N | 0 | |
| 24 | Fagus sylv:Ratajczak, K♦rnik Arb | 2014 Poland | 52.23333 | 17.08333 N | 0 | |
| 25 | Acer sacchKalemba, EK♦rnik Arb | 2017 Poland | 52.23333 | 17.08333 N | 0 | |
| 26 | Acer platanPawlowski, K♦rnik Arb | 2005 Poland | 52.23333 | 17.08333 N | 0 | |
| 27 | Juniperus cTylkowski, Shrub B, W | 2006 Poland | 51.21667 | 18.56667 N | 182 | |
| 28 | Juniperus cTylkowski, Shrub C, G | 2006 Poland | 52.03333 | 18.05 N | 182 | |
| 29 | Rubus parvTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 0 | |
| 30 | MiscanthusTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 30 | |
| 31 | Prunus graTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 0 | |
| 32 | Hydrangea Tsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 Y | 0 | |
| 33 | Vitis coigneTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 0 | |
| 34 | Weigela hoTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 30 | |
| 35 | Aralia elataTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 Y | 0 | |
| 36 | Leucothoe Tsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 Y | 0 | |
| 37 | Aster agerTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 30 | |
| 38 | MiscanthusTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 0 | |
| 39 | Solidago viiTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 0 | |
| 40 | Weigela hoTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 0 | |
| 41 | AmpelopsisTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 0 | |
| 42 | Aralia elataTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 0 | |
| 43 | CalamagroTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 0 | |
| 44 | AmpelopsisTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 30 | |
| 45 | Rubus parvTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 30 | |
| 46 | Hydrangea Tsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 30 | |
| 47 | Pinus dens Tsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 30 | |
| 48 | MiscanthusTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 Y | 0 | |
| 49 | CalamagroTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 30 | |
| 50 | Juncus effuTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 0 | |
| 51 | Solidago viiTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 Y | 0 | |
| 52 | ToxicodencTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 0 | |
| 53 | Lotus corniTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 0 | |
| 54 | Rumex aceTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 0 | |
| 55 | ToxicodencTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 Y | 0 | |
| 56 | Weigela hoTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 0 | |
| 57 | Artemisia nTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 0 | |
| 58 | Juncus effuTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 Y | 0 | |
| 59 | Aralia elataTsuyuzaki, Mount Kom | 2004 Japan | 40.06667 | 140.7 N | 0 | |
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| Leucothoe | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Toxicodendron | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Anaphalis | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 Y | 0 |
| Solidago | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 30 |
| Pinus dens | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Juncus effusus | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Prunus gracilis | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 30 |
| Pinus dens | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Anaphalis | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Rumex acetosella | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 30 |
| Aster ageratum | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 Y | 0 |
| Rumex acetosella | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 Y | 0 |
| Ampelopsis | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 Y | 0 |
| Lotus corniculatus | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Artemisia | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 Y | 0 |
| Anaphalis | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Aralia elata | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 30 |
| Ampelopsis | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Artemisia | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Juncus effusus | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 30 |
| Vitis coignetiae | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 30 |
| Leucothoe | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 30 |
| Anaphalis | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 30 |
| Pinus dens | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 Y | 0 |
| Hydrangea | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Prunus gracilis | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 Y | 0 |
| Lotus corniculatus | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 Y | 0 |
| Vitis coignetiae | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 Y | 0 |
| Rumex acetosella | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Leucothoe | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Calamagrostis | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 Y | 0 |
| Aster ageratum | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Rubus parviflorus | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 Y | 0 |
| Hydrangea | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Lotus corniculatus | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 30 |
| Aster ageratum | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Prunus gracilis | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Calamagrostis | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Rubus parviflorus | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Toxicodendron | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 30 |
| Vitis coignetiae | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Weigela hortensis | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 Y | 0 |
| Miscanthus | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Artemisia | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 30 |
| Solidago | Tsuyuzaki, Mount Kom | 2004 | Japan | 40.06667 | 140.7 N | 0 |
| Commelina | Tsuyuzaki, Ishikari Plain | 2005 | Japan | 43.05 | 141.3333 N | 0 |
| Epilobium | Tsuyuzaki, Ishikari Plain | 2005 | Japan | 43.05 | 141.3333 N | 30 |
| Betula platyphylla | Tsuyuzaki, Ishikari Plain | 2005 | Japan | 43.05 | 141.3333 N | 0 |
| Betula platyphylla | Tsuyuzaki, Ishikari Plain | 2005 | Japan | 43.05 | 141.3333 N | 30 |
| Lespedeza | Tsuyuzaki, Ishikari Plain | 2005 | Japan | 43.05 | 141.3333 N | 0 |
| Betula platyphylla | Tsuyuzaki, Ishikari Plain | 2005 | Japan | 43.05 | 141.3333 Y | 0 |
| Commelina | Tsuyuzaki, Ishikari Plain | 2005 | Japan | 43.05 | 141.3333 N | 0 |
| Commelina | Tsuyuzaki, Ishikari Plain | 2005 | Japan | 43.05 | 141.3333 N | 30 |
| Commelina | Tsuyuzaki, Ishikari Plain | 2005 | Japan | 43.05 | 141.3333 Y | 0 |
| Epilobium | Tsuyuzaki, Ishikari Plain | 2005 | Japan | 43.05 | 141.3333 N | 0 |
| Epilobium | Tsuyuzaki, Ishikari Plain | 2005 | Japan | 43.05 | 141.3333 Y | 0 |

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| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Lespedeza Tsuyuzaki, Ishikari Pla | 2005 Japan | 43.05 | 141.3333 N | | 0 |
| 4 | Lespedeza Tsuyuzaki, Ishikari Pla | 2005 Japan | 43.05 | 141.3333 N | | 30 |
| 5 | Betula platy Tsuyuzaki, Ishikari Pla | 2005 Japan | 43.05 | 141.3333 N | | 0 |
| 6 | Lespedeza Tsuyuzaki, Ishikari Pla | 2005 Japan | 43.05 | 141.3333 Y | | 0 |
| 7 | Epilobium εTsuyuzaki, Ishikari Pla | 2005 Japan | 43.05 | 141.3333 N | | 0 |
| 8 | Betula maxSeiwa, K., (Hardwood t | 2007 Japan | 42.86667 | 142.5833 N | | 28 |
| 9 | Betula maxSeiwa, K., (Hardwood t | 2007 Japan | 42.86667 | 142.5833 N | | 28 |
| 10 | Acer picturQin, J. and Lixian Cour | 2007 China | 31.83333 | 102.8333 N | | 0 |
| 11 | Fagus sylvεProchazkovHostynsko- | 1999 Czech Rep | 50.38333 | 17 N | | 0 |
| 12 | Fagus sylvεProchazkovPredhor◆ (| 1999 Czech Rep | 49.41667 | 15.65 N | | 0 |
| 13 | Fagus sylvεProchazkovStredoslove | 1999 Slovakia | 48.73333 | 19.15 N | | 0 |
| 14 | Fagus sylvεProchazkovStredoslove | 1999 Slovakia | 48.73333 | 19.15 N | | 0 |
| 15 | Fagus sylvεProchazkovPodtatransl | 1999 Slovakia | 49.05 | 20.28333 N | | 0 |
| 16 | Lathyrus linDello JacovGreen morq | 2016 UK | 54.73333 | -1.36667 N | | 0 |
| 17 | Lathyrus linDello JacovGreen morq | 2016 UK | 54.73333 | -1.36667 N | | 0 |
| 18 | Lathyrus linDello JacovGreen morq | 2016 UK | 54.73333 | -1.36667 Y | | 0 |
| 19 | Lathyrus linDello JacovGreen morq | 2016 UK | 54.73333 | -1.36667 N | | 0 |
| 20 | Lathyrus linDello JacovGreen morq | 2016 UK | 54.73333 | -1.36667 N | | 0 |
| 21 | Lathyrus linDello JacovGreen morq | 2016 UK | 54.73333 | -1.36667 N | | 0 |
| 22 | Lathyrus linDello JacovGreen morq | 2016 UK | 54.73333 | -1.36667 N | | 0 |
| 23 | Lathyrus linDello JacovGreen morq | 2016 UK | 54.73333 | -1.36667 N | | 0 |
| 24 | Fagus sylvεProchazkovPredhori Hi | 1999 Czech Rep | 50.2 | 17.21667 N | | 0 |
| 25 | Fagus sylvεProchazkovDrahanska | 1999 Czech Rep | 49.38333 | 17 N | | 0 |
| 26 | Fagus sylvεProchazkovCeskomora | 1999 Czech Rep | 49.46667 | 16 N | | 0 |
| 27 | AegopodiurPhartyal, S Hokkaido L | 2007 Japan | 43.06667 | 141.3333 N | | 0 |
| 28 | AegopodiurPhartyal, S Hokkaido L | 2007 Japan | 43.06667 | 141.3333 N | | 112 |
| 29 | AegopodiurPhartyal, S Hokkaido L | 2007 Japan | 43.06667 | 141.3333 N | | 112 |
| 30 | AegopodiurPhartyal, S Hokkaido L | 2007 Japan | 43.06667 | 141.3333 N | | 0 |
| 31 | AegopodiurPhartyal, S Hokkaido L | 2007 Japan | 43.06667 | 141.3333 N | | 0 |
| 32 | AegopodiurPhartyal, S Hokkaido L | 2007 Japan | 43.06667 | 141.3333 N | | 0 |
| 33 | AegopodiurPhartyal, S Hokkaido L | 2007 Japan | 43.06667 | 141.3333 N | | 0 |
| 34 | AegopodiurPhartyal, S Hokkaido L | 2007 Japan | 43.06667 | 141.3333 N | | 0 |
| 35 | AegopodiurPhartyal, S Hokkaido L | 2007 Japan | 43.06667 | 141.3333 N | | 112 |
| 36 | AegopodiurPhartyal, S Hokkaido L | 2007 Japan | 43.06667 | 141.3333 N | | 0 |
| 37 | AegopodiurPhartyal, S Hokkaido L | 2007 Japan | 43.06667 | 141.3333 N | | 0 |
| 38 | AegopodiurPhartyal, S Hokkaido L | 2007 Japan | 43.06667 | 141.3333 N | | 0 |
| 39 | AegopodiurPhartyal, S Hokkaido L | 2007 Japan | 43.06667 | 141.3333 N | | 112 |
| 40 | AegopodiurPhartyal, S Hokkaido L | 2007 Japan | 43.06667 | 141.3333 N | | 0 |
| 41 | AegopodiurPhartyal, S Hokkaido L | 2007 Japan | 43.06667 | 141.3333 N | | 112 |
| 42 | AegopodiurPhartyal, S Hokkaido L | 2007 Japan | 43.06667 | 141.3333 N | | 112 |
| 43 | Prunus ser(Phartyal, S Sonian For | 2002 Belgium | 50.78333 | 4.433333 N | | 56 |
| 44 | Prunus ser(Phartyal, S Sonian For | 2002 Belgium | 50.78333 | 4.433333 N | | 56 |
| 45 | Prunus ser(Phartyal, S Sonian For | 2002 Belgium | 50.78333 | 4.433333 N | | 56 |
| 46 | Impatiens rPerglova, I.Three merc | 2005 Czech Rep | 49.68333 | 13.98333 N | | 0 |
| 47 | Impatiens rPerglova, I.Three merc | 2005 Czech Rep | 49.68333 | 13.98333 N | | 0 |
| 48 | Impatiens rPerglova, I.Three merc | 2005 Czech Rep | 49.68333 | 13.98333 N | | 0 |
| 49 | Impatiens cPerglova, I.Three merc | 2005 Germany | 50.8 | 8.85 N | | 0 |
| 50 | Impatiens cPerglova, I.Three merc | 2005 Germany | 50.8 | 8.85 N | | 0 |
| 51 | Impatiens cPerglova, I.Three merc | 2005 Germany | 50.8 | 8.85 N | | 0 |
| 52 | Quercus pyP◆rez-RarSierra More | 2005 Spain | 38.36667 | -3.81667 N | | 0 |
| 53 | Calluna vulM◆ren, I. (Lygra islan | 2007 Norway | 60.68333 | 5.116667 N | | 0 |
| 54 | CryptomeriKim, D. H., Jeju Island, | 2005 South Kore | 33.36667 | 126.55 N | | 0 |
| 55 | Lathyrus linDello JacovBrown morq | 2016 UK | 54.73333 | -1.36667 N | | 0 |
| 56 | Lathyrus linDello JacovBrown morq | 2016 UK | 54.73333 | -1.36667 Y | | 0 |
| 57 | Lathyrus linDello JacovBrown morq | 2016 UK | 54.73333 | -1.36667 N | | 0 |
| 58 | Lathyrus linDello JacovBrown morq | 2016 UK | 54.73333 | -1.36667 N | | 0 |
| 59 | Lathyrus linDello JacovBrown morq | 2016 UK | 54.73333 | -1.36667 N | | 0 |
| 60 | Lathyrus linDello JacovBrown morq | 2016 UK | 54.73333 | -1.36667 N | | 0 |

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| Lathyrus linDello JacovBrown morj | 2016 UK | 54.73333 | -1.36667 N | 0 |
| Lathyrus linDello JacovBrown morj | 2016 UK | 54.73333 | -1.36667 N | 0 |
| PhragmitesKettenring, 3 merged p | 2006 USA | 38.01667 | -76.0167 N | 0 |
| PhragmitesKettenring, 3 merged p | 2006 USA | 38.01667 | -76.0167 N | 60 |
| PhragmitesKettenring, 3 merged p | 2006 USA | 38.01667 | -76.0167 N | 0 |
| PhragmitesKettenring, 3 merged p | 2006 USA | 38.01667 | -76.0167 N | 60 |
| Ulex gallii Hanley, M. Buckland C | 2008 UK | 50.55 | -3.78333 N | 0 |
| Ulex gallii Hanley, M. Buckland C | 2008 UK | 50.55 | -3.78333 Y | 0 |
| Alnus glutirGosling, P. Durham, Ei | 1992 UK | 54.76667 | -1.58333 N | 42 |
| Alnus glutirGosling, P. Durham, Ei | 1992 UK | 54.76667 | -1.58333 N | 42 |
| Alnus glutirGosling, P. Durham, Ei | 1992 UK | 54.76667 | -1.58333 N | 0 |
| Alnus glutirGosling, P. Durham, Ei | 1992 UK | 54.76667 | -1.58333 N | 0 |
| Alnus glutirGosling, P. Durham, Ei | 1992 UK | 54.76667 | -1.58333 N | 42 |
| Alnus glutirGosling, P. Durham, Ei | 1992 UK | 54.76667 | -1.58333 N | 0 |
| Alnus glutirGosling, P. Durham, Ei | 1992 UK | 54.76667 | -1.58333 N | 42 |
| Alnus glutirGosling, P. Durham, Ei | 1992 UK | 54.76667 | -1.58333 N | 0 |
| Alnus glutirGosling, P. Durham, Ei | 1992 UK | 54.76667 | -1.58333 N | 42 |
| Alnus glutirGosling, P. Durham, Ei | 1992 UK | 54.76667 | -1.58333 N | 0 |
| Alnus glutirGosling, P. Durham, Ei | 1992 UK | 54.76667 | -1.58333 N | 42 |
| Alnus glutirGosling, P. Durham, Ei | 1992 UK | 54.76667 | -1.58333 N | 42 |
| Alnus glutirGosling, P. Durham, Ei | 1992 UK | 54.76667 | -1.58333 N | 0 |
| Alnus glutirGosling, P. Durham, Ei | 1992 UK | 54.76667 | -1.58333 N | 0 |
| Alnus glutirGosling, P. Durham, Ei | 1992 UK | 54.76667 | -1.58333 N | 0 |
| Acer platanJensen, M. Departmen | 1993 Denmark | 55.3 | 10.43333 N | 12 |
| Acer platanJensen, M. Departmen | 1993 Denmark | 55.3 | 10.43333 N | 12 |
| Acer platanJensen, M. Departmen | 1993 Denmark | 55.3 | 10.43333 N | 12 |
| Acer platanJensen, M. Departmen | 1993 Denmark | 55.3 | 10.43333 N | 12 |
| Acer platanJensen, M. Departmen | 1993 Denmark | 55.3 | 10.43333 N | 12 |
| Acer platanJensen, M. Departmen | 1993 Denmark | 55.3 | 10.43333 N | 12 |
| Acer platanJensen, M. Departmen | 1993 Denmark | 55.3 | 10.43333 N | 12 |
| Acer platanJensen, M. Departmen | 1993 Denmark | 55.3 | 10.43333 N | 12 |
| Pinus taedaGolle, D. P.Universidad | 2008 Brazil | -29.7 | -53.7167 N | 0 |
| Prunus avitEsen, D., eFour merge | 2003 Turkey | 41.2 | 33.55 N | 135 |
| Asparagus Conversa, (Orsara di P | 2006 Italy | 41.28333 | 15.26667 N | 0 |
| Asparagus Conversa, (Orsara di P | 2006 Italy | 41.28333 | 15.26667 N | 30 |
| Pinus densChoi, D., etHokkaido R | 2008 Japan | 43.05 | 141.35 N | 10 |
| Acer pseudDaws, M. I.Poznan, Pc | 2003 Poland | 52.41667 | 16.88333 N | 0 |
| Acer pseudDaws, M. I.Poznan, Pc | 2003 Poland | 52.41667 | 16.88333 N | 0 |
| Acer pseudDaws, M. I.Poznan, Pc | 2003 Poland | 52.41667 | 16.88333 N | 0 |
| Fraxinus e>Chmielarz, Poznan, Pc | 2000 Poland | 52.41667 | 16.91667 N | 16 |
| Acer pseudDaws, M. I.Poznan, Pc | 2003 Poland | 52.41667 | 16.88333 N | 0 |
| Acer pseudDaws, M. I.Poznan, Pc | 2003 Poland | 52.41667 | 16.88333 N | 0 |
| Acer pseudDaws, M. I.Poznan, Pc | 2003 Poland | 52.41667 | 16.88333 N | 0 |
| Acer pseudDaws, M. I.Poznan, Pc | 2003 Poland | 52.41667 | 16.88333 N | 0 |
| Fagus sylvWalbott, M.Forϕt de F | 2014 France | 47 | 3.233333 N | 150 |
| Fagus sylvWalbott, M.Forϕt de F | 2014 France | 47 | 3.233333 N | 150 |
| Cornus kouCho, J. S. ϵMiwon-mye | 2013 South Kore | 36.61667 | 127.6667 Y | 84 |
| Cornus kouCho, J. S. ϵMiwon-mye | 2013 South Kore | 36.61667 | 127.6667 Y | 0 |
| Cornus kouCho, J. S. ϵMiwon-mye | 2013 South Kore | 36.61667 | 127.6667 Y | 84 |
| Cornus kouCho, J. S. ϵMiwon-mye | 2013 South Kore | 36.61667 | 127.6667 Y | 0 |
| Cornus kouCho, J. S. ϵMiwon-mye | 2013 South Kore | 36.61667 | 127.6667 Y | 84 |
| Cornus kouCho, J. S. ϵMiwon-mye | 2013 South Kore | 36.61667 | 127.6667 N | 84 |
| Cornus kouCho, J. S. ϵMiwon-mye | 2013 South Kore | 36.61667 | 127.6667 Y | 84 |
| Cornus kouCho, J. S. ϵMiwon-mye | 2013 South Kore | 36.61667 | 127.6667 Y | 84 |

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|----|-------------------------------------|-----------------|----------|------------|--|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Cornus kouCho, J. S. εMiwon-mye | 2013 South Kore | 36.61667 | 127.6667 Y | | 84 |
| 4 | Cornus kouCho, J. S. εMiwon-mye | 2013 South Kore | 36.61667 | 127.6667 Y | | 84 |
| 5 | Cornus kouCho, J. S. εMiwon-mye | 2013 South Kore | 36.61667 | 127.6667 Y | | 84 |
| 6 | Cornus kouCho, J. S. εMiwon-mye | 2013 South Kore | 36.61667 | 127.6667 Y | | 84 |
| 7 | Cornus kouCho, J. S. εMiwon-mye | 2013 South Kore | 36.61667 | 127.6667 Y | | 84 |
| 8 | Cornus kouCho, J. S. εMiwon-mye | 2013 South Kore | 36.61667 | 127.6667 N | | 0 |
| 9 | Cornus kouCho, J. S. εMiwon-mye | 2013 South Kore | 36.61667 | 127.6667 N | | 84 |
| 10 | Cornus kouCho, J. S. εMiwon-mye | 2013 South Kore | 36.61667 | 127.6667 N | | 0 |
| 11 | Betula penCChmielarz, Totun, Pola | 2000 Poland | 53 | 18.58333 N | | 0 |
| 12 | Picea glaucCarles, S., Cap Tourm | 2001 Canada | 47.06667 | -70.8333 N | | 21 |
| 13 | Rhus copalBolin, J. F. Zuni Pine E | 2004 USA | 36.85 | -76.8167 Y | | 0 |
| 14 | Rhus copalBolin, J. F. Zuni Pine E | 2004 USA | 36.85 | -76.8167 N | | 0 |
| 15 | Rhus copalBolin, J. F. City ofAlexa | 2004 USA | 38.8 | -77.0333 N | | 0 |
| 16 | Rhus copalBolin, J. F. City ofAlexa | 2004 USA | 38.8 | -77.0333 Y | | 0 |
| 17 | Rhus copalBolin, J. F. Newport Ne | 2004 USA | 37.11667 | -76.5167 Y | | 0 |
| 18 | Rhus copalBolin, J. F. Newport Ne | 2004 USA | 37.11667 | -76.5167 N | | 0 |
| 19 | Rhus copalBolin, J. F. James City | 2004 USA | 37.28333 | -76.7833 Y | | 0 |
| 20 | Rhus copalBolin, J. F. James City | 2004 USA | 37.28333 | -76.7833 N | | 0 |
| 21 | Fragaria veBaturin, S. Burmistrovc | 2008 Russia | 54.63333 | 82.85 N | | 120 |
| 22 | Fragaria veBaturin, S. 1 Berd ♦ Ri | 2008 Russia | 54.63333 | 83.58333 N | | 120 |
| 23 | Fragaria veBaturin, S. Syenga Riv | 2008 Russia | 54.33333 | 84.2 N | | 120 |
| 24 | Fragaria veBaturin, S. 2 Berd ♦ Ri | 2008 Russia | 54.63333 | 83.61667 N | | 120 |
| 25 | TaraxacumArcamone, Sierras Chi | 2017 Argentina | -30.9667 | -64.4833 N | | 0 |
| 26 | Fragaria veBaturin, S. Tashtagol, | 2008 Russia | 52.75 | 87.88333 N | | 120 |
| 27 | Fragaria veBaturin, S. Tashtagol, | 2008 Russia | 52.75 | 87.88333 N | | 120 |
| 28 | Rosa caninAlp, S., et εVan, Turke | 2007 Turkey | 38.5 | 43.36667 N | | 84 |
| 29 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 30 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 31 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 32 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 33 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 34 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 35 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 36 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 37 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 0 |
| 38 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 39 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 0 |
| 40 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 41 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 42 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 43 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 0 |
| 44 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 45 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 0 |
| 46 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 0 |
| 47 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 48 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 0 |
| 49 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 50 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 0 |
| 51 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 52 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 53 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 0 |
| 54 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 55 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 0 |
| 56 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 57 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 58 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 59 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 112 |
| 60 | Stellaria neVandelook, Anseremmi | 2005 Belgium | 50.23333 | 4.9 N | | 0 |

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|----|---|-----------------|----------|----------|---|--|-----|
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | Cistus creti Tilki, F. (20 Artvin, Turk | 2006 Turkey | 41.16667 | 41.81667 | Y | | 0 |
| 4 | Cistus creti Tilki, F. (20 Artvin, Turk | 2006 Turkey | 41.16667 | 41.81667 | N | | 0 |
| 5 | Juniperus cTilki, F. (20 Artvin, Turk | 2005 Turkey | 41.16667 | 41.8 | N | | 0 |
| 6 | Juniperus cTilki, F. (20 Artvin, Turk | 2005 Turkey | 41.16667 | 41.8 | N | | 90 |
| 7 | Genista sccReyes, O. zMontpellier | 2008 France | 43.6 | 3.866667 | N | | 0 |
| 8 | Melica ciliaReyes, O. zMontpellier | 2008 France | 43.6 | 3.866667 | Y | | 0 |
| 9 | Rhamnus aReyes, O. zMontpellier | 2008 France | 43.6 | 3.866667 | Y | | 0 |
| 10 | Melica ciliaReyes, O. zMontpellier | 2008 France | 43.6 | 3.866667 | N | | 0 |
| 11 | Rhamnus aReyes, O. zMontpellier | 2008 France | 43.6 | 3.866667 | N | | 0 |
| 12 | Genista sccReyes, O. zMontpellier | 2008 France | 43.6 | 3.866667 | Y | | 0 |
| 13 | Lilium martPari?, A., eBorova Gla | 2007 Bosnia and | 43.78333 | 17.11667 | N | | 0 |
| 14 | Lilium martPari?, A., eBorova Gla | 2007 Bosnia and | 43.78333 | 17.11667 | Y | | 0 |
| 15 | Anemone nMondoni, A1 Poo plain | 2006 Italy | 45 | 10.48333 | N | | 0 |
| 16 | Anemone nMondoni, A1 Poo plain | 2006 Italy | 45 | 10.48333 | N | | 0 |
| 17 | Anemone nMondoni, A1 Poo plain | 2006 Italy | 45 | 10.48333 | N | | 0 |
| 18 | Anemone nMondoni, A1 Poo plain | 2006 Italy | 45 | 10.48333 | N | | 0 |
| 19 | Anemone nMondoni, A2 Poo plain | 2006 Italy | 45 | 10.5 | N | | 0 |
| 20 | Anemone nMondoni, A2 Poo plain | 2006 Italy | 45 | 10.5 | N | | 0 |
| 21 | Anemone nMondoni, A2 Poo plain | 2006 Italy | 45 | 10.5 | N | | 0 |
| 22 | Anemone nMondoni, A2 Poo plain | 2006 Italy | 45 | 10.5 | N | | 0 |
| 23 | Anemone nMondoni, A2 Poo plain | 2006 Italy | 45 | 10.5 | N | | 0 |
| 24 | Anemone nMondoni, A3 Poo plain | 2006 Italy | 45 | 10.5 | N | | 0 |
| 25 | Anemone nMondoni, A3 Poo plain | 2006 Italy | 45 | 10.5 | N | | 0 |
| 26 | Anemone nMondoni, A3 Poo plain | 2006 Italy | 45 | 10.5 | N | | 0 |
| 27 | Anemone nMondoni, A3 Poo plain | 2006 Italy | 45 | 10.5 | N | | 0 |
| 28 | Pinus sylveZhu, J., et zHonghuaer | 2003 China | 47.58333 | 118.9667 | N | | 0 |
| 29 | Anemone nMondoni, ANorthern A | 2006 Italy | 43.26667 | 12.58333 | N | | 0 |
| 30 | Anemone nMondoni, ANorthern A | 2006 Italy | 43.26667 | 12.58333 | N | | 0 |
| 31 | Anemone nMondoni, ANorthern A | 2006 Italy | 43.26667 | 12.58333 | N | | 0 |
| 32 | Anemone nMondoni, ANorthern A | 2006 Italy | 43.26667 | 12.58333 | N | | 0 |
| 33 | Erica cinerLuna, B. arSerran a l | 2008 Spain | 39.83333 | -1.33333 | N | | 0 |
| 34 | Erica cinerLuna, B. arSerran a l | 2008 Spain | 39.83333 | -1.33333 | N | | 0 |
| 35 | Teucrium cLuna, B. arSerran a l | 2008 Spain | 39.83333 | -1.33333 | N | | 0 |
| 36 | Teucrium cLuna, B. arSerran a l | 2008 Spain | 39.83333 | -1.33333 | N | | 0 |
| 37 | Quercus ro Doody, C. lCoillte See | 2006 Ireland | 52.83333 | -6.93333 | N | | 0 |
| 38 | Pinus sylveDaws, M. l. United King | 2005 UK | 53.38333 | -2.05 | N | | 0 |
| 39 | Pinus pondDaws, M. l. United King | 2005 UK | 53.38333 | -2.05 | N | | 0 |
| 40 | Acer pseudDaws, M. l. United King | 2003 UK | 51.05 | -0.1 | N | | 0 |
| 41 | Pinus montDaws, M. l. United King | 2005 UK | 53.38333 | -2.05 | N | | 0 |
| 42 | Pinus contcDaws, M. l. United King | 2005 UK | 53.38333 | -2.05 | N | | 0 |
| 43 | Castanea sPritchard, f Italy | 1987 Italy | 42.9 | 12.76667 | N | | 100 |
| 44 | Castanea sPritchard, f Italy | 1987 Italy | 42.9 | 12.76667 | N | | 100 |
| 45 | Castanea sPritchard, f Italy | 1987 Italy | 42.9 | 12.76667 | N | | 100 |
| 46 | Castanea sPritchard, f Italy | 1987 Italy | 42.9 | 12.76667 | N | | 100 |
| 47 | Castanea sPritchard, f Italy | 1987 Italy | 42.9 | 12.76667 | N | | 100 |
| 48 | Castanea sPritchard, f Italy | 1987 Italy | 42.9 | 12.76667 | N | | 100 |
| 49 | Castanea sPritchard, f Italy | 1987 Italy | 42.9 | 12.76667 | N | | 100 |
| 50 | Acer pseudDaws, M. l. Italy | 2003 Italy | 45.68333 | 11.21667 | N | | 0 |
| 51 | Castanea sPritchard, f Italy | 1987 Italy | 42.9 | 12.76667 | N | | 100 |
| 52 | Castanea sPritchard, f Italy | 1987 Italy | 42.9 | 12.76667 | N | | 100 |
| 53 | Castanea sPritchard, f Italy | 1987 Italy | 42.9 | 12.76667 | N | | 100 |
| 54 | Fraxinus eDacasa Ru Oberreheing | 2004 Germany | 48.36667 | 7.816667 | N | | 224 |
| 55 | Fraxinus eDacasa Ru S ddeutsc | 2004 Germany | 47.88333 | 8.1 | N | | 224 |
| 56 | Fraxinus eDacasa Ru S ddeutsc | 2004 Germany | 48.48333 | 9.4 | N | | 224 |
| 57 | Myrica rubrChen, S. Y. Nanjuang, l | 2003 Taiwan | 24.6 | 120.9833 | N | | 0 |
| 58 | Myrica rubrChen, S. Y. Nanjuang, l | 2003 Taiwan | 24.6 | 120.9833 | N | | 168 |
| 59 | Myrica rubrChen, S. Y. Nanjuang, l | 2003 Taiwan | 24.6 | 120.9833 | N | | 84 |

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|----|--|--------------|----------|------------|--|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Zelkova serYang, J. C. Da-Mann, T | 1999 Taiwan | 24.66667 | 121.3833 N | | 0 |
| 4 | Camellia ja Wang, G., Qingdao Bo | 2013 China | 36.06667 | 120.35 N | | 0 |
| 5 | Camellia ja Wang, G., Qingdao Bo | 2013 China | 36.06667 | 120.35 N | | 0 |
| 6 | Camellia ja Wang, G., Qingdao Bo | 2013 China | 36.06667 | 120.35 N | | 0 |
| 7 | Camellia ja Wang, G., Qingdao Bo | 2013 China | 36.06667 | 120.35 N | | 0 |
| 8 | Camellia ja Wang, G., Qingdao Bo | 2013 China | 36.06667 | 120.35 N | | 0 |
| 9 | Zelkova serYang, J. C. Wu-Sheh, T | 1999 Taiwan | 24.03333 | 121.1333 N | | 0 |
| 10 | Zelkova serYang, J. C. Mei-Shan, T | 1999 Taiwan | 23.26667 | 120.8333 N | | 0 |
| 11 | Zelkova serYang, J. C. Fong-Shu-l | 2000 Taiwan | 24 | 121.0667 N | | 0 |
| 12 | Zelkova serYang, J. C. Nan-Juang | 2000 Taiwan | 24.56667 | 121.0333 N | | 0 |
| 13 | Ophiopogon Suzuki, K., Yokohama, | 1996 Japan | 35.43333 | 139.6333 N | | 0 |
| 14 | Alliaria petiolaris Gar Spain | 1966 Spain | 40.01667 | -3.86667 N | | 0 |
| 15 | Alliaria petiolaris Gar Spain | 1968 Spain | 40.01667 | -3.86667 N | | 0 |
| 16 | Alnus glutinosa O'Reilly, C. Two merge | 2001 UK | 56.46667 | -3 N | | 0 |
| 17 | Alnus glutinosa O'Reilly, C. Two merge | 2001 UK | 56.46667 | -3 N | | 84 |
| 18 | Alnus glutinosa O'Reilly, C. Two merge | 2001 UK | 56.46667 | -3 N | | 84 |
| 19 | Alnus glutinosa O'Reilly, C. Two merge | 2001 UK | 56.46667 | -3 N | | 0 |
| 20 | Betula pubescens O'Reilly, C. Two merge | 2000 Ireland | 53.03333 | -7.28333 N | | 0 |
| 21 | Betula pubescens O'Reilly, C. Two merge | 2000 Ireland | 53.03333 | -7.28333 N | | 84 |
| 22 | Betula pubescens O'Reilly, C. Two merge | 2000 Ireland | 53.03333 | -7.28333 N | | 84 |
| 23 | Betula pubescens O'Reilly, C. Two merge | 2000 Ireland | 53.03333 | -7.28333 N | | 0 |
| 24 | Lotus corniculatus Nikolic, R., Zaječar, Se | 1999 Serbia | 43.88333 | 22.26667 N | | 0 |
| 25 | Fagus sylvatica Mortensen, Danish Sta | 2000 Denmark | 55.95 | 9.316667 N | | 0 |
| 26 | Fagus sylvatica Mortensen, Danish Sta | 2000 Denmark | 55.95 | 9.316667 N | | 0 |
| 27 | Fagus sylvatica Mortensen, Danish Sta | 2000 Denmark | 55.95 | 9.316667 N | | 119 |
| 28 | Fagus sylvatica Mortensen, Danish Sta | 2003 Denmark | 55.86667 | 9.2 N | | 70 |
| 29 | Fagus sylvatica Mortensen, Danish Sta | 2003 Denmark | 55.86667 | 9.2 N | | 0 |
| 30 | Fagus sylvatica Mortensen, Danish Sta | 2000 Denmark | 55.95 | 9.316667 N | | 119 |
| 31 | Fagus sylvatica Mortensen, Danish Sta | 2003 Denmark | 55.86667 | 9.2 N | | 70 |
| 32 | Fagus sylvatica Mortensen, Danish Sta | 2003 Denmark | 55.86667 | 9.2 N | | 0 |
| 33 | Robinia pseudoacacia Toumi, M., Cherchell, A | 2014 Algiers | 36.78333 | 2.616667 N | | 0 |
| 34 | Robinia pseudoacacia Toumi, M., Cherchell, A | 2014 Algiers | 36.78333 | 2.616667 Y | | 0 |
| 35 | Maianthemum kosiowskii, I. Two popul | 2000 Poland | 54.83333 | 18.05 N | | 0 |
| 36 | Maianthemum kosiowskii, I. Two popul | 2000 Poland | 54.83333 | 18.05 N | | 0 |
| 37 | Maianthemum kosiowskii, I. Two popul | 2000 Poland | 54.83333 | 18.05 N | | 0 |
| 38 | Stellaria media Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 39 | Scrophularia Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 40 | Paris quadrifida Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 41 | Milium effusum Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 42 | Moehringia Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 43 | Geranium robertianum Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 44 | Scrophularia Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 45 | Phyteuma sp. Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 46 | Hypericum Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 47 | Ranunculus Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 48 | Milium effusum Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 49 | Stellaria media Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 50 | Juncus effusus Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 51 | Epilobium Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 52 | Oxalis acetosella Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 53 | Melica nutans Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 54 | Stachys sylvestris Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 55 | Maianthemum Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 56 | Ajuga reptans Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 57 | Lamium galeatum Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |
| 58 | Urtica dioica Jankowska Bialowieza | 2004 Poland | 52.83333 | 23.81667 N | | 126 |

| | | | | | | | |
|----------------------|--------------------------|------|---------|----------|----------|---|-----|
| Phyteuma s | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Maianthem | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Melica nuta | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Epilobium r | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Circaea lutea | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Lapsana ccc | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Urtica dioica | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Poa nemoralis | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Lamium gale | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Stellaria media | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Geranium robertianum | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Paris quadrifida | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Aegopodium | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Moehringia | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Stellaria holostea | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Stachys sylvestris | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Juncus effusus | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Ajuga reptans | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Ranunculus | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Oxalis acetosella | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Circaea lutea | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Allium ursinum | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Aegopodium | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Poa nemoralis | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Lapsana ccc | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Allium ursinum | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Hypericum | Jankowska Bialowieza | 2004 | Poland | 52.83333 | 23.81667 | N | 126 |
| Medicago lutea | Gresta, F., Castiglione | 2003 | Italy | 37.86667 | 15.11667 | N | 0 |
| Medicago lutea | Gresta, F., Castiglione | 2003 | Italy | 37.86667 | 15.11667 | Y | 0 |
| Medicago lutea | Gresta, F., Castiglione | 2003 | Italy | 37.86667 | 15.11667 | Y | 0 |
| Medicago lutea | Gresta, F., Castiglione | 2003 | Italy | 37.86667 | 15.11667 | Y | 0 |
| Medicago lutea | Gresta, F., Castiglione | 2003 | Italy | 37.86667 | 15.11667 | N | 0 |
| Medicago lutea | Gresta, F., Castiglione | 2003 | Italy | 37.86667 | 15.11667 | N | 0 |
| Medicago lutea | Gresta, F., Castiglione | 2003 | Italy | 37.86667 | 15.11667 | Y | 0 |
| Medicago lutea | Gresta, F., Castiglione | 2003 | Italy | 37.86667 | 15.11667 | N | 0 |
| Medicago lutea | Gresta, F., Castiglione | 2003 | Italy | 37.86667 | 15.11667 | Y | 0 |
| Medicago lutea | Gresta, F., Castiglione | 2003 | Italy | 37.86667 | 15.11667 | N | 0 |
| Larix decidua | Gorian, F., Seven pool | 2004 | Italy | 45.25 | 10.91667 | Y | 0 |
| Larix decidua | Gorian, F., Seven pool | 2004 | Italy | 45.25 | 10.91667 | Y | 100 |
| Prunus serotina | Esen, D., e Ukraine | 2006 | Ukraine | 49.55 | 30.6 | N | 120 |
| Prunus serotina | Esen, D., e Ukraine | 2006 | Ukraine | 49.55 | 30.6 | N | 0 |
| Prunus serotina | Esen, D., e Ukraine | 2006 | Ukraine | 49.55 | 30.6 | N | 90 |
| Prunus serotina | Esen, D., e Hungary | 2006 | Hungary | 47.23333 | 19.05 | N | 90 |
| Prunus serotina | Esen, D., e Hungary | 2006 | Hungary | 47.23333 | 19.05 | N | 0 |
| Prunus serotina | Esen, D., e Hungary | 2006 | Hungary | 47.23333 | 19.05 | N | 120 |
| Prunus serotina | Esen, D., e Michigan 1 | 2006 | USA | 45.01667 | -84.8333 | N | 120 |
| Prunus serotina | Esen, D., e Michigan 1 | 2006 | USA | 45.01667 | -84.8333 | N | 90 |
| Prunus serotina | Esen, D., e Michigan 1 | 2006 | USA | 45.01667 | -84.8333 | N | 0 |
| Prunus serotina | Esen, D., e Michigan 2 | 2006 | USA | 44.43333 | -84.4667 | N | 120 |
| Prunus serotina | Esen, D., e Michigan 2 | 2006 | USA | 44.43333 | -84.4667 | N | 0 |
| Prunus serotina | Esen, D., e Michigan 2 | 2006 | USA | 44.43333 | -84.4667 | N | 90 |
| Prunus serotina | Esen, D., e Virginia hig | 2006 | USA | 36.96667 | -81.5333 | N | 0 |
| Prunus serotina | Esen, D., e Virginia hig | 2006 | USA | 36.96667 | -81.5333 | N | 90 |
| Prunus serotina | Esen, D., e Virginia hig | 2006 | USA | 36.96667 | -81.5333 | N | 120 |
| Prunus serotina | Esen, D., e Virginia me | 2006 | USA | 37.15 | -78.6167 | N | 0 |
| Prunus serotina | Esen, D., e Virginia me | 2006 | USA | 37.15 | -78.6167 | N | 90 |

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|----|--------------|--------------------------|-----------------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Phillyrea la | Spyroglou, Kassandra, | 2012 Greece | 39.98333 | 23.5 N | 180 |
| 4 | Phillyrea la | Spyroglou, Kassandra, | 2012 Greece | 39.98333 | 23.5 N | 180 |
| 5 | Phillyrea la | Spyroglou, Kassandra, | 2012 Greece | 39.98333 | 23.5 N | 180 |
| 6 | Phillyrea la | Spyroglou, Kassandra, | 2012 Greece | 39.98333 | 23.5 N | 0 |
| 7 | Prunus ser | Esen, D., e Virginia low | 2006 USA | 37.58333 | -76.7 N | 0 |
| 8 | Prunus ser | Esen, D., e Virginia low | 2006 USA | 37.58333 | -76.7 N | 90 |
| 9 | Alnus glutir | De Atrip, N South-west | 2001 UK | 55.41667 | -4.03333 N | 84 |
| 10 | Alnus glutir | De Atrip, N South-west | 2001 UK | 55.41667 | -4.03333 N | 84 |
| 11 | Alnus glutir | De Atrip, N South-west | 2001 UK | 55.41667 | -4.03333 N | 84 |
| 12 | Alnus glutir | De Atrip, N South-west | 2001 UK | 55.41667 | -4.03333 N | 84 |
| 13 | Alnus glutir | De Atrip, N South-west | 2001 UK | 55.41667 | -4.03333 N | 84 |
| 14 | Alnus glutir | De Atrip, N South-west | 2001 UK | 55.41667 | -4.03333 N | 84 |
| 15 | Alnus glutir | De Atrip, N Mid-easterr | 2001 UK | 52.78333 | 0 N | 84 |
| 16 | Alnus glutir | De Atrip, N Mid-easterr | 2001 UK | 52.78333 | 0 N | 84 |
| 17 | Alnus glutir | De Atrip, N Mid-easterr | 2001 UK | 52.78333 | 0 N | 84 |
| 18 | Alnus glutir | De Atrip, N Mid-easterr | 2001 UK | 52.78333 | 0 N | 84 |
| 19 | Alnus glutir | De Atrip, N Mid-easterr | 2001 UK | 52.78333 | 0 N | 84 |
| 20 | Alnus glutir | De Atrip, N Mid-easterr | 2001 UK | 52.78333 | 0 N | 84 |
| 21 | Alnus glutir | De Atrip, N Mid-easterr | 2001 UK | 52.78333 | 0 N | 84 |
| 22 | Betula pub | De Atrip, N Co. Laois, I | 2000 Ireland | 52.83333 | -6.91667 N | 84 |
| 23 | Betula pub | De Atrip, N Co. Laois, I | 2000 Ireland | 52.83333 | -6.91667 N | 84 |
| 24 | Betula pub | De Atrip, N Co. Laois, I | 2000 Ireland | 52.83333 | -6.91667 N | 84 |
| 25 | Betula pub | De Atrip, N Co. Laois, I | 2000 Ireland | 52.83333 | -6.91667 N | 84 |
| 26 | Betula pub | De Atrip, N Co. Laois, I | 2000 Ireland | 52.83333 | -6.91667 N | 84 |
| 27 | Betula pub | De Atrip, N Co. Laois, I | 2000 Ireland | 52.83333 | -6.91667 N | 84 |
| 28 | Betula pub | De Atrip, N Co. Cork, Ir | 2000 Ireland | 51.85 | -8.58333 N | 84 |
| 29 | Betula pub | De Atrip, N Co. Cork, Ir | 2000 Ireland | 51.85 | -8.58333 N | 84 |
| 30 | Betula pub | De Atrip, N Co. Cork, Ir | 2000 Ireland | 51.85 | -8.58333 N | 84 |
| 31 | Betula pub | De Atrip, N Co. Cork, Ir | 2000 Ireland | 51.85 | -8.58333 N | 84 |
| 32 | Betula pub | De Atrip, N Co. Cork, Ir | 2000 Ireland | 51.85 | -8.58333 N | 84 |
| 33 | Betula pub | De Atrip, N Co. Cork, Ir | 2000 Ireland | 51.85 | -8.58333 N | 84 |
| 34 | Vitis rotund | Conner, P. University c | 2006 USA | 31.46667 | -83.5167 N | 90 |
| 35 | Vitis rotund | Conner, P. University c | 2006 USA | 31.46667 | -83.5167 N | 0 |
| 36 | Vitis rotund | Conner, P. University c | 2006 USA | 31.46667 | -83.5167 N | 0 |
| 37 | Vitis rotund | Conner, P. University c | 2006 USA | 31.46667 | -83.5167 N | 90 |
| 38 | Vitis rotund | Conner, P. University c | 2006 USA | 31.46667 | -83.5167 N | 90 |
| 39 | Vitis rotund | Conner, P. University c | 2006 USA | 31.46667 | -83.5167 N | 0 |
| 40 | Vitis rotund | Conner, P. University c | 2006 USA | 31.46667 | -83.5167 N | 0 |
| 41 | Vitis rotund | Conner, P. University c | 2006 USA | 31.46667 | -83.5167 N | 90 |
| 42 | Ulmus minc | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 43 | Ulmus glab | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 44 | Ulmus glab | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 45 | Ulmus glab | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 46 | Ulmus glab | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 47 | Ulmus glab | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 48 | Ulmus glab | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 49 | Ulmus minc | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 50 | Ulmus minc | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 51 | Ulmus minc | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 52 | Ulmus minc | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 53 | Ulmus glab | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 54 | Ulmus glab | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 55 | Ulmus glab | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 56 | Ulmus minc | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 57 | Ulmus minc | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 58 | Ulmus minc | Cicek, E. aiWestern Bl | 2004 Turkey | 41.41667 | 32.85 N | 0 |
| 59 | Festuca ovi | Bulut, Y. arMommerste | 2005 Netherland | 52.3 | 5.233333 N | 0 |
| 60 | Pinus sylve | Alvarez, R. Sierra del T | 2006 Spain | 42.33333 | -6.38333 N | 0 |

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|----|--------------|--------------------------|------|---------|----------|----------|---|----|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | Pinus nigra | Alvarez, R. Sierra del T | 2006 | Spain | 42.33333 | -6.38333 | N | 0 |
| 4 | Staphylea | řTylkowski, ęDukla fores | 2000 | Poland | 49.55 | 21.66667 | N | 63 |
| 5 | Schizachyri | Springer, TNU1 South | 2013 | USA | 36.41667 | -99.4 | N | 0 |
| 6 | Hypericum | Perez-GarVillarubia d | 2002 | Spain | 39.01667 | -3.01667 | N | 0 |
| 7 | Hypericum | Perez-GarVillarubia d | 2002 | Spain | 39.01667 | -3.01667 | N | 0 |
| 8 | Hypericum | Perez-GarBienservida | 2002 | Spain | 38.01667 | -2.01667 | N | 0 |
| 9 | Hypericum | Perez-GarBienservida | 2002 | Spain | 38.01667 | -2.01667 | N | 0 |
| 10 | Hypericum | Perez-GarBienservida | 2002 | Spain | 38.01667 | -2.01667 | N | 0 |
| 11 | Hypericum | Perez-GarBienservida | 2002 | Spain | 38.01667 | -2.01667 | N | 0 |
| 12 | Dactylis glc | Perez-FernQuercus ro | 2005 | Spain | 39.16667 | -7 | N | 0 |
| 13 | Pinus strob | Parker, W. Central Ont | 2005 | Canada | 48.98333 | -84.25 | N | 0 |
| 14 | Helleborus | Niimi, Y., elShizuka far | 2003 | Japan | 37.5 | 138.9167 | N | 56 |
| 15 | Helleborus | Niimi, Y., elShizuka far | 2003 | Japan | 37.5 | 138.9167 | N | 0 |
| 16 | Phragmites | Gorai, M., ęZirkine, Gal | 2001 | Tunisia | 33.66667 | 10.21667 | N | 0 |
| 17 | Phragmites | Gorai, M., ęZirkine, Gal | 2001 | Tunisia | 33.66667 | 10.21667 | N | 0 |
| 18 | Phragmites | Gorai, M., ęZirkine, Gal | 2001 | Tunisia | 33.66667 | 10.21667 | N | 0 |
| 19 | Phragmites | Gorai, M., ęZirkine, Gal | 2001 | Tunisia | 33.66667 | 10.21667 | N | 0 |
| 20 | Phragmites | Gorai, M., ęZirkine, Gal | 2001 | Tunisia | 33.66667 | 10.21667 | N | 0 |
| 21 | Phragmites | Gorai, M., ęZirkine, Gal | 2001 | Tunisia | 33.66667 | 10.21667 | N | 0 |
| 22 | Phragmites | Gorai, M., ęZirkine, Gal | 2001 | Tunisia | 33.66667 | 10.21667 | N | 0 |
| 23 | Phragmites | Gorai, M., ęZirkine, Gal | 2001 | Tunisia | 33.66667 | 10.21667 | N | 0 |
| 24 | Acer pseud | Daws, M. I.Aberdeen, ę | 2003 | UK | 57.16667 | -2.06667 | N | 0 |
| 25 | Acer pseud | Daws, M. I.Aberdeen, ę | 2003 | UK | 57.16667 | -2.06667 | N | 0 |
| 26 | Acer pseud | Daws, M. I.Aberdeen, ę | 2003 | UK | 57.16667 | -2.06667 | N | 0 |
| 27 | Acer pseud | Daws, M. I.Aberdeen, ę | 2003 | UK | 57.16667 | -2.06667 | N | 0 |
| 28 | Acer pseud | Daws, M. I.Aberdeen, ę | 2003 | UK | 57.16667 | -2.06667 | N | 0 |
| 29 | Acer pseud | Daws, M. I.Aberdeen, ę | 2003 | UK | 57.16667 | -2.06667 | N | 0 |
| 30 | Acer pseud | Daws, M. I.Aberdeen, ę | 2003 | UK | 57.16667 | -2.06667 | N | 0 |
| 31 | Acer pseud | Daws, M. I.Angers, Fra | 2003 | France | 47.15 | ##### | N | 0 |
| 32 | Acer pseud | Daws, M. I.Angers, Fra | 2003 | France | 47.15 | ##### | N | 0 |
| 33 | Acer pseud | Daws, M. I.Angers, Fra | 2003 | France | 47.15 | ##### | N | 0 |
| 34 | Acer pseud | Daws, M. I.Angers, Fra | 2003 | France | 47.15 | ##### | N | 0 |
| 35 | Acer pseud | Daws, M. I.Angers, Fra | 2003 | France | 47.15 | ##### | N | 0 |
| 36 | Acer pseud | Daws, M. I.Angers, Fra | 2003 | France | 47.15 | ##### | N | 0 |
| 37 | Acer pseud | Daws, M. I.Angers, Fra | 2003 | France | 47.15 | ##### | N | 0 |
| 38 | Acer pseud | Daws, M. I.Ardingly, Ei | 2003 | UK | 51.05 | -0.1 | N | 0 |
| 39 | Acer pseud | Daws, M. I.Ardingly, Ei | 2003 | UK | 51.05 | -0.1 | N | 0 |
| 40 | Acer pseud | Daws, M. I.Ardingly, Ei | 2003 | UK | 51.05 | -0.1 | N | 0 |
| 41 | Acer pseud | Daws, M. I.Ardingly, Ei | 2003 | UK | 51.05 | -0.1 | N | 0 |
| 42 | Acer pseud | Daws, M. I.Ardingly, Ei | 2003 | UK | 51.05 | -0.1 | N | 0 |
| 43 | Acer pseud | Daws, M. I.Ardingly, Ei | 2003 | UK | 51.05 | -0.1 | N | 0 |
| 44 | Acer pseud | Daws, M. I.Ardingly, Ei | 2003 | UK | 51.05 | -0.1 | N | 0 |
| 45 | Acer pseud | Daws, M. I.Ardingly, Ei | 2003 | UK | 51.05 | -0.1 | N | 0 |
| 46 | Acer pseud | Daws, M. I.Bergen, No | 2003 | Norway | 60.2 | 5.316667 | N | 0 |
| 47 | Acer pseud | Daws, M. I.Bergen, No | 2003 | Norway | 60.2 | 5.316667 | N | 0 |
| 48 | Acer pseud | Daws, M. I.Bergen, No | 2003 | Norway | 60.2 | 5.316667 | N | 0 |
| 49 | Acer pseud | Daws, M. I.Bergen, No | 2003 | Norway | 60.2 | 5.316667 | N | 0 |
| 50 | Acer pseud | Daws, M. I.Bergen, No | 2003 | Norway | 60.2 | 5.316667 | N | 0 |
| 51 | Acer pseud | Daws, M. I.Bergen, No | 2003 | Norway | 60.2 | 5.316667 | N | 0 |
| 52 | Acer pseud | Daws, M. I.Bergen, No | 2003 | Norway | 60.2 | 5.316667 | N | 0 |
| 53 | Schizachyri | Springer, TNU2 South | 2013 | USA | 36.41667 | -99.4 | N | 0 |
| 54 | Acer pseud | Daws, M. I.Mt Lessini, | 2003 | Italy | 45.68333 | 11.21667 | N | 0 |
| 55 | Acer pseud | Daws, M. I.Mt Lessini, | 2003 | Italy | 45.68333 | 11.21667 | N | 0 |
| 56 | Acer pseud | Daws, M. I.Mt Lessini, | 2003 | Italy | 45.68333 | 11.21667 | N | 0 |
| 57 | Acer pseud | Daws, M. I.Mt Lessini, | 2003 | Italy | 45.68333 | 11.21667 | N | 0 |
| 58 | Acer pseud | Daws, M. I.Mt Lessini, | 2003 | Italy | 45.68333 | 11.21667 | N | 0 |
| 59 | Acer pseud | Daws, M. I.Mt Lessini, | 2003 | Italy | 45.68333 | 11.21667 | N | 0 |
| 60 | Acer pseud | Daws, M. I.Mt Lessini, | 2003 | Italy | 45.68333 | 11.21667 | N | 0 |

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|----|-------------------------------------|------------------|----------|------------|--|--|-----|
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | Acer pseudDaws, M. I. Thessaly, C | 2003 Greece | 39.25 | 21.66667 N | | | 0 |
| 4 | Acer pseudDaws, M. I. Thessaly, C | 2003 Greece | 39.25 | 21.66667 N | | | 0 |
| 5 | Acer pseudDaws, M. I. Thessaly, C | 2003 Greece | 39.25 | 21.66667 N | | | 0 |
| 6 | Acer pseudDaws, M. I. Thessaly, C | 2003 Greece | 39.25 | 21.66667 N | | | 0 |
| 7 | Acer pseudDaws, M. I. Thessaly, C | 2003 Greece | 39.25 | 21.66667 N | | | 0 |
| 8 | Acer pseudDaws, M. I. Thessaly, C | 2003 Greece | 39.25 | 21.66667 N | | | 0 |
| 9 | Acer pseudDaws, M. I. Thessaly, C | 2003 Greece | 39.25 | 21.66667 N | | | 0 |
| 10 | Origanum \Bischoff, A. Naumburg, | 2005 Germany | 51.13333 | 11.73333 N | | | 0 |
| 11 | Origanum \Bischoff, A. Naumburg, | 2005 Germany | 51.13333 | 11.73333 N | | | 0 |
| 12 | Origanum \Bischoff, A. Norfolk, UK | 2005 UK | 52.75 | ##### N | | | 0 |
| 13 | Origanum \Bischoff, A. Norfolk, UK | 2005 UK | 52.75 | ##### N | | | 0 |
| 14 | Origanum \Bischoff, A. North Bade | 2005 Germany | 48.76667 | 8.183333 N | | | 0 |
| 15 | Origanum \Bischoff, A. North Bade | 2005 Germany | 48.76667 | 8.183333 N | | | 0 |
| 16 | Origanum \Bischoff, A. Region Frik | 2005 Switzerland | 46.78333 | 7.133333 N | | | 0 |
| 17 | Origanum \Bischoff, A. Region Frik | 2005 Switzerland | 46.78333 | 7.133333 N | | | 0 |
| 18 | Origanum \Bischoff, A. Region Wir | 2005 Switzerland | 47.48333 | 8.716667 N | | | 0 |
| 19 | Origanum \Bischoff, A. Region Wir | 2005 Switzerland | 47.48333 | 8.716667 N | | | 0 |
| 20 | Dioscorea \Albrecht, MHorizon He | 2003 USA | 42.21667 | -123.267 N | | | 0 |
| 21 | Dioscorea \Albrecht, MHorizon He | 2003 USA | 42.21667 | -123.267 N | | | 0 |
| 22 | Dioscorea \Albrecht, MHorizon He | 2003 USA | 42.21667 | -123.267 N | | | 0 |
| 23 | Dioscorea \Albrecht, MHorizon He | 2003 USA | 42.21667 | -123.267 N | | | 0 |
| 24 | Pinus sylveZhu, J., et 3 Honghuaer | 2003 China | 48.01667 | 119.0167 N | | | 0 |
| 25 | Picea abiesSuszka, B., Hochsauerl | 1973 Germany | 51.31667 | 8.316667 N | | | 0 |
| 26 | SchizachyriSpringer, T UC1 South | 2013 USA | 36.41667 | -99.4 N | | | 0 |
| 27 | Fagus orierSoltani, A., Hyrcanian r | 2004 Iran | 36.48333 | 51.13333 N | | | 56 |
| 28 | Fagus orierSoltani, A., Hyrcanian r | 2004 Iran | 36.48333 | 51.13333 N | | | 0 |
| 29 | Vaccinium 'Shimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 0 |
| 30 | Solidago viiShimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 60 |
| 31 | Vaccinium 'Shimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 0 |
| 32 | Solidago viiShimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 60 |
| 33 | Solidago viiShimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 0 |
| 34 | Solidago viiShimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 0 |
| 35 | Solidago viiShimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 0 |
| 36 | Vaccinium 'Shimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 60 |
| 37 | Vaccinium 'Shimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 60 |
| 38 | Solidago viiShimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 0 |
| 39 | Vaccinium 'Shimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 0 |
| 40 | Vaccinium 'Shimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 60 |
| 41 | Solidago viiShimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 0 |
| 42 | Solidago viiShimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 60 |
| 43 | Vaccinium 'Shimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 60 |
| 44 | Vaccinium 'Shimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 60 |
| 45 | Solidago viiShimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 60 |
| 46 | Solidago viiShimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 0 |
| 47 | Vaccinium 'Shimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 60 |
| 48 | Solidago viiShimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 60 |
| 49 | Vaccinium 'Shimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 0 |
| 50 | Vaccinium 'Shimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 0 |
| 51 | Solidago viiShimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 60 |
| 52 | Solidago viiShimono, YTaisetsu M | 1998 Japan | 43.55 | 142.8667 N | | | 0 |
| 53 | Crataegus iPersson, L. Dyrelund, E | 2000 Denmark | 55.86667 | 12.26667 Y | | | 0 |
| 54 | Crataegus iPersson, L. Dyrelund, E | 2000 Denmark | 55.86667 | 12.26667 N | | | 112 |
| 55 | Crataegus iPersson, L. Dyrelund, E | 2000 Denmark | 55.86667 | 12.26667 Y | | | 112 |
| 56 | Crataegus iPersson, L. Dyrelund, E | 2000 Denmark | 55.86667 | 12.26667 N | | | 0 |
| 57 | Primula vulZerche, S. Institute of | 2004 Germany | 51.03333 | 10.98333 N | | | 7 |
| 58 | Fagus sylvRatajczak, Krucz Fore | 2000 Poland | 52.83333 | 16.4 N | | | 0 |
| 59 | Acer platanPaw?owskiK?ornik, Po | 1997 Poland | 52.23333 | 17.08333 N | | | 0 |
| 60 | | | | | | | |

| | | | | |
|-------------------------------------|--------------|----------|------------|-----|
| Acer platanPaw?owskiK♦rnik, Po | 1997 Poland | 52.23333 | 17.08333 N | 0 |
| Acer platanKrawiarz, KK♦rnik, Po | 2000 Poland | 52.23333 | 17.08333 N | 0 |
| Fagus sylvKrawiarz, KK♦rnik, Po | 2000 Poland | 52.23333 | 17.08333 N | 0 |
| Viburnum aHidayati, S.Powell Cou | 1997 USA | 37.83333 | -83.8167 N | 0 |
| Viburnum aHidayati, S.Powell Cou | 1997 USA | 37.83333 | -83.8167 N | 0 |
| Viburnum aHidayati, S.Powell Cou | 1997 USA | 37.83333 | -83.8167 N | 0 |
| Viburnum aHidayati, S.Powell Cou | 1997 USA | 37.83333 | -83.8167 N | 0 |
| Viburnum aHidayati, S.Powell Cou | 1997 USA | 37.83333 | -83.8167 N | 0 |
| Viburnum aHidayati, S.Powell Cou | 1997 USA | 37.83333 | -83.8167 N | 0 |
| Arbutus uniHerranz, J. Sierra del F | 2001 Spain | 38.61667 | -2.7 N | 0 |
| Rhamnus aHerranz, J. Valle de Tu | 2001 Spain | 38.36667 | -2.41667 N | 0 |
| Solidago viiGim♦nez-IPico Pe♦a | 2001 Spain | 40.83333 | -3.95 N | 0 |
| Solidago viiGim♦nez-IPico Pe♦a | 2001 Spain | 40.83333 | -3.95 N | 0 |
| Solidago viiGim♦nez-IPico Pe♦a | 2001 Spain | 40.83333 | -3.95 N | 0 |
| SchizachyriSpringer, T UC2 South | 2013 USA | 36.41667 | -99.4 N | 0 |
| RhododencErfmeier, ASix populat | 2000 Spain | 40.11667 | -3.85 N | 0 |
| RhododencErfmeier, ASix populat | 2000 Spain | 40.11667 | -3.85 N | 0 |
| RhododencErfmeier, ASix populat | 2000 Spain | 40.11667 | -3.85 N | 0 |
| RhododencErfmeier, ASix populat | 2000 Spain | 40.11667 | -3.85 N | 0 |
| RhododencErfmeier, ASix populat | 1999 Georgia | 41.96667 | 43.53333 N | 0 |
| RhododencErfmeier, ASix populat | 1999 Georgia | 41.96667 | 43.53333 N | 0 |
| RhododencErfmeier, ASix populat | 1999 Georgia | 41.96667 | 43.53333 N | 0 |
| RhododencErfmeier, ASix populat | 1999 Georgia | 41.96667 | 43.53333 N | 0 |
| Alliaria petiDorning, M Wright Stat | 2003 USA | 39.78333 | -84.05 N | 0 |
| Impatiens cDorning, M Wright Stat | 2003 USA | 39.78333 | -84.05 N | 0 |
| Carex pencBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex pencBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex pencBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex pencBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex pencBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex pencBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex pencBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex pencBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 140 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex pencBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 140 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex pencBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex pencBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex pencBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 140 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex pencBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex pencBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex remcBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |
| Carex pencBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 140 |
| Carex pencBr♦ndel, NKiel, northe | 2000 Germany | 54.3 | 10.11667 N | 70 |

| | | | | | | |
|----|---------------------------------------|--------------|----------|------------|--|----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Carex remcBröndel, M Kiel, northe | 2000 Germany | 54.3 | 10.11667 N | | 70 |
| 4 | Pinus bank Simpson, J Canada | 1967 Canada | 53.18333 | -100.517 N | | 0 |
| 5 | Pinus strob Simpson, J Canada | 1967 Canada | 53.18333 | -100.517 N | | 30 |
| 6 | Picea ruber Simpson, J Canada | 1967 Canada | 53.18333 | -100.517 N | | 0 |
| 7 | Picea glauc Simpson, J Canada | 1967 Canada | 53.18333 | -100.517 N | | 30 |
| 8 | Acer rubrur Simpson, J Canada | 1967 Canada | 53.18333 | -100.517 N | | 30 |
| 9 | Betula alleç Simpson, J Canada | 1967 Canada | 53.18333 | -100.517 N | | 30 |
| 10 | Pinus contc Simpson, J Canada | 1967 Canada | 53.18333 | -100.517 N | | 30 |
| 11 | Pinus resin Simpson, J Canada | 1967 Canada | 53.18333 | -100.517 N | | 0 |
| 12 | Betula papı Simpson, J Canada | 1967 Canada | 53.18333 | -100.517 N | | 0 |
| 13 | Picea mariç Simpson, J Canada | 1967 Canada | 53.18333 | -100.517 N | | 0 |
| 14 | Abies balsç Simpson, J Canada | 1967 Canada | 53.18333 | -100.517 N | | 30 |
| 15 | Populus tre Simpson, J Canada | 1967 Canada | 53.18333 | -100.517 N | | 0 |
| 16 | Populus grç Simpson, J Canada | 1967 Canada | 53.18333 | -100.517 N | | 0 |
| 17 | Amelanchiç Rosner, L. Idaho, USA | 2003 USA | 44.18333 | -114.183 N | | 0 |
| 18 | Amelanchiç Rosner, L. Idaho, USA | 2003 USA | 44.18333 | -114.183 N | | 84 |
| 19 | Shepherdia Rosner, L. Montana, L | 2003 USA | 46.38333 | -109.9 Y | | 0 |
| 20 | Shepherdia Rosner, L. Montana, L | 2003 USA | 46.38333 | -109.9 Y | | 84 |
| 21 | Tanacetum Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 22 | Tanacetum Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 23 | Valeriana o Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 24 | Tanacetum Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 25 | Valeriana o Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 26 | Valeriana o Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 27 | Valeriana o Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 28 | Valeriana o Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 29 | Tanacetum Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 30 | Valeriana o Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 31 | Tanacetum Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 32 | Tanacetum Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 33 | Tanacetum Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 34 | Valeriana o Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 35 | Valeriana o Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 36 | Valeriana o Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 37 | Tanacetum Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 38 | Valeriana o Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 39 | Tanacetum Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 40 | Valeriana o Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 41 | Tanacetum Hassell, R. Johnny's S | 1999 USA | 44.56667 | -69.5833 N | | 0 |
| 42 | Acer pseudGosling, P. Forestry Cc | 2003 UK | 52.56667 | -1.03333 N | | 0 |
| 43 | Pinus nigra Gosling, P. Forestry Cc | 2003 UK | 52.56667 | -1.03333 N | | 0 |
| 44 | Fraxinus ex Gosling, P. Forestry Cc | 2003 UK | 52.56667 | -1.03333 N | | 0 |
| 45 | Betula penç Gosling, P. Forestry Cc | 2003 UK | 52.56667 | -1.03333 N | | 0 |
| 46 | Acer opaluç Gleiser, G., El Boixar, e | 2001 Spain | 40.68333 | ##### N | | 90 |
| 47 | Acer opaluç Gleiser, G., El Boixar, e | 2001 Spain | 40.68333 | ##### N | | 0 |
| 48 | Pinus korai Song, Y., e Pine planta | 2013 China | 41.8517 | 124.9091 N | | 0 |
| 49 | Schizachyri Springer, T UO1 South | 2013 USA | 36.41667 | -99.4 N | | 0 |
| 50 | Pinus montFeurtado, J British Colu | 2003 Canada | 49.15 | -122.767 N | | 0 |
| 51 | Pinus montFeurtado, J British Colu | 2003 Canada | 49.15 | -122.767 N | | 98 |
| 52 | Hypericum Faron, M. L Delfim Mor | 2001 Brazil | -22.5 | -45.2833 N | | 0 |
| 53 | Hypericum Faron, M. L Delfim Mor | 2001 Brazil | -22.5 | -45.2833 N | | 0 |
| 54 | Hypericum Faron, M. L Delfim Mor | 2001 Brazil | -22.5 | -45.2833 N | | 0 |
| 55 | Hypericum Faron, M. L Delfim Mor | 2001 Brazil | -22.5 | -45.2833 N | | 0 |
| 56 | Hypericum Faron, M. L Delfim Mor | 2001 Brazil | -22.5 | -45.2833 N | | 0 |
| 57 | Hypericum Faron, M. L Delfim Mor | 2001 Brazil | -22.5 | -45.2833 N | | 0 |
| 58 | Hypericum Faron, M. L Delfim Mor | 2001 Brazil | -22.5 | -45.2833 N | | 0 |
| 59 | Hypericum Faron, M. L Delfim Mor | 2001 Brazil | -22.5 | -45.2833 N | | 0 |
| 60 | Hypericum Faron, M. L Delfim Mor | 2001 Brazil | -22.5 | -45.2833 N | | 0 |

[illegible]

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|----|--------------|---------------|---------------|------|---------|-------------------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Elymus elyi | Young, J. A | Medell Flat | 1972 | USA | 39.63333 -120.317 N 0 |
| 4 | Elymus elyi | Young, J. A | Medell Flat | 1972 | USA | 39.63333 -120.317 N 0 |
| 5 | Elymus elyi | Young, J. A | Medell Flat | 1972 | USA | 39.63333 -120.317 N 0 |
| 6 | Elymus elyi | Young, J. A | Medell Flat | 1972 | USA | 39.63333 -120.317 N 0 |
| 7 | Elymus elyi | Young, J. A | Medell Flat | 1972 | USA | 39.63333 -120.317 N 0 |
| 8 | Elymus elyi | Young, J. A | Medell Flat | 1972 | USA | 39.63333 -120.317 N 0 |
| 9 | Elymus elyi | Young, J. A | Medell Flat | 1972 | USA | 39.63333 -120.317 N 0 |
| 10 | Cornus san | Takos, I. A | Tyria, Pedir | 1999 | Greece | 39.51667 20.68333 Y 120 |
| 11 | Pinus sylve | Rosario Nu | Monta | 1994 | Spain | 42.38333 -3.05 N 0 |
| 12 | Pinus sylve | N | ez, M | 1995 | Spain | 42.01667 -2.01667 N 0 |
| 13 | Origanum | v | P | 1999 | Spain | 40.01667 -4.01667 N 0 |
| 14 | Origanum | v | P | 1999 | Spain | 40.01667 -3.01667 N 0 |
| 15 | Schizachyri | Springer, T | UO2 South | 2013 | USA | 36.41667 -99.4 N 0 |
| 16 | Origanum | v | P | 1999 | Spain | 38.01667 -6.01667 N 0 |
| 17 | Origanum | v | P | 1999 | Spain | 38.01667 -6.01667 N 0 |
| 18 | Origanum | v | P | 2000 | Spain | 41.01667 -1.01667 N 0 |
| 19 | Origanum | v | P | 2000 | Spain | 41.01667 -3.01667 N 0 |
| 20 | Origanum | v | P | 1999 | Spain | 43.01667 -2.01667 N 0 |
| 21 | Origanum | v | P | 2000 | Spain | 39.01667 ##### N 0 |
| 22 | Origanum | v | P | 2000 | Spain | 39.01667 ##### N 0 |
| 23 | Origanum | v | P | 2000 | Spain | 42.01667 ##### N 0 |
| 24 | Origanum | v | P | 2000 | Spain | 42.01667 ##### N 0 |
| 25 | Origanum | v | P | 2000 | Spain | 39.01667 ##### N 0 |
| 26 | Geum urba | Catana, R., | Romania | 2016 | Romania | 45.75 24.81667 N 0 |
| 27 | Geum urba | Catana, R., | Romania | 2015 | Romania | 45.75 24.81667 N 28 |
| 28 | Origanum | v | P | 2000 | Spain | 42.01667 -3.01667 N 0 |
| 29 | Holcus lan | e | Perez-Fern | 1998 | Spain | 39.16667 -7 N 0 |
| 30 | Quercus ro | | | 1998 | Spain | 39.16667 -7 N 0 |
| 31 | Dactylis glc | Perez-Fern | Quercus ro | 1998 | Spain | 39.16667 -7 N 0 |
| 32 | Bromus tec | Monaco, T. | Cache Co., | 2002 | USA | 41.76667 -111.783 N 0 |
| 33 | Elymus elyi | Monaco, T. | USDA-ARS | 2002 | USA | 41.73333 -111.8 N 0 |
| 34 | Galium apa | Mennan, H | Havza distr | 1995 | Turkey | 41.05 35.73333 N 0 |
| 35 | Pinus sylve | Hilli, A., et | inari, Finlar | 1992 | Finland | 68.88333 27.03333 N 0 |
| 36 | Pinus sylve | Hilli, A., et | rovaniemi, | 1992 | Finland | 66.5 25.76667 N 0 |
| 37 | Pinus sylve | Hilli, A., et | Lieksa, Finl | 1992 | Finland | 63.31667 30.01667 N 0 |
| 38 | Pinus sylve | Hilli, A., et | Parkkola, F | 1992 | Finland | 61.61667 26.73333 N 0 |
| 39 | Bromus tec | Hardegree, | Ada Co., Id | 1997 | USA | 43.53333 -116.217 N 0 |
| 40 | Bromus tec | Hardegree, | Ada Co., Id | 1997 | USA | 43.53333 -116.217 N 0 |
| 41 | Bromus tec | Hardegree, | Ada Co., Id | 1997 | USA | 43.53333 -116.217 N 0 |
| 42 | Bromus tec | Hardegree, | Ada Co., Id | 1997 | USA | 43.53333 -116.217 N 0 |
| 43 | Bromus tec | Hardegree, | Ada Co., Id | 1997 | USA | 43.53333 -116.217 N 0 |
| 44 | Bromus tec | Hardegree, | Ada Co., Id | 1997 | USA | 43.53333 -116.217 N 0 |
| 45 | Bromus tec | Hardegree, | Ada Co., Id | 1997 | USA | 43.53333 -116.217 N 0 |
| 46 | Bromus tec | Hardegree, | Ada Co., Id | 1997 | USA | 43.53333 -116.217 N 0 |
| 47 | Bromus tec | Hardegree, | Ada Co., Id | 1997 | USA | 43.53333 -116.217 N 0 |
| 48 | Bromus tec | Hardegree, | Ada Co., Id | 1997 | USA | 43.53333 -116.217 N 0 |
| 49 | Bromus tec | Hardegree, | Ada Co., Id | 1997 | USA | 43.53333 -116.217 N 0 |
| 50 | Bromus tec | Hardegree, | Ada Co., Id | 1997 | USA | 43.53333 -116.217 N 0 |
| 51 | Picea ruber | Butnor, J. | FMT10, Mou | 2016 | USA | 35.01667 -82.0167 N 0 |
| 52 | Bromus tec | Hardegree, | Kuna Butte | 1997 | USA | 43.43333 -116.433 N 0 |
| 53 | Bromus tec | Hardegree, | Kuna Butte | 1997 | USA | 43.43333 -116.433 N 0 |
| 54 | Bromus tec | Hardegree, | Kuna Butte | 1997 | USA | 43.43333 -116.433 N 0 |
| 55 | Bromus tec | Hardegree, | Kuna Butte | 1997 | USA | 43.43333 -116.433 N 0 |
| 56 | Bromus tec | Hardegree, | Kuna Butte | 1997 | USA | 43.43333 -116.433 N 0 |
| 57 | Bromus tec | Hardegree, | Kuna Butte | 1997 | USA | 43.43333 -116.433 N 0 |
| 58 | Bromus tec | Hardegree, | Kuna Butte | 1997 | USA | 43.43333 -116.433 N 0 |
| 59 | Bromus tec | Hardegree, | Kuna Butte | 1997 | USA | 43.43333 -116.433 N 0 |
| 60 | Bromus tec | Hardegree, | Kuna Butte | 1997 | USA | 43.43333 -116.433 N 0 |

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|----|-------------------------------------|------------|----------|------------|--|----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Bromus tectHardegree, Kuna Butte | 1997 USA | 43.43333 | -116.433 N | | 0 |
| 4 | Bromus tectHardegree, Kuna Butte | 1997 USA | 43.43333 | -116.433 N | | 0 |
| 5 | Quercus allConnor, K. Starkville, M | 2002 USA | 33.43333 | -88.8167 Y | | 0 |
| 6 | Rhus copalCain, M. D. School of F | 2002 USA | 33.61667 | -91.7667 Y | | 60 |
| 7 | Rubus argCain, M. D. School of F | 2002 USA | 33.61667 | -91.7667 Y | | 0 |
| 8 | Quercus falCain, M. D. School of F | 1996 USA | 33.61667 | -91.7667 N | | 0 |
| 9 | Dioscorea tZhong, X., Yakuraisan | 1998 Japan | 38.63333 | 141.1 N | | 0 |
| 10 | Dioscorea tZhong, X., Yakuraisan | 1998 Japan | 38.63333 | 141.1 N | | 0 |
| 11 | Dioscorea tZhong, X., Yakuraisan | 1998 Japan | 38.63333 | 141.1 N | | 0 |
| 12 | Dioscorea tZhong, X., Yakuraisan | 1998 Japan | 38.63333 | 141.1 N | | 0 |
| 13 | Dioscorea tZhong, X., Yakuraisan | 1998 Japan | 38.63333 | 141.1 N | | 0 |
| 14 | Dioscorea tZhong, X., Yakuraisan | 1998 Japan | 38.63333 | 141.1 N | | 0 |
| 15 | Dioscorea tZhong, X., Yakuraisan | 1998 Japan | 38.63333 | 141.1 N | | 0 |
| 16 | Dioscorea tZhong, X., Yakuraisan | 1998 Japan | 38.63333 | 141.1 N | | 0 |
| 17 | Dioscorea tZhong, X., Yakuraisan | 1998 Japan | 38.63333 | 141.1 N | | 0 |
| 18 | Dioscorea tZhong, X., Yakuraisan | 1998 Japan | 38.63333 | 141.1 N | | 0 |
| 19 | Dioscorea tZhong, X., Yakuraisan | 1998 Japan | 38.63333 | 141.1 N | | 0 |
| 20 | Dioscorea tZhong, X., Yakuraisan | 1998 Japan | 38.63333 | 141.1 N | | 0 |
| 21 | Osmorhiza Walck, J. L Matsuyama | 1998 Japan | 33.83333 | 132.7667 N | | 0 |
| 22 | Osmorhiza Walck, J. L Matsuyama | 1998 Japan | 33.83333 | 132.7667 N | | 0 |
| 23 | Osmorhiza Walck, J. L Matsuyama | 1998 Japan | 33.83333 | 132.7667 N | | 0 |
| 24 | Osmorhiza Walck, J. L Sendai (Mi) | 1999 Japan | 38.26667 | 140.8667 N | | 0 |
| 25 | Osmorhiza Walck, J. L Sendai (Mi) | 1999 Japan | 38.26667 | 140.8667 N | | 0 |
| 26 | Osmorhiza Walck, J. L Sendai (Mi) | 1999 Japan | 38.26667 | 140.8667 N | | 0 |
| 27 | Osmorhiza Walck, J. L Sendai (Mi) | 1999 Japan | 38.26667 | 140.8667 N | | 0 |
| 28 | Osmorhiza Walck, J. L Sendai (Mi) | 1999 Japan | 38.26667 | 140.8667 N | | 0 |
| 29 | Daboecia cValbuena, ISan Isidro, | 1994 Spain | 43.05 | -5.38333 Y | | 0 |
| 30 | Daboecia cValbuena, ISan Isidro, | 1994 Spain | 43.05 | -5.38333 N | | 0 |
| 31 | Daboecia cValbuena, ISan Isidro, | 1994 Spain | 43.05 | -5.38333 N | | 0 |
| 32 | Calluna vulThomas, T.Cornwall H | 2001 UK | 50.25 | -5.05 Y | | 0 |
| 33 | Calluna vulThomas, T.Cornwall H | 2001 UK | 50.25 | -5.05 Y | | 0 |
| 34 | Calluna vulThomas, T.Cornwall H | 2001 UK | 50.25 | -5.05 Y | | 0 |
| 35 | Calluna vulThomas, T.Cornwall H | 2001 UK | 50.25 | -5.05 Y | | 0 |
| 36 | Calluna vulThomas, T.Cornwall H | 2001 UK | 50.25 | -5.05 Y | | 0 |
| 37 | Calluna vulThomas, T.Cornwall H | 2001 UK | 50.25 | -5.05 Y | | 0 |
| 38 | Calluna vulThomas, T.Cornwall H | 2001 UK | 50.25 | -5.05 Y | | 0 |
| 39 | Calluna vulThomas, T.Cornwall H | 2001 UK | 50.25 | -5.05 Y | | 0 |
| 40 | Calluna vulThomas, T.Cornwall H | 2001 UK | 50.25 | -5.05 Y | | 0 |
| 41 | Calluna vulThomas, T.Cornwall H | 2001 UK | 50.25 | -5.05 Y | | 0 |
| 42 | Calluna vulThomas, T.Cornwall H | 2001 UK | 50.25 | -5.05 Y | | 0 |
| 43 | Calluna vulThomas, T.Cornwall H | 2001 UK | 50.25 | -5.05 Y | | 0 |
| 44 | Calluna vulThomas, T.Cornwall H | 2001 UK | 50.25 | -5.05 Y | | 0 |
| 45 | Calluna vulThomas, T.Cornwall H | 2001 UK | 50.25 | -5.05 Y | | 0 |
| 46 | Calluna vulThomas, T.John Cham | 2001 UK | 54.03333 | -1.38333 Y | | 0 |
| 47 | Calluna vulThomas, T.John Cham | 2001 UK | 54.03333 | -1.38333 Y | | 0 |
| 48 | Calluna vulThomas, T.John Cham | 2001 UK | 54.03333 | -1.38333 Y | | 0 |
| 49 | Calluna vulThomas, T.John Cham | 2001 UK | 54.03333 | -1.38333 Y | | 0 |
| 50 | Calluna vulThomas, T.John Cham | 2001 UK | 54.03333 | -1.38333 Y | | 0 |
| 51 | Calluna vulThomas, T.John Cham | 2001 UK | 54.03333 | -1.38333 Y | | 0 |
| 52 | Calluna vulThomas, T.John Cham | 2001 UK | 54.03333 | -1.38333 Y | | 0 |
| 53 | Calluna vulThomas, T.John Cham | 2001 UK | 54.03333 | -1.38333 Y | | 0 |
| 54 | Calluna vulThomas, T.John Cham | 2001 UK | 54.03333 | -1.38333 Y | | 0 |
| 55 | Calluna vulThomas, T.John Cham | 2001 UK | 54.03333 | -1.38333 Y | | 0 |
| 56 | Calluna vulThomas, T.John Cham | 2001 UK | 54.03333 | -1.38333 Y | | 0 |
| 57 | Calluna vulThomas, T.John Cham | 2001 UK | 54.03333 | -1.38333 Y | | 0 |
| 58 | Calluna vulThomas, T.John Cham | 2001 UK | 54.03333 | -1.38333 Y | | 0 |
| 59 | Calluna vulThomas, T.John Cham | 2001 UK | 54.03333 | -1.38333 Y | | 0 |
| 60 | Calluna vulThomas, T.John Cham | 2001 UK | 54.03333 | -1.38333 Y | | 0 |

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|----|-------------------|----------------------------------|------|----------|----------|----------|---|
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | Pinus nigra | Perez-Garcia, Soria, Spain | 1999 | Spain | 40.06667 | -2.13333 | Y |
| 4 | Pinus nigra | Escudero, Soria, Spain | 1995 | Spain | 40.05 | -2.13333 | N |
| 5 | Pinus sylvestris | Escudero, Soria, Spain | 1995 | Spain | 40.05 | -2.13333 | N |
| 6 | Pinus nigra | Perez-Garcia, Soria, Spain | 1999 | Spain | 40.06667 | -2.13333 | Y |
| 7 | Pinus nigra | Perez-Garcia, Soria, Spain | 1999 | Spain | 40.06667 | -2.13333 | Y |
| 8 | Pinus nigra | Perez-Garcia, Soria, Spain | 1999 | Spain | 40.06667 | -2.13333 | Y |
| 9 | Pinus nigra | Escudero, Soria, Spain | 1995 | Spain | 40.05 | -2.15 | N |
| 10 | Pinus nigra | Perez-Garcia, Soria, Spain | 1999 | Spain | 40.06667 | -2.13333 | Y |
| 11 | Pinus nigra | Perez-Garcia, Soria, Spain | 1999 | Spain | 40.06667 | -2.13333 | Y |
| 12 | Pinus nigra | Perez-Garcia, Soria, Spain | 1999 | Spain | 40.06667 | -2.13333 | Y |
| 13 | Pinus nigra | Perez-Garcia, Soria, Spain | 1999 | Spain | 40.06667 | -2.13333 | Y |
| 14 | Pinus nigra | Perez-Garcia, Soria, Spain | 1999 | Spain | 40.06667 | -2.13333 | Y |
| 15 | Pinus nigra | Perez-Garcia, Soria, Spain | 1999 | Spain | 40.06667 | -2.13333 | Y |
| 16 | Pinus nigra | Perez-Garcia, Soria, Spain | 1999 | Spain | 40.06667 | -2.13333 | Y |
| 17 | Picea rubra | Butnor, J. FMT103, Missouri | 2016 | USA | 35.01667 | -82.0167 | N |
| 18 | Pinus sylvestris | Perez-Garcia, Soria, Spain | 1999 | Spain | 41.75 | -2.46667 | Y |
| 19 | Pinus sylvestris | Perez-Garcia, Soria, Spain | 1999 | Spain | 41.75 | -2.46667 | Y |
| 20 | Pinus sylvestris | Perez-Garcia, Soria, Spain | 1999 | Spain | 41.75 | -2.46667 | Y |
| 21 | Pinus sylvestris | Perez-Garcia, Soria, Spain | 1999 | Spain | 41.75 | -2.46667 | Y |
| 22 | Pinus sylvestris | Perez-Garcia, Soria, Spain | 1999 | Spain | 41.75 | -2.46667 | Y |
| 23 | Pinus sylvestris | Perez-Garcia, Soria, Spain | 1999 | Spain | 41.75 | -2.46667 | Y |
| 24 | Pinus sylvestris | Perez-Garcia, Soria, Spain | 1999 | Spain | 41.75 | -2.46667 | Y |
| 25 | Pinus sylvestris | Perez-Garcia, Soria, Spain | 1999 | Spain | 41.75 | -2.46667 | Y |
| 26 | Pinus sylvestris | Escudero, Soria, Spain | 1995 | Spain | 41.76667 | -2.46667 | N |
| 27 | Pinus sylvestris | Perez-Garcia, Soria, Spain | 1999 | Spain | 41.75 | -2.46667 | Y |
| 28 | Pinus sylvestris | Perez-Garcia, Soria, Spain | 1999 | Spain | 41.75 | -2.46667 | Y |
| 29 | Celtis laevis | Nijjer, S., e Houston University | 1999 | USA | 29.31667 | -94.8 | N |
| 30 | Celtis laevis | Nijjer, S., e Houston University | 1999 | USA | 29.31667 | -94.8 | N |
| 31 | Celtis laevis | Nijjer, S., e Houston University | 1999 | USA | 29.31667 | -94.8 | N |
| 32 | Celtis laevis | Nijjer, S., e Houston University | 1999 | USA | 29.31667 | -94.8 | N |
| 33 | Celtis laevis | Nijjer, S., e Houston University | 1999 | USA | 29.31667 | -94.8 | N |
| 34 | Celtis laevis | Nijjer, S., e Houston University | 1999 | USA | 29.31667 | -94.8 | N |
| 35 | Celtis laevis | Nijjer, S., e Houston University | 1999 | USA | 29.31667 | -94.8 | N |
| 36 | Celtis laevis | Nijjer, S., e Houston University | 1999 | USA | 29.31667 | -94.8 | N |
| 37 | Celtis laevis | Nijjer, S., e Houston University | 1999 | USA | 29.31667 | -94.8 | N |
| 38 | Fagus sylvatica | Leighton, Loblolly Whiteknights | 1997 | UK | 51.43333 | ##### | N |
| 39 | Fagus crenata | Leighton, Loblolly Nouen | 1997 | Japan | 40.15 | 140.3333 | N |
| 40 | Juncus effusus | Ervin, G. N Talladega | 1999 | USA | 32.9 | -87.4333 | N |
| 41 | Larix decidua | David, A. (ZTrencin, Slovakia) | 1998 | Slovakia | 48.88333 | 18.03333 | N |
| 42 | Phalaris arvensis | Crowe, A. (Gardener Canada) | 2001 | Canada | 51.01667 | -114.033 | N |
| 43 | Pinus taeda | Crowe, A. (Carolina Biological) | 2001 | USA | 45.38333 | -122.583 | N |
| 44 | Cercis canadensis | Couvillon, (Athens, Georgia) | 2000 | USA | 33.93333 | -83.4167 | Y |
| 45 | Pseudotsuga | Corbineau, Forestry Centre | 2001 | UK | 51.16667 | -0.85 | N |
| 46 | Pseudotsuga | Corbineau, Forestry Centre | 2001 | UK | 51.16667 | -0.85 | N |
| 47 | Pseudotsuga | Corbineau, Forestry Centre | 2001 | UK | 51.16667 | -0.85 | N |
| 48 | Pseudotsuga | Corbineau, Forestry Centre | 2001 | UK | 51.16667 | -0.85 | N |
| 49 | Pseudotsuga | Corbineau, Forestry Centre | 2001 | UK | 51.16667 | -0.85 | N |
| 50 | Pseudotsuga | Corbineau, Forestry Centre | 2001 | UK | 51.16667 | -0.85 | N |
| 51 | Pseudotsuga | Corbineau, Forestry Centre | 2001 | UK | 51.16667 | -0.85 | N |
| 52 | Pseudotsuga | Corbineau, Forestry Centre | 2001 | UK | 51.16667 | -0.85 | N |
| 53 | Pseudotsuga | Corbineau, Forestry Centre | 2001 | UK | 51.16667 | -0.85 | N |
| 54 | Pseudotsuga | Corbineau, Forestry Centre | 2001 | UK | 51.16667 | -0.85 | N |
| 55 | Pseudotsuga | Corbineau, Forestry Centre | 2001 | UK | 51.16667 | -0.85 | N |
| 56 | Pseudotsuga | Corbineau, Forestry Centre | 2001 | UK | 51.16667 | -0.85 | N |
| 57 | Pseudotsuga | Corbineau, Forestry Centre | 2001 | UK | 51.16667 | -0.85 | N |
| 58 | Pseudotsuga | Corbineau, Forestry Centre | 2001 | UK | 51.16667 | -0.85 | N |
| 59 | Pseudotsuga | Corbineau, Forestry Centre | 2001 | UK | 51.16667 | -0.85 | N |
| 60 | Pseudotsuga | Corbineau, Forestry Centre | 2001 | UK | 51.16667 | -0.85 | N |

| | | | | |
|--|----------------|----------|------------|-----|
| Pseudotsuga Corbinau, Forestry Co | 2001 UK | 51.16667 | -0.85 N | 140 |
| Picea ruber Butnor, J. F Perth-Ando | 2016 Canada | 46.01667 | -67.0167 N | 0 |
| Pinus taeda Wu, L., et al NC59, Wey | 2000 USA | 35.76667 | -76.7833 N | 0 |
| Pinus taeda Wu, L., et al NC59, Wey | 2000 USA | 35.76667 | -76.7833 N | 60 |
| Pinus taeda Wu, L., et al NC103, We | 2000 USA | 35.65 | -76.6667 N | 0 |
| Pinus taeda Wu, L., et al NC103, We | 2000 USA | 35.65 | -76.6667 N | 60 |
| Pinus taeda Wu, L., et al OK100, Ok | 2000 USA | 35.15 | -97.45 N | 0 |
| Pinus taeda Wu, L., et al OK100, Ok | 2000 USA | 35.15 | -97.45 N | 60 |
| Pinus taeda Wu, L., et al OK125, Ok | 2000 USA | 35.13333 | -97.4333 N | 60 |
| Pinus taeda Wu, L., et al OK125, Ok | 2000 USA | 35.13333 | -97.4333 N | 0 |
| Phalaris arundinacea Lindig-Cisneros University of | 1999 USA | 43.03333 | -89.4167 N | 0 |
| Symphoricarpos Hidayati, S. Camp Nels | 1996 USA | 37.78333 | -84.5833 N | 0 |
| Symphoricarpos Hidayati, S. Camp Nels | 1996 USA | 37.78333 | -84.5833 N | 392 |
| Symphoricarpos Hidayati, S. Camp Nels | 1996 USA | 37.78333 | -84.5833 N | 224 |
| Symphoricarpos Hidayati, S. Camp Nels | 1996 USA | 37.78333 | -84.5833 N | 0 |
| Acer saccharum Connor, K. Starkville, M | 2000 USA | 33.43333 | -88.8167 N | 0 |
| Picea mariana Wang, B. (Chapleau L | 1982 Canada | 47.86667 | -83.1667 N | 0 |
| Cupressus Ren, C. and Tree Seed | 1999 Canada | 49.05 | -122.7 N | 90 |
| Purshia tridentata Meyer, S. (Common g | 1995 USA | 37.61667 | -112.167 N | 14 |
| Picea ruber Butnor, J. F Coy Brook, | 2016 Canada | 46.01667 | -65.0167 N | 0 |
| Salix alba Maroder, H Delta area, | 1997 Argentina | -34.2167 | -58.3 N | 0 |
| Lotus corniculatus Marchiol, L Dipartiment | 1999 Italy | 46.06667 | 13.23333 N | 0 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 126 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 126 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 0 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 0 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 126 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 0 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 0 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 0 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 0 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 126 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 126 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 0 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 126 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 126 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 126 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 126 |
| Sambucus Hidayati, S. Morehead, | 1998 USA | 38.18333 | -83.4667 N | 0 |
| Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | 0 |
| Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | 126 |
| Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | 126 |
| Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | 126 |
| Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | 126 |
| Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | 0 |
| Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | 126 |
| Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | 0 |
| Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | 0 |
| Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | 0 |
| Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | 126 |
| Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | 0 |
| Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | 126 |
| Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | 0 |

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|----|------------------------------------|--------------|----------|------------|--|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | | 126 |
| 4 | Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | | 0 |
| 5 | Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | | 126 |
| 6 | Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | | 0 |
| 7 | Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | | 0 |
| 8 | Sambucus Hidayati, S. Kalmar, Srr | 1997 Sweden | 56.66667 | 16.31667 N | | 126 |
| 9 | Stellaria mGrundy, A. Horticulture | 1999 UK | 52.2 | -1.6 N | | 0 |
| 10 | Stellaria mGrundy, A. Horticulture | 1999 UK | 52.2 | -1.6 N | | 0 |
| 11 | Stellaria mGrundy, A. Horticulture | 1999 UK | 52.2 | -1.6 N | | 0 |
| 12 | Stellaria mGrundy, A. Horticulture | 1999 UK | 52.2 | -1.6 N | | 0 |
| 13 | Stellaria mGrundy, A. Horticulture | 1999 UK | 52.2 | -1.6 N | | 0 |
| 14 | Stellaria mGrundy, A. Horticulture | 1999 UK | 52.2 | -1.6 N | | 0 |
| 15 | Stellaria mGrundy, A. Horticulture | 1999 UK | 52.2 | -1.6 N | | 0 |
| 16 | Stellaria mGrundy, A. Horticulture | 1999 UK | 52.2 | -1.6 N | | 0 |
| 17 | PolygonumAraki, S. arLake Kasur | 1995 Japan | 36.06667 | 140.2833 N | | 0 |
| 18 | PolygonumAraki, S. arLake Kasur | 1995 Japan | 36.06667 | 140.2833 N | | 0 |
| 19 | PolygonumAraki, S. arLake Kasur | 1995 Japan | 36.06667 | 140.2833 N | | 42 |
| 20 | PolygonumAraki, S. arLake Kasur | 1995 Japan | 36.06667 | 140.2833 N | | 42 |
| 21 | PolygonumAraki, S. arLake Kasur | 1995 Japan | 36.06667 | 140.2833 N | | 42 |
| 22 | PolygonumAraki, S. arLake Kasur | 1995 Japan | 36.06667 | 140.2833 N | | 0 |
| 23 | PolygonumAraki, S. arLake Kasur | 1995 Japan | 36.06667 | 140.2833 N | | 42 |
| 24 | PolygonumAraki, S. arLake Kasur | 1995 Japan | 36.06667 | 140.2833 N | | 0 |
| 25 | PolygonumAraki, S. arLake Kasur | 1995 Japan | 36.06667 | 140.2833 N | | 0 |
| 26 | Betula penAhola, V. a Seed orcha | 1993 Finland | 62.75 | 25.63333 N | | 22 |
| 27 | Betula penAhola, V. a Seed orcha | 1993 Finland | 62.75 | 25.63333 N | | 22 |
| 28 | Betula penAhola, V. a Seed orcha | 1993 Finland | 62.75 | 25.63333 N | | 0 |
| 29 | Betula penAhola, V. a Seed orcha | 1993 Finland | 62.75 | 25.63333 N | | 0 |
| 30 | Betula penAhola, V. a Seed orcha | 1993 Finland | 62.75 | 25.63333 N | | 0 |
| 31 | Betula penAhola, V. a Seed orcha | 1993 Finland | 62.75 | 25.63333 N | | 22 |
| 32 | Betula penAhola, V. a Seed orcha | 1993 Finland | 62.75 | 25.63333 N | | 22 |
| 33 | Picea abiesAhola, V. a Seed orcha | 1993 Finland | 60.85 | 27.48333 N | | 0 |
| 34 | Picea abiesAhola, V. a Seed orcha | 1993 Finland | 60.85 | 27.48333 N | | 22 |
| 35 | Picea abiesAhola, V. a Seed orcha | 1993 Finland | 60.85 | 27.48333 N | | 22 |
| 36 | Picea abiesAhola, V. a Seed orcha | 1993 Finland | 60.85 | 27.48333 N | | 0 |
| 37 | Picea abiesAhola, V. a Seed orcha | 1993 Finland | 60.85 | 27.48333 N | | 0 |
| 38 | Picea abiesAhola, V. a Seed orcha | 1993 Finland | 60.85 | 27.48333 N | | 22 |
| 39 | Picea abiesAhola, V. a Seed orcha | 1993 Finland | 60.85 | 27.48333 N | | 22 |
| 40 | Picea abiesAhola, V. a Seed orcha | 1993 Finland | 60.85 | 27.48333 N | | 0 |
| 41 | Pinus sylveAhola, V. a Seed orcha | 1993 Finland | 61.56667 | 26.3 N | | 0 |
| 42 | Pinus sylveAhola, V. a Seed orcha | 1993 Finland | 61.56667 | 26.3 N | | 22 |
| 43 | Pinus sylveAhola, V. a Seed orcha | 1993 Finland | 61.56667 | 26.3 N | | 0 |
| 44 | Pinus sylveAhola, V. a Seed orcha | 1993 Finland | 61.56667 | 26.3 N | | 0 |
| 45 | Pinus sylveAhola, V. a Seed orcha | 1993 Finland | 61.56667 | 26.3 N | | 0 |
| 46 | Pinus sylveAhola, V. a Seed orcha | 1993 Finland | 61.56667 | 26.3 N | | 22 |
| 47 | Pinus sylveAhola, V. a Seed orcha | 1993 Finland | 61.56667 | 26.3 N | | 22 |
| 48 | Pinus sylveAhola, V. a Seed orcha | 1993 Finland | 61.56667 | 26.3 N | | 22 |
| 49 | Sorbus conYagihashi, 1992 collec | 1992 Japan | 43.68333 | 141.65 Y | | 180 |
| 50 | Sorbus conYagihashi, 1992 collec | 1992 Japan | 43.68333 | 141.65 N | | 390 |
| 51 | Sorbus conYagihashi, 1992 collec | 1992 Japan | 43.68333 | 141.65 N | | 180 |
| 52 | Sorbus conYagihashi, 1992 collec | 1992 Japan | 43.68333 | 141.65 Y | | 390 |
| 53 | Sorbus conYagihashi, 1993 collec | 1993 Japan | 43.68333 | 141.65 Y | | 180 |
| 54 | Sorbus conYagihashi, 1993 collec | 1993 Japan | 43.68333 | 141.65 N | | 390 |
| 55 | Sorbus conYagihashi, 1993 collec | 1993 Japan | 43.68333 | 141.65 N | | 180 |
| 56 | Quercus pyValbuena, ISalamanca | 1993 Spain | 40.98333 | -5.7 Y | | 0 |
| 57 | Quercus pyValbuena, ISalamanca | 1993 Spain | 40.98333 | -5.7 N | | 0 |

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|----|-------------|---------------------------|--------------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Primula ver | McKee, J. (Whittle Der | 1996 UK | 55 | -1.9 N | 21 |
| 4 | Primula vul | McKee, J. (Whittle Der | 1996 UK | 55 | -1.9 N | 21 |
| 5 | Picea abies | Leinonen, I Tree A, For | 1992 Finland | 61.85 | 24.33333 N | 0 |
| 6 | Picea abies | Leinonen, I Tree A, For | 1992 Finland | 61.85 | 24.33333 N | 0 |
| 7 | Picea abies | Leinonen, I Tree A, For | 1992 Finland | 61.85 | 24.33333 N | 0 |
| 8 | Picea abies | Leinonen, I Tree A, For | 1992 Finland | 61.85 | 24.33333 N | 21 |
| 9 | Picea abies | Leinonen, I Tree A, For | 1992 Finland | 61.85 | 24.33333 N | 0 |
| 10 | Picea abies | Leinonen, I Tree A, For | 1992 Finland | 61.85 | 24.33333 N | 21 |
| 11 | Picea abies | Leinonen, I Tree A, For | 1992 Finland | 61.85 | 24.33333 N | 21 |
| 12 | Picea abies | Leinonen, I Tree A, For | 1992 Finland | 61.85 | 24.33333 N | 21 |
| 13 | Picea abies | Leinonen, I Tree B, For | 1992 Finland | 61.85 | 24.33333 N | 0 |
| 14 | Picea abies | Leinonen, I Tree B, For | 1992 Finland | 61.85 | 24.33333 N | 21 |
| 15 | Picea abies | Leinonen, I Tree B, For | 1992 Finland | 61.85 | 24.33333 N | 0 |
| 16 | Picea abies | Leinonen, I Tree B, For | 1992 Finland | 61.85 | 24.33333 N | 0 |
| 17 | Picea abies | Leinonen, I Tree B, For | 1992 Finland | 61.85 | 24.33333 N | 21 |
| 18 | Picea abies | Leinonen, I Tree B, For | 1992 Finland | 61.85 | 24.33333 N | 21 |
| 19 | Picea abies | Leinonen, I Tree B, For | 1992 Finland | 61.85 | 24.33333 N | 21 |
| 20 | Picea abies | Leinonen, I Tree B, For | 1992 Finland | 61.85 | 24.33333 N | 0 |
| 21 | Picea abies | Leinonen, I Tree B, For | 1992 Finland | 61.85 | 24.33333 N | 0 |
| 22 | Epilobium | ε Husband, E Beartooth F | 1997 USA | 44.93333 | -109.6 N | 0 |
| 23 | Dorycnium | Herranz, J. Moropeche | 1994 Spain | 38.38333 | -2.36667 Y | 0 |
| 24 | Dorycnium | Herranz, J. Moropeche | 1994 Spain | 38.38333 | -2.36667 N | 0 |
| 25 | Quercus ru | Guo, Y., et Conway Cc | 1994 USA | 35.31667 | -92.7167 N | 30 |
| 26 | Quercus ve | Guo, Y., et Fayette Co | 1994 USA | 35.16667 | -89.3833 N | 30 |
| 27 | Quercus ni | Guo, Y., et Fayette Co | 1994 USA | 35.16667 | -89.3833 N | 30 |
| 28 | Stellaria m | Grundy, A. Wellsbourn | 1996 UK | 52.18333 | -1.6 N | 0 |
| 29 | Prunus avi | Finch-Sava Wellsbourn | 1994 UK | 52.18333 | -1.58333 N | 0 |
| 30 | Acer platan | Finch-Sava Wellsbourn | 1994 UK | 52.18333 | -1.58333 N | 84 |
| 31 | Stellaria m | Grundy, A. Wellsbourn | 1996 UK | 52.18333 | -1.6 N | 0 |
| 32 | Acer pseud | Finch-Sava Wellsbourn | 1994 UK | 52.18333 | -1.58333 N | 0 |
| 33 | Stellaria m | Grundy, A. Wellsbourn | 1996 UK | 52.18333 | -1.6 N | 0 |
| 34 | Prunus avi | Finch-Sava Wellsbourn | 1994 UK | 52.18333 | -1.58333 N | 119 |
| 35 | Stellaria m | Grundy, A. Wellsbourn | 1996 UK | 52.18333 | -1.6 N | 0 |
| 36 | Stellaria m | Grundy, A. Wellsbourn | 1996 UK | 52.18333 | -1.6 N | 0 |
| 37 | Acer platan | Finch-Sava Wellsbourn | 1994 UK | 52.18333 | -1.58333 N | 0 |
| 38 | Acer pseud | Finch-Sava Wellsbourn | 1994 UK | 52.18333 | -1.58333 N | 84 |
| 39 | Camellia si | Song, D., e Hangzhou, | 2015 China | 30.01667 | 120.0167 N | 0 |
| 40 | Camellia si | Song, D., e Hangzhou, | 2015 China | 30.01667 | 120.0167 N | 0 |
| 41 | Camellia si | Song, D., e Hangzhou, | 2015 China | 30.01667 | 120.0167 N | 90 |
| 42 | Camellia si | Song, D., e Hangzhou, | 2015 China | 30.01667 | 120.0167 N | 0 |
| 43 | Camellia si | Song, D., e Hangzhou, | 2015 China | 30.01667 | 120.0167 N | 0 |
| 44 | Camellia si | Song, D., e Hangzhou, | 2015 China | 30.01667 | 120.0167 N | 0 |
| 45 | Pinus taed | ε Cain, M. D. Southeaste | 1993 USA | 33.61667 | -91.7667 N | 0 |
| 46 | Calluna vul | Vera, M. L. Ptu San Isi | 1994 Spain | 43.06667 | -5.38333 N | 0 |
| 47 | Erica vagar | Vera, M. L. Ptu San Isi | 1994 Spain | 43.06667 | -5.38333 N | 0 |
| 48 | Erica ciner | ε Vera, M. L. Ptu San Isi | 1994 Spain | 43.06667 | -5.38333 N | 0 |
| 49 | Galium apa | Thompson, Unknown o | 1996 UK | 52.25 | ##### N | 0 |
| 50 | Rubus paln | Suzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | 0 |
| 51 | Rubus paln | Suzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | 270 |
| 52 | Rubus parv | Suzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | 0 |
| 53 | Rubus paln | Suzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | 270 |
| 54 | Rubus parv | Suzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | 0 |
| 55 | Rubus parv | Suzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | 240 |
| 56 | Rubus parv | Suzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | 240 |
| 57 | Rubus parv | Suzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | 240 |
| 58 | Rubus paln | Suzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | 0 |
| 59 | Rubus paln | Suzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | 0 |
| 60 | Rubus paln | Suzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | 0 |

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|----|----------------------------------|----------------|----------|------------|--|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Rubus parvSuzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | | 240 |
| 4 | Rubus parvSuzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | | 0 |
| 5 | Rubus parvSuzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | | 0 |
| 6 | Rubus palnSuzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | | 270 |
| 7 | Rubus palnSuzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | | 0 |
| 8 | Rubus palnSuzuki, W. Tohoku Re | 1992 Japan | 39.75 | 141.25 N | | 270 |
| 9 | TaraxacumNoronha, ASouthern S | 1994 Sweden | 56.08333 | 14 N | | 0 |
| 10 | Stellaria mNoronha, ASouthern S | 1994 Sweden | 56.08333 | 14 N | | 0 |
| 11 | Stellaria mNoronha, ASouthern S | 1994 Sweden | 56.08333 | 14 N | | 0 |
| 12 | TaraxacumNoronha, ASouthern S | 1994 Sweden | 56.08333 | 14 N | | 0 |
| 13 | Clematis viBungard, RChristchurc | 1996 New Zeala | -43.4833 | 172.65 N | | 0 |
| 14 | Clematis viBungard, RChristchurc | 1996 New Zeala | -43.4833 | 172.65 N | | 84 |
| 15 | Clematis viBungard, RChristchurc | 1996 New Zeala | -43.4833 | 172.65 N | | 0 |
| 16 | Clematis viBungard, RChristchurc | 1996 New Zeala | -43.4833 | 172.65 N | | 84 |
| 17 | PhragmitesWijte, A. H.Canary Cre | 1991 USA | 38.78333 | -75.1667 N | | 0 |
| 18 | Betula penVanhatalo, Haapastens | 1993 Finland | 60.6 | 24.41667 N | | 0 |
| 19 | Betula penVanhatalo, Haapastens | 1993 Finland | 60.6 | 24.41667 N | | 42 |
| 20 | Betula penVanhatalo, Haapastens | 1993 Finland | 60.6 | 24.41667 N | | 22 |
| 21 | Betula penVanhatalo, Haapastens | 1993 Finland | 60.6 | 24.41667 N | | 0 |
| 22 | Betula penVanhatalo, Haapastens | 1993 Finland | 60.6 | 24.41667 N | | 22 |
| 23 | Betula penVanhatalo, Haapastens | 1993 Finland | 60.6 | 24.41667 N | | 0 |
| 24 | Betula penVanhatalo, Haapastens | 1993 Finland | 60.6 | 24.41667 N | | 0 |
| 25 | Betula penVanhatalo, Haapastens | 1993 Finland | 60.6 | 24.41667 N | | 0 |
| 26 | Betula penVanhatalo, Haapastens | 1993 Finland | 60.6 | 24.41667 N | | 0 |
| 27 | Betula penVanhatalo, Haapastens | 1993 Finland | 60.6 | 24.41667 N | | 22 |
| 28 | Betula penVanhatalo, Haapastens | 1993 Finland | 60.6 | 24.41667 N | | 22 |
| 29 | Betula penVanhatalo, Haapastens | 1993 Finland | 60.6 | 24.41667 N | | 22 |
| 30 | Betula penVanhatalo, Haapastens | 1993 Finland | 60.6 | 24.41667 N | | 0 |
| 31 | Dioscorea tOkagami, NTohoku Uni | 1994 Japan | 38.25 | 140.8667 N | | 0 |
| 32 | Dioscorea tOkagami, NTohoku Uni | 1994 Japan | 38.25 | 140.8667 N | | 0 |
| 33 | Dioscorea tOkagami, NTohoku Uni | 1994 Japan | 38.25 | 140.8667 N | | 0 |
| 34 | Quercus niBonner, F. Oktibbeha | 1992 USA | 33.41667 | -88.95 Y | | 0 |
| 35 | Pinus albicSniezko, R.USFS Regi | 2009 USA | 45.45 | -116.8 Y | | 90 |
| 36 | Arum macuPritchard, FWakehurst | 1988 UK | 51.06667 | ##### N | | 0 |
| 37 | Arum macuPritchard, FWakehurst | 1988 UK | 51.06667 | ##### N | | 0 |
| 38 | Arum macuPritchard, FWakehurst | 1988 UK | 51.06667 | ##### N | | 0 |
| 39 | Arum macuPritchard, FWakehurst | 1988 UK | 51.06667 | ##### N | | 0 |
| 40 | Arum macuPritchard, FWakehurst | 1988 UK | 51.06667 | ##### N | | 0 |
| 41 | Arum macuPritchard, FWakehurst | 1988 UK | 51.06667 | ##### N | | 0 |
| 42 | Arum macuPritchard, FWakehurst | 1988 UK | 51.06667 | ##### N | | 0 |
| 43 | Arum macuPritchard, FWakehurst | 1988 UK | 51.06667 | ##### N | | 0 |
| 44 | Arum macuPritchard, FWakehurst | 1988 UK | 51.06667 | ##### N | | 0 |
| 45 | Arum macuPritchard, FWakehurst | 1988 UK | 51.06667 | ##### N | | 0 |
| 46 | Milium effuThompson, Wakehurst | 1975 UK | 51.05 | ##### N | | 0 |
| 47 | Quercus roPritchard, FWakehurst | 1987 UK | 51.06667 | ##### N | | 0 |
| 48 | Quercus roPritchard, FWakehurst | 1987 UK | 51.06667 | ##### N | | 0 |
| 49 | Arum macuPritchard, FWakehurst | 1988 UK | 51.06667 | ##### N | | 0 |
| 50 | Quercus roPritchard, FWakehurst | 1987 UK | 51.06667 | ##### N | | 0 |
| 51 | Arum macuPritchard, FWakehurst | 1988 UK | 51.06667 | ##### N | | 0 |
| 52 | Milium effuThompson, Wakehurst | 1975 UK | 51.05 | ##### N | | 0 |
| 53 | Milium effuThompson, Wakehurst | 1975 UK | 51.05 | ##### N | | 0 |
| 54 | Arum macuPritchard, FWakehurst | 1988 UK | 51.06667 | ##### N | | 0 |
| 55 | Arum macuPritchard, FWakehurst | 1988 UK | 51.06667 | ##### N | | 0 |
| 56 | Arum macuPritchard, FWakehurst | 1988 UK | 51.06667 | ##### N | | 0 |
| 57 | Arum macuPritchard, FWakehurst | 1988 UK | 51.06667 | ##### N | | 0 |
| 58 | Milium effuThompson, Wakehurst | 1975 UK | 51.05 | ##### N | | 0 |
| 59 | Milium effuThompson, Wakehurst | 1975 UK | 51.05 | ##### N | | 0 |
| 60 | Milium effuThompson, Wakehurst | 1975 UK | 51.05 | ##### N | | 0 |

| | | | | | | | |
|----|--------------------------------------|-------------|----------|------------|--|--|-----|
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | Milium effu:Thompson, Wakehurst | 1975 UK | 51.05 | ##### N | | | 0 |
| 4 | Arum macuPritchard, F Wakehurst | 1988 UK | 51.06667 | ##### N | | | 0 |
| 5 | Arum macuPritchard, F Wakehurst | 1988 UK | 51.06667 | ##### N | | | 0 |
| 6 | Arum macuPritchard, F Wakehurst | 1988 UK | 51.06667 | ##### N | | | 0 |
| 7 | Arum macuPritchard, F Wakehurst | 1988 UK | 51.06667 | ##### N | | | 0 |
| 8 | Arum macuPritchard, F Wakehurst | 1988 UK | 51.06667 | ##### N | | | 0 |
| 9 | Quercus ro Pritchard, F Wakehurst | 1987 UK | 51.06667 | ##### N | | | 0 |
| 10 | Arum macuPritchard, F Wakehurst | 1988 UK | 51.06667 | ##### N | | | 0 |
| 11 | Arum macuPritchard, F Wakehurst | 1988 UK | 51.06667 | ##### N | | | 0 |
| 12 | Quercus ro Pritchard, F Wakehurst | 1987 UK | 51.06667 | ##### N | | | 0 |
| 13 | Arum macuPritchard, F Wakehurst | 1988 UK | 51.06667 | ##### N | | | 0 |
| 14 | Arum macuPritchard, F Wakehurst | 1988 UK | 51.06667 | ##### N | | | 0 |
| 15 | Milium effu:Thompson, Wakehurst | 1975 UK | 51.05 | ##### N | | | 0 |
| 16 | Quercus ro Pritchard, F Wakehurst | 1987 UK | 51.06667 | ##### N | | | 0 |
| 17 | Arum macuPritchard, F Wakehurst | 1988 UK | 51.06667 | ##### N | | | 0 |
| 18 | Milium effu:Thompson, Wakehurst | 1975 UK | 51.05 | ##### N | | | 0 |
| 19 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 84 |
| 20 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 14 |
| 21 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 84 |
| 22 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 14 |
| 23 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 84 |
| 24 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 84 |
| 25 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 14 |
| 26 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 84 |
| 27 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 14 |
| 28 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 14 |
| 29 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 14 |
| 30 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 14 |
| 31 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 84 |
| 32 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 14 |
| 33 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 84 |
| 34 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 14 |
| 35 | Heracleum Jauzein, P. Montigny-le | 1986 France | 48.76667 | 2 N | | | 84 |
| 36 | Arbutus un(Mesl◆ard, V◆naco ar | 1990 France | 42.5 | 9.2 N | | | 0 |
| 37 | Arbutus un(Mesl◆ard, V◆naco ar | 1990 France | 42.5 | 9.2 N | | | 0 |
| 38 | Acer velutirPinfield, N. Westonbirt, | 1987 UK | 51.6 | -2.2 N | | | 0 |
| 39 | Acer velutirPinfield, N. Westonbirt, | 1987 UK | 51.6 | -2.2 N | | | 120 |
| 40 | Acer pseudHong, T. D.Whiteknigh | 1988 UK | 51.45 | -0.95 N | | | 0 |
| 41 | Acer pseudHong, T. D.Whiteknigh | 1988 UK | 51.45 | -0.95 N | | | 0 |
| 42 | Acer platanHong, T. D.Whiteknigh | 1988 UK | 51.45 | -0.95 N | | | 0 |
| 43 | Poa trivialisThompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 44 | Agrostis ca Thompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 45 | Milium effu:Thompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 46 | Holcus lan Thompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 47 | TaraxacumThompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 48 | Milium effu:Thompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 49 | BrachypodiThompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 50 | Agrostis ca Thompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 51 | Holcus lan Thompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 52 | Agrostis ca Thompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 53 | Festuca oviThompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 54 | Milium effu:Thompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 55 | Achillea milThompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 56 | Holcus lan Thompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 57 | TaraxacumThompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 58 | Poa trivialisThompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 59 | TaraxacumThompson, Plymouth, l | 1988 UK | 50.36667 | -4.13333 N | | | 0 |
| 60 | | | | | | | |

| | | | | | | |
|----|----------------------------------|------------------------------|------|--------|----------------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | <i>Festuca ovina</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 4 | <i>Silene dioica</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 5 | <i>Agrostis caespitosa</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 6 | <i>Poa trivialis</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 7 | <i>Achillea millefolium</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 8 | <i>Brachypodium pinnatifidum</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 9 | <i>Brachypodium pinnatifidum</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 10 | <i>Milium effusum</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 11 | <i>Achillea millefolium</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 12 | <i>Taraxacum officinale</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 13 | <i>Silene dioica</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 14 | <i>Festuca ovina</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 15 | <i>Brachypodium pinnatifidum</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 16 | <i>Silene dioica</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 17 | <i>Festuca ovina</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 18 | <i>Silene dioica</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 19 | <i>Achillea millefolium</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 20 | <i>Poa trivialis</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 21 | <i>Holcus lanatus</i> | Thompson, Plymouth, UK | 1988 | UK | 50.36667 -4.13333 N | 0 |
| 22 | <i>Pinus taeda</i> | Hallgren, S Texas forest | 1985 | USA | 31.36667 -94.78333 N | 0 |
| 23 | <i>Pinus taeda</i> | Hallgren, S Texas forest | 1985 | USA | 31.36667 -94.78333 N | 0 |
| 24 | <i>Pinus taeda</i> | Hallgren, S Texas forest | 1985 | USA | 31.36667 -94.78333 N | 53 |
| 25 | <i>Pinus taeda</i> | Hallgren, S Texas forest | 1985 | USA | 31.36667 -94.78333 N | 53 |
| 26 | <i>Pinus echinata</i> | Hallgren, S Oklahoma forest | 1985 | USA | 35.13333 -97.23333 N | 53 |
| 27 | <i>Pinus echinata</i> | Hallgren, S Oklahoma forest | 1985 | USA | 35.13333 -97.23333 N | 53 |
| 28 | <i>Amelanchier canadensis</i> | Acharya, S Population | 1984 | Canada | 53.33333 -117.417 N | 84 |
| 29 | <i>Dactylis glomerata</i> | Probert, R. Nantes, France | 1985 | France | 47.21667 -1.55 N | 0 |
| 30 | <i>Dactylis glomerata</i> | Probert, R. Nantes, France | 1985 | France | 47.21667 -1.55 N | 0 |
| 31 | <i>Dactylis glomerata</i> | Probert, R. Nantes, France | 1985 | France | 47.21667 -1.55 N | 0 |
| 32 | <i>Dactylis glomerata</i> | Probert, R. Nantes, France | 1985 | France | 47.21667 -1.55 N | 0 |
| 33 | <i>Dactylis glomerata</i> | Probert, R. Nantes, France | 1985 | France | 47.21667 -1.55 N | 0 |
| 34 | <i>Dactylis glomerata</i> | Probert, R. Nantes, France | 1985 | France | 47.21667 -1.55 N | 0 |
| 35 | <i>Dactylis glomerata</i> | Probert, R. Nantes, France | 1985 | France | 47.21667 -1.55 N | 0 |
| 36 | <i>Dactylis glomerata</i> | Probert, R. Nantes, France | 1985 | France | 47.21667 -1.55 N | 0 |
| 37 | <i>Dactylis glomerata</i> | Probert, R. Nantes, France | 1984 | France | 47.21667 -1.55 N | 0 |
| 38 | <i>Dactylis glomerata</i> | Probert, R. Nantes, France | 1985 | France | 47.21667 -1.55 N | 0 |
| 39 | <i>Dactylis glomerata</i> | Probert, R. Nantes, France | 1984 | France | 47.21667 -1.55 N | 0 |
| 40 | <i>Dactylis glomerata</i> | Probert, R. Nantes, France | 1984 | France | 47.21667 -1.55 N | 0 |
| 41 | <i>Pinus koraiensis</i> | Song, Y., e Secondary forest | 2013 | China | 41.8517 124.9091 N | 150 |
| 42 | <i>Pinus koraiensis</i> | Song, Y., e Secondary forest | 2013 | China | 41.8517 124.9091 N | 0 |
| 43 | <i>Pinus koraiensis</i> | Song, Y., e Secondary forest | 2013 | China | 41.8517 124.9091 N | 150 |
| 44 | <i>Solidago virgaurea</i> | Sakurai, A. 1600 m asl | 2014 | Japan | 36.1 137.55 N | 0 |
| 45 | <i>Poa trivialis</i> | Froud-Willis; Weed Rese | 1982 | UK | 51.75 -1.25 N | 0 |
| 46 | <i>Poa trivialis</i> | Froud-Willis; Weed Rese | 1983 | UK | 51.75 -1.25 N | 0 |
| 47 | <i>Poa trivialis</i> | Froud-Willis; Weed Rese | 1983 | UK | 51.75 -1.25 N | 0 |
| 48 | <i>Poa trivialis</i> | Froud-Willis; Weed Rese | 1983 | UK | 51.75 -1.25 N | 0 |
| 49 | <i>Poa trivialis</i> | Froud-Willis; Weed Rese | 1982 | UK | 51.75 -1.25 N | 0 |
| 50 | <i>Poa trivialis</i> | Froud-Willis; Weed Rese | 1982 | UK | 51.75 -1.25 N | 0 |
| 51 | <i>Poa trivialis</i> | Froud-Willis; Weed Rese | 1982 | UK | 51.75 -1.25 N | 0 |
| 52 | <i>Poa trivialis</i> | Froud-Willis; Weed Rese | 1982 | UK | 51.75 -1.25 N | 0 |
| 53 | <i>Poa trivialis</i> | Froud-Willis; Weed Rese | 1982 | UK | 51.75 -1.25 N | 0 |
| 54 | <i>Poa trivialis</i> | Froud-Willis; Weed Rese | 1983 | UK | 51.75 -1.25 N | 0 |
| 55 | <i>Poa trivialis</i> | Froud-Willis; Weed Rese | 1982 | UK | 51.75 -1.25 N | 0 |
| 56 | <i>Poa trivialis</i> | Froud-Willis; Weed Rese | 1982 | UK | 51.75 -1.25 N | 0 |
| 57 | <i>Poa trivialis</i> | Froud-Willis; Weed Rese | 1982 | UK | 51.75 -1.25 N | 0 |
| 58 | <i>Poa trivialis</i> | Froud-Willis; Weed Rese | 1982 | UK | 51.75 -1.25 N | 0 |
| 59 | <i>Poa trivialis</i> | Froud-Willis; Weed Rese | 1982 | UK | 51.75 -1.25 N | 0 |
| 60 | <i>Poa trivialis</i> | Froud-Willis; Weed Rese | 1982 | UK | 51.75 -1.25 N | 0 |

| | | | | | | |
|----|----------------------|--------------------------|------------------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | <i>Poa trivialis</i> | Froud-Willi; Weed Rese | 1982 UK | 51.75 | -1.25 N | 0 |
| 4 | <i>Poa trivialis</i> | Froud-Willi; Weed Rese | 1982 UK | 51.75 | -1.25 N | 0 |
| 5 | <i>Brachypodi</i> | Schonfeld, Weed Rese | 1982 UK | 51.75 | -1.25 N | 0 |
| 6 | <i>Poa trivialis</i> | Froud-Willi; Weed Rese | 1982 UK | 51.75 | -1.25 N | 0 |
| 7 | <i>Poa trivialis</i> | Froud-Willi; Weed Rese | 1982 UK | 51.75 | -1.25 N | 0 |
| 8 | <i>Poa trivialis</i> | Froud-Willi; Weed Rese | 1982 UK | 51.75 | -1.25 N | 0 |
| 9 | <i>Poa trivialis</i> | Froud-Willi; Weed Rese | 1982 UK | 51.75 | -1.25 N | 0 |
| 10 | <i>Poa trivialis</i> | Froud-Willi; Weed Rese | 1982 UK | 51.75 | -1.25 N | 0 |
| 11 | <i>Holcus lanæ</i> | Schonfeld, Weed Rese | 1982 UK | 51.75 | -1.25 N | 0 |
| 12 | <i>Poa trivialis</i> | Froud-Willi; Weed Rese | 1982 UK | 51.75 | -1.25 N | 0 |
| 13 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 14 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 173 |
| 15 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 16 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 17 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 18 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 173 |
| 19 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 173 |
| 20 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 173 |
| 21 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 22 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 173 |
| 23 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 24 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 173 |
| 25 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 26 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 173 |
| 27 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 173 |
| 28 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 29 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 30 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 173 |
| 31 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 32 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 33 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 173 |
| 34 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 35 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 36 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 37 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 38 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 39 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 173 |
| 40 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 41 | <i>Solanum d</i> | Pegtel, D. Eernewoud | 1984 Netherlands | 53.11667 | 5.933333 N | 0 |
| 42 | <i>Rubus idae</i> | Nesme, X. Vosges, Fr | 1984 France | 47.98333 | 6.966667 N | 0 |
| 43 | <i>Rubus idae</i> | Nesme, X. Vosges, Fr | 1984 France | 47.98333 | 6.966667 Y | 0 |
| 44 | <i>Rubus idae</i> | Nesme, X. Vosges, Fr | 1984 France | 47.98333 | 6.966667 Y | 0 |
| 45 | <i>Rubus idae</i> | Nesme, X. Vosges, Fr | 1984 France | 47.98333 | 6.966667 Y | 0 |
| 46 | <i>Rubus idae</i> | Nesme, X. Vosges, Fr | 1984 France | 47.98333 | 6.966667 Y | 0 |
| 47 | <i>Rubus idae</i> | Nesme, X. Vosges, Fr | 1984 France | 47.98333 | 6.966667 Y | 0 |
| 48 | <i>Rubus idae</i> | Nesme, X. Vosges, Fr | 1984 France | 47.98333 | 6.966667 Y | 0 |
| 49 | <i>Rubus idae</i> | Nesme, X. Vosges, Fr | 1984 France | 47.98333 | 6.966667 Y | 0 |
| 50 | <i>Fagus sylv</i> | Muller, C. ePicardie, Fr | 1984 France | 49.75 | 2.183333 N | 0 |
| 51 | <i>Fagus sylv</i> | Muller, C. eAmance, Fr | 1984 France | 48.28333 | 4.45 N | 0 |
| 52 | <i>Poa trivialis</i> | Froud-Willi; Harwell, UK | 1977 UK | 51.58333 | -1.28333 N | 0 |
| 53 | <i>Stellaria m</i> | Froud-Willi; Harwell, UK | 1977 UK | 51.58333 | -1.28333 N | 0 |
| 54 | <i>Dactylis glc</i> | PannangpeGalicia, Sp | 1983 Spain | 42.85 | -7.9 N | 0 |
| 55 | <i>Dactylis glc</i> | PannangpeGalicia, Sp | 1983 Spain | 42.85 | -7.9 N | 0 |
| 56 | <i>Dactylis glc</i> | PannangpeGalicia, Sp | 1983 Spain | 42.85 | -7.9 N | 0 |
| 57 | <i>Dactylis glc</i> | PannangpeGalicia, Sp | 1983 Spain | 42.85 | -7.9 N | 0 |
| 58 | <i>Dactylis glc</i> | PannangpeGalicia, Sp | 1983 Spain | 42.85 | -7.9 N | 0 |
| 59 | <i>Dactylis glc</i> | PannangpeGalicia, Sp | 1983 Spain | 42.85 | -7.9 N | 0 |
| 60 | <i>Dactylis glc</i> | PannangpeGalicia, Sp | 1983 Spain | 42.85 | -7.9 N | 0 |

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|----|---------------------------------------|-------------|----------|------------|-----|--|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Dactylis glcPannangpeGalicia, Sp | 1983 Spain | 42.85 | -7.9 N | 0 | |
| 4 | Dactylis glcPannangpeGalicia, Sp | 1983 Spain | 42.85 | -7.9 N | 0 | |
| 5 | Quercus niPeterson, J1978 Missi | 1980 USA | 33.45 | -88.7833 N | 0 | |
| 6 | Quercus niPeterson, J1978 Missi | 1979 USA | 33.45 | -88.7833 N | 49 | |
| 7 | Quercus niPeterson, J1978 Missi | 1978 USA | 33.45 | -88.7833 N | 49 | |
| 8 | Quercus niPeterson, J1978 Missi | 1978 USA | 33.45 | -88.7833 N | 0 | |
| 9 | Quercus niPeterson, J1978 Missi | 1980 USA | 33.45 | -88.7833 N | 49 | |
| 10 | Quercus niPeterson, J1978 Missi | 1979 USA | 33.45 | -88.7833 N | 0 | |
| 11 | Fagus sylvMuller, C. aFor de F | 1980 France | 49.26667 | 2.566667 N | 0 | |
| 12 | Pinus taedaRichter, D. Mississippi | 1981 USA | 33 | -89.7333 N | 0 | |
| 13 | Solidago viSakurai, A. 1900 m asl | 2014 Japan | 36.1 | 137.55 N | 0 | |
| 14 | Lotus corniMcKersie, ICommercia | 1978 Canada | 43.53333 | -80.2333 Y | 0 | |
| 15 | Betula papBevington, Fairbanks, | 1977 USA | 64.86667 | -147.767 N | 0 | |
| 16 | Betula papBevington, Fairbanks, | 1977 USA | 64.86667 | -147.767 N | 0 | |
| 17 | Betula papBevington, Fairbanks, | 1977 USA | 64.86667 | -147.767 N | 42 | |
| 18 | Betula papBevington, Fairbanks, | 1977 USA | 64.86667 | -147.767 N | 0 | |
| 19 | Betula papBevington, Fairbanks, | 1977 USA | 64.86667 | -147.767 N | 42 | |
| 20 | Betula papBevington, Fairbanks, | 1977 USA | 64.86667 | -147.767 N | 0 | |
| 21 | Origanum vSilvertown, Castle Hill I | 1976 UK | 51.01667 | 0.2 N | 0 | |
| 22 | Achillea milSilvertown, Castle Hill I | 1976 UK | 51.01667 | 0.2 N | 0 | |
| 23 | Hypericum Silvertown, Castle Hill I | 1976 UK | 51.01667 | 0.2 N | 0 | |
| 24 | Prunella vuSilvertown, Castle Hill I | 1976 UK | 51.01667 | 0.2 N | 0 | |
| 25 | Lotus corniSilvertown, Castle Hill I | 1976 UK | 51.01667 | 0.2 N | 0 | |
| 26 | Stellaria mBaskin, J. MLexington, | 1973 USA | 38.01667 | -84.5 N | 480 | |
| 27 | Stellaria mBaskin, J. MLexington, | 1973 USA | 38.01667 | -84.5 N | 480 | |
| 28 | Stellaria mBaskin, J. MLexington, | 1973 USA | 38.01667 | -84.5 N | 480 | |
| 29 | Stellaria mBaskin, J. MLexington, | 1973 USA | 38.01667 | -84.5 N | 480 | |
| 30 | Stellaria mBaskin, J. MLexington, | 1973 USA | 38.01667 | -84.5 N | 480 | |
| 31 | Stellaria mBaskin, J. MLexington, | 1973 USA | 38.01667 | -84.5 N | 480 | |
| 32 | Stellaria mBaskin, J. MLexington, | 1973 USA | 38.01667 | -84.5 N | 480 | |
| 33 | Stellaria mBaskin, J. MLexington, | 1973 USA | 38.01667 | -84.5 N | 480 | |
| 34 | Stellaria mBaskin, J. MLexington, | 1973 USA | 38.01667 | -84.5 N | 480 | |
| 35 | Stellaria mBaskin, J. MLexington, | 1973 USA | 38.01667 | -84.5 N | 480 | |
| 36 | Stellaria mBaskin, J. MLexington, | 1973 USA | 38.01667 | -84.5 N | 480 | |
| 37 | Stellaria mBaskin, J. MLexington, | 1973 USA | 38.01667 | -84.5 N | 480 | |
| 38 | Stellaria mBaskin, J. MLexington, | 1973 USA | 38.01667 | -84.5 N | 480 | |
| 39 | Stellaria mBaskin, J. MLexington, | 1973 USA | 38.01667 | -84.5 N | 480 | |
| 40 | Vaccinium Aalders, L. cv 70-36a, | 1976 Canada | 45.06667 | -64.5333 N | 0 | |
| 41 | HyacinthoicThompson, Bethlehem | 1975 UK | 51.06667 | ##### N | 0 | |
| 42 | HyacinthoicThompson, Bethlehem | 1975 UK | 51.06667 | ##### N | 0 | |
| 43 | HyacinthoicThompson, Bethlehem | 1975 UK | 51.06667 | ##### N | 0 | |
| 44 | HyacinthoicThompson, Bethlehem | 1975 UK | 51.06667 | ##### N | 0 | |
| 45 | HyacinthoicThompson, Bethlehem | 1975 UK | 51.06667 | ##### N | 0 | |
| 46 | HyacinthoicThompson, Bethlehem | 1975 UK | 51.06667 | ##### N | 0 | |
| 47 | HyacinthoicThompson, Bethlehem | 1975 UK | 51.06667 | ##### N | 0 | |
| 48 | HyacinthoicThompson, Bethlehem | 1975 UK | 51.06667 | ##### N | 0 | |
| 49 | HyacinthoicThompson, Bethlehem | 1975 UK | 51.06667 | ##### N | 0 | |
| 50 | HyacinthoicThompson, Great Rack | 1975 UK | 51.05 | ##### N | 0 | |
| 51 | HyacinthoicThompson, Great Rack | 1975 UK | 51.05 | ##### N | 0 | |
| 52 | HyacinthoicThompson, Great Rack | 1975 UK | 51.05 | ##### N | 0 | |
| 53 | HyacinthoicThompson, Great Rack | 1975 UK | 51.05 | ##### N | 0 | |
| 54 | HyacinthoicThompson, Great Rack | 1975 UK | 51.05 | ##### N | 0 | |
| 55 | HyacinthoicThompson, Great Rack | 1975 UK | 51.05 | ##### N | 0 | |
| 56 | HyacinthoicThompson, Great Rack | 1975 UK | 51.05 | ##### N | 0 | |
| 57 | HyacinthoicThompson, Great Rack | 1975 UK | 51.05 | ##### N | 0 | |
| 58 | Solanum diRoberts, H.Compton V | 1973 UK | 52.16667 | -1.55 N | 0 | |
| 59 | Solanum diRoberts, H.Compton V | 1973 UK | 52.16667 | -1.55 N | 180 | |
| 60 | Solanum diRoberts, H.Compton V | 1973 UK | 52.16667 | -1.55 N | 0 | |

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|----|-------------------------------------|-------------|----------|------------|--|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Solanum dıRoberts, H.Compton V | 1973 UK | 52.16667 | -1.55 N | | 0 |
| 4 | Solanum dıRoberts, H.Compton V | 1973 UK | 52.16667 | -1.55 N | | 0 |
| 5 | Solanum dıRoberts, H.Compton V | 1973 UK | 52.16667 | -1.55 N | | 180 |
| 6 | Solanum dıRoberts, H.Compton V | 1973 UK | 52.16667 | -1.55 N | | 180 |
| 7 | Solanum dıRoberts, H.Compton V | 1973 UK | 52.16667 | -1.55 N | | 180 |
| 8 | Solanum dıRoberts, H.Compton V | 1973 UK | 52.16667 | -1.55 N | | 180 |
| 9 | Solanum dıRoberts, H.Compton V | 1973 UK | 52.16667 | -1.55 N | | 180 |
| 10 | Solanum dıRoberts, H.Compton V | 1973 UK | 52.16667 | -1.55 N | | 0 |
| 11 | Solanum dıRoberts, H.Compton V | 1973 UK | 52.16667 | -1.55 N | | 180 |
| 12 | Solanum dıRoberts, H.Compton V | 1973 UK | 52.16667 | -1.55 N | | 0 |
| 13 | Solanum dıRoberts, H.Compton V | 1973 UK | 52.16667 | -1.55 N | | 180 |
| 14 | Solanum dıRoberts, H.Compton V | 1973 UK | 52.16667 | -1.55 N | | 0 |
| 15 | Solanum dıRoberts, H.Compton V | 1973 UK | 52.16667 | -1.55 N | | 0 |
| 16 | Dioscorea tOkagami, tShizuoka P | 1975 Japan | 35.06667 | 138.2833 N | | 0 |
| 17 | Dioscorea tOkagami, tShizuoka P | 1975 Japan | 35.06667 | 138.2833 N | | 0 |
| 18 | Dioscorea tOkagami, tShizuoka P | 1975 Japan | 35.06667 | 138.2833 N | | 80 |
| 19 | Dioscorea tOkagami, tShizuoka P | 1975 Japan | 35.06667 | 138.2833 N | | 80 |
| 20 | Solidago viıSakurai, A. 2000 m asl | 2014 Japan | 36.1 | 137.55 N | | 0 |
| 21 | Corylus avεJarvis, B. CArtindale ai | 1973 UK | 53.36667 | -1.51667 N | | 0 |
| 22 | Corylus avεJarvis, B. CArtindale ai | 1973 UK | 53.36667 | -1.51667 N | | 0 |
| 23 | Lycopus euThompson, Royal Bota | 1973 UK | 51.46667 | ##### N | | 0 |
| 24 | Lycopus euThompson, Royal Bota | 1973 UK | 51.46667 | ##### N | | 0 |
| 25 | Silene dioicThompson, South-east | 1973 UK | 51.2 | ##### N | | 0 |
| 26 | Silene dioicThompson, South-east | 1973 UK | 51.2 | ##### N | | 0 |
| 27 | Populus baHellum, A. Bowness, A | 1967 Canada | 51.08333 | -114.2 N | | 0 |
| 28 | Corylus avεBradbeer, J.Aberystwyti | 1960 UK | 52.4 | -4.08333 Y | | 50 |
| 29 | Corylus avεBradbeer, J.Aberystwyti | 1960 UK | 52.4 | -4.08333 Y | | 0 |
| 30 | Epilobium εMyerscoug Edinburgh, | 1965 UK | 55.93333 | -3.18333 N | | 0 |
| 31 | Epilobium εMyerscoug Edinburgh, | 1965 UK | 55.93333 | -3.18333 N | | 0 |
| 32 | Epilobium rMyerscoug Edinburgh, | 1965 UK | 55.93333 | -3.18333 N | | 0 |
| 33 | Epilobium rMyerscoug Edinburgh, | 1965 UK | 55.93333 | -3.18333 N | | 0 |
| 34 | Epilobium rMyerscoug Edinburgh, | 1965 UK | 55.93333 | -3.18333 N | | 0 |
| 35 | Epilobium εMyerscoug Edinburgh, | 1965 UK | 55.93333 | -3.18333 N | | 0 |
| 36 | Epilobium rMyerscoug Edinburgh, | 1965 UK | 55.93333 | -3.18333 N | | 0 |
| 37 | Epilobium εMyerscoug Edinburgh, | 1965 UK | 55.93333 | -3.18333 N | | 0 |
| 38 | Epilobium rMyerscoug Edinburgh, | 1965 UK | 55.93333 | -3.18333 N | | 0 |
| 39 | Epilobium εMyerscoug Edinburgh, | 1965 UK | 55.93333 | -3.18333 N | | 0 |
| 40 | Epilobium rMyerscoug Edinburgh, | 1965 UK | 55.93333 | -3.18333 N | | 0 |
| 41 | Epilobium εMyerscoug Edinburgh, | 1965 UK | 55.93333 | -3.18333 N | | 0 |
| 42 | Epilobium rMyerscoug Edinburgh, | 1965 UK | 55.93333 | -3.18333 N | | 0 |
| 43 | Pinus strobToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 44 | Pinus taedεToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 45 | Pinus taedεToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 46 | Pinus strobToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 47 | Pinus taedεToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 48 | Pinus strobToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 49 | Pinus strobToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 50 | Pinus taedεToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 51 | Pinus strobToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 52 | Pinus taedεToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 53 | Pinus taedεToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 54 | Pinus strobToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 55 | Pinus taedεToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 56 | Pinus taedεToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 57 | Pinus strobToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 58 | Pinus strobToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 59 | Pinus strobToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |
| 60 | Pinus strobToole, V. KNortheast | 1955 USA | 39.96667 | -75.4 N | | 0 |

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|----|------------------------|---------------|-----------------|------|-------------|-------------------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Pinus strobus | Toole, V. K | Northeast | 1955 | USA | 39.96667 -75.4 N 0 |
| 4 | Pinus taeda | Toole, V. K | Northeast | 1955 | USA | 39.96667 -75.4 N 0 |
| 5 | Pinus taeda | Toole, V. K | Northeast | 1955 | USA | 39.96667 -75.4 N 0 |
| 6 | Pseudotsuga | Ching, T. M | Weyerhaeuser | 1957 | USA | 46.71667 -122.95 N 0 |
| 7 | Fragaria virginiana | Toole, E. | HUSDA, Belt | 1954 | USA | 39.01667 -76.9167 N 0 |
| 8 | Fragaria virginiana | Toole, E. | HUSDA, Belt | 1954 | USA | 39.01667 -76.9167 N 0 |
| 9 | Rosa multiflora | Stewart, R. | USDA, Belt | 1964 | USA | 38.96667 -77 N 120 |
| 10 | Fragaria virginiana | Toole, E. | HUSDA, Belt | 1954 | USA | 39.01667 -76.9167 N 0 |
| 11 | Fragaria virginiana | Toole, E. | HUSDA, Belt | 1954 | USA | 39.01667 -76.9167 N 0 |
| 12 | Rosa multiflora | Stewart, R. | USDA, Belt | 1964 | USA | 38.96667 -77 N 120 |
| 13 | Fragaria virginiana | Toole, E. | HUSDA, Belt | 1954 | USA | 39.01667 -76.9167 N 0 |
| 14 | Rosa multiflora | Stewart, R. | USDA, Belt | 1964 | USA | 38.96667 -77 N 120 |
| 15 | Fragaria virginiana | Toole, E. | HUSDA, Belt | 1954 | USA | 39.01667 -76.9167 N 0 |
| 16 | Rosa multiflora | Stewart, R. | USDA, Belt | 1964 | USA | 38.96667 -77 N 120 |
| 17 | Fragaria virginiana | Toole, E. | HUSDA, Belt | 1954 | USA | 39.01667 -76.9167 N 0 |
| 18 | Fragaria virginiana | Toole, E. | HUSDA, Belt | 1954 | USA | 39.01667 -76.9167 N 0 |
| 19 | Fragaria virginiana | Toole, E. | HUSDA, Belt | 1954 | USA | 39.01667 -76.9167 N 0 |
| 20 | Fragaria virginiana | Toole, E. | HUSDA, Belt | 1954 | USA | 39.01667 -76.9167 N 0 |
| 21 | Fragaria virginiana | Toole, E. | HUSDA, Belt | 1954 | USA | 39.01667 -76.9167 N 0 |
| 22 | Primula elatior | Ahmad, H. | Various sources | 2006 | USA | 39.58333 -95.9667 N 0 |
| 23 | Primula vulgaris | Ahmad, H. | Various sources | 2006 | USA | 39.58333 -95.9667 N 0 |
| 24 | Primula vulgaris | Ahmad, H. | Various sources | 2006 | USA | 39.58333 -95.9667 N 60 |
| 25 | Primula veris | Ahmad, H. | Various sources | 2006 | USA | 39.58333 -95.9667 N 60 |
| 26 | Primula elatior | Ahmad, H. | Various sources | 2006 | USA | 39.58333 -95.9667 N 150 |
| 27 | Primula veris | Ahmad, H. | Various sources | 2006 | USA | 39.58333 -95.9667 N 0 |
| 28 | Solidago virgaurea | Sakurai, A. | 2400 m asl | 2014 | Japan | 36.1 137.55 N 0 |
| 29 | Kalmia latifolia | Li, H. Z., D. | Hybrids of | 2016 | USA | 33.95 -83.4167 N 0 |
| 30 | Pinus koraiensis | Kim, D. H. | Chuncheon | 2017 | South Korea | 37.88333 127.6167 N 0 |
| 31 | Fagus crenata | Endoh, K. | Ozedake N | 2015 | Japan | 37.61667 139.5333 N 60 |
| 32 | Fagus crenata | Endoh, K. | Ozedake N | 2015 | Japan | 37.61667 139.5333 N 30 |
| 33 | Erechtites pinnatifida | White, S. N. | Queen's | 2015 | Canada | 44.1 -64.9333 N 0 |
| 34 | Erechtites pinnatifida | White, S. N. | Queen's | 2015 | Canada | 44.1 -64.9333 N 90 |
| 35 | Erechtites pinnatifida | White, S. N. | Queen's | 2015 | Canada | 44.1 -64.9333 N 0 |
| 36 | Erechtites pinnatifida | White, S. N. | Queen's | 2015 | Canada | 44.1 -64.9333 N 90 |
| 37 | Ulmus davidsonii | Nomiya, H. | Natural forest | 1997 | Japan | 36.75 139.4333 N 0 |
| 38 | Ulmus laciniatus | Nomiya, H. | Natural forest | 1997 | Japan | 36.75 139.4333 N 0 |
| 39 | Ulmus davidsonii | Nomiya, H. | Natural forest | 1997 | Japan | 36.75 139.4333 N 84 |
| 40 | Ulmus davidsonii | Nomiya, H. | Natural forest | 1997 | Japan | 36.75 139.4333 N 84 |
| 41 | Ulmus laciniatus | Nomiya, H. | Natural forest | 1997 | Japan | 36.75 139.4333 N 84 |
| 42 | Ulmus laciniatus | Nomiya, H. | Natural forest | 1997 | Japan | 36.75 139.4333 N 84 |
| 43 | Ulmus davidsonii | Nomiya, H. | Natural forest | 1997 | Japan | 36.75 139.4333 N 0 |
| 44 | Ulmus laciniatus | Nomiya, H. | Natural forest | 1997 | Japan | 36.75 139.4333 N 0 |
| 45 | Ulmus davidsonii | Nomiya, H. | Natural forest | 1997 | Japan | 36.75 139.4333 N 0 |
| 46 | Ulmus laciniatus | Nomiya, H. | Natural forest | 1997 | Japan | 36.75 139.4333 N 0 |
| 47 | Ulmus laciniatus | Nomiya, H. | Natural forest | 1997 | Japan | 36.75 139.4333 N 0 |
| 48 | Ulmus laciniatus | Nomiya, H. | Natural forest | 1997 | Japan | 36.75 139.4333 N 84 |
| 49 | Ulmus davidsonii | Nomiya, H. | Natural forest | 1997 | Japan | 36.75 139.4333 N 0 |
| 50 | Ulmus davidsonii | Nomiya, H. | Natural forest | 1997 | Japan | 36.75 139.4333 N 84 |
| 51 | Ulmus davidsonii | Nomiya, H. | Natural forest | 1997 | Japan | 36.75 139.4333 N 84 |
| 52 | Ulmus laciniatus | Nomiya, H. | Natural forest | 1997 | Japan | 36.75 139.4333 N 84 |
| 53 | Phragmites australis | Martin, R. | New York p | 2016 | USA | 40.86667 -73.3667 N 0 |
| 54 | Phragmites australis | Martin, R. | New York p | 2016 | USA | 40.86667 -73.3667 N 0 |
| 55 | Poa trivialis | Liu, M. H., | Seed Rese | 2013 | USA | 44.53333 -123.1 N 0 |
| 56 | Poa trivialis | Liu, M. H., | Seed Rese | 2013 | USA | 44.53333 -123.1 N 0 |
| 57 | Poa trivialis | Liu, M. H., | Seed Rese | 2013 | USA | 44.53333 -123.1 N 0 |
| 58 | Poa trivialis | Liu, M. H., | Seed Rese | 2013 | USA | 44.53333 -123.1 N 0 |
| 59 | Galium aparine | Boyd, N. V. | Several col | 2003 | Canada | 54.75 -105.683 N 0 |
| 60 | Galium aparine | Boyd, N. V. | Several col | 2003 | Canada | 54.75 -105.683 N 0 |

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|---------------|--------------------------|-------------|------|-----------|----------|------------|----|
| Taraxacum | Boyd, N. V. | Several col | 2003 | Canada | 54.75 | -105.683 N | 0 |
| Taraxacum | Boyd, N. V. | Several col | 2003 | Canada | 54.75 | -105.683 N | 0 |
| Robinia ps | Bouteiller, }Gabarnac, | | 2016 | France | 44.6 | -0.25 Y | 0 |
| Robinia ps | Bouteiller, }Gabarnac, | | 2016 | France | 44.6 | -0.25 N | 0 |
| Origanum | \P♦voa, O. EN4, Sta. M | | 2015 | Portugal | 38.81667 | -7.53333 N | 0 |
| Albizia julib | Bouteiller, }Sunshine S | | 2016 | Germany | 51.75 | 7.9 N | 0 |
| Albizia julib | Bouteiller, }Sunshine S | | 2016 | Germany | 51.75 | 7.9 Y | 0 |
| Agrostis ca | Soares, V. | Seed mixes | 2015 | Brazil | -31.8333 | -52.4667 N | 7 |
| Prunus spir | Afroze, F. (Coillte Seer | | 2010 | Ireland | 52.71667 | -6.68333 N | 70 |
| Prunus spir | Afroze, F. (Coillte Seer | | 2010 | Ireland | 52.71667 | -6.68333 N | 91 |
| Prunus spir | Afroze, F. (Coillte Seer | | 2010 | Ireland | 52.71667 | -6.68333 N | 70 |
| Prunus spir | Afroze, F. (Coillte Seer | | 2010 | Ireland | 52.71667 | -6.68333 N | 91 |
| Salix cinere | Hopley, T. }Victoria, Au | | 2008 | Australia | -37.2 | 144.0833 N | 0 |
| Miscanthus | Sun, Q. Y., Fukagawa, | | 2013 | Japan | 43.01667 | 142.0167 N | 0 |
| Miscanthus | Sun, Q. Y., Kamui, Jap | | 2013 | Japan | 43.01667 | 140.0167 N | 0 |
| Miscanthus | Sun, Q. Y., Iwanai, Jap | | 2013 | Japan | 42.01667 | 140.0167 N | 0 |
| Miscanthus | Sun, Q. Y., Niseko, Jap | | 2013 | Japan | 42.01667 | 140.0167 N | 0 |
| Miscanthus | Sun, Q. Y., Oshamanbi | | 2013 | Japan | 42.01667 | 140.0167 N | 0 |
| Miscanthus | Sun, Q. Y., Toya, Japa | | 2013 | Japan | 42.01667 | 140.0167 N | 0 |
| Origanum | \P♦voa, O. Vila Boim, I | | 2015 | Portugal | 38.86667 | -7.26667 N | 0 |
| Miscanthus | Sun, Q. Y., Makkari, Ja | | 2013 | Japan | 42.01667 | 140.0167 N | 0 |
| Miscanthus | Sun, Q. Y., Hakodate, , | | 2013 | Japan | 41.01667 | 141.0167 N | 0 |
| Miscanthus | Sun, Q. Y., Esashi, Jap | | 2013 | Japan | 41.01667 | 140.0167 N | 0 |
| Miscanthus | Sun, Q. Y., Onuma, Jap | | 2013 | Japan | 42.01667 | 140.0167 N | 0 |
| Miscanthus | Sun, Q. Y., Iozan, Japa | | 2013 | Japan | 43.01667 | 144.0167 N | 0 |
| Miscanthus | Sun, Q. Y., Bihoro, Jap | | 2013 | Japan | 43.01667 | 144.0167 N | 0 |
| Miscanthus | Sun, Q. Y., Kobuchizav | | 2013 | Japan | 35.01667 | 138.0167 N | 0 |
| Miscanthus | Sun, Q. Y., Nagasaka, | | 2013 | Japan | 35.01667 | 138.0167 N | 0 |
| Miscanthus | Sun, Q. Y., Shiozuka, , | | 2013 | Japan | 33.01667 | 133.0167 N | 0 |
| Miscanthus | Sun, Q. Y., Kochi, Japa | | 2013 | Japan | 33.01667 | 133.0167 N | 0 |
| Arbutus uni | Pipinis, E., Rodopi, Gr | | 2013 | Greece | 41.13333 | 25.25 N | 0 |
| Arbutus uni | Pipinis, E., Rodopi, Gr | | 2013 | Greece | 41.13333 | 25.25 N | 30 |
| Miscanthus | Sun, Q. Y., Takachino, | | 2013 | Japan | 32.01667 | 131.0167 N | 0 |
| Prunus avi | Javanmard Iran | | 2011 | Iran | 31.7 | 53.71667 N | 28 |
| Prunus avi | Javanmard Iran | | 2011 | Iran | 31.7 | 53.71667 N | 56 |
| Lysimachia | Dillon, K. RWashingtor | | 2013 | USA | 47.51667 | -122.283 N | 0 |
| Lysimachia | Dillon, K. RWashingtor | | 2013 | USA | 47.51667 | -122.283 N | 0 |
| Lysimachia | Dillon, K. RWashingtor | | 2013 | USA | 47.51667 | -122.283 N | 0 |
| Vitis amure | Wang, W. (Changbai M | | 2010 | China | 42.05 | 127.7833 N | 60 |
| Vitis amure | Wang, W. (Changbai M | | 2010 | China | 42.05 | 127.7833 N | 0 |
| Vitis amure | Wang, W. (Changbai M | | 2010 | China | 42.05 | 127.7833 N | 0 |
| Vitis amure | Wang, W. (Changbai M | | 2010 | China | 42.05 | 127.7833 N | 0 |
| Vitis amure | Wang, W. (Changbai M | | 2010 | China | 42.05 | 127.7833 N | 0 |
| Vitis amure | Wang, W. (Changbai M | | 2010 | China | 42.05 | 127.7833 N | 0 |
| Vitis amure | Wang, W. (Changbai M | | 2010 | China | 42.05 | 127.7833 N | 60 |
| Vitis amure | Wang, W. (Changbai M | | 2010 | China | 42.05 | 127.7833 N | 60 |
| Vitis amure | Wang, W. (Changbai M | | 2010 | China | 42.05 | 127.7833 N | 60 |
| Vitis amure | Wang, W. (Changbai M | | 2010 | China | 42.05 | 127.7833 N | 60 |
| Vitis amure | Wang, W. (Changbai M | | 2010 | China | 42.05 | 127.7833 N | 0 |
| Vitis amure | Wang, W. (Changbai M | | 2010 | China | 42.05 | 127.7833 N | 0 |
| Vitis amure | Wang, W. (Changbai M | | 2010 | China | 42.05 | 127.7833 N | 60 |
| Carex flacc | Wagner, M Calcareous | | 2007 | UK | 53.2 | -1.63333 N | 0 |
| Stachys off | Wagner, M Calcareous | | 2007 | UK | 53.2 | -1.63333 N | 0 |
| Carex flacc | Wagner, M Calcareous | | 2007 | UK | 53.2 | -1.63333 N | 35 |
| Carex flacc | Wagner, M Calcareous | | 2007 | UK | 53.2 | -1.63333 N | 35 |

| | | | | | | |
|----|---------------------------------------|-------------|----------|------------|--|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Stachys offWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 0 |
| 4 | Carex flaccWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 0 |
| 5 | Stachys offWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 35 |
| 6 | HelianthemWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 35 |
| 7 | Stachys offWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 0 |
| 8 | Stachys offWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 35 |
| 9 | Stachys offWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 35 |
| 10 | HelianthemWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 35 |
| 11 | HelianthemWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 0 |
| 12 | Carex flaccWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 35 |
| 13 | HelianthemWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 0 |
| 14 | HelianthemWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 35 |
| 15 | Carex flaccWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 35 |
| 16 | Stachys offWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 0 |
| 17 | HelianthemWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 0 |
| 18 | Carex flaccWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 0 |
| 19 | HelianthemWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 0 |
| 20 | HelianthemWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 35 |
| 21 | Stachys offWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 35 |
| 22 | Carex flaccWagner, M Calcareous | 2007 UK | 53.2 | -1.63333 N | | 0 |
| 23 | Apocynum Boyd, N. S.Mt. Stewart | 2008 Canada | 46.35 | -62.8667 N | | 0 |
| 24 | Apocynum Boyd, N. S.Mt. Stewart | 2008 Canada | 46.35 | -62.8667 N | | 0 |
| 25 | Apocynum Boyd, N. S.Mt. Stewart | 2008 Canada | 46.35 | -62.8667 N | | 0 |
| 26 | Apocynum Boyd, N. S.Mt. Stewart | 2008 Canada | 46.35 | -62.8667 N | | 0 |
| 27 | Apocynum Boyd, N. S.Mt. Stewart | 2008 Canada | 46.35 | -62.8667 N | | 0 |
| 28 | Apocynum Boyd, N. S.Mt. Stewart | 2008 Canada | 46.35 | -62.8667 N | | 0 |
| 29 | Pinus contcAoki, C. F. Rocky Mou | 2007 USA | 40.33333 | -105.683 N | | 0 |
| 30 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 0 |
| 31 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 0 |
| 32 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 0 |
| 33 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 28 |
| 34 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 28 |
| 35 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 0 |
| 36 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 0 |
| 37 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 0 |
| 38 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 28 |
| 39 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 0 |
| 40 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 0 |
| 41 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 28 |
| 42 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 28 |
| 43 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 0 |
| 44 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 0 |
| 45 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 0 |
| 46 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 0 |
| 47 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 0 |
| 48 | Acer truncaLi, Y. L. C., Beijing Bot | 2008 China | 39.98333 | 116.2167 N | | 28 |
| 49 | Alliaria petiRaghu, S. ITazawell C | 2006 USA | 40.72072 | -89.5056 N | | 115 |
| 50 | Alliaria petiRaghu, S. ITazawell C | 2006 USA | 40.72072 | -89.5056 N | | 40 |
| 51 | Abies nordrKirdar, E. ESavsat-Mey | 2006 Turkey | 41.48333 | 42.13333 N | | 23 |
| 52 | Arbutus unıPipinis, E., Chalkidiki, (| 2013 Greece | 40.58333 | 23.78333 N | | 0 |
| 53 | Arbutus unıPipinis, E., Chalkidiki, (| 2013 Greece | 40.58333 | 23.78333 N | | 30 |
| 54 | Abies nordrKirdar, E. ESavsat-Yay | 2006 Turkey | 41.21667 | 42.45 N | | 23 |
| 55 | Abies nordrKirdar, E. ESavsat-Veli | 2006 Turkey | 41.31667 | 42.51667 N | | 23 |
| 56 | Abies nordrKirdar, E. EArtvin-Ortal | 2006 Turkey | 41.26667 | 41.95 N | | 23 |
| 57 | Neolitsea aChen, S. Y.Peitungyen | 2002 Taiwan | 24.08333 | 121.1167 N | | 0 |
| 58 | PhellodendChien, C. TTaiping Mo | 2004 Taiwan | 24.5 | 121.4833 N | | 0 |
| 59 | PhellodendChien, C. TTaiping Mo | 2004 Taiwan | 24.5 | 121.4833 N | | 0 |
| 60 | | | | | | |

| | | | | | | | | |
|----|----------------------------|--------------|------|---------|----------|----------|---|-----|
| 1 | PhellodendChien, C. T | Taiping Mo | 2004 | Taiwan | 24.5 | 121.4833 | N | 140 |
| 2 | PhellodendChien, C. T | Taiping Mo | 2004 | Taiwan | 24.5 | 121.4833 | N | 0 |
| 3 | PhellodendChien, C. T | Taiping Mo | 2004 | Taiwan | 24.5 | 121.4833 | N | 0 |
| 4 | Pinus sylveTilki, F. (20 | Akyaz?-Dol | 2004 | Turkey | 40.61667 | 30.83333 | N | 0 |
| 5 | Pinus sylveTilki, F. (20 | Artvin-Merk | 2004 | Turkey | 41.13333 | 41.6 | N | 0 |
| 6 | Pinus sylveTilki, F. (20 | Kutahya-S. | 2004 | Turkey | 39.61667 | 30.3 | N | 0 |
| 7 | Pinus sylveTilki, F. (20 | Kastamonu | 2004 | Turkey | 41.36667 | 33.46667 | N | 0 |
| 8 | Pinus sylveTilki, F. (20 | Akdagmade | 2004 | Turkey | 39.5 | 35.86667 | N | 0 |
| 9 | Arbutus unPipinis, E., | Pieria, Gree | 2013 | Greece | 40.18333 | 22.31667 | N | 30 |
| 10 | Arbutus unPipinis, E., | Pieria, Gree | 2013 | Greece | 40.18333 | 22.31667 | N | 0 |
| 11 | Pinus sylveTilki, F. (20 | Kayseri-Pin | 2004 | Turkey | 38.71667 | 36.21667 | N | 0 |
| 12 | Agrostis caHanslin, H. | DLF-TRIFC | 2004 | Denmark | 55.75 | 9.683333 | N | 0 |
| 13 | Achillea milHanslin, H. | Olberg, Nor | 2004 | Norway | 58.85 | 5.566667 | N | 0 |
| 14 | Filipendula Hanslin, H. | Klepp St., N | 2004 | Norway | 58.76667 | 5.666667 | N | 0 |
| 15 | Abies procDoody, P. (Three | lots, | 2004 | Denmark | 55.43333 | 9.033333 | N | 0 |
| 16 | Abies procDoody, P. (Three | lots, | 2004 | Denmark | 55.43333 | 9.033333 | N | 8 |
| 17 | Abies procDoody, P. (Three | lots, | 2004 | Denmark | 55.43333 | 9.033333 | N | 8 |
| 18 | Abies procDoody, P. (Three | lots, | 2004 | Denmark | 55.43333 | 9.033333 | N | 0 |
| 19 | PseudotsuDoody, P. (Three | lots, | 2004 | USA | 46.73333 | -121.567 | N | 56 |
| 20 | PseudotsuDoody, P. (Three | lots, | 2004 | USA | 46.73333 | -121.567 | N | 0 |
| 21 | PseudotsuDoody, P. (Three | lots, | 2004 | USA | 46.73333 | -121.567 | N | 56 |
| 22 | PseudotsuDoody, P. (Three | lots, | 2004 | USA | 46.73333 | -121.567 | N | 0 |
| 23 | AristolochiaAdams, C. | Pine Mount | 2000 | USA | 37.05 | -82.8667 | N | 0 |
| 24 | AristolochiaAdams, C. | Pine Mount | 2000 | USA | 37.05 | -82.8667 | N | 0 |
| 25 | AristolochiaAdams, C. | Pine Mount | 2000 | USA | 37.05 | -82.8667 | N | 0 |
| 26 | AristolochiaAdams, C. | Pine Mount | 1999 | USA | 37.05 | -82.8667 | N | 84 |
| 27 | AristolochiaAdams, C. | Pine Mount | 2000 | USA | 37.05 | -82.8667 | N | 0 |
| 28 | AristolochiaAdams, C. | Pine Mount | 2000 | USA | 37.05 | -82.8667 | N | 0 |
| 29 | AristolochiaAdams, C. | Pine Mount | 1999 | USA | 37.05 | -82.8667 | N | 0 |
| 30 | AristolochiaAdams, C. | Pine Mount | 2000 | USA | 37.05 | -82.8667 | N | 0 |
| 31 | AristolochiaAdams, C. | Pine Mount | 2000 | USA | 37.05 | -82.8667 | N | 0 |
| 32 | AristolochiaAdams, C. | Pine Mount | 1999 | USA | 37.05 | -82.8667 | N | 0 |
| 33 | AristolochiaAdams, C. | Pine Mount | 2000 | USA | 37.05 | -82.8667 | N | 0 |
| 34 | Lotus corniArtola, A. C | Prosedel S | 2004 | Uruguay | -33.8167 | -56.1167 | N | 0 |
| 35 | Poa trivialisCamberato | Several cul | 2003 | USA | 34.66667 | -82.8333 | N | 0 |
| 36 | Reynoutria Bram, M. R | Carroll Parl | 2000 | USA | 39.96667 | -75.2333 | N | 30 |
| 37 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 0 |
| 38 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 90 |
| 39 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 90 |
| 40 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 90 |
| 41 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 90 |
| 42 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 0 |
| 43 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 0 |
| 44 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 90 |
| 45 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 0 |
| 46 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 90 |
| 47 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 0 |
| 48 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 90 |
| 49 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 90 |
| 50 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 90 |
| 51 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 90 |
| 52 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 0 |
| 53 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 90 |
| 54 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 0 |
| 55 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 0 |
| 56 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 0 |
| 57 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 0 |
| 58 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 0 |
| 59 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 0 |
| 60 | Clematis viPicciau, R., | Monte Pad | 2012 | Italy | 39 | 8.983333 | N | 90 |

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|----|------------------------------------|-------------|----------|------------|--|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Clematis viPicciau, R.,Monte Pad | 2012 Italy | 39 | 8.983333 N | | 90 |
| 4 | Reynoutria Bram, M. RTacony Cre | 2000 USA | 40.03333 | -75.1 N | | 30 |
| 5 | Reynoutria Bram, M. RFriends Ho | 2000 USA | 40.01667 | -75.1 N | | 30 |
| 6 | PseudotsuGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 21 |
| 7 | PseudotsuGosling, P. Forestry Cc | 2002 UK | 52.75 | ##### N | | 0 |
| 8 | PseudotsuGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 0 |
| 9 | PseudotsuGosling, P. Forestry Cc | 2002 UK | 52.75 | ##### N | | 336 |
| 10 | PseudotsuGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 0 |
| 11 | Pinus sylveGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 21 |
| 12 | Pinus sylveGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 0 |
| 13 | Pinus sylveGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 0 |
| 14 | PseudotsuGosling, P. Forestry Cc | 2002 UK | 52.75 | ##### N | | 0 |
| 15 | PseudotsuGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 21 |
| 16 | Pinus sylveGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 0 |
| 17 | Pinus sylveGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 0 |
| 18 | PseudotsuGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 21 |
| 19 | PseudotsuGosling, P. Forestry Cc | 2002 UK | 52.75 | ##### N | | 0 |
| 20 | PseudotsuGosling, P. Forestry Cc | 2002 UK | 52.75 | ##### N | | 336 |
| 21 | PseudotsuGosling, P. Forestry Cc | 2002 UK | 52.75 | ##### N | | 336 |
| 22 | PseudotsuGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 0 |
| 23 | Quercus roGosling, P. Forestry Cc | 1988 UK | 53.18333 | -1.58333 N | | 0 |
| 24 | PseudotsuGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 0 |
| 25 | PseudotsuGosling, P. Forestry Cc | 2002 UK | 52.75 | ##### N | | 0 |
| 26 | Pinus sylveGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 0 |
| 27 | PseudotsuGosling, P. Forestry Cc | 2002 UK | 52.75 | ##### N | | 336 |
| 28 | PseudotsuGosling, P. Forestry Cc | 2002 UK | 52.75 | ##### N | | 336 |
| 29 | Pinus sylveGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 21 |
| 30 | Pinus sylveGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 21 |
| 31 | Pinus sylveGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 21 |
| 32 | PseudotsuGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 0 |
| 33 | Pinus sylveGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 21 |
| 34 | PseudotsuGosling, P. Forestry Cc | 2002 UK | 52.75 | ##### N | | 0 |
| 35 | PseudotsuGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 0 |
| 36 | Pinus sylveGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 0 |
| 37 | PseudotsuGosling, P. Forestry Cc | 2002 UK | 52.75 | ##### N | | 336 |
| 38 | PseudotsuGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 21 |
| 39 | PseudotsuGosling, P. Forestry Cc | 2002 UK | 52.75 | ##### N | | 0 |
| 40 | Pinus sylveGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 21 |
| 41 | PseudotsuGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 21 |
| 42 | PseudotsuGosling, P. Forestry Cc | 1987 UK | 53.18333 | -1.58333 N | | 21 |
| 43 | Pinus montFeurtado, JBC Ministry | 2002 Canada | 49.05 | -122.7 N | | 72 |
| 44 | Lonicera jaHidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | | 0 |
| 45 | Lonicera jaHidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | | 0 |
| 46 | Lonicera jaHidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | | 0 |
| 47 | Lonicera jaHidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | | 84 |
| 48 | Alliaria petiBaskin, J. Jessamine | 1985 USA | 37.86667 | -84.5833 N | | 0 |
| 49 | Lonicera jaHidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | | 0 |
| 50 | Lonicera jaHidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | | 180 |
| 51 | Lonicera jaHidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | | 180 |
| 52 | Alliaria petiBaskin, J. Jessamine | 1985 USA | 37.86667 | -84.5833 N | | 0 |
| 53 | Lonicera jaHidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | | 180 |
| 54 | Lonicera jaHidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | | 84 |
| 55 | Lonicera jaHidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | | 180 |
| 56 | Lonicera jaHidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | | 0 |
| 57 | Lonicera jaHidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | | 0 |
| 58 | Cardamine Baskin, C. Jessamine | 1987 USA | 37.78333 | -84 N | | 0 |

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|----|-------------------------|------------------------|----------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 180 |
| 4 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 0 |
| 5 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 0 |
| 6 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 0 |
| 7 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 180 |
| 8 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 0 |
| 9 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 84 |
| 10 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 0 |
| 11 | Cardamine Baskin, C. | Jessamine | 1987 USA | 37.78333 | -84 N | 0 |
| 12 | Cardamine Baskin, C. | Jessamine | 1987 USA | 37.78333 | -84 N | 0 |
| 13 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 180 |
| 14 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 180 |
| 15 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 180 |
| 16 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 84 |
| 17 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 84 |
| 18 | Alliaria peti | Baskin, J. Jessamine | 1985 USA | 37.86667 | -84.5833 N | 112 |
| 19 | Alliaria peti | Baskin, J. Jessamine | 1985 USA | 37.86667 | -84.5833 N | 112 |
| 20 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 0 |
| 21 | Cardamine Baskin, C. | Jessamine | 1987 USA | 37.78333 | -84 N | 0 |
| 22 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 0 |
| 23 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 84 |
| 24 | Alliaria peti | Baskin, J. Jessamine | 1985 USA | 37.86667 | -84.5833 N | 112 |
| 25 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 84 |
| 26 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 0 |
| 27 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 0 |
| 28 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 180 |
| 29 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 84 |
| 30 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 0 |
| 31 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 0 |
| 32 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 84 |
| 33 | Alliaria peti | Baskin, J. Jessamine | 1985 USA | 37.86667 | -84.5833 N | 112 |
| 34 | Alliaria peti | Baskin, J. Jessamine | 1985 USA | 37.86667 | -84.5833 N | 0 |
| 35 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 0 |
| 36 | Cardamine Baskin, C. | Jessamine | 1987 USA | 37.78333 | -84 N | 0 |
| 37 | Alliaria peti | Baskin, J. Jessamine | 1985 USA | 37.86667 | -84.5833 N | 112 |
| 38 | Alliaria peti | Baskin, J. Jessamine | 1985 USA | 37.86667 | -84.5833 N | 0 |
| 39 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 0 |
| 40 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 0 |
| 41 | Lonicera ja | Hidayati, S. Jessamine | 1997 USA | 37.85 | -84.5833 N | 84 |
| 42 | Alliaria peti | Baskin, J. Jessamine | 1985 USA | 37.86667 | -84.5833 N | 0 |
| 43 | Pueraria m | Susko, D. JNorth Carol | 1999 USA | 35.78333 | -78.6667 N | 42 |
| 44 | Pueraria m | Susko, D. JNorth Carol | 1999 USA | 35.78333 | -78.6667 N | 0 |
| 45 | Pueraria m | Susko, D. JNorth Carol | 1999 USA | 35.78333 | -78.6667 N | 0 |
| 46 | Pueraria m | Susko, D. JNorth Carol | 1999 USA | 35.78333 | -78.6667 N | 42 |
| 47 | Pueraria m | Susko, D. JNorth Carol | 1999 USA | 35.78333 | -78.6667 N | 0 |
| 48 | Pueraria m | Susko, D. JNorth Carol | 1999 USA | 35.78333 | -78.6667 N | 42 |
| 49 | Pueraria m | Susko, D. JNorth Carol | 1999 USA | 35.78333 | -78.6667 N | 42 |
| 50 | Pueraria m | Susko, D. JNorth Carol | 1999 USA | 35.78333 | -78.6667 N | 0 |
| 51 | Pueraria m | Susko, D. JNorth Carol | 1999 USA | 35.78333 | -78.6667 N | 0 |
| 52 | Pueraria m | Susko, D. JNorth Carol | 1999 USA | 35.78333 | -78.6667 N | 0 |
| 53 | Pueraria m | Susko, D. JNorth Carol | 1999 USA | 35.78333 | -78.6667 N | 0 |
| 54 | Pueraria m | Susko, D. JNorth Carol | 1999 USA | 35.78333 | -78.6667 Y | 0 |
| 55 | Pueraria m | Susko, D. JNorth Carol | 1999 USA | 35.78333 | -78.6667 N | 42 |
| 56 | Poa trivialisLiu, C. H. | CCypress A | 2000 USA | 34.66667 | -82.8333 N | 0 |
| 57 | Poa trivialisLiu, C. H. | CCypress A | 2000 USA | 34.66667 | -82.8333 N | 0 |
| 58 | Poa trivialisLiu, C. H. | CCypress A | 2000 USA | 34.66667 | -82.8333 N | 0 |
| 59 | Poa trivialisLiu, C. H. | CCypress A | 2000 USA | 34.66667 | -82.8333 N | 0 |
| 60 | Poa trivialisLiu, C. H. | CCypress A | 2000 USA | 34.66667 | -82.8333 N | 0 |

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|----|-------------------------------------|--------------|----------|------------|--|----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Quercus peLe Pichon, Commercia | 1998 France | 45.88333 | 4.35 N | | 0 |
| 4 | Tsuga mertEI-KassabySale Mtn., I | 2000 Canada | 51.16667 | -118.167 N | | 84 |
| 5 | Tsuga mertEI-KassabySale Mtn., I | 2000 Canada | 51.16667 | -118.167 N | | 84 |
| 6 | Tsuga mertEI-KassabySale Mtn., I | 2000 Canada | 51.16667 | -118.167 N | | 0 |
| 7 | Tsuga mertEI-KassabySale Mtn., I | 2000 Canada | 51.16667 | -118.167 N | | 0 |
| 8 | Tsuga mertEI-KassabySale Mtn., I | 2000 Canada | 51.16667 | -118.167 N | | 84 |
| 9 | Tsuga mertEI-KassabySale Mtn., I | 2000 Canada | 51.16667 | -118.167 N | | 0 |
| 10 | Tsuga mertEI-KassabySale Mtn., I | 2000 Canada | 51.16667 | -118.167 N | | 84 |
| 11 | Tsuga mertEI-KassabySale Mtn., I | 2000 Canada | 51.16667 | -118.167 N | | 0 |
| 12 | Phalaris artSahramaa, Jokioinen, I | 1995 Finland | 60.8 | 23.46667 N | | 0 |
| 13 | Euonymus RounsavilleScott's Gro | 2012 USA | 36.63333 | -88.3 N | | 0 |
| 14 | Euonymus RounsavilleScott's Gro | 2012 USA | 36.63333 | -88.3 N | | 0 |
| 15 | Euonymus RounsavilleScott's Gro | 2012 USA | 36.63333 | -88.3 N | | 0 |
| 16 | Euonymus RounsavilleScott's Gro | 2012 USA | 36.63333 | -88.3 N | | 0 |
| 17 | Euonymus RounsavilleScott's Gro | 2012 USA | 36.63333 | -88.3 N | | 0 |
| 18 | Euonymus RounsavilleScott's Gro | 2012 USA | 36.63333 | -88.3 N | | 0 |
| 19 | Robinia psPedrol, N., Semillas M | 2017 Spain | 40.83333 | -3.48333 N | | 0 |
| 20 | Robinia psPedrol, N., Semillas M | 2017 Spain | 40.83333 | -3.48333 Y | | 0 |
| 21 | Diervilla lorHidayati, S.Randolph C | 1998 USA | 38.8 | -79.8667 N | | 0 |
| 22 | Diervilla lorHidayati, S.Randolph C | 1998 USA | 38.8 | -79.8667 N | | 0 |
| 23 | Diervilla lorHidayati, S.Randolph C | 1998 USA | 38.8 | -79.8667 N | | 0 |
| 24 | Diervilla lorHidayati, S.Randolph C | 1998 USA | 38.8 | -79.8667 N | | 0 |
| 25 | Diervilla lorHidayati, S.Randolph C | 1998 USA | 38.8 | -79.8667 N | | 0 |
| 26 | Diervilla lorHidayati, S.Randolph C | 1998 USA | 38.8 | -79.8667 N | | 0 |
| 27 | Diervilla lorHidayati, S.Randolph C | 1998 USA | 38.8 | -79.8667 N | | 0 |
| 28 | Diervilla lorHidayati, S.Randolph C | 1998 USA | 38.8 | -79.8667 N | | 0 |
| 29 | Diervilla lorHidayati, S.Randolph C | 1998 USA | 38.8 | -79.8667 N | | 0 |
| 30 | Diervilla lorHidayati, S.Randolph C | 1998 USA | 38.8 | -79.8667 N | | 0 |
| 31 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 0 |
| 32 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 0 |
| 33 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 14 |
| 34 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 0 |
| 35 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 0 |
| 36 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 14 |
| 37 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 14 |
| 38 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 14 |
| 39 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 14 |
| 40 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 0 |
| 41 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 0 |
| 42 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 14 |
| 43 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 0 |
| 44 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 0 |
| 45 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 0 |
| 46 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 0 |
| 47 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 14 |
| 48 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 0 |
| 49 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 14 |
| 50 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 14 |
| 51 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 14 |
| 52 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 14 |
| 53 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 0 |
| 54 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 14 |
| 55 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 14 |
| 56 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 0 |
| 57 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 0 |
| 58 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 0 |
| 59 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 14 |
| 60 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | | 14 |

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|----|----------------------------------|-------------|----------|------------|----|
| 1 | | | | | |
| 2 | | | | | |
| 3 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | 0 |
| 4 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | 0 |
| 5 | Campsis raChachalis, Southern V | 1998 USA | 33.41667 | -90.9 N | 14 |
| 6 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 84 |
| 7 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 0 |
| 8 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 0 |
| 9 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 84 |
| 10 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 0 |
| 11 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 84 |
| 12 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 0 |
| 13 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 0 |
| 14 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 0 |
| 15 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 84 |
| 16 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 84 |
| 17 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 84 |
| 18 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 0 |
| 19 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 84 |
| 20 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 84 |
| 21 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 84 |
| 22 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 84 |
| 23 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 84 |
| 24 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 0 |
| 25 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 0 |
| 26 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 84 |
| 27 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 0 |
| 28 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 0 |
| 29 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 0 |
| 30 | Vaccinium Baskin, C. Gysinge, G | 1997 Sweden | 60.28333 | 16.88333 N | 84 |
| 31 | Vaccinium Baskin, C. Vimmerby, | 1997 Sweden | 57.66667 | 15.85 N | 84 |
| 32 | Vaccinium Baskin, C. Vimmerby, | 1997 Sweden | 57.66667 | 15.85 N | 0 |
| 33 | Vaccinium Baskin, C. Vimmerby, | 1997 Sweden | 57.66667 | 15.85 N | 0 |
| 34 | Vaccinium Baskin, C. Vimmerby, | 1997 Sweden | 57.66667 | 15.85 N | 84 |
| 35 | Vaccinium Baskin, C. Vimmerby, | 1997 Sweden | 57.66667 | 15.85 N | 84 |
| 36 | Vaccinium Baskin, C. Vimmerby, | 1997 Sweden | 57.66667 | 15.85 N | 0 |
| 37 | Vaccinium Baskin, C. Vimmerby, | 1997 Sweden | 57.66667 | 15.85 N | 0 |
| 38 | Vaccinium Baskin, C. Vimmerby, | 1997 Sweden | 57.66667 | 15.85 N | 84 |
| 39 | Vaccinium Baskin, C. Vimmerby, | 1997 Sweden | 57.66667 | 15.85 N | 0 |
| 40 | Vaccinium Baskin, C. Vimmerby, | 1997 Sweden | 57.66667 | 15.85 N | 84 |
| 41 | Vaccinium Baskin, C. Vimmerby, | 1997 Sweden | 57.66667 | 15.85 N | 84 |
| 42 | Vaccinium Baskin, C. Vimmerby, | 1997 Sweden | 57.66667 | 15.85 N | 0 |
| 43 | Vaccinium Baskin, C. Arjeplog, L | 1997 Sweden | 66.05 | 17.88333 N | 0 |
| 44 | Vaccinium Baskin, C. Arjeplog, L | 1997 Sweden | 66.05 | 17.88333 N | 84 |
| 45 | Vaccinium Baskin, C. Arjeplog, L | 1997 Sweden | 66.05 | 17.88333 N | 84 |
| 46 | Vaccinium Baskin, C. Arjeplog, L | 1997 Sweden | 66.05 | 17.88333 N | 84 |
| 47 | Vaccinium Baskin, C. Arjeplog, L | 1997 Sweden | 66.05 | 17.88333 N | 0 |
| 48 | Vaccinium Baskin, C. Arjeplog, L | 1997 Sweden | 66.05 | 17.88333 N | 0 |
| 49 | Vaccinium Baskin, C. Arjeplog, L | 1997 Sweden | 66.05 | 17.88333 N | 84 |
| 50 | Vaccinium Baskin, C. Arjeplog, L | 1997 Sweden | 66.05 | 17.88333 N | 84 |
| 51 | Vaccinium Baskin, C. Arjeplog, L | 1997 Sweden | 66.05 | 17.88333 N | 0 |
| 52 | Vaccinium Baskin, C. Arjeplog, L | 1997 Sweden | 66.05 | 17.88333 N | 84 |
| 53 | Vaccinium Baskin, C. Arjeplog, L | 1997 Sweden | 66.05 | 17.88333 N | 0 |
| 54 | Vaccinium Baskin, C. Arjeplog, L | 1997 Sweden | 66.05 | 17.88333 N | 0 |
| 55 | Vaccinium Baskin, C. Mjölby, M | 1997 Sweden | 58.31667 | 15.11667 N | 0 |
| 56 | Vaccinium Baskin, C. Mjölby, M | 1997 Sweden | 58.31667 | 15.11667 N | 84 |
| 57 | Vaccinium Baskin, C. Mjölby, M | 1997 Sweden | 58.31667 | 15.11667 N | 84 |
| 58 | Vaccinium Baskin, C. Mjölby, M | 1997 Sweden | 58.31667 | 15.11667 N | 84 |
| 59 | Vaccinium Baskin, C. Mjölby, M | 1997 Sweden | 58.31667 | 15.11667 N | 84 |
| 60 | Vaccinium Baskin, C. Mjölby, M | 1997 Sweden | 58.31667 | 15.11667 N | 84 |

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|----|--------------|-------------------------|---------------|----------|------------|--|-----|
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | Vaccinium | Baskin, C. (Mj)lby, | 1997 Sweden | 58.31667 | 15.11667 N | | 0 |
| 4 | Vaccinium | Baskin, C. (Mj)lby, | 1997 Sweden | 58.31667 | 15.11667 N | | 0 |
| 5 | Vaccinium | Baskin, C. (Mj)lby, | 1997 Sweden | 58.31667 | 15.11667 N | | 0 |
| 6 | Vaccinium | Baskin, C. (Mj)lby, | 1997 Sweden | 58.31667 | 15.11667 N | | 0 |
| 7 | Vaccinium | Baskin, C. (Mj)lby, | 1997 Sweden | 58.31667 | 15.11667 N | | 84 |
| 8 | Vaccinium | Baskin, C. (Mj)lby, | 1997 Sweden | 58.31667 | 15.11667 N | | 0 |
| 9 | Vaccinium | Baskin, C. (Mj)lby, | 1997 Sweden | 58.31667 | 15.11667 N | | 84 |
| 10 | Quercus pe | Zitnik, S. H Slovenia | 1998 Slovenia | 46.01667 | 15.71667 Y | | 0 |
| 11 | Pseudotsu | Muller, C. FBout, 04 Es | 1998 France | 45.1 | 2.666667 N | | 196 |
| 12 | Pseudotsu | Muller, C. FBout, 04 Es | 1998 France | 45.1 | 2.666667 N | | 0 |
| 13 | Pseudotsu | Muller, C. FBout, 04 Es | 1998 France | 45.1 | 2.666667 N | | 196 |
| 14 | Pseudotsu | Muller, C. FBout, 04 Es | 1998 France | 45.1 | 2.666667 N | | 0 |
| 15 | Comptonia | Dow, M. A. Kelly Rd, O | 1989 USA | 44.86667 | -68.7 N | | 0 |
| 16 | Comptonia | Dow, M. A. Kelly Rd, O | 1989 USA | 44.86667 | -68.7 N | | 0 |
| 17 | Comptonia | Dow, M. A. Kelly Rd, O | 1989 USA | 44.86667 | -68.7 N | | 0 |
| 18 | Comptonia | Dow, M. A. Kelly Rd, O | 1989 USA | 44.86667 | -68.7 N | | 60 |
| 19 | Artemisia tr | Booth, D. T Wind River | 1998 USA | 44.23333 | -107.967 N | | 0 |
| 20 | Vaccinium | Nin, S., et eAbetone an | 2016 Italy | 44.13333 | 10.65 N | | 0 |
| 21 | Vaccinium | Nin, S., et eAbetone an | 2016 Italy | 44.13333 | 10.65 N | | 90 |
| 22 | Vaccinium | Nin, S., et eAbetone an | 2016 Italy | 44.13333 | 10.65 N | | 90 |
| 23 | Vaccinium | Nin, S., et eAbetone an | 2016 Italy | 44.13333 | 10.65 N | | 0 |
| 24 | Vaccinium | Nin, S., et eAbetone an | 2016 Italy | 44.13333 | 10.65 N | | 0 |
| 25 | Vaccinium | Nin, S., et eAbetone an | 2016 Italy | 44.13333 | 10.65 N | | 0 |
| 26 | Vaccinium | Nin, S., et eAbetone an | 2016 Italy | 44.13333 | 10.65 N | | 0 |
| 27 | Vaccinium | Nin, S., et eAbetone an | 2016 Italy | 44.13333 | 10.65 N | | 90 |
| 28 | Vaccinium | Nin, S., et eAbetone an | 2016 Italy | 44.13333 | 10.65 N | | 90 |
| 29 | Vaccinium | Nin, S., et eAbetone an | 2016 Italy | 44.13333 | 10.65 N | | 90 |
| 30 | Vaccinium | Nin, S., et eAbetone an | 2016 Italy | 44.13333 | 10.65 N | | 90 |
| 31 | Vaccinium | Nin, S., et eAbetone an | 2016 Italy | 44.13333 | 10.65 N | | 0 |
| 32 | Vaccinium | Nin, S., et eAbetone an | 2016 Italy | 44.13333 | 10.65 N | | 0 |
| 33 | Purshia trid | Booth, D. T Utah | 1998 USA | 39.41667 | -111.617 N | | 28 |
| 34 | Purshia trid | Booth, D. T Utah | 1998 USA | 39.41667 | -111.617 N | | 14 |
| 35 | Purshia trid | Booth, D. T California | 1998 USA | 36.21667 | -119.75 N | | 28 |
| 36 | Purshia trid | Booth, D. T California | 1998 USA | 36.21667 | -119.75 N | | 14 |
| 37 | Purshia trid | Booth, D. T Oregon | 1998 USA | 44.51667 | -120.55 N | | 14 |
| 38 | Purshia trid | Booth, D. T Oregon | 1998 USA | 44.51667 | -120.55 N | | 28 |
| 39 | Pinus nigra | Pita, J. M. (ICONA, Ma | 1997 Spain | 40.4 | -3.68333 N | | 0 |
| 40 | Pinus sylve | Pita, J. M. (ICONA, Ma | 1997 Spain | 40.4 | -3.68333 N | | 0 |
| 41 | Picea abies | Leinonen, HInkoo, Finla | 1997 Finland | 60.01667 | 23.95 N | | 0 |
| 42 | Picea abies | Leinonen, HInkoo, Finla | 1997 Finland | 60.01667 | 23.95 N | | 0 |
| 43 | Picea abies | Leinonen, HInkoo, Finla | 1997 Finland | 60.01667 | 23.95 N | | 0 |
| 44 | Picea abies | Leinonen, HInkoo, Finla | 1997 Finland | 60.01667 | 23.95 N | | 0 |
| 45 | Picea abies | Leinonen, HInkoo, Finla | 1997 Finland | 60.01667 | 23.95 N | | 0 |
| 46 | Picea abies | Leinonen, HInkoo, Finla | 1997 Finland | 60.01667 | 23.95 N | | 0 |
| 47 | Picea abies | Leinonen, HInkoo, Finla | 1997 Finland | 60.01667 | 23.95 N | | 0 |
| 48 | Picea abies | Leinonen, HInkoo, Finla | 1997 Finland | 60.01667 | 23.95 N | | 0 |
| 49 | Ranunculu | Harris, S. MKings Cour | 1997 Canada | 45 | -64.7 N | | 0 |
| 50 | Ranunculu | Harris, S. MKings Cour | 1997 Canada | 45 | -64.7 N | | 0 |
| 51 | Ranunculu | Harris, S. MKings Cour | 1997 Canada | 45 | -64.7 N | | 0 |
| 52 | Ranunculu | Harris, S. MKings Cour | 1997 Canada | 45 | -64.7 N | | 0 |
| 53 | Primula vul | Ewald, A. ZBest nonhy | 1997 Germany | 50.96667 | 11.01667 N | | 7 |
| 54 | Tsuga mert | El-KassabyHoodoo Cr | 1979 Canada | 51.33333 | -125.533 N | | 0 |
| 55 | Tsuga mert | El-KassabyHoodoo Cr | 1979 Canada | 51.33333 | -125.533 N | | 28 |
| 56 | Tsuga mert | El-KassabyGarbage C | 1982 Canada | 48.55 | -124.1 N | | 28 |
| 57 | Tsuga mert | El-KassabyGarbage C | 1982 Canada | 48.55 | -124.1 N | | 0 |
| 58 | Tsuga mert | El-KassabyHkusam Mt | 1982 Canada | 50.33333 | -125.833 N | | 28 |
| 59 | Tsuga mert | El-KassabyHkusam Mt | 1982 Canada | 50.33333 | -125.833 N | | 0 |
| 60 | Tsuga mert | El-KassabyHkusam Mt | 1982 Canada | 50.33333 | -125.833 N | | 0 |

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|----|-----------------------------------|------|---------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | MiscanthusNie, G., et ;Sichuan, C | 2010 | China | 30 | 102.45 N | 0 |
| 4 | MiscanthusNie, G., et ;Sichuan, C | 2010 | China | 29.88333 | 103.35 N | 28 |
| 5 | Tsuga mertEl-KassabyKearsley C | 1982 | Canada | 49.31667 | -122.367 N | 0 |
| 6 | Tsuga mertEl-KassabyKearsley C | 1982 | Canada | 49.31667 | -122.367 N | 28 |
| 7 | Tsuga mertEl-KassabyPort Alice, I | 1982 | Canada | 50.4 | -127.45 N | 0 |
| 8 | Tsuga mertEl-KassabyPort Alice, I | 1982 | Canada | 50.4 | -127.45 N | 28 |
| 9 | Tsuga mertEl-KassabySale Mt., B | 1988 | Canada | 51.16667 | -118.167 N | 0 |
| 10 | Tsuga mertEl-KassabySale Mt., B | 1988 | Canada | 51.16667 | -118.167 N | 28 |
| 11 | Tsuga mertEl-KassabyLyon Lake, | 1982 | Canada | 49.65 | -123.9 N | 0 |
| 12 | Tsuga mertEl-KassabyLyon Lake, | 1982 | Canada | 49.65 | -123.9 N | 28 |
| 13 | Tsuga mertEl-KassabyHanna Ridg | 1990 | Canada | 56.3 | -129.333 N | 0 |
| 14 | Tsuga mertEl-KassabyHanna Ridg | 1990 | Canada | 56.3 | -129.333 N | 28 |
| 15 | Picea glaucDownie, B. Hawk Hills, | 1979 | Canada | 57.58333 | -117.617 N | 0 |
| 16 | Picea glaucDownie, B. High Level, | 1995 | Canada | 58.46667 | -117.267 N | 0 |
| 17 | Picea glaucDownie, B. High Level, | 1988 | Canada | 57.58333 | -117.617 N | 0 |
| 18 | Picea glaucDownie, B. High Level, | 1988 | Canada | 57.58333 | -117.617 N | 0 |
| 19 | Picea glaucDownie, B. Bear River, | 1979 | Canada | 57.58333 | -117.617 N | 0 |
| 20 | Picea glaucDownie, B. Paddle Pra | 1987 | Canada | 57.58333 | -117.617 N | 0 |
| 21 | Betula papBrunvatne, Old Ridge M | 1997 | USA | 45.13333 | -67.2 N | 0 |
| 22 | Galium apaMennan, H Winter pop | 2000 | Turkey | 41.26667 | 36.3 N | 0 |
| 23 | Bromus tecBauer, M. (Potosi Pass | 1995 | USA | 35.98333 | -115.517 N | 126 |
| 24 | Bromus tecBeckstead, Potosi Pass | 1992 | USA | 35.98333 | -115.517 N | 0 |
| 25 | Bromus tecBauer, M. (Potosi Pass | 1995 | USA | 35.98333 | -115.517 N | 126 |
| 26 | Bromus tecBeckstead, Potosi Pass | 1992 | USA | 35.98333 | -115.517 N | 0 |
| 27 | Bromus tecBeckstead, Potosi Pass | 1992 | USA | 35.98333 | -115.517 N | 0 |
| 28 | Bromus tecBauer, M. (Potosi Pass | 1995 | USA | 35.98333 | -115.517 N | 0 |
| 29 | Bromus tecBauer, M. (Potosi Pass | 1995 | USA | 35.98333 | -115.517 N | 0 |
| 30 | Bromus tecBeckstead, Potosi Pass | 1992 | USA | 35.98333 | -115.517 N | 0 |
| 31 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 0 |
| 32 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 70 |
| 33 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 0 |
| 34 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 0 |
| 35 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 0 |
| 36 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 70 |
| 37 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 0 |
| 38 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 70 |
| 39 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 70 |
| 40 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 70 |
| 41 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 0 |
| 42 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 70 |
| 43 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 70 |
| 44 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 0 |
| 45 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 0 |
| 46 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 0 |
| 47 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 70 |
| 48 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 70 |
| 49 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 0 |
| 50 | Ageratina aWalck, J. L Nicholas C | 1994 | USA | 38.33333 | -84.0333 N | 70 |
| 51 | Carex remcSch♦tz, WKiel, Germa | 1993 | Germany | 54.36667 | 10.16667 N | 180 |
| 52 | Carex remcSch♦tz, WKiel, Germa | 1993 | Germany | 54.36667 | 10.16667 N | 180 |
| 53 | Carex remcSch♦tz, WKiel, Germa | 1993 | Germany | 54.36667 | 10.16667 N | 180 |
| 54 | Carex remcSch♦tz, WKiel, Germa | 1993 | Germany | 54.36667 | 10.16667 N | 180 |
| 55 | Carex remcSch♦tz, WKiel, Germa | 1993 | Germany | 54.36667 | 10.16667 N | 180 |
| 56 | Carex remcSch♦tz, WKiel, Germa | 1993 | Germany | 54.36667 | 10.16667 N | 180 |
| 57 | Carex remcSch♦tz, WKiel, Germa | 1993 | Germany | 54.36667 | 10.16667 N | 180 |
| 58 | Carex remcSch♦tz, WKiel, Germa | 1993 | Germany | 54.36667 | 10.16667 N | 180 |
| 59 | Carex remcSch♦tz, WKiel, Germa | 1993 | Germany | 54.36667 | 10.16667 N | 180 |
| 60 | Carex remcSch♦tz, WKiel, Germa | 1993 | Germany | 54.36667 | 10.16667 N | 180 |

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|----|-------------------------------------|--------------|----------|------------|-----|
| 1 | | | | | |
| 2 | | | | | |
| 3 | Carex remcSch♦tz, WKiel, Germa | 1993 Germany | 54.36667 | 10.16667 N | 180 |
| 4 | Carex remcSch♦tz, WKiel, Germa | 1993 Germany | 54.36667 | 10.16667 N | 180 |
| 5 | Lapsana ccMilberg, P. Normlosa, (| 1996 Sweden | 58.4 | 15.21667 N | 0 |
| 6 | Lapsana ccMilberg, P. Normlosa, (| 1996 Sweden | 58.4 | 15.21667 N | 0 |
| 7 | Bromus tecMeyer, S. EStrawberry, | 1996 USA | 40.16667 | -110.65 N | 0 |
| 8 | Bromus tecMeyer, S. EStrawberry, | 1996 USA | 40.16667 | -110.65 N | 0 |
| 9 | Bromus tecMeyer, S. EStrawberry, | 1996 USA | 40.16667 | -110.65 N | 0 |
| 10 | Bromus tecMeyer, S. EStrawberry, | 1996 USA | 40.16667 | -110.65 N | 0 |
| 11 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 210 |
| 12 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 0 |
| 13 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 210 |
| 14 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 0 |
| 15 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 0 |
| 16 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 210 |
| 17 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 210 |
| 18 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 0 |
| 19 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 210 |
| 20 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 210 |
| 21 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 210 |
| 22 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 210 |
| 23 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 0 |
| 24 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 0 |
| 25 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 0 |
| 26 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 210 |
| 27 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 0 |
| 28 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 210 |
| 29 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 0 |
| 30 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 210 |
| 31 | Reynoutria Nishitani, SMt Fuji, Jap | 1985 Japan | 35.35 | 138.7167 N | 0 |
| 32 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 210 |
| 33 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 0 |
| 34 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 0 |
| 35 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 0 |
| 36 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 210 |
| 37 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 0 |
| 38 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 210 |
| 39 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 210 |
| 40 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 210 |
| 41 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 0 |
| 42 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 0 |
| 43 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 210 |
| 44 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 0 |
| 45 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 210 |
| 46 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 210 |
| 47 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 0 |
| 48 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 210 |
| 49 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 0 |
| 50 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 210 |
| 51 | Reynoutria Nishitani, SShizuoka, c | 1985 Japan | 35.05 | 138.3833 N | 0 |
| 52 | TaraxacumLetchamo, Offstein, Ge | 1993 Germany | 49.6 | 8.233333 N | 0 |
| 53 | Pilea pumil:Leck, M. A.Hamilton M | 1995 USA | 40.15 | -74.7 N | 0 |
| 54 | Impatiens cLeck, M. A.Hamilton M | 1995 USA | 40.15 | -74.7 N | 0 |
| 55 | Pilea pumil:Leck, M. A.Hamilton M | 1995 USA | 40.15 | -74.7 N | 252 |
| 56 | Phalaris arLeck, M. A.Hamilton M | 1995 USA | 40.15 | -74.7 N | 252 |
| 57 | Phalaris arLeck, M. A.Hamilton M | 1995 USA | 40.15 | -74.7 N | 0 |
| 58 | Populus treJaderlund, Alidhem, S | 1995 Sweden | 63.8 | 20.3 N | 0 |
| 59 | Galium apaMennan, H Spring popi | 2000 Turkey | 41.26667 | 36.3 N | 0 |
| 60 | | | | | |

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|----|-------------|-------------------------|-------------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Betula pen | Jaderlund, Mattismyra | 1995 Norway | 65.43333 | 13.43333 N | 0 |
| 4 | Picea abies | Jaderlund, Lillpite, Sw | 1995 Sweden | 65.36667 | 21.15 N | 0 |
| 5 | Pinus sylve | Jaderlund, Skaholma, | 1995 Sweden | 64.3 | 19.73333 N | 0 |
| 6 | Bromus tec | Goodwin, JCombs Flat | 1995 USA | 44.3 | -120.817 N | 0 |
| 7 | Bromus tec | Goodwin, JCombs Flat | 1995 USA | 44.3 | -120.817 N | 0 |
| 8 | Festuca id | Goodwin, JCombs Flat | 1995 USA | 44.3 | -120.817 N | 0 |
| 9 | Bromus tec | Goodwin, JCombs Flat | 1995 USA | 44.3 | -120.817 N | 0 |
| 10 | Festuca id | Goodwin, JCombs Flat | 1995 USA | 44.3 | -120.817 N | 0 |
| 11 | Festuca id | Goodwin, JCombs Flat | 1995 USA | 44.3 | -120.817 N | 0 |
| 12 | Bromus tec | Goodwin, JLone Pine, | 1995 USA | 42.58333 | -121.633 N | 0 |
| 13 | Bromus tec | Goodwin, JLone Pine, | 1995 USA | 42.58333 | -121.633 N | 0 |
| 14 | Bromus tec | Goodwin, JLone Pine, | 1995 USA | 42.58333 | -121.633 N | 0 |
| 15 | Festuca id | Goodwin, JLone Pine, | 1995 USA | 42.58333 | -121.633 N | 0 |
| 16 | Festuca id | Goodwin, JLone Pine, | 1995 USA | 42.58333 | -121.633 N | 0 |
| 17 | Festuca id | Goodwin, JLone Pine, | 1995 USA | 42.58333 | -121.633 N | 0 |
| 18 | Bromus tec | Goodwin, JBlanchard, | 1995 USA | 45.33333 | -122.617 N | 0 |
| 19 | Festuca id | Goodwin, JBlanchard, | 1995 USA | 45.33333 | -122.617 N | 0 |
| 20 | Festuca id | Goodwin, JBlanchard, | 1995 USA | 45.33333 | -122.617 N | 0 |
| 21 | Bromus tec | Goodwin, JBlanchard, | 1995 USA | 45.33333 | -122.617 N | 0 |
| 22 | Festuca id | Goodwin, JBlanchard, | 1995 USA | 45.33333 | -122.617 N | 0 |
| 23 | Bromus tec | Goodwin, JBlanchard, | 1995 USA | 45.33333 | -122.617 N | 0 |
| 24 | Festuca id | Goodwin, JBlanchard, | 1995 USA | 45.33333 | -122.617 N | 0 |
| 25 | Bromus tec | Goodwin, JMcCain, Or | 1989 USA | 45.03333 | -123.217 N | 182 |
| 26 | Bromus tec | Goodwin, JMcCain, Or | 1995 USA | 42 | -120.633 N | 0 |
| 27 | Bromus tec | Goodwin, JMcCain, Or | 1995 USA | 42 | -120.633 N | 0 |
| 28 | Festuca id | Goodwin, JMcCain, Or | 1995 USA | 42 | -120.633 N | 0 |
| 29 | Festuca id | Goodwin, JMcCain, Or | 1995 USA | 42 | -120.633 N | 0 |
| 30 | Festuca id | Goodwin, JMcCain, Or | 1995 USA | 42 | -120.633 N | 0 |
| 31 | Festuca id | Goodwin, JMcCain, Or | 1989 USA | 45.03333 | -123.217 N | 0 |
| 32 | Bromus tec | Goodwin, JMcCain, Or | 1995 USA | 42 | -120.633 N | 0 |
| 33 | Vaccinium | Ehlenfeldt, Cv Bluecro | 1995 USA | 39.81667 | -74.5333 N | 0 |
| 34 | Picea glauc | Downie, B. Slava Lake | 1995 Canada | 57 | -114.833 N | 0 |
| 35 | Abies amat | Davidson, IRonning Cr | 1995 Canada | 50.73333 | -128 N | 28 |
| 36 | Abies amat | Davidson, IRonning Cr | 1995 Canada | 50.73333 | -128 N | 0 |
| 37 | Taraxacum | Masin, R., (Padova Un | 2011 Italy | 45.35 | 11.96667 N | 0 |
| 38 | Taraxacum | Masin, R., (Padova Un | 2011 Italy | 45.35 | 11.96667 N | 0 |
| 39 | Taraxacum | Masin, R., (Padova Un | 2011 Italy | 45.35 | 11.96667 N | 0 |
| 40 | Taraxacum | Masin, R., (Padova Un | 2011 Italy | 45.35 | 11.96667 N | 0 |
| 41 | Taraxacum | Masin, R., (Padova Un | 2011 Italy | 45.35 | 11.96667 N | 0 |
| 42 | Taraxacum | Masin, R., (Padova Un | 2011 Italy | 45.35 | 11.96667 N | 0 |
| 43 | Taraxacum | Masin, R., (Padova Un | 2011 Italy | 45.35 | 11.96667 N | 0 |
| 44 | Taraxacum | Masin, R., (Padova Un | 2011 Italy | 45.35 | 11.96667 N | 0 |
| 45 | Taraxacum | Masin, R., (Padova Un | 2011 Italy | 45.35 | 11.96667 N | 0 |
| 46 | Taraxacum | Masin, R., (Padova Un | 2011 Italy | 45.35 | 11.96667 N | 0 |
| 47 | Taraxacum | Masin, R., (Padova Un | 2011 Italy | 45.35 | 11.96667 N | 0 |
| 48 | Taraxacum | Masin, R., (Padova Un | 2011 Italy | 45.35 | 11.96667 N | 0 |
| 49 | Taraxacum | Masin, R., (Padova Un | 2011 Italy | 45.35 | 11.96667 N | 0 |
| 50 | Taraxacum | Masin, R., (Padova Un | 2011 Italy | 45.35 | 11.96667 N | 0 |
| 51 | Taraxacum | Masin, R., (Padova Un | 2011 Italy | 45.35 | 11.96667 N | 0 |
| 52 | Taraxacum | Masin, R., (Padova Un | 2011 Italy | 45.35 | 11.96667 N | 0 |
| 53 | Abies amat | Davidson, IHathaway C | 1995 Canada | 50.71667 | -124.433 N | 28 |
| 54 | Abies amat | Davidson, IHathaway C | 1995 Canada | 50.71667 | -124.433 N | 0 |
| 55 | Abies amat | Davidson, ISebalhall C | 1995 Canada | 49.95 | -126.417 N | 28 |
| 56 | Abies amat | Davidson, ISebalhall C | 1995 Canada | 49.95 | -126.417 N | 0 |
| 57 | Abies amat | Davidson, IMaquila Cr | 1995 Canada | 50.06667 | -126.35 N | 0 |
| 58 | Abies amat | Davidson, IMaquila Cr | 1995 Canada | 50.06667 | -126.35 N | 28 |
| 59 | Abies amat | Davidson, IFleet River, | 1995 Canada | 50.65 | -124.1 N | 28 |
| 60 | | | | | | |

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|----|------------------------------------|-----------------|----------|------------|--|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Abies amatDavidson, IFleet River, | 1995 Canada | 50.65 | -124.1 N | | 0 |
| 4 | Abies amatDavidson, IMystery Cr | 1995 Canada | 50.8 | -128.15 N | | 0 |
| 5 | Abies amatDavidson, IMystery Cr | 1995 Canada | 50.8 | -128.15 N | | 28 |
| 6 | Bromus tecBeckstead, Whiterocks | 1993 USA | 40.45 | -109.917 N | | 0 |
| 7 | Bromus tecBeckstead, Whiterocks | 1993 USA | 40.45 | -109.917 N | | 0 |
| 8 | Bromus tecBeckstead, Whiterocks | 1993 USA | 40.45 | -109.917 N | | 0 |
| 9 | Bromus tecBeckstead, Whiterocks | 1993 USA | 40.45 | -109.917 N | | 0 |
| 10 | Bromus tecBeckstead, Castle Roc | 1993 USA | 39.36667 | -104.833 N | | 0 |
| 11 | Bromus tecBeckstead, Castle Roc | 1993 USA | 39.36667 | -104.833 N | | 0 |
| 12 | Bromus tecBeckstead, Castle Roc | 1993 USA | 39.36667 | -104.833 N | | 0 |
| 13 | Bromus tecBeckstead, Castle Roc | 1993 USA | 39.36667 | -104.833 N | | 0 |
| 14 | Bromus tecBeckstead, Hobble Cre | 1992 USA | 40.15 | -111.6 N | | 0 |
| 15 | Bromus tecBeckstead, Hobble Cre | 1992 USA | 40.15 | -111.6 N | | 0 |
| 16 | Bromus tecBeckstead, Hobble Cre | 1992 USA | 40.15 | -111.6 N | | 0 |
| 17 | Bromus tecBeckstead, Hobble Cre | 1992 USA | 40.15 | -111.6 N | | 0 |
| 18 | Rosa multifYambe, Y. Faculty of / | 1991 Japan | 38.25 | 140.8333 N | | 0 |
| 19 | Rosa multifYambe, Y. Faculty of / | 1991 Japan | 38.25 | 140.8333 N | | 0 |
| 20 | Salix alba VansplundNijmegen, I | 1994 Netherland | 51.86667 | 6.116667 N | | 0 |
| 21 | Salix alba VansplundNijmegen, I | 1994 Netherland | 51.86667 | 6.116667 N | | 0 |
| 22 | Salix alba VansplundNijmegen, I | 1994 Netherland | 51.86667 | 6.116667 N | | 0 |
| 23 | Salix alba VansplundNijmegen, I | 1994 Netherland | 51.86667 | 6.116667 N | | 0 |
| 24 | Salix alba VansplundNijmegen, I | 1994 Netherland | 51.86667 | 6.116667 N | | 0 |
| 25 | Salix alba VansplundNijmegen, I | 1994 Netherland | 51.86667 | 6.116667 N | | 0 |
| 26 | PseudotsuMcCartan, seed lot 03 | 2008 USA | 43.03333 | -107.6 N | | 224 |
| 27 | Origanum vThanos, C. Mournies, C | 1992 Greece | 35.48333 | 24 N | | 0 |
| 28 | Origanum vThanos, C. Mournies, C | 1992 Greece | 35.48333 | 24 N | | 0 |
| 29 | Origanum vThanos, C. Mournies, C | 1992 Greece | 35.48333 | 24 N | | 0 |
| 30 | Origanum vThanos, C. Mournies, C | 1992 Greece | 35.48333 | 24 N | | 0 |
| 31 | Origanum vThanos, C. Mournies, C | 1992 Greece | 35.48333 | 24 N | | 0 |
| 32 | Origanum vThanos, C. Mournies, C | 1992 Greece | 35.48333 | 24 N | | 0 |
| 33 | Origanum vThanos, C. Mournies, C | 1992 Greece | 35.48333 | 24 N | | 0 |
| 34 | Origanum vThanos, C. Mournies, C | 1992 Greece | 35.48333 | 24 N | | 0 |
| 35 | Origanum vThanos, C. Mournies, C | 1992 Greece | 35.48333 | 24 N | | 0 |
| 36 | Origanum vThanos, C. Mournies, C | 1992 Greece | 35.48333 | 24 N | | 0 |
| 37 | Origanum vThanos, C. Mournies, C | 1992 Greece | 35.48333 | 24 N | | 0 |
| 38 | Origanum vThanos, C. Mournies, C | 1992 Greece | 35.48333 | 24 N | | 0 |
| 39 | Daboecia cGonzlez-RMonte Cast | 1994 Spain | 42.73333 | -8.63333 N | | 45 |
| 40 | Calluna vulGonzlez-RMonte Cast | 1994 Spain | 42.73333 | -8.63333 N | | 45 |
| 41 | Osmorhiza Baskin, C. (Loafer Can | 1991 USA | 40.01667 | -111.667 N | | 0 |
| 42 | Osmorhiza Baskin, C. (Loafer Can | 1991 USA | 40.01667 | -111.667 N | | 0 |
| 43 | Osmorhiza Baskin, C. (Loafer Can | 1991 USA | 40.01667 | -111.667 N | | 0 |
| 44 | Osmorhiza Baskin, C. (Loafer Can | 1991 USA | 40.01667 | -111.667 N | | 0 |
| 45 | Primula verMilberg, P. Akerby, Up | 1993 Sweden | 60.41667 | 17.75 N | | 120 |
| 46 | Primula verMilberg, P. Akerby, Up | 1993 Sweden | 60.41667 | 17.75 N | | 120 |
| 47 | Primula verMilberg, P. Akerby, Up | 1993 Sweden | 60.41667 | 17.75 N | | 120 |
| 48 | Primula verMilberg, P. Akerby, Up | 1993 Sweden | 60.41667 | 17.75 N | | 120 |
| 49 | Primula verMilberg, P. Akerby, Up | 1993 Sweden | 60.41667 | 17.75 N | | 120 |
| 50 | Primula verMilberg, P. Akerby, Up | 1993 Sweden | 60.41667 | 17.75 N | | 120 |
| 51 | Primula verMilberg, P. Akerby, Up | 1993 Sweden | 60.41667 | 17.75 N | | 120 |
| 52 | Primula verMilberg, P. Akerby, Up | 1993 Sweden | 60.41667 | 17.75 N | | 120 |
| 53 | Primula verMilberg, P. Akerby, Up | 1993 Sweden | 60.41667 | 17.75 N | | 120 |
| 54 | Primula verMilberg, P. Akerby, Up | 1993 Sweden | 60.41667 | 17.75 N | | 120 |
| 55 | Primula verMilberg, P. Akerby, Up | 1993 Sweden | 60.41667 | 17.75 N | | 120 |
| 56 | Ficus caricLisci, M. (1Botanical C | 1992 Italy | 43.3 | 11.31667 N | | 0 |
| 57 | Ficus caricLisci, M. (1Botanical C | 1992 Italy | 43.3 | 11.31667 N | | 0 |
| 58 | Ficus caricLisci, M. (1Botanical C | 1992 Italy | 43.3 | 11.31667 N | | 0 |
| 59 | Ficus caricLisci, M. (1Botanical C | 1992 Italy | 43.3 | 11.31667 N | | 0 |
| 60 | Ficus caricLisci, M. (1Botanical C | 1992 Italy | 43.3 | 11.31667 N | | 0 |

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|--------------------------------------|---------------|----------|------------|-----|
| Ficus caricaLisci, M. (1)Botanical G | 1992 Italy | 43.3 | 11.31667 N | 0 |
| Ficus caricaLisci, M. (1)Botanical G | 1992 Italy | 43.3 | 11.31667 N | 0 |
| Ficus caricaLisci, M. (1)Botanical G | 1992 Italy | 43.3 | 11.31667 N | 0 |
| Festuca ovHardegree, Commercia | 1991 USA | 43.61667 | -116.217 N | 0 |
| Bromus tecHardegree, Commercia | 1991 USA | 43.61667 | -116.217 N | 0 |
| PseudoscleHardegree, Commercia | 1991 USA | 43.61667 | -116.217 N | 0 |
| Elymus elyiHardegree, Commercia | 1991 USA | 43.61667 | -116.217 N | 0 |
| Quercus ro Finch-SavaWellesbour | 1992 UK | 52.18333 | -1.6 Y | 0 |
| Quercus ro Finch-SavaWellesbour | 1991 UK | 52.18333 | -1.58333 N | 0 |
| Quercus ro Finch-SavaWellesbour | 1992 UK | 52.18333 | -1.6 N | 0 |
| Larix occideCarlson, C. Missoula, M | 1991 USA | 46.86667 | -114 N | 30 |
| Picea abiesBavcon, J. Jelovica 2, | 1993 Slovenia | 46.16667 | 14.15 N | 0 |
| Reynoutria Mariko, S. IUpland Mt I | 1989 Japan | 35.35 | 138.7167 N | 10 |
| Reynoutria Mariko, S. IUpland Mt I | 1989 Japan | 35.35 | 138.7167 N | 10 |
| Reynoutria Mariko, S. IUpland Mt I | 1989 Japan | 35.35 | 138.7167 N | 10 |
| Robinia pseMasaka, K. Iwamizawa | 2006 Japan | 43.16667 | 141.8 N | 180 |
| Robinia pseMasaka, K. Iwamizawa | 2006 Japan | 43.16667 | 141.8 N | 0 |
| Robinia pseMasaka, K. Iwamizawa | 2006 Japan | 43.16667 | 141.8 N | 180 |
| Robinia pseMasaka, K. Iwamizawa | 2006 Japan | 43.16667 | 141.8 N | 180 |
| Robinia pseMasaka, K. Iwamizawa | 2006 Japan | 43.16667 | 141.8 Y | 0 |
| Pinus resin Flannigan, Alexander I | 1983 Canada | 48.66667 | -54.1 N | 0 |
| Pinus resin Flannigan, Alexander I | 1983 Canada | 48.66667 | -54.1 N | 0 |
| Pinus resin Flannigan, Alexander I | 1983 Canada | 48.66667 | -54.1 N | 0 |
| Pinus resin Flannigan, Alexander I | 1983 Canada | 48.66667 | -54.1 N | 0 |
| Pinus resin Flannigan, Alexander I | 1983 Canada | 48.66667 | -54.1 N | 14 |
| Pinus resin Flannigan, Alexander I | 1983 Canada | 48.66667 | -54.1 N | 0 |
| Pinus resin Flannigan, Alexander I | 1983 Canada | 48.66667 | -54.1 N | 0 |
| Pinus resin Flannigan, Alexander I | 1983 Canada | 48.66667 | -54.1 N | 0 |
| Pinus resin Flannigan, Alexander I | 1983 Canada | 48.66667 | -54.1 N | 14 |
| Pinus resin Flannigan, Alexander I | 1983 Canada | 48.66667 | -54.1 N | 14 |
| Pinus resin Flannigan, Alexander I | 1983 Canada | 48.66667 | -54.1 N | 14 |
| Pinus resin Flannigan, Alexander I | 1983 Canada | 48.66667 | -54.1 N | 14 |
| Pinus resin Flannigan, Alexander I | 1983 Canada | 48.66667 | -54.1 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 0 |
| Pinus resin Flannigan, Chalk Rivei | 1989 Canada | 46.01667 | -77.45 N | 14 |
| Pinus resin Flannigan, Chalk Rivei</ | | | | |

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|----|--|-------------|----------|------------|--|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Pinus resin Flannigan, Upper Peni | 1990 USA | 46.25 | -87.2833 N | | 14 |
| 4 | Pinus resin Flannigan, Upper Peni | 1990 USA | 46.25 | -87.2833 N | | 0 |
| 5 | Pinus resin Flannigan, Upper Peni | 1990 USA | 46.25 | -87.2833 N | | 0 |
| 6 | Picea marie Wang, Z. M Peatland 1, | 1991 Canada | 55.13333 | -114.25 N | | 0 |
| 7 | Picea marie Wang, Z. M Peatland 1, | 1991 Canada | 55.13333 | -114.25 N | | 0 |
| 8 | Picea marie Wang, Z. M Peatland 1, | 1991 Canada | 55.13333 | -114.25 N | | 0 |
| 9 | Picea marie Wang, Z. M Upland 1, A | 1991 Canada | 55.13333 | -114.25 N | | 0 |
| 10 | Picea marie Wang, Z. M Upland 1, A | 1991 Canada | 55.13333 | -114.25 N | | 0 |
| 11 | Picea marie Wang, Z. M Upland 1, A | 1991 Canada | 55.13333 | -114.25 N | | 0 |
| 12 | Picea marie Wang, Z. M Peatland 2, | 1991 Canada | 55.03333 | -114.033 N | | 0 |
| 13 | Picea marie Wang, Z. M Peatland 2, | 1991 Canada | 55.03333 | -114.033 N | | 0 |
| 14 | Picea marie Wang, Z. M Peatland 2, | 1991 Canada | 55.03333 | -114.033 N | | 0 |
| 15 | Picea marie Wang, Z. M Upland 2, A | 1991 Canada | 55.03333 | -114.033 N | | 0 |
| 16 | Picea marie Wang, Z. M Upland 2, A | 1991 Canada | 55.03333 | -114.033 N | | 0 |
| 17 | Picea marie Wang, Z. M Upland 2, A | 1991 Canada | 55.03333 | -114.033 N | | 0 |
| 18 | Picea marie Wang, Z. M Peatland 3, | 1991 Canada | 53.41667 | -116.017 N | | 0 |
| 19 | Picea marie Wang, Z. M Peatland 3, | 1991 Canada | 53.41667 | -116.017 N | | 0 |
| 20 | Picea marie Wang, Z. M Peatland 3, | 1991 Canada | 53.41667 | -116.017 N | | 0 |
| 21 | Picea marie Wang, Z. M Upland 3, A | 1991 Canada | 53.41667 | -116.017 N | | 0 |
| 22 | Picea marie Wang, Z. M Upland 3, A | 1991 Canada | 53.41667 | -116.017 N | | 0 |
| 23 | Picea marie Wang, Z. M Upland 3, A | 1991 Canada | 53.41667 | -116.017 N | | 0 |
| 24 | Picea marie Wang, Z. M Upland 3, A | 1991 Canada | 53.41667 | -116.017 N | | 0 |
| 25 | Cercis canadensis Tipton, J. L Texas A&M | 1987 USA | 31.75 | -106.4 N | | 0 |
| 26 | Cercis canadensis Tipton, J. L Texas A&M | 1987 USA | 31.75 | -106.4 N | | 0 |
| 27 | Cercis canadensis Tipton, J. L Texas A&M | 1987 USA | 31.75 | -106.4 N | | 0 |
| 28 | Robinia pseudoacacia Masaka, K. Kami-Suna | 2006 Japan | 43.46667 | 142 N | | 0 |
| 29 | Robinia pseudoacacia Masaka, K. Kami-Suna | 2006 Japan | 43.46667 | 142 N | | 180 |
| 30 | Robinia pseudoacacia Masaka, K. Kami-Suna | 2006 Japan | 43.46667 | 142 N | | 180 |
| 31 | Robinia pseudoacacia Masaka, K. Kami-Suna | 2006 Japan | 43.46667 | 142 Y | | 0 |
| 32 | Robinia pseudoacacia Masaka, K. Kami-Suna | 2006 Japan | 43.46667 | 142 N | | 180 |
| 33 | Trifolium carolinense Russi, L. C Tel Hadya, | 1991 Syria | 36.01667 | 36.93333 N | | 0 |
| 34 | Trifolium carolinense Thomson, I Tel Hadya, | 1989 Syria | 36.01667 | 36.93333 Y | | 0 |
| 35 | Trifolium carolinense Thomson, I Tel Hadya, | 1989 Syria | 36.01667 | 36.93333 N | | 0 |
| 36 | Trifolium carolinense Russi, L. C Tel Hadya, | 1991 Syria | 36.01667 | 36.93333 Y | | 0 |
| 37 | Stellaria media Gange, A. (Silwood Pa | 1991 UK | 51.4 | ##### N | | 0 |
| 38 | Aquilegia canadensis Finnerty, T. Texas A&M | 1991 USA | 30.61667 | -96.3333 N | | 30 |
| 39 | Aquilegia canadensis Finnerty, T. Texas A&M | 1991 USA | 30.61667 | -96.3333 N | | 0 |
| 40 | Aquilegia canadensis Finnerty, T. Texas A&M | 1991 USA | 30.61667 | -96.3333 N | | 0 |
| 41 | Aquilegia canadensis Finnerty, T. Texas A&M | 1991 USA | 30.61667 | -96.3333 N | | 30 |
| 42 | Pinus contorta Downie, B. Clearwater, | 1991 Canada | 51.66667 | -119.933 N | | 0 |
| 43 | Pinus contorta Downie, B. Fort St Jarr | 1991 Canada | 54.5 | -124.25 N | | 0 |
| 44 | Pinus contorta Downie, B. Lake le Jea | 1991 Canada | 50.5 | -120.6 N | | 0 |
| 45 | Pinus contorta Downie, B. 1296, Cana | 1991 Canada | 54.18333 | -125.717 N | | 0 |
| 46 | Pinus contorta Downie, B. 2176, Cana | 1991 Canada | 50.91667 | -120.083 N | | 0 |
| 47 | Pinus banksiana Downie, B. Shinnickbu | 1991 Canada | 46.5 | -66 N | | 0 |
| 48 | Pinus banksiana Downie, B. Big River, C | 1991 Canada | 54.73333 | -107.2 N | | 0 |
| 49 | Robinia pseudoacacia Masaka, K. Bibai, Hokk | 2006 Japan | 43.3 | 141.8833 N | | 180 |
| 50 | Robinia pseudoacacia Masaka, K. Bibai, Hokk | 2006 Japan | 43.3 | 141.8833 N | | 180 |
| 51 | Robinia pseudoacacia Masaka, K. Bibai, Hokk | 2006 Japan | 43.3 | 141.8833 N | | 180 |
| 52 | Robinia pseudoacacia Masaka, K. Bibai, Hokk | 2006 Japan | 43.3 | 141.8833 Y | | 0 |
| 53 | Robinia pseudoacacia Masaka, K. Bibai, Hokk | 2006 Japan | 43.3 | 141.8833 N | | 0 |
| 54 | Pinus banksiana Downie, B. Lake la Roi | 1991 Canada | 55.2 | -105.3 N | | 0 |
| 55 | Cornus sericea Acharya, S Hazeldine, | 1984 Canada | 53.56667 | -110.433 N | | 30 |
| 56 | Quercus rubra Struve, D. I Ohio State | 1988 USA | 40 | -83.0167 N | | 0 |
| 57 | Phalaris arundinacea Shipley, B. Eastern Ca | 1988 Canada | 49.13333 | -80.3167 N | | 0 |
| 58 | Carex crinita Shipley, B. Eastern Ca | 1988 Canada | 49.13333 | -80.3167 N | | 0 |
| 59 | Juncus effusus Shipley, B. Eastern Ca | 1988 Canada | 49.13333 | -80.3167 N | | 0 |
| 60 | | | | | | |

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|----|--------------------------------------|------|------------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Origanum vvan ToorenVrakelberg | 1985 | Netherland | 50.86667 | 5.916667 N | 56 |
| 4 | Origanum vvan ToorenVrakelberg | 1985 | Netherland | 50.86667 | 5.916667 N | 56 |
| 5 | Origanum vvan ToorenVrakelberg | 1985 | Netherland | 50.86667 | 5.916667 N | 0 |
| 6 | Origanum vvan ToorenVrakelberg | 1985 | Netherland | 50.86667 | 5.916667 N | 0 |
| 7 | Origanum vvan ToorenVrakelberg | 1985 | Netherland | 50.86667 | 5.916667 N | 0 |
| 8 | Origanum vPons, T. L. Vrakelberg | 1984 | Netherland | 50.86667 | 5.916667 N | 150 |
| 9 | Origanum vvan ToorenVrakelberg | 1985 | Netherland | 50.86667 | 5.916667 N | 56 |
| 10 | Origanum vPons, T. L. Vrakelberg | 1984 | Netherland | 50.86667 | 5.916667 N | 150 |
| 11 | Origanum vvan ToorenVrakelberg | 1985 | Netherland | 50.86667 | 5.916667 N | 56 |
| 12 | Origanum vvan ToorenVrakelberg | 1985 | Netherland | 50.86667 | 5.916667 N | 0 |
| 13 | Origanum vPons, T. L. Vrakelberg | 1984 | Netherland | 50.86667 | 5.916667 N | 0 |
| 14 | Origanum vvan ToorenVrakelberg | 1985 | Netherland | 50.86667 | 5.916667 N | 0 |
| 15 | Origanum vvan ToorenVrakelberg | 1985 | Netherland | 50.86667 | 5.916667 N | 56 |
| 16 | Origanum vvan ToorenVrakelberg | 1985 | Netherland | 50.86667 | 5.916667 N | 0 |
| 17 | Origanum vvan ToorenVrakelberg | 1985 | Netherland | 50.86667 | 5.916667 N | 56 |
| 18 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 19 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 20 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 21 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 22 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 23 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 24 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 25 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 26 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 27 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 28 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 29 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 30 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 31 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 32 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 33 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 34 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 35 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 36 | Pinus dens Kashiwagi, Sugadaira, | 1984 | Japan | 36.5 | 138.3333 N | 0 |
| 37 | Pinus strobGeneve, R.New Bruns' | 1987 | Canada | 46.91667 | -67.3833 N | 0 |
| 38 | Pinus strobGeneve, R.New Bruns' | 1987 | Canada | 46.91667 | -67.3833 N | 28 |
| 39 | Pinus pondWeber, J. (Central Ore | 1981 | USA | 43.81667 | -120.7 N | 15 |
| 40 | Pinus pondWeber, J. (Central Ore | 1981 | USA | 43.81667 | -120.7 N | 15 |
| 41 | Pinus pondWeber, J. (Central Ore | 1981 | USA | 43.81667 | -120.7 N | 15 |
| 42 | Pinus pondWeber, J. (Central Ore | 1981 | USA | 43.81667 | -120.7 N | 120 |
| 43 | Pinus pondWeber, J. (Central Ore | 1981 | USA | 43.81667 | -120.7 N | 120 |
| 44 | Pinus pondWeber, J. (Central Ore | 1981 | USA | 43.81667 | -120.7 N | 120 |
| 45 | Pinus pondWeber, J. (Central Ore | 1981 | USA | 43.81667 | -120.7 N | 15 |
| 46 | Pinus pondWeber, J. (Central Ore | 1981 | USA | 43.81667 | -120.7 N | 120 |
| 47 | Corylus avæLi, L. I. R., .Whiteknigh | 1989 | UK | 51.43333 | ##### N | 56 |
| 48 | Corylus avæLi, L. I. R., .Whiteknigh | 1989 | UK | 51.43333 | ##### N | 7 |
| 49 | Artemisia trMeyer, S. ECaliente, N | 1989 | USA | 37.61667 | -114.717 N | 0 |
| 50 | Artemisia trMeyer, S. ECaliente, N | 1989 | USA | 37.61667 | -114.717 N | 0 |
| 51 | Artemisia trMeyer, S. ECaliente, N | 1989 | USA | 37.61667 | -114.717 N | 0 |
| 52 | Artemisia trMeyer, S. ECaliente, N | 1989 | USA | 37.61667 | -114.717 N | 14 |
| 53 | Artemisia trMeyer, S. ECaliente, N | 1989 | USA | 37.61667 | -114.717 N | 0 |
| 54 | Artemisia trMeyer, S. ECaliente, N | 1989 | USA | 37.61667 | -114.717 N | 14 |
| 55 | Alliaria petiYasin, M. aSnubbekor | 2017 | Denmark | 55.63333 | 12.28333 N | 0 |
| 56 | Pinus sylveKune◆, I., Plzen, Cze | 2009 | Czech Rep | 49.73333 | 13.36667 N | 0 |
| 57 | Picea abiesKune◆, I., Plzen, Cze | 2009 | Czech Rep | 49.73333 | 13.36667 N | 0 |
| 58 | Quercus roKune◆, I., Plzen, Cze | 2009 | Czech Rep | 49.73333 | 13.36667 Y | 0 |
| 59 | Picea glaucCaron, G. EPetawawa, | 1984 | Canada | 46.08333 | -77.4333 N | 0 |
| 60 | | | | | | |

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|----|---------------------|---------------------------|--------------|------|--------|------------------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | <i>Picea glauc</i> | Winston, D | Petawawa, | 1978 | Canada | 45.96667 -77.4167 N 0 |
| 4 | <i>Pinus resin</i> | Winston, D | Petawawa, | 1978 | Canada | 45.96667 -77.4167 N 0 |
| 5 | <i>Picea glauc</i> | Winston, D | Petawawa, | 1978 | Canada | 45.96667 -77.4167 N 21 |
| 6 | <i>Pinus bank</i> | Campbell, I | Petawawa, | 1978 | Canada | 45.86667 -77.3 N 0 |
| 7 | <i>Picea glauc</i> | Caron, G. E | Petawawa, | 1984 | Canada | 46.08333 -77.4333 N 42 |
| 8 | <i>Pinus bank</i> | Campbell, I | Petawawa, | 1978 | Canada | 45.86667 -77.3 N 0 |
| 9 | <i>Dioscorea t</i> | Terui, K. O. | Suzaki, Shi | 1986 | Japan | 34.65 138.9667 N 0 |
| 10 | <i>Dioscorea t</i> | Terui, K. O. | Suzaki, Shi | 1986 | Japan | 34.65 138.9667 N 30 |
| 11 | <i>Dioscorea t</i> | Terui, K. O. | Suzaki, Shi | 1986 | Japan | 34.65 138.9667 N 0 |
| 12 | <i>Dioscorea t</i> | Terui, K. O. | Suzaki, Shi | 1986 | Japan | 34.65 138.9667 N 0 |
| 13 | <i>Dioscorea t</i> | Terui, K. O. | Suzaki, Shi | 1986 | Japan | 34.65 138.9667 N 0 |
| 14 | <i>Dioscorea t</i> | Terui, K. O. | Suzaki, Shi | 1986 | Japan | 34.65 138.9667 N 0 |
| 15 | <i>Dioscorea t</i> | Terui, K. O. | Suzaki, Shi | 1986 | Japan | 34.65 138.9667 N 0 |
| 16 | <i>Dioscorea t</i> | Terui, K. O. | Suzaki, Shi | 1986 | Japan | 34.65 138.9667 N 0 |
| 17 | <i>Purshia trid</i> | Meyer, S. E | Intermounta | 1986 | USA | 40.21667 -111.633 N 14 |
| 18 | <i>Purshia trid</i> | Meyer, S. E | Intermounta | 1986 | USA | 40.21667 -111.633 N 28 |
| 19 | <i>Purshia trid</i> | Meyer, S. E | Intermounta | 1986 | USA | 40.21667 -111.633 N 14 |
| 20 | <i>Purshia trid</i> | Meyer, S. E | Intermounta | 1986 | USA | 40.21667 -111.633 N 28 |
| 21 | <i>Brucea jav</i> | Washitani, University F | | 1984 | Japan | 35.7 139.75 N 0 |
| 22 | <i>Brucea jav</i> | Washitani, University F | | 1984 | Japan | 35.7 139.75 Y 0 |
| 23 | <i>Cistus creti</i> | Thanos, C. University C | | 1982 | Greece | 37.93333 23.8 Y 0 |
| 24 | <i>Cistus creti</i> | Thanos, C. University C | | 1982 | Greece | 37.93333 23.8 N 0 |
| 25 | <i>Cistus creti</i> | Thanos, C. University C | | 1982 | Greece | 37.93333 23.8 N 0 |
| 26 | <i>Cistus creti</i> | Thanos, C. University C | | 1982 | Greece | 37.93333 23.8 Y 0 |
| 27 | <i>Cistus creti</i> | Thanos, C. University C | | 1982 | Greece | 37.93333 23.8 N 0 |
| 28 | <i>Cistus creti</i> | Thanos, C. University C | | 1982 | Greece | 37.93333 23.8 N 0 |
| 29 | <i>Cistus creti</i> | Thanos, C. University C | | 1982 | Greece | 37.93333 23.8 N 0 |
| 30 | <i>Cistus creti</i> | Thanos, C. University C | | 1982 | Greece | 37.93333 23.8 N 0 |
| 31 | <i>Cistus creti</i> | Thanos, C. University C | | 1982 | Greece | 37.93333 23.8 N 0 |
| 32 | <i>Cistus creti</i> | Thanos, C. University C | | 1982 | Greece | 37.93333 23.8 N 0 |
| 33 | <i>Cistus creti</i> | Thanos, C. University C | | 1982 | Greece | 37.93333 23.8 N 0 |
| 34 | <i>Cistus creti</i> | Thanos, C. University C | | 1982 | Greece | 37.93333 23.8 N 0 |
| 35 | <i>Cistus creti</i> | Thanos, C. University C | | 1982 | Greece | 37.93333 23.8 Y 0 |
| 36 | <i>Pinus bank</i> | Pitel, J. A. (Audrey Lak | | 1973 | Canada | 49.75 -94.1667 N 0 |
| 37 | <i>Picea glauc</i> | Nosko, P. E | Bracebridge | 1987 | Canada | 45.01667 -79.2833 N 0 |
| 38 | <i>Pinus contc</i> | Hellum, A. Grande Pr | | 1984 | Canada | 54.63333 -119.083 N 0 |
| 39 | <i>Pinus contc</i> | Hellum, A. Grande Pr | | 1984 | Canada | 54.63333 -119.083 N 42 |
| 40 | <i>Abies lasio</i> | Woodard, F | University c | 1986 | Canada | 53.51667 -113.517 N 21 |
| 41 | <i>Pinus contc</i> | Woodard, F | University c | 1986 | Canada | 53.51667 -113.517 N 21 |
| 42 | <i>Picea enge</i> | Woodard, F | University c | 1986 | Canada | 53.51667 -113.517 N 21 |
| 43 | <i>Rumex ace</i> | Escarr, J | Fontaineble | 1982 | France | 48.4 2.7 N 0 |
| 44 | <i>Rumex ace</i> | Escarr, J | Fontaineble | 1982 | France | 48.4 2.7 N 0 |
| 45 | <i>Rumex ace</i> | Escarr, J | Fontaineble | 1982 | France | 48.4 2.7 N 0 |
| 46 | <i>Rumex ace</i> | Escarr, J | Fontaineble | 1982 | France | 48.4 2.7 N 0 |
| 47 | <i>Rumex ace</i> | Escarr, J | Fontaineble | 1982 | France | 48.4 2.7 N 0 |
| 48 | <i>Rumex ace</i> | Escarr, J | Fontaineble | 1982 | France | 48.4 2.7 N 0 |
| 49 | <i>Pseudotsu</i> | Kune, I., Snoqualmie | | 2009 | USA | 47.51667 -121.833 N 0 |
| 50 | <i>Rumex ace</i> | Taylorson, Beltsville, M | | 1986 | USA | 39.03333 -76.9167 N 0 |
| 51 | <i>Rumex ace</i> | Taylorson, Beltsville, M | | 1986 | USA | 39.03333 -76.9167 N 0 |
| 52 | <i>Abies bals</i> | ScherbatskSchumache | | 1986 | USA | 41.73333 -70.4667 N 0 |
| 53 | <i>Betula alle</i> | ScherbatskSchumache | | 1986 | USA | 41.73333 -70.4667 N 0 |
| 54 | <i>Picea ruber</i> | ScherbatskSchumache | | 1986 | USA | 41.73333 -70.4667 N 0 |
| 55 | <i>Betula pap</i> | ScherbatskSchumache | | 1986 | USA | 41.73333 -70.4667 N 0 |
| 56 | <i>Acer pseud</i> | Pinfield, N. University c | | 1985 | UK | 51.45 -2.6 N 100 |
| 57 | <i>Acer pseud</i> | Pinfield, N. University c | | 1985 | UK | 51.45 -2.6 N 0 |
| 58 | <i>Pinus dens</i> | Washitani, Ibaraki, Ho | | 1983 | Japan | 36.28333 140.4167 N 0 |
| 59 | <i>Pinus dens</i> | Washitani, Ibaraki, Ho | | 1983 | Japan | 36.28333 140.4167 N 0 |
| 60 | | | | | | |

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|----|------------------------------------|--------------|----------|------------|----|--|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Pinus dens Washitani, Ibaraki, Ho | 1983 Japan | 36.28333 | 140.4167 N | 0 | |
| 4 | Pinus dens Washitani, Ibaraki, Ho | 1983 Japan | 36.28333 | 140.4167 N | 0 | |
| 5 | Pinus dens Washitani, Ibaraki, Ho | 1983 Japan | 36.28333 | 140.4167 N | 0 | |
| 6 | Pinus dens Washitani, Ibaraki, Ho | 1983 Japan | 36.28333 | 140.4167 N | 0 | |
| 7 | Pinus dens Washitani, Ibaraki, Ho | 1983 Japan | 36.28333 | 140.4167 N | 0 | |
| 8 | Pinus dens Washitani, Ibaraki, Ho | 1983 Japan | 36.28333 | 140.4167 N | 0 | |
| 9 | Pinus dens Washitani, Ibaraki, Ho | 1983 Japan | 36.28333 | 140.4167 N | 0 | |
| 10 | Pinus dens Washitani, Ibaraki, Ho | 1983 Japan | 36.28333 | 140.4167 N | 0 | |
| 11 | Pinus dens Washitani, Ibaraki, Ho | 1983 Japan | 36.28333 | 140.4167 N | 0 | |
| 12 | Pinus dens Washitani, Ibaraki, Ho | 1983 Japan | 36.28333 | 140.4167 N | 0 | |
| 13 | Pinus dens Washitani, Ibaraki, Ho | 1983 Japan | 36.28333 | 140.4167 N | 0 | |
| 14 | Pinus dens Washitani, Ibaraki, Ho | 1983 Japan | 36.28333 | 140.4167 N | 0 | |
| 15 | Pinus dens Washitani, Ibaraki, Ho | 1983 Japan | 36.28333 | 140.4167 N | 0 | |
| 16 | Pinus dens Washitani, Ibaraki, Ho | 1983 Japan | 36.28333 | 140.4167 N | 0 | |
| 17 | Pinus dens Washitani, Ibaraki, Ho | 1983 Japan | 36.28333 | 140.4167 N | 0 | |
| 18 | Pinus dens Washitani, Ibaraki, Ho | 1983 Japan | 36.28333 | 140.4167 N | 0 | |
| 19 | Abies amatLeadem, C 3636, Victo | 1985 Canada | 48.41667 | -123.35 N | 56 | |
| 20 | Abies amatLeadem, C 3636, Victo | 1985 Canada | 48.41667 | -123.35 N | 56 | |
| 21 | Abies amatLeadem, C 4217, Victo | 1985 Canada | 48.41667 | -123.35 N | 56 | |
| 22 | Abies amatLeadem, C 4217, Victo | 1985 Canada | 48.41667 | -123.35 N | 56 | |
| 23 | Abies amatLeadem, C 4293, Victo | 1985 Canada | 48.41667 | -123.35 N | 56 | |
| 24 | Abies amatLeadem, C 4293, Victo | 1985 Canada | 48.41667 | -123.35 N | 56 | |
| 25 | Abies amatLeadem, C 4347, Victo | 1985 Canada | 48.41667 | -123.35 N | 56 | |
| 26 | Abies amatLeadem, C 4347, Victo | 1985 Canada | 48.41667 | -123.35 N | 56 | |
| 27 | Abies amatLeadem, C 4348, Victo | 1985 Canada | 48.41667 | -123.35 N | 56 | |
| 28 | Abies amatLeadem, C 4348, Victo | 1985 Canada | 48.41667 | -123.35 N | 56 | |
| 29 | PhragmitesGalinato, MDelta Marsl | 1985 Canada | 50.18333 | -98.3167 N | 0 | |
| 30 | PhragmitesGalinato, MDelta Marsl | 1985 Canada | 50.18333 | -98.3167 N | 0 | |
| 31 | PhragmitesGalinato, MDelta Marsl | 1985 Canada | 50.18333 | -98.3167 N | 0 | |
| 32 | PhragmitesGalinato, MDelta Marsl | 1985 Canada | 50.18333 | -98.3167 N | 0 | |
| 33 | PhragmitesGalinato, MDelta Marsl | 1985 Canada | 50.18333 | -98.3167 N | 0 | |
| 34 | PhragmitesGalinato, MDelta Marsl | 1985 Canada | 50.18333 | -98.3167 N | 0 | |
| 35 | PhragmitesGalinato, MDelta Marsl | 1985 Canada | 50.18333 | -98.3167 N | 0 | |
| 36 | PhragmitesGalinato, MDelta Marsl | 1985 Canada | 50.18333 | -98.3167 N | 0 | |
| 37 | Securigera K♦Vendi-JNy♦rs♦g, | 2013 Hungary | 47.95 | 21.65 N | 30 | |
| 38 | Securigera K♦Vendi-JNy♦rs♦g, | 2013 Hungary | 47.95 | 21.65 N | 0 | |
| 39 | Betula pap)Bevington, 65B, Porcu | 1985 USA | 67.15 | -142.1 N | 0 | |
| 40 | Betula pap)Bevington, 65B, Porcu | 1985 USA | 67.15 | -142.1 N | 0 | |
| 41 | Betula pap)Bevington, 65B, Porcu | 1985 USA | 67.15 | -142.1 N | 0 | |
| 42 | Betula pap)Bevington, 65B, Porcu | 1985 USA | 67.15 | -142.1 N | 0 | |
| 43 | Betula pap)Bevington, 65B, Porcu | 1985 USA | 67.15 | -142.1 N | 0 | |
| 44 | Betula pap)Bevington, 65B, Porcu | 1985 USA | 67.15 | -142.1 N | 0 | |
| 45 | Betula pap)Bevington, 65B, Porcu | 1985 USA | 67.15 | -142.1 N | 0 | |
| 46 | Betula pap)Bevington, 65B, Porcu | 1985 USA | 67.15 | -142.1 N | 0 | |
| 47 | Betula pap)Bevington, 73B, White | 1985 USA | 44.28333 | -71.2833 N | 0 | |
| 48 | Betula pap)Bevington, 73B, White | 1985 USA | 44.28333 | -71.2833 N | 0 | |
| 49 | Betula pap)Bevington, 73B, White | 1985 USA | 44.28333 | -71.2833 N | 0 | |
| 50 | Betula pap)Bevington, 73B, White | 1985 USA | 44.28333 | -71.2833 N | 0 | |
| 51 | Betula pap)Bevington, 73B, White | 1985 USA | 44.28333 | -71.2833 N | 0 | |
| 52 | Betula pap)Bevington, 73B, White | 1985 USA | 44.28333 | -71.2833 N | 0 | |
| 53 | Betula pap)Bevington, 73B, White | 1985 USA | 44.28333 | -71.2833 N | 0 | |
| 54 | Stellaria mεBaskin, J. MFayette Co | 1982 USA | 38.03333 | -84.5 N | 90 | |
| 55 | Stellaria mεBaskin, J. MFayette Co | 1982 USA | 38.03333 | -84.5 N | 90 | |
| 56 | Stellaria mεBaskin, J. MFayette Co | 1982 USA | 38.03333 | -84.5 N | 90 | |
| 57 | Asarum carBaskin, J. MFayette Co | 1980 USA | 38.03333 | -84.5 N | 42 | |
| 58 | Asarum carBaskin, J. MFayette Co | 1980 USA | 38.03333 | -84.5 N | 0 | |
| 59 | Stellaria mεBaskin, J. MFayette Co | 1982 USA | 38.03333 | -84.5 N | 90 | |
| 60 | Stellaria mεBaskin, J. MFayette Co | 1982 USA | 38.03333 | -84.5 N | 90 | |

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|----|-------------|--------------|-------------|--------------|----------|----------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Stellaria m | Baskin, J. M | Fayette Co | 1982 USA | 38.03333 | -84.5 N 90 |
| 4 | Pinus mont | Pitel, J. A. | Adams Lak | 1970 Canada | 51.41667 | -119.5 N 0 |
| 5 | Pinus mont | Pitel, J. A. | Adams Lak | 1970 Canada | 51.41667 | -119.5 N 63 |
| 6 | Pinus mont | Pitel, J. A. | Adams Lak | 1970 Canada | 51.41667 | -119.5 N 63 |
| 7 | Pinus mont | Pitel, J. A. | Adams Lak | 1970 Canada | 51.41667 | -119.5 N 63 |
| 8 | Pinus mont | Pitel, J. A. | Adams Lak | 1970 Canada | 51.41667 | -119.5 N 0 |
| 9 | Pinus mont | Pitel, J. A. | Adams Lak | 1970 Canada | 51.41667 | -119.5 N 0 |
| 10 | Pinus mont | Pitel, J. A. | Adams Lak | 1970 Canada | 51.41667 | -119.5 N 0 |
| 11 | Pinus mont | Pitel, J. A. | Adams Lak | 1970 Canada | 51.41667 | -119.5 N 63 |
| 12 | Pinus mont | Pitel, J. A. | Jackson Co | 1965 USA | 43.01667 | -120.5 N 0 |
| 13 | Pinus mont | Pitel, J. A. | Jackson Co | 1965 USA | 43.01667 | -120.5 N 0 |
| 14 | Pinus mont | Pitel, J. A. | Jackson Co | 1965 USA | 43.01667 | -120.5 N 63 |
| 15 | Pinus mont | Pitel, J. A. | Jackson Co | 1965 USA | 43.01667 | -120.5 N 63 |
| 16 | Pinus mont | Pitel, J. A. | Jackson Co | 1965 USA | 43.01667 | -120.5 N 63 |
| 17 | Pinus mont | Pitel, J. A. | Jackson Co | 1965 USA | 43.01667 | -120.5 N 0 |
| 18 | Pinus mont | Pitel, J. A. | Jackson Co | 1965 USA | 43.01667 | -120.5 N 0 |
| 19 | Pinus mont | Pitel, J. A. | Jackson Co | 1965 USA | 43.01667 | -120.5 N 63 |
| 20 | Pinus mont | Pitel, J. A. | Jackson Co | 1965 USA | 43.01667 | -120.5 N 126 |
| 21 | Fraxinus e | Krauss, N. | Greifswald, | 1984 Germany | 54.08333 | 13.38333 N 0 |
| 22 | Heracleum | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 0 |
| 23 | Elymus gla | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 0 |
| 24 | Heracleum | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 0 |
| 25 | Elymus gla | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 0 |
| 26 | Bromus cili | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 0 |
| 27 | Bromus cili | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 0 |
| 28 | Heracleum | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 120 |
| 29 | Bromus cili | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 120 |
| 30 | Elymus gla | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 120 |
| 31 | Bromus cili | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 0 |
| 32 | Bromus cili | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 0 |
| 33 | Elymus gla | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 0 |
| 34 | Heracleum | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 0 |
| 35 | Heracleum | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 0 |
| 36 | Heracleum | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 0 |
| 37 | Elymus gla | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 120 |
| 38 | Elymus gla | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 0 |
| 39 | Bromus cili | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 0 |
| 40 | Bromus cili | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 120 |
| 41 | Elymus gla | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 0 |
| 42 | Heracleum | Hoffman, G | Routt Natio | 1981 USA | 40.55 | -106.683 N 120 |
| 43 | Festuca id | Doescher, I | Hampton 1 | 1984 USA | 45.68333 | -121.5 N 0 |
| 44 | Festuca id | Doescher, I | Hampton 1 | 1984 USA | 45.68333 | -121.5 N 0 |
| 45 | Festuca id | Doescher, I | Hampton 1 | 1984 USA | 45.68333 | -121.5 N 0 |
| 46 | Festuca id | Doescher, I | Hampton 1 | 1984 USA | 45.68333 | -121.5 N 0 |
| 47 | Festuca id | Doescher, I | Hampton 1 | 1984 USA | 45.68333 | -121.5 N 0 |
| 48 | Festuca id | Doescher, I | Hampton 1 | 1984 USA | 45.68333 | -121.5 N 0 |
| 49 | Festuca id | Doescher, I | Brothers, C | 1984 USA | 43.8 | -120.6 N 0 |
| 50 | Festuca id | Doescher, I | Brothers, C | 1984 USA | 43.8 | -120.6 N 0 |
| 51 | Festuca id | Doescher, I | Brothers, C | 1984 USA | 43.8 | -120.6 N 0 |
| 52 | Festuca id | Doescher, I | Brothers, C | 1984 USA | 43.8 | -120.6 N 0 |
| 53 | Festuca id | Doescher, I | Brothers, C | 1984 USA | 43.8 | -120.6 N 0 |
| 54 | Festuca id | Doescher, I | Brothers, C | 1984 USA | 43.8 | -120.6 N 0 |
| 55 | Festuca id | Doescher, I | Brothers, C | 1984 USA | 43.8 | -120.6 N 0 |
| 56 | Festuca id | Doescher, I | Hampton 2 | 1984 USA | 45.65 | -121.45 N 0 |
| 57 | Festuca id | Doescher, I | Hampton 2 | 1984 USA | 45.65 | -121.45 N 0 |
| 58 | Festuca id | Doescher, I | Hampton 2 | 1984 USA | 45.65 | -121.45 N 0 |
| 59 | Festuca id | Doescher, I | Hampton 2 | 1984 USA | 45.65 | -121.45 N 0 |
| 60 | Festuca id | Doescher, I | Hampton 2 | 1984 USA | 45.65 | -121.45 N 0 |

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|----|--|-----------------|----------|------------|--|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | <i>Festuca idæ</i> Doescher, IHampton 2 | 1984 USA | 45.65 | -121.45 N | | 0 |
| 4 | <i>Melica nuta</i> KolodziejekPodd?bice, | 2015 Poland | 52.51667 | 19.48333 N | | 112 |
| 5 | <i>Melica nuta</i> KolodziejekPodd?bice, | 2015 Poland | 52.51667 | 19.48333 N | | 112 |
| 6 | <i>Melica nuta</i> KolodziejekPodd?bice, | 2015 Poland | 52.51667 | 19.48333 N | | 0 |
| 7 | <i>Stachys off</i> KolodziejekPodd?bice, | 2015 Poland | 52.51667 | 19.48333 N | | 112 |
| 8 | <i>Stachys off</i> KolodziejekPodd?bice, | 2015 Poland | 52.51667 | 19.48333 N | | 112 |
| 9 | <i>Stachys off</i> KolodziejekPodd?bice, | 2015 Poland | 52.51667 | 19.48333 N | | 0 |
| 10 | <i>Festuca idæ</i> Doescher, IMillican, Or | 1984 USA | 43.86667 | -120.917 N | | 0 |
| 11 | <i>Festuca idæ</i> Doescher, IMillican, Or | 1984 USA | 43.86667 | -120.917 N | | 0 |
| 12 | <i>Festuca idæ</i> Doescher, IMillican, Or | 1984 USA | 43.86667 | -120.917 N | | 0 |
| 13 | <i>Festuca idæ</i> Doescher, IMillican, Or | 1984 USA | 43.86667 | -120.917 N | | 0 |
| 14 | <i>Festuca idæ</i> Doescher, IMillican, Or | 1984 USA | 43.86667 | -120.917 N | | 0 |
| 15 | <i>Festuca idæ</i> Doescher, IMillican, Or | 1984 USA | 43.86667 | -120.917 N | | 0 |
| 16 | <i>Festuca idæ</i> Doescher, IMillican, Or | 1984 USA | 43.86667 | -120.917 N | | 0 |
| 17 | <i>Hypericum</i> Campbell, ITuena, Aus | 1974 Australia | -34 | 149.3 N | | 0 |
| 18 | <i>Hypericum</i> Campbell, ITuena, Aus | 1974 Australia | -34 | 149.3 N | | 0 |
| 19 | <i>Cirsium pal</i> Ballegaard,Jutland, De | 1984 Denmark | 55.61667 | 9.183333 N | | 0 |
| 20 | <i>Taraxacum</i> Washitani, University c | 1983 Japan | 35.7 | 139.75 N | | 0 |
| 21 | <i>Taraxacum</i> Washitani, University c | 1983 Japan | 35.7 | 139.75 N | | 0 |
| 22 | <i>Taraxacum</i> Washitani, University c | 1983 Japan | 35.7 | 139.75 N | | 0 |
| 23 | <i>Taraxacum</i> Washitani, University c | 1983 Japan | 35.7 | 139.75 N | | 0 |
| 24 | <i>Taraxacum</i> Washitani, University c | 1983 Japan | 35.7 | 139.75 N | | 0 |
| 25 | <i>Taraxacum</i> Washitani, University c | 1983 Japan | 35.7 | 139.75 N | | 0 |
| 26 | <i>Taraxacum</i> Washitani, University c | 1983 Japan | 35.7 | 139.75 N | | 0 |
| 27 | <i>Taraxacum</i> Washitani, University c | 1983 Japan | 35.7 | 139.75 N | | 0 |
| 28 | <i>Taraxacum</i> Washitani, University c | 1983 Japan | 35.7 | 139.75 N | | 0 |
| 29 | <i>Taraxacum</i> Washitani, University c | 1983 Japan | 35.7 | 139.75 N | | 0 |
| 30 | <i>Taraxacum</i> Washitani, University c | 1983 Japan | 35.7 | 139.75 N | | 0 |
| 31 | <i>Taraxacum</i> Washitani, University c | 1983 Japan | 35.7 | 139.75 N | | 0 |
| 32 | <i>Taraxacum</i> Washitani, University c | 1983 Japan | 35.7 | 139.75 N | | 0 |
| 33 | <i>Taraxacum</i> Washitani, University c | 1983 Japan | 35.7 | 139.75 N | | 0 |
| 34 | <i>Cirsium pal</i> Pons, T. L. Utrecht, Th | 1981 Netherland | 52.08333 | 5.083333 N | | 0 |
| 35 | <i>Ostrya virgi</i> Pitel, J. A. \Ross Town | 1979 Canada | 45.68333 | -76.7167 Y | | 0 |
| 36 | <i>Ostrya virgi</i> Pitel, J. A. \Ross Town | 1979 Canada | 45.68333 | -76.7167 Y | | 90 |
| 37 | <i>Ostrya virgi</i> Pitel, J. A. \Ross Town | 1979 Canada | 45.68333 | -76.7167 N | | 90 |
| 38 | <i>Ostrya virgi</i> Pitel, J. A. \Ross Town | 1979 Canada | 45.68333 | -76.7167 N | | 0 |
| 39 | <i>Calluna vul</i> Helsper, H.Heide, The | 1982 Netherland | 51.5 | 5.933333 N | | 0 |
| 40 | <i>Populus de</i> Hardin, E. IOhio Unive | 1982 USA | 39.31667 | -82.1 N | | 0 |
| 41 | <i>Picea mariæ</i> Farmer, R. Thunder Bæ | 1982 Canada | 48.66667 | -89.25 N | | 24 |
| 42 | <i>Picea mariæ</i> Farmer, R. Thunder Bæ | 1982 Canada | 48.66667 | -89.25 N | | 0 |
| 43 | <i>Picea mariæ</i> Farmer, R. Thunder Bæ | 1982 Canada | 48.66667 | -89.25 N | | 0 |
| 44 | <i>Picea mariæ</i> Farmer, R. Thunder Bæ | 1982 Canada | 48.66667 | -89.25 N | | 0 |
| 45 | <i>Picea mariæ</i> Farmer, R. Thunder Bæ | 1982 Canada | 48.66667 | -89.25 N | | 0 |
| 46 | <i>Picea mariæ</i> Farmer, R. Thunder Bæ | 1982 Canada | 48.66667 | -89.25 N | | 24 |
| 47 | <i>Picea mariæ</i> Farmer, R. Thunder Bæ | 1982 Canada | 48.66667 | -89.25 N | | 24 |
| 48 | <i>Picea mariæ</i> Farmer, R. Thunder Bæ | 1982 Canada | 48.66667 | -89.25 N | | 24 |
| 49 | <i>Picea mariæ</i> Farmer, R. Thunder Bæ | 1982 Canada | 48.66667 | -89.25 N | | 0 |
| 50 | <i>Picea mariæ</i> Farmer, R. Thunder Bæ | 1982 Canada | 48.66667 | -89.25 N | | 0 |
| 51 | <i>Picea mariæ</i> Farmer, R. Thunder Bæ | 1982 Canada | 48.66667 | -89.25 N | | 24 |
| 52 | <i>Picea mariæ</i> Farmer, R. Thunder Bæ | 1982 Canada | 48.66667 | -89.25 N | | 24 |
| 53 | <i>Dactylis glc</i> Bean, E. WGap, Franc | 1983 France | 44.55 | 6.066667 N | | 0 |
| 54 | <i>Peucedanu</i> KolodziejekPrimary out | 2016 Poland | 53.98333 | 17.4 N | | 150 |
| 55 | <i>Dactylis glc</i> Bean, E. WBocca Trab | 1983 Italy | 43.58333 | 12.23333 N | | 0 |
| 56 | <i>Dactylis glc</i> Bean, E. WChateaux-C | 1983 France | 47.81667 | -0.7 N | | 0 |
| 57 | <i>Poa trivialis</i> Williams, E Yarnton, O: | 1981 UK | 51.8 | -1.3 N | | 0 |
| 58 | <i>Poa trivialis</i> Williams, E Yarnton, O: | 1981 UK | 51.8 | -1.3 N | | 336 |
| 59 | <i>Poa trivialis</i> Williams, E Yarnton, O: | 1981 UK | 51.8 | -1.3 N | | 0 |
| 60 | <i>Poa trivialis</i> Williams, E Yarnton, O: | 1981 UK | 51.8 | -1.3 N | | 0 |

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|----|---------------|-------------------------|------------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Poa trivialis | Williams, E Yarnton, O: | 1981 UK | 51.8 | -1.3 N | 336 |
| 4 | Poa trivialis | Williams, E Yarnton, O: | 1981 UK | 51.8 | -1.3 N | 0 |
| 5 | Poa trivialis | Williams, E Yarnton, O: | 1981 UK | 51.8 | -1.3 N | 0 |
| 6 | Poa trivialis | Williams, E Yarnton, O: | 1981 UK | 51.8 | -1.3 N | 336 |
| 7 | Poa trivialis | Williams, E Yarnton, O: | 1981 UK | 51.8 | -1.3 N | 336 |
| 8 | Gardenia ja | Shimomura Tokyo Colle | 1982 Japan | 35.68333 | 139.7 N | 0 |
| 9 | Corylus av | Shannon, F University c | 1982 UK | 53.36667 | -1.48333 N | 0 |
| 10 | Corylus av | Shannon, F University c | 1982 UK | 53.36667 | -1.48333 N | 0 |
| 11 | Corylus av | Shannon, F University c | 1982 UK | 53.36667 | -1.48333 Y | 0 |
| 12 | Corylus av | Shannon, F University c | 1982 UK | 53.36667 | -1.48333 Y | 0 |
| 13 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 14 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 15 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 16 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 17 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 18 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 19 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 20 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 21 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 22 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 23 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 24 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 25 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 26 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 27 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 28 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 29 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 30 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 31 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 32 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 33 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 34 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 35 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 36 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 37 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 38 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 39 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 40 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 41 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 42 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 43 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 44 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 45 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 46 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 47 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 48 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 49 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 50 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 51 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 52 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 53 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 54 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 55 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 56 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 57 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 58 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 59 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 60 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |

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|----|--------------|------------------------|---------|----------|------------|---|
| 1 | | | | | | |
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| 3 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 4 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 5 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 6 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 7 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 8 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 9 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 10 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 11 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 12 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 13 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 14 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 15 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 16 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 17 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 18 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 19 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 20 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 21 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 22 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 23 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 24 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 25 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 26 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 27 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 28 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 29 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 30 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 31 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 32 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 33 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 34 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 35 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 36 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 37 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 38 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 39 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 40 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 41 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 42 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 43 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 44 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 45 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 46 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 47 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 48 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 49 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 50 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 51 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 52 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 53 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 54 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 55 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 56 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 57 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 58 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 59 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
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|----|--------------|--------------------------|-------------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 4 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 5 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 6 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 7 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 8 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 9 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 10 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 11 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 12 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 13 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 14 | Stellaria m | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 15 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 16 | Urtica dioic | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 17 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 18 | Holcus lan | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 19 | Juncus effu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 20 | Ranunculu | Thompson, Sheffield, L | 1982 UK | 53.36667 | -1.46667 N | 0 |
| 21 | Picea enge | Taylor, R. JKoksilals R | 1982 Canada | 53.73333 | -127.65 N | 30 |
| 22 | Pinus cont | Taylor, R. JKoksilals R | 1982 Canada | 54.05 | -127.817 N | 20 |
| 23 | Abies lasio | Taylor, R. JKoksilals R | 1982 Canada | 54.05 | -127.817 N | 50 |
| 24 | Tsuga mert | Taylor, R. JKoksilals R | 1982 Canada | 54.05 | -127.817 N | 50 |
| 25 | Origanum \ | Putievsky, I Greece | 1982 Greece | 39.2 | 22.21667 N | 0 |
| 26 | Origanum \ | Putievsky, I Greece | 1982 Greece | 39.2 | 22.21667 N | 0 |
| 27 | Origanum \ | Putievsky, I Greece | 1982 Greece | 39.2 | 22.21667 N | 0 |
| 28 | Origanum \ | Putievsky, I Greece | 1982 Greece | 39.2 | 22.21667 N | 0 |
| 29 | Origanum \ | Putievsky, I Greece | 1982 Greece | 39.2 | 22.21667 N | 0 |
| 30 | Origanum \ | Putievsky, I Greece | 1982 Greece | 39.2 | 22.21667 N | 0 |
| 31 | Origanum \ | Putievsky, I Greece | 1982 Greece | 39.2 | 22.21667 N | 0 |
| 32 | Origanum \ | Putievsky, I Greece | 1982 Greece | 39.2 | 22.21667 N | 0 |
| 33 | Origanum \ | Putievsky, I Greece | 1982 Greece | 39.2 | 22.21667 N | 0 |
| 34 | Impatiens c | Nozzolillo, lRideau Riv | 1980 Canada | 45.21667 | -75.6833 N | 140 |
| 35 | Ledum palu | Karlin, E. F Heatherdov | 1977 Canada | 53.61667 | -114.267 N | 0 |
| 36 | Ledum palu | Karlin, E. F Heatherdov | 1977 Canada | 53.61667 | -114.267 N | 0 |
| 37 | Ledum palu | Karlin, E. F Heatherdov | 1977 Canada | 53.61667 | -114.267 N | 0 |
| 38 | Peucedanu | KolodziejekPrimary cer | 2016 Poland | 53.98333 | 17.4 N | 150 |
| 39 | Epilobium | zEtheringtor Cardiff, UK | 1982 UK | 51.48333 | -3.2 N | 0 |
| 40 | Pinus taed | Dunlap, J. lWashingtor | 1983 USA | 35.55 | -77.05 N | 30 |
| 41 | Dioscorea r | Okagami, lNiigata, Ja | 1978 Japan | 37.9 | 139.05 N | 35 |
| 42 | Dioscorea r | Okagami, lNiigata, Ja | 1978 Japan | 37.9 | 139.05 N | 35 |
| 43 | Dioscorea r | Okagami, lNiigata, Ja | 1978 Japan | 37.9 | 139.05 N | 35 |
| 44 | Dioscorea r | Okagami, lNiigata, Ja | 1978 Japan | 37.9 | 139.05 N | 35 |
| 45 | Dioscorea r | Okagami, lNiigata, Ja | 1976 Japan | 37.9 | 139.05 N | 0 |
| 46 | Dioscorea r | Okagami, lNiigata, Ja | 1978 Japan | 37.9 | 139.05 N | 35 |
| 47 | Dioscorea r | Okagami, lNiigata, Ja | 1976 Japan | 37.9 | 139.05 N | 0 |
| 48 | Dioscorea r | Okagami, lNiigata, Ja | 1978 Japan | 37.9 | 139.05 N | 35 |
| 49 | Dioscorea r | Okagami, lNiigata, Ja | 1976 Japan | 37.9 | 139.05 N | 0 |
| 50 | Dioscorea r | Okagami, lNiigata, Ja | 1978 Japan | 37.9 | 139.05 N | 35 |
| 51 | Dioscorea r | Okagami, lNiigata, Ja | 1978 Japan | 37.9 | 139.05 N | 35 |
| 52 | Dioscorea r | Okagami, lNiigata, Ja | 1978 Japan | 37.9 | 139.05 N | 35 |
| 53 | Dioscorea r | Okagami, lNiigata, Ja | 1976 Japan | 37.9 | 139.05 N | 0 |
| 54 | Dioscorea r | Okagami, lNiigata, Ja | 1978 Japan | 37.9 | 139.05 N | 35 |
| 55 | Dioscorea r | Okagami, lNiigata, Ja | 1976 Japan | 37.9 | 139.05 N | 0 |
| 56 | Dioscorea r | Okagami, lNiigata, Ja | 1976 Japan | 37.9 | 139.05 N | 0 |
| 57 | Dioscorea r | Okagami, lNiigata, Ja | 1976 Japan | 37.9 | 139.05 N | 0 |
| 58 | Dioscorea r | Okagami, lNiigata, Ja | 1976 Japan | 37.9 | 139.05 N | 0 |
| 59 | Dioscorea r | Okagami, lNiigata, Ja | 1976 Japan | 37.9 | 139.05 N | 0 |
| 60 | Dioscorea r | Okagami, lNiigata, Ja | 1976 Japan | 37.9 | 139.05 N | 0 |

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|-----------------------------------|------|-------|----------|----------|---|----|
| Dioscorea rOkagami, Niiigata, Jaç | 1978 | Japan | 37.9 | 139.05 | N | 35 |
| Dioscorea rOkagami, Niiigata, Jaç | 1976 | Japan | 37.9 | 139.05 | N | 0 |
| Dioscorea rOkagami, Niiigata, Jaç | 1978 | Japan | 37.9 | 139.05 | N | 35 |
| Dioscorea rOkagami, Niiigata, Jaç | 1978 | Japan | 37.9 | 139.05 | N | 35 |
| Dioscorea rOkagami, Niiigata, Jaç | 1978 | Japan | 37.9 | 139.05 | N | 35 |
| Dioscorea jOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea jOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea tOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 35 |
| Dioscorea tOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 35 |
| Dioscorea jOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea cOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea cOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea jOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea tOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea jOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea jOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea cOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea cOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea tOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea cOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea tOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 35 |
| Dioscorea tOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea cOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea jOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea jOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea jOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea jOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea tOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea tOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 35 |
| Dioscorea jOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea cOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea tOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 35 |
| Dioscorea tOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea cOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea cOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea jOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea tOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 35 |
| Dioscorea jOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea cOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea jOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea jOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea jOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea cOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea jOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea jOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea cOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea cOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |
| Dioscorea tOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 35 |
| Dioscorea tOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea tOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 35 |
| Dioscorea tOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea tOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea tOkagami, NKagoshima | 1976 | Japan | 31.56667 | 130.5333 | N | 0 |
| Dioscorea jOkagami, NKagoshima | 1978 | Japan | 31.56667 | 130.5333 | N | 65 |

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|----|----------------------------------|-----------------|----------|------------|--|----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Dioscorea tOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 4 | Dioscorea jOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 5 | Dioscorea jOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 6 | Dioscorea tOkagami, NKagoshima | 1978 Japan | 31.56667 | 130.5333 N | | 35 |
| 7 | Dioscorea cOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 8 | Dioscorea tOkagami, NKagoshima | 1978 Japan | 31.56667 | 130.5333 N | | 35 |
| 9 | Dioscorea cOkagami, NKagoshima | 1978 Japan | 31.56667 | 130.5333 N | | 65 |
| 10 | Dioscorea jOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 11 | Dioscorea cOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 12 | Dioscorea tOkagami, NKagoshima | 1978 Japan | 31.56667 | 130.5333 N | | 35 |
| 13 | Dioscorea tOkagami, NKagoshima | 1978 Japan | 31.56667 | 130.5333 N | | 35 |
| 14 | Dioscorea tOkagami, NKagoshima | 1978 Japan | 31.56667 | 130.5333 N | | 35 |
| 15 | Dioscorea cOkagami, NKagoshima | 1978 Japan | 31.56667 | 130.5333 N | | 65 |
| 16 | Dioscorea jOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 17 | Dioscorea jOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 18 | Dioscorea jOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 19 | Dioscorea cOkagami, NKagoshima | 1978 Japan | 31.56667 | 130.5333 N | | 65 |
| 20 | Dioscorea tOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 21 | Dioscorea cOkagami, NKagoshima | 1978 Japan | 31.56667 | 130.5333 N | | 65 |
| 22 | Dioscorea tOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 23 | Dioscorea cOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 24 | Dioscorea cOkagami, NKagoshima | 1978 Japan | 31.56667 | 130.5333 N | | 65 |
| 25 | Dioscorea cOkagami, NKagoshima | 1978 Japan | 31.56667 | 130.5333 N | | 65 |
| 26 | Dioscorea tOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 27 | Dioscorea cOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 28 | Dioscorea cOkagami, NKagoshima | 1978 Japan | 31.56667 | 130.5333 N | | 65 |
| 29 | Dioscorea tOkagami, NKagoshima | 1978 Japan | 31.56667 | 130.5333 N | | 35 |
| 30 | Dioscorea cOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 31 | Dioscorea cOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 32 | Dioscorea tOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 33 | Dioscorea cOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 34 | Dioscorea jOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 35 | Dioscorea cOkagami, NKagoshima | 1976 Japan | 31.56667 | 130.5333 N | | 0 |
| 36 | Populus treFechner, GLarimer Co | 1977 USA | 40.61667 | -105.483 N | | 0 |
| 37 | Populus treFechner, GLarimer Co | 1977 USA | 40.61667 | -105.483 N | | 0 |
| 38 | Melampyru Masselink, Appelberge | 1974 Netherland | 53.13333 | 6.633333 N | | 60 |
| 39 | Melampyru Masselink, Appelberge | 1974 Netherland | 53.13333 | 6.633333 N | | 60 |
| 40 | Melampyru Masselink, Appelberge | 1974 Netherland | 53.13333 | 6.633333 N | | 0 |
| 41 | Melampyru Masselink, Appelberge | 1974 Netherland | 53.13333 | 6.633333 N | | 60 |
| 42 | Melampyru Masselink, Appelberge | 1974 Netherland | 53.13333 | 6.633333 N | | 0 |
| 43 | Melampyru Masselink, Appelberge | 1974 Netherland | 53.13333 | 6.633333 N | | 60 |
| 44 | Melampyru Masselink, Appelberge | 1974 Netherland | 53.13333 | 6.633333 N | | 0 |
| 45 | Melampyru Masselink, Appelberge | 1974 Netherland | 53.13333 | 6.633333 N | | 60 |
| 46 | Melampyru Masselink, Appelberge | 1974 Netherland | 53.13333 | 6.633333 N | | 0 |
| 47 | Melampyru Masselink, Appelberge | 1974 Netherland | 53.13333 | 6.633333 N | | 60 |
| 48 | Melampyru Masselink, Appelberge | 1974 Netherland | 53.13333 | 6.633333 N | | 0 |
| 49 | Melampyru Masselink, Appelberge | 1974 Netherland | 53.13333 | 6.633333 N | | 60 |
| 50 | Melampyru Masselink, Appelberge | 1974 Netherland | 53.13333 | 6.633333 N | | 0 |
| 51 | Melampyru Masselink, Eext, The N | 1974 Netherland | 53.01667 | 6.733333 N | | 60 |
| 52 | Melampyru Masselink, Eext, The N | 1974 Netherland | 53.01667 | 6.733333 N | | 60 |
| 53 | Melampyru Masselink, Eext, The N | 1974 Netherland | 53.01667 | 6.733333 N | | 0 |
| 54 | Melampyru Masselink, Eext, The N | 1974 Netherland | 53.01667 | 6.733333 N | | 60 |
| 55 | Melampyru Masselink, Eext, The N | 1974 Netherland | 53.01667 | 6.733333 N | | 60 |
| 56 | Melampyru Masselink, Eext, The N | 1974 Netherland | 53.01667 | 6.733333 N | | 60 |
| 57 | Melampyru Masselink, Eext, The N | 1974 Netherland | 53.01667 | 6.733333 N | | 0 |
| 58 | Melampyru Masselink, Eext, The N | 1974 Netherland | 53.01667 | 6.733333 N | | 0 |
| 59 | Melampyru Masselink, Eext, The N | 1974 Netherland | 53.01667 | 6.733333 N | | 60 |
| 60 | Melampyru Masselink, Eext, The N | 1974 Netherland | 53.01667 | 6.733333 N | | 60 |

| | | | | | | |
|----|----------------------------------|------|------------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Melampyru Masselink, Eext, The N | 1974 | Netherland | 53.01667 | 6.733333 N | 0 |
| 4 | Melampyru Masselink, Eext, The N | 1974 | Netherland | 53.01667 | 6.733333 N | 0 |
| 5 | Melampyru Masselink, Eext, The N | 1974 | Netherland | 53.01667 | 6.733333 N | 0 |
| 6 | Melampyru Masselink, Annen, The | 1974 | Netherland | 53.05 | 6.716667 N | 60 |
| 7 | Melampyru Masselink, Annen, The | 1974 | Netherland | 53.05 | 6.716667 N | 60 |
| 8 | Melampyru Masselink, Annen, The | 1974 | Netherland | 53.05 | 6.716667 N | 0 |
| 9 | Melampyru Masselink, Annen, The | 1974 | Netherland | 53.05 | 6.716667 N | 0 |
| 10 | Melampyru Masselink, Annen, The | 1974 | Netherland | 53.05 | 6.716667 N | 0 |
| 11 | Melampyru Masselink, Annen, The | 1974 | Netherland | 53.05 | 6.716667 N | 0 |
| 12 | Melampyru Masselink, Annen, The | 1974 | Netherland | 53.05 | 6.716667 N | 0 |
| 13 | Melampyru Masselink, Annen, The | 1974 | Netherland | 53.05 | 6.716667 N | 60 |
| 14 | Melampyru Masselink, Annen, The | 1974 | Netherland | 53.05 | 6.716667 N | 60 |
| 15 | Melampyru Masselink, Annen, The | 1974 | Netherland | 53.05 | 6.716667 N | 60 |
| 16 | Melampyru Masselink, Annen, The | 1974 | Netherland | 53.05 | 6.716667 N | 0 |
| 17 | Melampyru Masselink, Annen, The | 1974 | Netherland | 53.05 | 6.716667 N | 60 |
| 18 | Melampyru Masselink, Norg, The f | 1974 | Netherland | 53.06667 | 6.45 N | 60 |
| 19 | Melampyru Masselink, Norg, The f | 1974 | Netherland | 53.06667 | 6.45 N | 0 |
| 20 | Melampyru Masselink, Norg, The f | 1974 | Netherland | 53.06667 | 6.45 N | 60 |
| 21 | Melampyru Masselink, Norg, The f | 1974 | Netherland | 53.06667 | 6.45 N | 60 |
| 22 | Melampyru Masselink, Norg, The f | 1974 | Netherland | 53.06667 | 6.45 N | 0 |
| 23 | Melampyru Masselink, Norg, The f | 1974 | Netherland | 53.06667 | 6.45 N | 60 |
| 24 | Melampyru Masselink, Norg, The f | 1974 | Netherland | 53.06667 | 6.45 N | 0 |
| 25 | Melampyru Masselink, Norg, The f | 1974 | Netherland | 53.06667 | 6.45 N | 60 |
| 26 | Melampyru Masselink, Norg, The f | 1974 | Netherland | 53.06667 | 6.45 N | 0 |
| 27 | Melampyru Masselink, Norg, The f | 1974 | Netherland | 53.06667 | 6.45 N | 60 |
| 28 | Melampyru Masselink, Norg, The f | 1974 | Netherland | 53.06667 | 6.45 N | 0 |
| 29 | Melampyru Masselink, Norg, The f | 1974 | Netherland | 53.06667 | 6.45 N | 60 |
| 30 | Melampyru Masselink, Norg, The f | 1974 | Netherland | 53.06667 | 6.45 N | 0 |
| 31 | Melampyru Masselink, Amen, The | 1974 | Netherland | 52.91667 | 6.583333 N | 60 |
| 32 | Melampyru Masselink, Amen, The | 1974 | Netherland | 52.91667 | 6.583333 N | 60 |
| 33 | Melampyru Masselink, Amen, The | 1974 | Netherland | 52.91667 | 6.583333 N | 0 |
| 34 | Melampyru Masselink, Amen, The | 1974 | Netherland | 52.91667 | 6.583333 N | 60 |
| 35 | Melampyru Masselink, Amen, The | 1974 | Netherland | 52.91667 | 6.583333 N | 0 |
| 36 | Melampyru Masselink, Amen, The | 1974 | Netherland | 52.91667 | 6.583333 N | 60 |
| 37 | Melampyru Masselink, Amen, The | 1974 | Netherland | 52.91667 | 6.583333 N | 0 |
| 38 | Melampyru Masselink, Amen, The | 1974 | Netherland | 52.91667 | 6.583333 N | 0 |
| 39 | Melampyru Masselink, Amen, The | 1974 | Netherland | 52.91667 | 6.583333 N | 0 |
| 40 | Melampyru Masselink, Amen, The | 1974 | Netherland | 52.91667 | 6.583333 N | 60 |
| 41 | Melampyru Masselink, Amen, The | 1974 | Netherland | 52.91667 | 6.583333 N | 0 |
| 42 | Melampyru Masselink, Amen, The | 1974 | Netherland | 52.91667 | 6.583333 N | 60 |
| 43 | PeucedanuKolodziejekSecondary | 2016 | Poland | 53.98333 | 17.4 N | 150 |
| 44 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 28 |
| 45 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 0 |
| 46 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 0 |
| 47 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 28 |
| 48 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 28 |
| 49 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 0 |
| 50 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 0 |
| 51 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 28 |
| 52 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 28 |
| 53 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 0 |
| 54 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 28 |
| 55 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 0 |
| 56 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 28 |
| 57 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 28 |
| 58 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 28 |
| 59 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 28 |
| 60 | BalsamorhiYoung, J. ANortheast | 1976 | USA | 39.01667 | -120.4 N | 0 |

[illegible]

| | | | | | | |
|----|------------------------|-------------------------|-------------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 4 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 5 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 6 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 7 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 8 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 9 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 10 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 11 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 12 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 13 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 14 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 15 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 16 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 17 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 18 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 19 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 20 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 21 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 22 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 23 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 24 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 25 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 26 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 27 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 28 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 29 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 30 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 31 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 32 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 33 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 34 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 35 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 36 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 37 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 38 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 39 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 40 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 28 |
| 41 | Balsamorhi Young, J. A | Northeast | 1976 USA | 39.01667 | -120.4 N | 0 |
| 42 | Phalaris ar | Landgraff, Tjotta, Norv | 1978 Norway | 65.81667 | 12.41667 N | 0 |
| 43 | Phalaris ar | Landgraff, Tjotta, Norv | 1978 Norway | 65.81667 | 12.41667 N | 28 |
| 44 | Phalaris ar | Landgraff, Tjotta, Norv | 1978 Norway | 65.81667 | 12.41667 N | 28 |
| 45 | Phalaris ar | Landgraff, Tjotta, Norv | 1978 Norway | 65.81667 | 12.41667 N | 0 |
| 46 | Corylus av | Bradbeer, King's Colle | 1977 UK | 51.5 | -0.1 N | 0 |
| 47 | Corylus av | Bradbeer, King's Colle | 1977 UK | 51.5 | -0.1 Y | 42 |
| 48 | Corylus av | Bradbeer, King's Colle | 1977 UK | 51.5 | -0.1 N | 0 |
| 49 | Corylus av | Bradbeer, King's Colle | 1977 UK | 51.5 | -0.1 N | 42 |
| 50 | Corylus av | Bradbeer, King's Colle | 1977 UK | 51.5 | -0.1 Y | 0 |
| 51 | Corylus av | Bradbeer, King's Colle | 1977 UK | 51.5 | -0.1 Y | 0 |
| 52 | Liriodendro | Barnett, P. Low elevati | 1971 USA | 35.16667 | -84.3667 N | 56 |
| 53 | Liriodendro | Barnett, P. Low elevati | 1971 USA | 35.16667 | -84.3667 N | 56 |
| 54 | Liriodendro | Barnett, P. Low elevati | 1971 USA | 35.16667 | -84.3667 N | 56 |
| 55 | Liriodendro | Barnett, P. Low elevati | 1971 USA | 35.16667 | -84.3667 N | 168 |
| 56 | Liriodendro | Barnett, P. Low elevati | 1971 USA | 35.16667 | -84.3667 N | 56 |
| 57 | Liriodendro | Barnett, P. Low elevati | 1971 USA | 35.16667 | -84.3667 N | 168 |
| 58 | Liriodendro | Barnett, P. Low elevati | 1971 USA | 35.16667 | -84.3667 N | 168 |
| 59 | Liriodendro | Barnett, P. Low elevati | 1971 USA | 35.16667 | -84.3667 N | 168 |
| 60 | Liriodendro | Barnett, P. Low elevati | 1971 USA | 35.16667 | -84.3667 N | 168 |

[illegible]

| | | | | | | |
|----|--------------|-------------|------------|------|-----|---|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 4 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 5 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 6 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 7 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 8 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 9 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 10 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 11 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 12 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 13 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 14 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 15 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 16 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 17 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 18 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 19 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 20 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 21 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 22 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 23 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 24 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 25 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 26 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 27 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 28 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 29 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 30 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 31 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 32 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 33 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 34 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 35 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 36 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 37 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 38 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 39 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 40 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 41 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 42 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 43 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 44 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 45 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 46 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |
| 47 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 48 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 49 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 50 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 51 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 52 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 53 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 54 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 55 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 56 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 57 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 58 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 59 | Purshia trid | Evans, R. A | Nevada and | 1971 | USA | 0 |
| 60 | Elymus elyi | Young, J. A | Nevada and | 1967 | USA | 0 |

| | | | | | | |
|----|--------------|--------------------------|----------|----------|------------|----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 4 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 5 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 6 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 7 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 8 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 9 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 10 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 11 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 12 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 13 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 14 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 15 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 16 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 17 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 18 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 19 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 20 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 21 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 22 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 23 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 24 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 25 | Elymus ely | Young, J. /Nevada an | 1967 USA | 39.1 | -119.883 N | 0 |
| 26 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 27 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 28 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 29 | Elymus ely | Young, J. /Nevada an | 1967 USA | 39.1 | -119.883 N | 0 |
| 30 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 31 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 32 | Elymus ely | Young, J. /Nevada an | 1967 USA | 39.1 | -119.883 N | 0 |
| 33 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 34 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 35 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 36 | Elymus ely | Young, J. /Nevada an | 1967 USA | 39.1 | -119.883 N | 0 |
| 37 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 38 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 39 | Elymus ely | Young, J. /Nevada an | 1967 USA | 39.1 | -119.883 N | 0 |
| 40 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 41 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 42 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 43 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 44 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 45 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 46 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 47 | Purshia trid | Evans, R. /Nevada an | 1971 USA | 39.1 | -119.883 N | 0 |
| 48 | Elymus ely | Young, J. /Nevada an | 1967 USA | 39.1 | -119.883 N | 0 |
| 49 | Achillea mil | Robocker, 'Washingtor | 1971 USA | 46.71667 | -117.15 N | 0 |
| 50 | Achillea mil | Robocker, 'Washingtor | 1972 USA | 46.71667 | -117.15 N | 0 |
| 51 | Achillea mil | Robocker, 'Washingtor | 1972 USA | 46.71667 | -117.15 N | 0 |
| 52 | Achillea mil | Robocker, 'Washingtor | 1972 USA | 46.71667 | -117.15 N | 0 |
| 53 | Achillea mil | Robocker, 'Washingtor | 1972 USA | 46.71667 | -117.15 N | 0 |
| 54 | Achillea mil | Robocker, 'Washingtor | 1971 USA | 46.71667 | -117.15 N | 0 |
| 55 | Achillea mil | Robocker, 'Washingtor | 1971 USA | 46.71667 | -117.15 N | 0 |
| 56 | Achillea mil | Robocker, 'Washingtor | 1971 USA | 46.71667 | -117.15 N | 0 |
| 57 | Cornus am | Allen, R. F. Norris, Ten | 1973 USA | 36.01667 | -84.0167 N | 84 |
| 58 | Cornus am | Allen, R. F. Norris, Ten | 1974 USA | 36.01667 | -84.0167 N | 0 |
| 59 | Cornus am | Allen, R. F. Norris, Ten | 1974 USA | 36.01667 | -84.0167 N | 0 |
| 60 | | | | | | |

| | | | | | | |
|----|--------------|--------------------------|--------------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Cornus am | Allen, R. F. Norris, Ten | 1974 USA | 36.01667 | -84.0167 N | 112 |
| 4 | Cornus am | Allen, R. F. Norris, Ten | 1974 USA | 36.01667 | -84.0167 N | 0 |
| 5 | Cornus am | Allen, R. F. Norris, Ten | 1973 USA | 36.01667 | -84.0167 N | 0 |
| 6 | Cornus am | Allen, R. F. Norris, Ten | 1973 USA | 36.01667 | -84.0167 N | 0 |
| 7 | Cornus am | Allen, R. F. Norris, Ten | 1974 USA | 36.01667 | -84.0167 N | 112 |
| 8 | Cornus am | Allen, R. F. Norris, Ten | 1973 USA | 36.01667 | -84.0167 N | 0 |
| 9 | Cornus am | Allen, R. F. Norris, Ten | 1974 USA | 36.01667 | -84.0167 N | 112 |
| 10 | Cornus am | Allen, R. F. Norris, Ten | 1974 USA | 36.01667 | -84.0167 N | 112 |
| 11 | Cornus am | Allen, R. F. Norris, Ten | 1974 USA | 36.01667 | -84.0167 N | 0 |
| 12 | Cornus am | Allen, R. F. Norris, Ten | 1973 USA | 36.01667 | -84.0167 N | 0 |
| 13 | Cornus am | Allen, R. F. Norris, Ten | 1974 USA | 36.01667 | -84.0167 N | 112 |
| 14 | Cornus am | Allen, R. F. Norris, Ten | 1974 USA | 36.01667 | -84.0167 N | 0 |
| 15 | Cornus am | Allen, R. F. Norris, Ten | 1973 USA | 36.01667 | -84.0167 N | 0 |
| 16 | Cornus am | Allen, R. F. Norris, Ten | 1974 USA | 36.01667 | -84.0167 N | 0 |
| 17 | Cornus am | Allen, R. F. Norris, Ten | 1973 USA | 36.01667 | -84.0167 N | 0 |
| 18 | Cornus am | Allen, R. F. Norris, Ten | 1974 USA | 36.01667 | -84.0167 N | 112 |
| 19 | Cornus am | Allen, R. F. Norris, Ten | 1973 USA | 36.01667 | -84.0167 N | 0 |
| 20 | Betula pub | Junttila, O. 1 Finland | 1975 Finland | 61.66667 | 29.5 N | 0 |
| 21 | Betula pub | Junttila, O. 1 Finland | 1975 Finland | 61.66667 | 29.5 N | 0 |
| 22 | Betula pub | Junttila, O. 2 Finland | 1975 Finland | 62 | 25 N | 0 |
| 23 | Betula pub | Junttila, O. 2 Finland | 1975 Finland | 62 | 25 N | 0 |
| 24 | Betula pub | Junttila, O. 3 Finland | 1975 Finland | 64.5 | 29 N | 0 |
| 25 | Betula pub | Junttila, O. 3 Finland | 1975 Finland | 64.5 | 29 N | 0 |
| 26 | Peucedanu | Kolodziejek Secondary | 2016 Poland | 53.98333 | 17.4 N | 150 |
| 27 | Betula pub | Junttila, O. 4 Finland | 1975 Finland | 64.5 | 29 N | 0 |
| 28 | Betula pub | Junttila, O. 4 Finland | 1975 Finland | 64.5 | 29 N | 0 |
| 29 | Betula pub | Junttila, O. 5 Norway | 1975 Norway | 60.75 | 11.16667 N | 0 |
| 30 | Betula pub | Junttila, O. 5 Norway | 1975 Norway | 60.75 | 11.16667 N | 0 |
| 31 | Betula pen | Junttila, O. 6 Finland | 1975 Finland | 60.08333 | 24 N | 0 |
| 32 | Betula pen | Junttila, O. 6 Finland | 1975 Finland | 60.08333 | 24 N | 0 |
| 33 | Betula pen | Junttila, O. 7 Finland | 1975 Finland | 60.5 | 24.5 N | 0 |
| 34 | Betula pen | Junttila, O. 7 Finland | 1975 Finland | 60.5 | 24.5 N | 0 |
| 35 | Betula pen | Junttila, O. 8 Finland | 1975 Finland | 62 | 25 N | 0 |
| 36 | Betula pen | Junttila, O. 8 Finland | 1975 Finland | 62 | 25 N | 0 |
| 37 | Betula pen | Junttila, O. 9 Finland | 1975 Finland | 62.5 | 27 N | 0 |
| 38 | Betula pen | Junttila, O. 9 Finland | 1975 Finland | 62.5 | 27 N | 0 |
| 39 | Betula pen | Junttila, O. 10 Finland | 1975 Finland | 64.5 | 29 N | 0 |
| 40 | Betula pen | Junttila, O. 10 Finland | 1975 Finland | 64.5 | 29 N | 0 |
| 41 | Betula pen | Junttila, O. 11 Finland | 1975 Finland | 65.25 | 27 N | 0 |
| 42 | Betula pen | Junttila, O. 11 Finland | 1975 Finland | 65.25 | 27 N | 0 |
| 43 | Betula pen | Junttila, O. 12 Norway | 1975 Norway | 60.75 | 11.16667 N | 0 |
| 44 | Betula pen | Junttila, O. 12 Norway | 1975 Norway | 60.75 | 11.16667 N | 0 |
| 45 | Artemisia tr | McDonougI Dubois, Ida | 1971 USA | 44.16667 | -112.217 N | 35 |
| 46 | Artemisia tr | McDonougI Dubois, Ida | 1971 USA | 44.16667 | -112.217 N | 0 |
| 47 | Artemisia tr | McDonougI Dubois, Ida | 1971 USA | 44.16667 | -112.217 N | 0 |
| 48 | Artemisia tr | Harniss, R. Dubois, Ida | 1973 USA | 44.16667 | -112.217 N | 0 |
| 49 | Artemisia tr | McDonougI Dubois, Ida | 1971 USA | 44.16667 | -112.217 N | 0 |
| 50 | Artemisia tr | McDonougI Dubois, Ida | 1971 USA | 44.16667 | -112.217 N | 0 |
| 51 | Artemisia tr | McDonougI Dubois, Ida | 1971 USA | 44.16667 | -112.217 N | 0 |
| 52 | Artemisia tr | McDonougI Dubois, Ida | 1971 USA | 44.16667 | -112.217 N | 0 |
| 53 | Artemisia tr | McDonougI Dubois, Ida | 1971 USA | 44.16667 | -112.217 N | 0 |
| 54 | Artemisia tr | McDonougI Dubois, Ida | 1971 USA | 44.16667 | -112.217 N | 0 |
| 55 | Artemisia tr | McDonougI Dubois, Ida | 1971 USA | 44.16667 | -112.217 N | 0 |
| 56 | Artemisia tr | McDonougI Dubois, Ida | 1971 USA | 44.16667 | -112.217 N | 0 |
| 57 | Peucedanu | Kolodziejek Primary out | 2016 Poland | 50.96667 | 16.98333 N | 150 |
| 58 | Picea glauc | Radvanyi, /Alberta For | 1974 Canada | 53.36667 | -115.517 N | 0 |
| 59 | Robinia ps | Bicknell, S. New Haver | 1973 USA | 41.3 | -72.9333 N | 0 |
| 60 | | | | | | |

| | | | | | | |
|----|--------------|----------------------------|--------------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Quercus ce | Bicknell, S. New Haver | 1973 USA | 41.3 | -72.9333 N | 0 |
| 4 | Quercus cc | Bicknell, S. New Haver | 1973 USA | 41.3 | -72.9333 N | 0 |
| 5 | Betula alleç | Bicknell, S. New Haver | 1973 USA | 41.3 | -72.9333 N | 0 |
| 6 | Humulus lu | Haunold, A USDA, Ore | 1973 USA | 43.95 | -122.117 N | 56 |
| 7 | Humulus lu | Smith, D. CUSDA, Ore | 1936 USA | 43.78333 | -121.917 N | 35 |
| 8 | Ledum pal | Junttila, O. Finland | 1968 Finland | 61.11667 | 24.33333 N | 0 |
| 9 | Ledum pal | Junttila, O. Finland | 1968 Finland | 61.11667 | 24.33333 N | 0 |
| 10 | Ledum pal | Junttila, O. Finland | 1968 Finland | 61.11667 | 24.33333 N | 0 |
| 11 | Ledum pal | Junttila, O. Finland | 1968 Finland | 61.11667 | 24.33333 N | 0 |
| 12 | Ledum pal | Junttila, O. Finland | 1968 Finland | 61.11667 | 24.33333 N | 0 |
| 13 | Ledum pal | Junttila, O. Finland | 1968 Finland | 61.11667 | 24.33333 N | 0 |
| 14 | Ledum pal | Junttila, O. Finland | 1968 Finland | 61.11667 | 24.33333 N | 0 |
| 15 | Ledum pal | Junttila, O. Finland | 1968 Finland | 61.11667 | 24.33333 N | 0 |
| 16 | Pinus taed | Biswas, P. American F | 1971 USA | 31.11667 | -92.4333 N | 84 |
| 17 | Pinus taed | Biswas, P. American F | 1971 USA | 31.11667 | -92.4333 N | 0 |
| 18 | Acer sacch | Webb, D. F Vermont, U | 1966 USA | 43.9 | -72.6 N | 41 |
| 19 | Acer sacch | Webb, D. F Vermont, U | 1966 USA | 43.9 | -72.6 N | 41 |
| 20 | Acer sacch | Webb, D. F Vermont, U | 1966 USA | 43.9 | -72.6 N | 41 |
| 21 | Acer sacch | Webb, D. F Vermont, U | 1966 USA | 43.9 | -72.6 N | 41 |
| 22 | Acer sacch | Webb, D. F Vermont, U | 1966 USA | 43.9 | -72.6 N | 41 |
| 23 | Acer sacch | Webb, D. F Vermont, U | 1966 USA | 43.9 | -72.6 N | 41 |
| 24 | Corylus av | Bradbeer, J Mereworth, | 1966 USA | 51.25 | ##### N | 0 |
| 25 | Corylus av | Bradbeer, J Mereworth, | 1966 USA | 51.25 | ##### Y | 0 |
| 26 | Alnus incar | Schalín, I. (Vihti, Finlar | 1964 Finland | 60.4 | 24.31667 N | 180 |
| 27 | Alnus glutir | Schalín, I. (Vihti, Finlar | 1964 Finland | 60.4 | 24.31667 N | 0 |
| 28 | Alnus incar | Schalín, I. (Vihti, Finlar | 1964 Finland | 60.4 | 24.31667 N | 0 |
| 29 | Alnus glutir | Schalín, I. (Vihti, Finlar | 1964 Finland | 60.4 | 24.31667 N | 180 |
| 30 | Populus de | Farmer, R. Stoneville, | 1966 USA | 33.41667 | -90.9 N | 0 |
| 31 | Populus de | Farmer, R. Stoneville, | 1966 USA | 33.41667 | -90.9 N | 0 |
| 32 | Populus de | Farmer, R. Stoneville, | 1966 USA | 33.41667 | -90.9 N | 0 |
| 33 | Liquidamb | Bonner, F. Stoneville, | 1963 USA | 33.41667 | -90.9 N | 28 |
| 34 | Liquidamb | Bonner, F. Stoneville, | 1963 USA | 33.41667 | -90.9 N | 0 |
| 35 | Populus de | Farmer, R. Stoneville, | 1966 USA | 33.41667 | -90.9 N | 0 |
| 36 | Liquidamb | Bonner, F. Stoneville, | 1963 USA | 33.41667 | -90.9 N | 0 |
| 37 | Liquidamb | Bonner, F. Stoneville, | 1963 USA | 33.41667 | -90.9 N | 28 |
| 38 | Liquidamb | Bonner, F. Stoneville, | 1963 USA | 33.41667 | -90.9 N | 0 |
| 39 | Liquidamb | Bonner, F. Stoneville, | 1963 USA | 33.41667 | -90.9 N | 0 |
| 40 | Liquidamb | Bonner, F. Stoneville, | 1963 USA | 33.41667 | -90.9 N | 28 |
| 41 | Liquidamb | Bonner, F. Stoneville, | 1963 USA | 33.41667 | -90.9 N | 28 |
| 42 | Populus de | Farmer, R. Stoneville, | 1966 USA | 33.41667 | -90.9 N | 0 |
| 43 | Peucedanu | Kolodziejek Primary cer | 2016 Poland | 50.96667 | 16.98333 N | 150 |
| 44 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |
| 45 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |
| 46 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |
| 47 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |
| 48 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |
| 49 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |
| 50 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |
| 51 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |
| 52 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |
| 53 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |
| 54 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |
| 55 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |
| 56 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |
| 57 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |
| 58 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |
| 59 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |
| 60 | Deschamp | Sayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | 0 |

| | | | | | | |
|----|------------------------------------|--------------|----------|------------|--|----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 4 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 5 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 6 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 7 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 8 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 9 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 10 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 11 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 12 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 13 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 14 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 15 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 16 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 17 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 18 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 19 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 20 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 21 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 22 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 23 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 24 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 25 | DeschampSayers, R. False Mum | 1962 USA | 40.5 | -105.65 N | | 0 |
| 26 | Picea engePatten, D. Golden, Co | 1959 USA | 39.73333 | -105.2 N | | 0 |
| 27 | Picea engePatten, D. Golden, Co | 1959 USA | 39.73333 | -105.2 N | | 0 |
| 28 | Picea engePatten, D. Golden, Co | 1959 USA | 39.73333 | -105.2 N | | 0 |
| 29 | Picea engePatten, D. Golden, Co | 1959 USA | 39.73333 | -105.2 N | | 0 |
| 30 | Picea engePatten, D. Golden, Co | 1959 USA | 39.73333 | -105.2 N | | 0 |
| 31 | Picea engePatten, D. Golden, Co | 1959 USA | 39.73333 | -105.2 N | | 0 |
| 32 | Picea engePatten, D. Golden, Co | 1959 USA | 39.73333 | -105.2 N | | 0 |
| 33 | Picea engePatten, D. Golden, Co | 1959 USA | 39.73333 | -105.2 N | | 0 |
| 34 | Picea engePatten, D. Golden, Co | 1959 USA | 39.73333 | -105.2 N | | 0 |
| 35 | Picea engePatten, D. Golden, Co | 1959 USA | 39.73333 | -105.2 N | | 0 |
| 36 | Pinus virgirSnow, A. GBeltsville E | 1953 USA | 39.03333 | -76.9167 N | | 0 |
| 37 | Pinus virgirSnow, A. GBeltsville E | 1953 USA | 39.03333 | -76.9167 N | | 0 |
| 38 | Hypericum Tisdale, E. Colville, W | 1950 USA | 48.53333 | -117.9 N | | 0 |
| 39 | Hypericum Tisdale, E. Salmon Riv | 1951 USA | 45.36667 | -115.5 N | | 0 |
| 40 | Hypericum Tisdale, E. Salmon Riv | 1951 USA | 45.43333 | -115.433 N | | 0 |
| 41 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 70 |
| 42 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 0 |
| 43 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 70 |
| 44 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 70 |
| 45 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 0 |
| 46 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 0 |
| 47 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 70 |
| 48 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 0 |
| 49 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 70 |
| 50 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 0 |
| 51 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 70 |
| 52 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 0 |
| 53 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 0 |
| 54 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 0 |
| 55 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 70 |
| 56 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 70 |
| 57 | Tsuga canSterns, F. Five popul | 1953 USA | 41.9 | -83.55 N | | 0 |
| 58 | Betula pubBlack, M. VSouthern E | 1954 UK | 51.33333 | ##### N | | 0 |
| 59 | Pinus sylveSarvas, R. Helsinki, Fi | 1949 Finland | 60.16667 | 24.93333 N | | 0 |
| 60 | Betula pubSarvas, R. Helsinki, Fi | 1949 Finland | 60.16667 | 24.93333 N | | 0 |

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|----|--------------|--------------------------|--------------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | Betula pen | Sarvas, R. Helsinki, Fi | 1949 Finland | 60.16667 | 24.93333 N | 0 |
| 4 | Betula pub | Sarvas, R. Helsinki, Fi | 1949 Finland | 60.16667 | 24.93333 N | 0 |
| 5 | Betula pen | Sarvas, R. Helsinki, Fi | 1949 Finland | 60.16667 | 24.93333 N | 0 |
| 6 | Pinus sylve | Sarvas, R. Helsinki, Fi | 1949 Finland | 60.16667 | 24.93333 N | 0 |
| 7 | Pinus strob | Baldwin, H. Hillboro, Ne | 1933 USA | 43.15 | -71.9333 N | 112 |
| 8 | Pinus strob | Baldwin, H. Hillboro, Ne | 1933 USA | 43.15 | -71.9333 N | 0 |
| 9 | Achillea mil | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 10 | Elymus ely | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 11 | Artemisia tr | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 12 | Festuca id | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 13 | Elymus ely | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 14 | Festuca id | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 15 | Artemisia tr | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 16 | Achillea mil | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 17 | Achillea mil | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 18 | Artemisia tr | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 19 | Festuca id | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 20 | Achillea mil | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 21 | Achillea mil | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 22 | Festuca id | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 23 | Elymus ely | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 24 | Elymus ely | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 25 | Artemisia tr | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 26 | Elymus ely | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 27 | Artemisia tr | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 28 | Festuca id | Richardson Certified lot | 2017 USA | 40.41667 | -111.85 N | 0 |
| 29 | Peucedanu | Kolodziejek Secondary | 2016 Poland | 50.96667 | 16.98333 N | 150 |
| 30 | Pinus cont | Haasis, F. \Shuswap L | 1927 Canada | 50.96667 | -119.283 N | 0 |
| 31 | Pinus cont | Haasis, F. \Shuswap L | 1927 Canada | 50.96667 | -119.283 N | 0 |
| 32 | Pinus cont | Haasis, F. \Shuswap L | 1927 Canada | 50.96667 | -119.283 N | 0 |
| 33 | Pinus cont | Haasis, F. \Shuswap L | 1927 Canada | 50.96667 | -119.283 N | 0 |
| 34 | Pinus cont | Haasis, F. \Shuswap L | 1927 Canada | 50.96667 | -119.283 N | 0 |
| 35 | Pinus cont | Haasis, F. \Shuswap L | 1927 Canada | 50.96667 | -119.283 N | 0 |
| 36 | Pinus cont | Haasis, F. \Shuswap L | 1927 Canada | 50.96667 | -119.283 N | 0 |
| 37 | Pinus cont | Haasis, F. \Shuswap L | 1927 Canada | 50.96667 | -119.283 N | 0 |
| 38 | Pinus cont | Haasis, F. \Mount Ida, | 1927 Canada | 50.63333 | -119.3 N | 0 |
| 39 | Pinus cont | Haasis, F. \Mount Ida, | 1927 Canada | 50.63333 | -119.3 N | 0 |
| 40 | Pinus cont | Haasis, F. \Mount Ida, | 1927 Canada | 50.63333 | -119.3 N | 0 |
| 41 | Pinus cont | Haasis, F. \Mount Ida, | 1927 Canada | 50.63333 | -119.3 N | 0 |
| 42 | Pinus cont | Haasis, F. \Mount Ida, | 1927 Canada | 50.63333 | -119.3 N | 0 |
| 43 | Pinus cont | Haasis, F. \Mount Ida, | 1927 Canada | 50.63333 | -119.3 N | 0 |
| 44 | Pinus cont | Haasis, F. \Mount Ida, | 1927 Canada | 50.63333 | -119.3 N | 0 |
| 45 | Pinus cont | Haasis, F. \Highland V | 1927 Canada | 50.56667 | -121.133 N | 0 |
| 46 | Pinus cont | Haasis, F. \Highland V | 1927 Canada | 50.56667 | -121.133 N | 0 |
| 47 | Pinus cont | Haasis, F. \Highland V | 1927 Canada | 50.56667 | -121.133 N | 0 |
| 48 | Pinus cont | Haasis, F. \Highland V | 1927 Canada | 50.56667 | -121.133 N | 0 |
| 49 | Pinus cont | Haasis, F. \Highland V | 1927 Canada | 50.56667 | -121.133 N | 0 |
| 50 | Pinus cont | Haasis, F. \Highland V | 1927 Canada | 50.56667 | -121.133 N | 0 |
| 51 | Pinus cont | Haasis, F. \Highland V | 1927 Canada | 50.56667 | -121.133 N | 0 |
| 52 | Pinus cont | Haasis, F. \Long Lake, | 1927 Canada | 49.2 | -124.017 N | 0 |
| 53 | Pinus cont | Haasis, F. \Long Lake, | 1927 Canada | 49.2 | -124.017 N | 0 |
| 54 | Pinus cont | Haasis, F. \Long Lake, | 1927 Canada | 49.2 | -124.017 N | 0 |
| 55 | Pinus cont | Haasis, F. \Long Lake, | 1927 Canada | 49.2 | -124.017 N | 0 |
| 56 | Pinus cont | Haasis, F. \Long Lake, | 1927 Canada | 49.2 | -124.017 N | 0 |
| 57 | Pinus cont | Haasis, F. \Long Lake, | 1927 Canada | 49.2 | -124.017 N | 0 |
| 58 | Pinus cont | Haasis, F. \Long Lake, | 1927 Canada | 49.2 | -124.017 N | 0 |
| 59 | Pinus cont | Haasis, F. \Long Lake, | 1927 Canada | 49.2 | -124.017 N | 0 |
| 60 | Pinus cont | Haasis, F. \Barnes Cre | 1927 Canada | 50.68333 | -121.233 N | 0 |

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|--------------------------------------|------|--------|----------|------------|----|
| Pinus contcHaasis, F. \Barnes Cre | 1927 | Canada | 50.68333 | -121.233 N | 0 |
| Pinus contcHaasis, F. \Barnes Cre | 1927 | Canada | 50.68333 | -121.233 N | 0 |
| Pinus contcHaasis, F. \Barnes Cre | 1927 | Canada | 50.68333 | -121.233 N | 0 |
| Pinus contcHaasis, F. \Upper Hat (| 1927 | Canada | 50.81667 | -121.567 N | 0 |
| Pinus contcHaasis, F. \Upper Hat (| 1927 | Canada | 50.81667 | -121.567 N | 0 |
| Pinus contcHaasis, F. \Upper Hat (| 1927 | Canada | 50.81667 | -121.567 N | 0 |
| Pinus contcHaasis, F. \Upper Hat (| 1927 | Canada | 50.81667 | -121.567 N | 0 |
| Betula lentJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8833 N | 70 |
| Betula lentJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8833 N | 0 |
| Betula alleJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8667 N | 0 |
| Betula papJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8667 N | 0 |
| Betula alleJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8667 N | 0 |
| Betula alleJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8667 N | 0 |
| Betula lentJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8833 N | 0 |
| Betula lentJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8833 N | 0 |
| Betula papJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8667 N | 0 |
| Betula lentJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8833 N | 70 |
| Betula lentJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8833 N | 70 |
| Betula lentJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8833 N | 0 |
| Betula lentJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8833 N | 70 |
| Betula alleJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8667 N | 0 |
| Betula papJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8667 N | 0 |
| Betula lentJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8833 N | 0 |
| Betula alleJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8667 N | 0 |
| Betula lentJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8833 N | 70 |
| Betula papJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8667 N | 0 |
| Betula papJoseph, H. Boyce Thor | 1926 | USA | 40.96667 | -73.8667 N | 0 |
| Cornus floriDavis, O. H Hudson Riv | 1925 | USA | 40.93333 | -73.9 N | 0 |
| Cornus floriDavis, O. H Hudson Riv | 1925 | USA | 40.93333 | -73.9 N | 0 |
| Cornus floriDavis, O. H Hudson Riv | 1925 | USA | 40.93333 | -73.9 N | 0 |
| Cornus floriDavis, O. H Hudson Riv | 1925 | USA | 40.93333 | -73.9 N | 0 |
| Maianthem Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |
| Solanum d Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |
| Achillea mil Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |
| Rhamnus c Mitchell, E. Dutchess C | 1924 | USA | 41.75 | -73.7333 N | 0 |
| Dioscorea \ Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 Y | 0 |
| Anaphalis r Mitchell, E. Dutchess C | 1924 | USA | 41.75 | -73.7333 N | 0 |
| Dioscorea \ Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |
| Rhus copal Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |
| Viburnum p Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |
| Rhus copal Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 Y | 0 |
| Rhamnus c Mitchell, E. Dutchess C | 1924 | USA | 41.75 | -73.7333 N | 0 |
| Anaphalis r Mitchell, E. Dutchess C | 1924 | USA | 41.75 | -73.7333 N | 0 |
| Rhus copal Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 Y | 0 |
| Viburnum a Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |
| Viburnum a Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |
| Maianthem Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |
| Viburnum p Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |
| Polygonatu Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |
| Dioscorea \ Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |
| Rhus copal Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |
| Polygonatu Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |
| Dioscorea \ Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 Y | 0 |
| Maianthem Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |
| Achillea mil Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |
| Maianthem Mitchell, E. Dutchess C | 1923 | USA | 41.75 | -73.7333 N | 0 |

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|----|----------------------|---------------------------|-----------------|----------|------------|-----|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | <i>Solanum</i> | dıMitchell, E. Dutchess C | 1923 USA | 41.75 | -73.7333 N | 0 |
| 4 | <i>Ilex opaca</i> | Ives, S. A. (North Carol | 1920 USA | 35.61667 | -79.1833 N | 0 |
| 5 | <i>Ilex opaca</i> | Ives, S. A. (North Carol | 1920 USA | 35.61667 | -79.1833 Y | 0 |
| 6 | <i>Ilex opaca</i> | Ives, S. A. (North Carol | 1920 USA | 35.61667 | -79.1833 Y | 0 |
| 7 | <i>Ilex opaca</i> | Ives, S. A. (North Carol | 1920 USA | 35.61667 | -79.1833 N | 0 |
| 8 | <i>Peucedanu</i> | Kolodziejek Secondary | 2016 Poland | 50.96667 | 16.98333 N | 150 |
| 9 | <i>Acer pictum</i> | Zhang, M., Estaci | 2011 China | 41.85 | 124.9 N | 0 |
| 10 | <i>Acer pictum</i> | Zhang, M., Estaci | 2011 China | 41.85 | 124.9 N | 0 |
| 11 | <i>Fraxinus m</i> | Zhang, M., Estaci | 2011 China | 41.85 | 124.9 N | 0 |
| 12 | <i>Fraxinus m</i> | Zhang, M., Estaci | 2011 China | 41.85 | 124.9 N | 0 |
| 13 | <i>Phellodend</i> | Zhang, M., Estaci | 2011 China | 41.85 | 124.9 N | 0 |
| 14 | <i>Pinus korai</i> | Zhang, M., Estaci | 2011 China | 41.85 | 124.9 N | 0 |
| 15 | <i>Phellodend</i> | Zhang, M., Estaci | 2011 China | 41.85 | 124.9 N | 0 |
| 16 | <i>Pinus korai</i> | Zhang, M., Estaci | 2011 China | 41.85 | 124.9 N | 0 |
| 17 | <i>Ribes triste</i> | Voronkova, Bystrinsky, | 2010 Russia | 55.61667 | 158.25 N | 124 |
| 18 | <i>Lycopus eu</i> | Babenko, L All-Russian | 2015 Russia | 55.75 | 37.58333 N | 0 |
| 19 | <i>Rhododenc</i> | Seong, C. IMt. Goryeo | 2013 South Kore | 37.73333 | 126.4333 N | 0 |
| 20 | <i>Rhododenc</i> | Seong, C. IMt. Goryeo | 2013 South Kore | 37.73333 | 126.4333 N | 0 |
| 21 | <i>Rhododenc</i> | Seong, C. IMt. Goryeo | 2013 South Kore | 37.73333 | 126.4333 N | 0 |
| 22 | <i>Rhododenc</i> | Seong, C. IMt. Goryeo | 2013 South Kore | 37.73333 | 126.4333 N | 0 |
| 23 | <i>Rhododenc</i> | Seong, C. IMt. Goryeo | 2013 South Kore | 37.73333 | 126.4333 N | 0 |
| 24 | <i>Rhododenc</i> | Seong, C. IMt. Goryeo | 2013 South Kore | 37.73333 | 126.4333 N | 0 |
| 25 | <i>Rhododenc</i> | Seong, C. IMt. Goryeo | 2013 South Kore | 37.73333 | 126.4333 N | 0 |
| 26 | <i>Hydrangea</i> | Lee, S. Y., Hantaek, Y | 2006 South Kore | 37.08333 | 127.4 N | 0 |
| 27 | <i>Hydrangea</i> | Lee, S. Y., Hantaek, Y | 2006 South Kore | 37.08333 | 127.4 N | 0 |
| 28 | <i>Hydrangea</i> | Lee, S. Y., Hantaek, Y | 2006 South Kore | 37.08333 | 127.4 N | 0 |
| 29 | <i>Hydrangea</i> | Lee, S. Y., Hantaek, Y | 2006 South Kore | 37.08333 | 127.4 N | 0 |
| 30 | <i>Hydrangea</i> | Lee, S. Y., Hantaek, Y | 2006 South Kore | 37.08333 | 127.4 N | 0 |
| 31 | <i>Hydrangea</i> | Lee, S. Y., Hantaek, Y | 2006 South Kore | 37.08333 | 127.4 N | 0 |
| 32 | <i>Hydrangea</i> | Lee, S. Y., Hantaek, Y | 2006 South Kore | 37.08333 | 127.4 N | 0 |
| 33 | <i>Hydrangea</i> | Lee, S. Y., Hantaek, Y | 2006 South Kore | 37.08333 | 127.4 N | 0 |
| 34 | <i>Symphyotri</i> | Kim, J. S., (Cheongwo | 2014 South Kore | 36.61667 | 127.45 N | 0 |
| 35 | <i>Symphyotri</i> | Kim, J. S., (Cheongwo | 2014 South Kore | 36.61667 | 127.45 N | 0 |
| 36 | <i>Symphyotri</i> | Kim, J. S., (Cheongwo | 2014 South Kore | 36.61667 | 127.45 N | 0 |
| 37 | <i>Symphyotri</i> | Kim, J. S., (Cheongwo | 2014 South Kore | 36.61667 | 127.45 N | 0 |
| 38 | <i>Symphyotri</i> | Kim, J. S., (Cheongwo | 2014 South Kore | 36.61667 | 127.45 N | 0 |
| 39 | <i>Symphyotri</i> | Kim, J. S., (Cheongwo | 2014 South Kore | 36.61667 | 127.45 N | 0 |
| 40 | <i>Symphyotri</i> | Kim, J. S., (Cheongwo | 2014 South Kore | 36.61667 | 127.45 N | 0 |
| 41 | <i>Symphyotri</i> | Kim, J. S., (Cheongwo | 2014 South Kore | 36.61667 | 127.45 N | 0 |
| 42 | <i>Zanthoxylu</i> | Ahn, S.-Y., Jirisan Fue | 2013 South Kore | 35.33333 | 127.7167 N | 240 |
| 43 | <i>Zanthoxylu</i> | Ahn, S.-Y., Jirisan Fue | 2013 South Kore | 35.33333 | 127.7167 Y | 240 |
| 44 | <i>Zanthoxylu</i> | Ahn, S.-Y., Jirisan Fue | 2013 South Kore | 35.33333 | 127.7167 N | 240 |
| 45 | <i>Zanthoxylu</i> | Ahn, S.-Y., Jirisan Fue | 2013 South Kore | 35.33333 | 127.7167 N | 240 |
| 46 | <i>Zanthoxylu</i> | Ahn, S.-Y., Jirisan Fue | 2013 South Kore | 35.33333 | 127.7167 Y | 240 |
| 47 | <i>Zanthoxylu</i> | Ahn, S.-Y., Jirisan Fue | 2013 South Kore | 35.33333 | 127.7167 Y | 240 |
| 48 | <i>Rhododenc</i> | Lee, J. H., (Korea Fore | 2013 South Kore | 36.96667 | 127.9167 N | 0 |
| 49 | <i>Rhododenc</i> | Lee, J. H., (Korea Fore | 2013 South Kore | 36.96667 | 127.9167 N | 0 |
| 50 | <i>Pinus pumi</i> | Lim, H.-I. KDaechong | 2014 South Kore | 38.11667 | 128.45 N | 42 |
| 51 | <i>Pinus pumi</i> | Lim, H.-I. KDaechong | 2014 South Kore | 38.11667 | 128.45 N | 0 |
| 52 | <i>Lespedeza</i> | lbyeongtae Departmen | 2003 South Kore | 36.4 | 128 N | 0 |
| 53 | <i>Robinia ps</i> | ęJastrz?bowRadomicko | 2013 Poland | 52.13333 | 14.91667 Y | 0 |
| 54 | <i>Robinia ps</i> | ęJastrz?bowRadomicko | 2013 Poland | 52.13333 | 14.91667 N | 0 |
| 55 | <i>Ligularia fis</i> | Yoon, J.-H. Yanggu, G | 2013 South Kore | 38.15 | 127.9833 N | 0 |
| 56 | <i>Ligularia fis</i> | Yoon, J.-H. Yanggu, G | 2013 South Kore | 38.15 | 127.9833 N | 0 |
| 57 | <i>Ligularia fis</i> | Yoon, J.-H. Yanggu, G | 2013 South Kore | 38.15 | 127.9833 N | 0 |
| 58 | <i>Ligularia fis</i> | Yoon, J.-H. Yanggu, G | 2013 South Kore | 38.15 | 127.9833 N | 0 |
| 59 | <i>Ligularia fis</i> | Yoon, J.-H. Yanggu, G | 2013 South Kore | 38.15 | 127.9833 N | 0 |
| 60 | <i>Pimpinella</i> | lKim, J. J., ęYeongwol, | 2013 South Kore | 37.18333 | 128.5 N | 0 |

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|------------------------------------|-----------------|----------|------------|----|
| Pimpinella Kim, J. J., εYeongwol, | 2013 South Kore | 37.18333 | 128.5 N | 0 |
| Pimpinella Kim, J. J., εYeongwol, | 2013 South Kore | 37.18333 | 128.5 N | 40 |
| Pimpinella Kim, J. J., εYeongwol, | 2013 South Kore | 37.18333 | 128.5 N | 0 |
| Pimpinella Kim, J. J., εYeongwol, | 2013 South Kore | 37.18333 | 128.5 N | 0 |
| Pimpinella Kim, J. J., εYeongwol, | 2013 South Kore | 37.18333 | 128.5 N | 0 |
| Pimpinella Kim, J. J., εYeongwol, | 2013 South Kore | 37.18333 | 128.5 N | 0 |
| Lespedeza Kang, H.-K Chungnam | 2013 South Kore | 36.51667 | 126.9333 N | 0 |
| Lespedeza Kang, H.-K Chungnam | 2013 South Kore | 36.51667 | 126.9333 N | 0 |
| Lespedeza Kang, H.-K Chungnam | 2013 South Kore | 36.51667 | 126.9333 N | 0 |
| Lespedeza Kang, H.-K Chungnam | 2013 South Kore | 36.51667 | 126.9333 N | 0 |
| MiscanthusKang, H.-K Chungchec | 2015 South Kore | 36.65 | 126.9 N | 0 |
| PhragmitesKang, H.-K Chungchec | 2015 South Kore | 36.65 | 126.9 N | 0 |
| PhragmitesKang, H.-K Chungchec | 2015 South Kore | 36.65 | 126.9 N | 0 |
| MiscanthusKang, H.-K Chungchec | 2015 South Kore | 36.65 | 126.9 N | 0 |
| MiscanthusKang, H.-K Chungchec | 2015 South Kore | 36.65 | 126.9 N | 0 |
| MiscanthusKang, H.-K Chungchec | 2015 South Kore | 36.65 | 126.9 N | 0 |
| PhragmitesKang, H.-K Chungchec | 2015 South Kore | 36.65 | 126.9 N | 0 |
| PhragmitesKang, H.-K Chungchec | 2015 South Kore | 36.65 | 126.9 N | 0 |
| MiscanthusKang, H., eSouth Kore | 2011 South Kore | 36.41667 | 127.8833 N | 0 |
| Robinia psεKim, r., et aSouth Kore | 2005 South Kore | 36.41667 | 127.9 N | 0 |
| Lespedeza Kim, r., et aSouth Kore | 2005 South Kore | 36.41667 | 127.9 N | 0 |
| Lespedeza Kang, H., eSouth Kore | 2011 South Kore | 36.41667 | 127.8833 N | 0 |
| Pinus dens Kim, r., et aSouth Kore | 2005 South Kore | 36.41667 | 127.9 N | 0 |
| Lespedeza Kang, H., eSouth Kore | 2011 South Kore | 36.41667 | 127.8833 Y | 0 |
| RhododencKang, S.-Y Daejeon, S | 2002 South Kore | 36.35 | 127.3833 N | 0 |
| RhododencKang, S.-Y Daejeon, S | 2002 South Kore | 36.35 | 127.3833 N | 0 |
| Lespedeza Young, A. 1Dankook U | 2009 South Kore | 37.31667 | 127.1167 N | 0 |
| TaraxacumLee, I.-J. (2Hayang-eu | 2012 South Kore | 35.9 | 128.7833 N | 0 |
| Hydrangea Cho, J. S., Jeju, South | 2011 South Kore | 33.38333 | 126.5667 N | 0 |
| Hydrangea Cho, J. S., Jeju, South | 2011 South Kore | 33.38333 | 126.5667 N | 0 |
| Hydrangea Cho, J. S., Jeju, South | 2011 South Kore | 33.38333 | 126.5667 N | 0 |
| Hydrangea Cho, J. S., Jeju, South | 2011 South Kore | 33.38333 | 126.5667 N | 0 |
| Hydrangea Cho, J. S., Jeju, South | 2011 South Kore | 33.38333 | 126.5667 N | 0 |
| Miscanthus jongseok aJeju, South | 2006 South Kore | 33.38333 | 126.5667 N | 0 |
| Hydrangea Cho, J. S., Jeju, South | 2011 South Kore | 33.38333 | 126.5667 N | 0 |
| Hydrangea Cho, J. S., Jeju, South | 2011 South Kore | 33.38333 | 126.5667 N | 0 |
| Hydrangea Cho, J. S., Jeju, South | 2011 South Kore | 33.38333 | 126.5667 N | 0 |
| Robinia psεJastrz?bowGestowice, | 2013 Poland | 52.15 | 14.9 Y | 0 |
| Robinia psεJastrz?bowGestowice, | 2013 Poland | 52.15 | 14.9 N | 0 |
| Robinia psεJastrz?bowRudnica, M | 2013 Poland | 51.85 | 14.18333 Y | 0 |
| Robinia psεJastrz?bowRudnica, M | 2013 Poland | 51.85 | 14.18333 N | 0 |
| MicrostegiuHuebner, C2005 collec | 2005 USA | 39.65 | -79.7833 N | 0 |
| MicrostegiuHuebner, C2008 collec | 2008 USA | 39.65 | -79.7833 N | 0 |
| MicrostegiuHuebner, C2008 collec | 2008 USA | 39.65 | -79.7833 N | 0 |
| Calluna vulHenning, KOranienbal | 2012 Germany | 51.76667 | 12.35 N | 56 |
| Calluna vulHenning, KOranienbal | 2012 Germany | 51.76667 | 12.35 N | 56 |
| Bromus tecRawlins, J. Spanish Fo | 2002 USA | 40.1 | -111.65 N | 0 |
| Bromus tecRawlins, J. Spanish Fo | 2002 USA | 40.1 | -111.65 N | 0 |
| Bromus tecHawkins, KSpanish Fo | 2011 USA | 40.1 | -111.633 N | 0 |
| Bromus tecRawlins, J. Spanish Fo | 2002 USA | 40.1 | -111.65 N | 0 |
| Bromus tecRawlins, J. Spanish Fo | 2002 USA | 40.1 | -111.65 N | 0 |
| Bromus tecRawlins, J. Spanish Fo | 2002 USA | 40.1 | -111.65 N | 0 |
| Bromus tecRawlins, J. Spanish Fo | 2002 USA | 40.1 | -111.65 N | 0 |
| Bromus tecRawlins, J. Spanish Fo | 2002 USA | 40.1 | -111.65 N | 0 |
| TaraxacumHale, A. N. Springfield, | 2005 USA | 39.15 | -84.5167 N | 0 |

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| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | NA | NA | N | 0 | 4 | 4 | 4 |
| 4 | None | N | NA | NA | N | 0 | 4 | 4 | 4 |
| 5 | None | N | NA | NA | N | 0 | 4 | 4 | 4 |
| 6 | None | N | NA | NA | N | 0 | 23 | 23 | 23 |
| 7 | None | N | NA | NA | N | 0 | 4 | 4 | 4 |
| 8 | None | N | NA | NA | N | 0 | 4 | 4 | 4 |
| 9 | None | N | NA | NA | N | 0 | 4 | 4 | 4 |
| 10 | Cold | Y | N | | 0 N | 0 | 3 | 3 | 3 |
| 11 | Cold | Y | N | | 0 N | 0 | -1 | -1 | -1 |
| 12 | Cold | Y | N | | 0 N | 0 | 13 | 13 | 13 |
| 13 | None | N | NA | NA | N | 0 | 4 | 4 | 4 |
| 14 | Cold | Y | N | | 0 N | 0 | 7 | 7 | 7 |
| 15 | Cold | Y | N | | 0 N | 0 | 11 | 11 | 11 |
| 16 | Cold | Y | N | | 0 N | 0 | 1 | 1 | 1 |
| 17 | Cold | Y | N | | 0 N | 0 | 9 | 9 | 9 |
| 18 | Cold | Y | N | | 0 N | 0 | 5 | 5 | 5 |
| 19 | Cold | Y | N | | 0 N | 0 | 0 | 0 | 0 |
| 20 | None | N | NA | NA | N | 0 | 4 | 4 | 4 |
| 21 | Cold | Y | Y | | 8 N | 0 | 20 | 20 | 20 |
| 22 | None | N | Y | | 8 N | 0 | 20 | 20 | 20 |
| 23 | Cold | Y | Y | | 8 N | 0 | 20 | 20 | 20 |
| 24 | None | N | Y | | 8 N | 0 | 20 | 20 | 20 |
| 25 | None | N | Y | | 14 Y | 5 | 25 | 20 | 22.91667 |
| 26 | Cold | Y | N | | 0 N | 0 | 20 | 20 | 20 |
| 27 | Cold | Y | Y | | 16 N | 0 | 20 | 20 | 20 |
| 28 | Cold | Y | Y | | 16 Y | 20 | 30 | 10 | 23.33333 |
| 29 | Cold | Y | N | | 0 N | 0 | 20 | 20 | 20 |
| 30 | Cold | Y | Y | | 16 N | 0 | 20 | 20 | 20 |
| 31 | Cold | Y | N | | 0 N | 0 | 20 | 20 | 20 |
| 32 | Cold | Y | N | | 0 Y | 20 | 30 | 10 | 20 |
| 33 | Cold | Y | Y | | 16 Y | 20 | 30 | 10 | 23.33333 |
| 34 | Cold | Y | N | | 0 Y | 20 | 30 | 10 | 20 |
| 35 | Cold | Y | Y | | 16 Y | 20 | 30 | 10 | 23.33333 |
| 36 | Cold | Y | Y | | 16 N | 0 | 20 | 20 | 20 |
| 37 | Cold | Y | N | | 0 N | 0 | 20 | 20 | 20 |
| 38 | Cold | Y | Y | | 16 N | 0 | 20 | 20 | 20 |
| 39 | Cold | Y | N | | 0 Y | 20 | 30 | 10 | 20 |
| 40 | Cold | Y | Y | | 16 Y | 20 | 30 | 10 | 23.33333 |
| 41 | Cold | Y | Y | | 16 Y | 20 | 30 | 10 | 23.33333 |
| 42 | Cold | Y | N | | 0 Y | 20 | 30 | 10 | 20 |
| 43 | Cold | Y | Y | | 16 N | 0 | 20 | 20 | 20 |
| 44 | Cold | Y | N | | 0 N | 0 | 20 | 20 | 20 |
| 45 | Cold | Y | N | | 0 Y | 20 | 30 | 10 | 20 |
| 46 | Cold | Y | Y | | 16 N | 0 | 20 | 20 | 20 |
| 47 | Cold | Y | Y | | 16 N | 0 | 20 | 20 | 20 |
| 48 | Cold | Y | Y | | 16 Y | 20 | 30 | 10 | 23.33333 |
| 49 | Cold | Y | N | | 0 N | 0 | 20 | 20 | 20 |
| 50 | Cold | Y | Y | | 16 Y | 20 | 30 | 10 | 23.33333 |
| 51 | Cold | Y | N | | 0 Y | 20 | 30 | 10 | 20 |
| 52 | Cold | Y | N | | 0 N | 0 | 20 | 20 | 20 |
| 53 | Cold | Y | N | | 0 Y | 20 | 30 | 10 | 20 |
| 54 | None | N | Y | | 14 N | 0 | 20 | 20 | 20 |
| 55 | None | N | Y | | 12 N | 0 | 6 | 6 | 6 |
| 56 | None | N | Y | | 12 N | 0 | 12 | 12 | 12 |
| 57 | None | N | Y | | 12 N | 0 | 18 | 18 | 18 |
| 58 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 4 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 5 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 6 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 7 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 8 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 9 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 10 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 11 | None | N | Y | | 14 N | 0 | 20 | 20 | 20 |
| 12 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 13 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 14 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 15 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 16 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 17 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 18 | Cold | Y | N | | 0 N | 0 | 5 | 5 | 5 |
| 19 | Cold | Y | N | | 0 N | 0 | 3 | 3 | 3 |
| 20 | Cold | Y | N | | 0 N | 0 | 11 | 11 | 11 |
| 21 | Cold | Y | N | | 0 N | 0 | 13 | 13 | 13 |
| 22 | Cold | Y | N | | 0 N | 0 | 9 | 9 | 9 |
| 23 | Cold | Y | N | | 0 N | 0 | 0 | 0 | 0 |
| 24 | Cold | Y | N | | 0 N | 0 | -1 | -1 | -1 |
| 25 | Cold | Y | N | | 0 N | 0 | 1 | 1 | 1 |
| 26 | Cold | Y | N | | 0 N | 0 | 7 | 7 | 7 |
| 27 | Cold | Y | NA | NA | Y | 22 | 32 | 10 | 21 |
| 28 | Cold | Y | N | | 0 N | 0 | 9 | 9 | 9 |
| 29 | Cold | Y | NA | NA | Y | 5 | 20 | 15 | 17.5 |
| 30 | Cold | Y | NA | NA | Y | 9 | 24 | 15 | 19.5 |
| 31 | Cold | Y | NA | NA | Y | 17 | 32 | 15 | 23.5 |
| 32 | Cold | Y | NA | NA | Y | 12 | 32 | 20 | 26 |
| 33 | Cold | Y | N | | 0 N | 0 | -1 | -1 | -1 |
| 34 | Cold | Y | NA | NA | N | 0 | 32 | 32 | 32 |
| 35 | Cold | Y | N | | 0 N | 0 | 11 | 11 | 11 |
| 36 | Cold | Y | N | | 0 N | 0 | 0 | 0 | 0 |
| 37 | Cold | Y | NA | NA | N | 0 | 24 | 24 | 24 |
| 38 | Cold | Y | NA | NA | Y | 10 | 20 | 10 | 15 |
| 39 | Cold | Y | N | | 0 N | 0 | 5 | 5 | 5 |
| 40 | Cold | Y | N | | 0 N | 0 | 3 | 3 | 3 |
| 41 | Cold | Y | NA | NA | Y | 12 | 27 | 15 | 21 |
| 42 | Cold | Y | NA | NA | Y | 17 | 27 | 10 | 18.5 |
| 43 | Cold | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 44 | Cold | Y | N | | 0 N | 0 | 13 | 13 | 13 |
| 45 | Cold | Y | NA | NA | Y | 7 | 27 | 20 | 23.5 |
| 46 | Cold | Y | NA | NA | N | 0 | 27 | 27 | 27 |
| 47 | Cold | Y | N | | 0 N | 0 | 7 | 7 | 7 |
| 48 | Cold | Y | N | | 0 N | 0 | 1 | 1 | 1 |
| 49 | Cold | Y | NA | NA | N | 0 | 15 | 15 | 15 |
| 50 | Cold | Y | NA | NA | N | 0 | 10 | 10 | 10 |
| 51 | Cold | Y | N | | 0 N | 0 | 13 | 13 | 13 |
| 52 | Cold | Y | N | | 0 N | 0 | 1 | 1 | 1 |
| 53 | Cold | Y | N | | 0 N | 0 | 0 | 0 | 0 |
| 54 | Cold | Y | N | | 0 N | 0 | 5 | 5 | 5 |
| 55 | Cold | Y | N | | 0 N | 0 | -1 | -1 | -1 |
| 56 | Cold | Y | N | | 0 N | 0 | 3 | 3 | 3 |
| 57 | Cold | Y | N | | 0 N | 0 | 11 | 11 | 11 |
| 58 | Cold | Y | N | | 0 N | 0 | 7 | 7 | 7 |

| | | | | | | | | | |
|----|------|---|----|----|------|----|------|------|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Cold | Y | N | | 0 N | 0 | 9 | 9 | 9 |
| 4 | Cold | Y | N | | 0 N | 0 | -1 | -1 | -1 |
| 5 | Cold | Y | N | | 0 N | 0 | 3 | 3 | 3 |
| 6 | Cold | Y | N | | 0 N | 0 | 1 | 1 | 1 |
| 7 | Cold | Y | N | | 0 N | 0 | 7 | 7 | 7 |
| 8 | Cold | Y | N | | 0 N | 0 | 11 | 11 | 11 |
| 9 | Cold | Y | N | | 0 N | 0 | 5 | 5 | 5 |
| 10 | Cold | Y | N | | 0 N | 0 | 0 | 0 | 0 |
| 11 | Cold | Y | N | | 0 N | 0 | 13 | 13 | 13 |
| 12 | Cold | Y | N | | 0 N | 0 | 9 | 9 | 9 |
| 13 | None | N | Y | | 14 N | 0 | 20 | 20 | 20 |
| 14 | Cold | Y | N | | 0 N | 0 | 5 | 5 | 5 |
| 15 | Cold | Y | N | | 0 N | 0 | -1 | -1 | -1 |
| 16 | Cold | Y | N | | 0 N | 0 | 11 | 11 | 11 |
| 17 | Cold | Y | N | | 0 N | 0 | 0 | 0 | 0 |
| 18 | Cold | Y | N | | 0 N | 0 | 1 | 1 | 1 |
| 19 | Cold | Y | N | | 0 N | 0 | 9 | 9 | 9 |
| 20 | Cold | Y | N | | 0 N | 0 | 7 | 7 | 7 |
| 21 | Cold | Y | N | | 0 N | 0 | 13 | 13 | 13 |
| 22 | Cold | Y | N | | 0 N | 0 | 3 | 3 | 3 |
| 23 | Cold | Y | N | | 0 N | 0 | 7 | 7 | 7 |
| 24 | Cold | Y | N | | 0 N | 0 | 13 | 13 | 13 |
| 25 | Cold | Y | N | | 0 N | 0 | -1 | -1 | -1 |
| 26 | Cold | Y | N | | 0 N | 0 | 3 | 3 | 3 |
| 27 | Cold | Y | N | | 0 N | 0 | 0 | 0 | 0 |
| 28 | Cold | Y | N | | 0 N | 0 | 5 | 5 | 5 |
| 29 | Cold | Y | N | | 0 N | 0 | 9 | 9 | 9 |
| 30 | Cold | Y | N | | 0 N | 0 | 11 | 11 | 11 |
| 31 | Cold | Y | N | | 0 N | 0 | 1 | 1 | 1 |
| 32 | None | N | Y | | 12 N | 0 | 20 | 20 | 20 |
| 33 | None | N | NA | NA | N | 0 | 23.5 | 23.5 | 23.5 |
| 34 | Cold | Y | NA | NA | N | 0 | 23.5 | 23.5 | 23.5 |
| 35 | Cold | Y | NA | NA | N | 0 | 23.5 | 23.5 | 23.5 |
| 36 | None | N | NA | NA | N | 0 | 23.5 | 23.5 | 23.5 |
| 37 | Cold | Y | NA | NA | N | 0 | 23.5 | 23.5 | 23.5 |
| 38 | None | N | NA | NA | N | 0 | 23.5 | 23.5 | 23.5 |
| 39 | None | N | NA | NA | N | 0 | 22.5 | 22.5 | 22.5 |
| 40 | None | N | Y | | 15 N | 0 | 25 | 25 | 25 |
| 41 | None | N | Y | | 15 N | 0 | 15 | 15 | 15 |
| 42 | None | N | Y | | 15 N | 0 | 30 | 30 | 30 |
| 43 | None | N | Y | | 15 N | 0 | 20 | 20 | 20 |
| 44 | None | N | Y | | 14 N | 0 | 20 | 20 | 20 |
| 45 | None | N | Y | | 14 Y | 10 | 25 | 15 | 20.83333 |
| 46 | Cold | Y | Y | | 14 Y | 10 | 25 | 15 | 20.83333 |
| 47 | Cold | Y | Y | | 14 Y | 10 | 25 | 15 | 20.83333 |
| 48 | Cold | Y | Y | | 14 Y | 10 | 25 | 15 | 20.83333 |
| 49 | Cold | Y | Y | | 14 Y | 10 | 25 | 15 | 20.83333 |
| 50 | None | N | Y | | 14 Y | 10 | 25 | 15 | 20.83333 |
| 51 | None | N | Y | | 12 N | 0 | 20.5 | 20.5 | 20.5 |
| 52 | None | N | Y | | 12 N | 0 | 20.5 | 20.5 | 20.5 |
| 53 | None | N | Y | | 8 N | 0 | 16 | 16 | 16 |
| 54 | Cold | Y | Y | | 15 Y | 9 | 24 | 15 | 20.625 |
| 55 | None | N | Y | | 8 N | 0 | 8 | 8 | 8 |
| 56 | Cold | Y | Y | | 15 Y | 9 | 24 | 15 | 20.625 |
| 57 | Cold | Y | Y | | 15 Y | 9 | 24 | 15 | 20.625 |
| 58 | None | N | Y | | 8 N | 0 | 20 | 20 | 20 |

| | | | | | | | | | |
|----|------|---|----|------|----|----|----|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | 8 N | 0 | 20 | 20 | 20 | |
| 4 | Cold | Y | Y | 15 Y | 9 | 24 | 15 | 20.625 | |
| 5 | None | N | Y | 8 N | 0 | 4 | 4 | 4 | |
| 6 | None | N | Y | 8 N | 0 | 20 | 20 | 20 | |
| 7 | None | N | Y | 8 N | 0 | 28 | 28 | 28 | |
| 8 | Cold | Y | Y | 15 Y | 9 | 24 | 15 | 20.625 | |
| 9 | None | N | Y | 8 N | 0 | 12 | 12 | 12 | |
| 10 | None | N | Y | 8 N | 0 | 15 | 15 | 15 | |
| 11 | None | N | Y | 8 N | 0 | 24 | 24 | 24 | |
| 12 | Cold | Y | Y | 16 Y | 10 | 30 | 20 | 26.66667 | |
| 13 | None | N | Y | 16 Y | 10 | 30 | 20 | 26.66667 | |
| 14 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 15 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 16 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 17 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 18 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 19 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 20 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 21 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 22 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 23 | Cold | Y | Y | 14 Y | 15 | 25 | 10 | 18.75 | |
| 24 | None | N | Y | 14 Y | 15 | 25 | 10 | 18.75 | |
| 25 | None | N | Y | 18 Y | 10 | 15 | 5 | 12.5 | |
| 26 | None | N | Y | 16 N | 0 | 22 | 22 | 22 | |
| 27 | None | N | Y | 14 Y | 14 | 24 | 10 | 18.16667 | |
| 28 | None | N | Y | 14 N | 0 | 20 | 20 | 20 | |
| 29 | None | N | Y | 14 Y | 14 | 24 | 10 | 18.16667 | |
| 30 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 31 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 32 | None | N | NA | NA N | 0 | 25 | 25 | 25 | |
| 33 | Cold | Y | NA | NA N | 0 | 25 | 25 | 25 | |
| 34 | None | N | Y | 8 Y | 5 | 25 | 20 | 21.66667 | |
| 35 | Cold | Y | Y | 8 Y | 5 | 25 | 20 | 21.66667 | |
| 36 | None | N | Y | 12 N | 0 | 25 | 25 | 25 | |
| 37 | None | N | Y | 12 N | 0 | 26 | 26 | 26 | |
| 38 | Cold | Y | Y | 12 N | 0 | 26 | 26 | 26 | |
| 39 | None | N | Y | 12 N | 0 | 26 | 26 | 26 | |
| 40 | None | N | Y | 12 N | 0 | 20 | 20 | 20 | |
| 41 | Cold | Y | Y | 12 N | 0 | 26 | 26 | 26 | |
| 42 | None | N | Y | 12 N | 0 | 20 | 20 | 20 | |
| 43 | Cold | Y | Y | 12 N | 0 | 13 | 13 | 13 | |
| 44 | None | N | Y | 12 N | 0 | 10 | 10 | 10 | |
| 45 | None | N | Y | 12 N | 0 | 35 | 35 | 35 | |
| 46 | Cold | Y | Y | 12 N | 0 | 10 | 10 | 10 | |
| 47 | Cold | Y | Y | 12 N | 0 | 35 | 35 | 35 | |
| 48 | None | N | Y | 12 N | 0 | 30 | 30 | 30 | |
| 49 | None | N | Y | 12 N | 0 | 25 | 25 | 25 | |
| 50 | None | N | Y | 12 N | 0 | 17 | 17 | 17 | |
| 51 | None | N | Y | 12 N | 0 | 13 | 13 | 13 | |
| 52 | Cold | Y | Y | 12 N | 0 | 17 | 17 | 17 | |
| 53 | Cold | Y | Y | 12 N | 0 | 30 | 30 | 30 | |
| 54 | Cold | Y | Y | 12 N | 0 | 25 | 25 | 25 | |
| 55 | Cold | Y | Y | 12 N | 0 | 20 | 20 | 20 | |
| 56 | None | N | Y | 12 N | 0 | 20 | 20 | 20 | |
| 57 | Cold | Y | Y | 12 N | 0 | 10 | 10 | 10 | |
| 58 | None | N | Y | 12 N | 0 | 13 | 13 | 13 | |
| 59 | None | N | Y | 12 N | 0 | 10 | 10 | 10 | |
| 60 | None | N | Y | 12 N | 0 | 10 | 10 | 10 | |

| | | | | | | | | |
|----|------|---|---|------|---|----|----|----|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | Cold | Y | Y | 12 N | 0 | 25 | 25 | 25 |
| 4 | None | N | Y | 12 N | 0 | 20 | 20 | 20 |
| 5 | None | N | Y | 12 N | 0 | 25 | 25 | 25 |
| 6 | Cold | Y | Y | 12 N | 0 | 35 | 35 | 35 |
| 7 | Cold | Y | Y | 12 N | 0 | 20 | 20 | 20 |
| 8 | None | N | Y | 12 N | 0 | 35 | 35 | 35 |
| 9 | None | N | Y | 12 N | 0 | 30 | 30 | 30 |
| 10 | Cold | Y | Y | 12 N | 0 | 13 | 13 | 13 |
| 11 | Cold | Y | Y | 12 N | 0 | 17 | 17 | 17 |
| 12 | None | N | Y | 12 N | 0 | 17 | 17 | 17 |
| 13 | Cold | Y | Y | 12 N | 0 | 30 | 30 | 30 |
| 14 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 15 | None | N | N | 0 N | 0 | 5 | 5 | 5 |
| 16 | None | N | Y | 12 N | 0 | 25 | 25 | 25 |
| 17 | None | N | Y | 12 N | 0 | 20 | 20 | 20 |
| 18 | None | N | Y | 12 N | 0 | 5 | 5 | 5 |
| 19 | None | N | N | 0 N | 0 | 25 | 25 | 25 |
| 20 | None | N | N | 0 N | 0 | 10 | 10 | 10 |
| 21 | None | N | Y | 12 N | 0 | 15 | 15 | 15 |
| 22 | None | N | Y | 12 N | 0 | 10 | 10 | 10 |
| 23 | None | N | N | 0 N | 0 | 20 | 20 | 20 |
| 24 | None | N | Y | 12 N | 0 | 10 | 10 | 10 |
| 25 | None | N | Y | 12 N | 0 | 20 | 20 | 20 |
| 26 | Cold | Y | Y | 12 N | 0 | 13 | 13 | 13 |
| 27 | Cold | Y | Y | 12 N | 0 | 30 | 30 | 30 |
| 28 | None | N | Y | 12 N | 0 | 17 | 17 | 17 |
| 29 | Cold | Y | Y | 12 N | 0 | 35 | 35 | 35 |
| 30 | None | N | Y | 12 N | 0 | 25 | 25 | 25 |
| 31 | Cold | Y | Y | 12 N | 0 | 17 | 17 | 17 |
| 32 | Cold | Y | Y | 12 N | 0 | 10 | 10 | 10 |
| 33 | None | N | Y | 12 N | 0 | 30 | 30 | 30 |
| 34 | None | N | Y | 12 N | 0 | 35 | 35 | 35 |
| 35 | Cold | Y | Y | 12 N | 0 | 20 | 20 | 20 |
| 36 | Cold | Y | Y | 12 N | 0 | 25 | 25 | 25 |
| 37 | None | N | Y | 12 N | 0 | 13 | 13 | 13 |
| 38 | Cold | Y | Y | 12 N | 0 | 20 | 20 | 20 |
| 39 | Cold | Y | Y | 12 N | 0 | 30 | 30 | 30 |
| 40 | Cold | Y | Y | 12 N | 0 | 17 | 17 | 17 |
| 41 | None | N | Y | 12 N | 0 | 30 | 30 | 30 |
| 42 | Cold | Y | Y | 12 N | 0 | 10 | 10 | 10 |
| 43 | Cold | Y | Y | 12 N | 0 | 35 | 35 | 35 |
| 44 | None | N | Y | 12 N | 0 | 17 | 17 | 17 |
| 45 | None | N | Y | 12 N | 0 | 25 | 25 | 25 |
| 46 | None | N | Y | 12 N | 0 | 13 | 13 | 13 |
| 47 | Cold | Y | Y | 12 N | 0 | 13 | 13 | 13 |
| 48 | Cold | Y | Y | 12 N | 0 | 25 | 25 | 25 |
| 49 | None | N | Y | 12 N | 0 | 35 | 35 | 35 |
| 50 | None | N | Y | 12 N | 0 | 10 | 10 | 10 |
| 51 | None | N | Y | 12 N | 0 | 20 | 20 | 20 |
| 52 | None | N | Y | 12 N | 0 | 35 | 35 | 35 |
| 53 | Cold | Y | Y | 12 N | 0 | 13 | 13 | 13 |
| 54 | Cold | Y | Y | 12 N | 0 | 35 | 35 | 35 |
| 55 | None | N | Y | 12 N | 0 | 20 | 20 | 20 |
| 56 | None | N | Y | 12 N | 0 | 30 | 30 | 30 |
| 57 | Cold | Y | Y | 12 N | 0 | 17 | 17 | 17 |
| 58 | Cold | Y | Y | 12 N | 0 | 10 | 10 | 10 |

| | | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|----|----------|
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | None | N | Y | | 12 N | | 0 | 25 | 25 | 25 |
| 4 | None | N | Y | | 12 N | | 0 | 10 | 10 | 10 |
| 5 | Cold | Y | Y | | 12 N | | 0 | 25 | 25 | 25 |
| 6 | Cold | Y | Y | | 12 N | | 0 | 20 | 20 | 20 |
| 7 | None | N | Y | | 12 N | | 0 | 13 | 13 | 13 |
| 8 | None | N | Y | | 12 N | | 0 | 17 | 17 | 17 |
| 9 | Cold | Y | Y | | 12 N | | 0 | 30 | 30 | 30 |
| 10 | None | N | NA | NA | N | | 0 | 15 | 15 | 15 |
| 11 | None | N | NA | NA | N | | 0 | 35 | 35 | 35 |
| 12 | None | N | NA | NA | N | | 0 | 20 | 20 | 20 |
| 13 | None | N | NA | NA | N | | 0 | 25 | 25 | 25 |
| 14 | None | N | NA | NA | N | | 0 | 30 | 30 | 30 |
| 15 | None | N | NA | NA | N | | 0 | 5 | 5 | 5 |
| 16 | None | N | NA | NA | N | | 0 | 10 | 10 | 10 |
| 17 | None | N | NA | NA | N | | 0 | 25 | 25 | 25 |
| 18 | None | N | NA | NA | N | | 0 | 10 | 10 | 10 |
| 19 | None | N | NA | NA | N | | 0 | 15 | 15 | 15 |
| 20 | None | N | NA | NA | N | | 0 | 20 | 20 | 20 |
| 21 | None | N | NA | NA | N | | 0 | 30 | 30 | 30 |
| 22 | None | N | NA | NA | N | | 0 | 5 | 5 | 5 |
| 23 | None | N | NA | NA | N | | 0 | 35 | 35 | 35 |
| 24 | None | N | Y | | 14 N | | 0 | 17 | 17 | 17 |
| 25 | None | N | Y | | 14 N | | 0 | 26 | 26 | 26 |
| 26 | None | N | Y | | 14 N | | 0 | 23 | 23 | 23 |
| 27 | None | N | Y | | 14 N | | 0 | 20 | 20 | 20 |
| 28 | None | N | N | | 0 Y | 10 | 10 | 30 | 20 | 25 |
| 29 | None | N | N | | 0 Y | 10 | 10 | 30 | 20 | 25 |
| 30 | Cold | Y | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 31 | Cold | Y | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 32 | Cold | Y | N | | 0 Y | 10 | 10 | 30 | 20 | 25 |
| 33 | Cold | Y | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 34 | None | N | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 35 | None | N | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 36 | None | N | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 37 | None | N | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 38 | None | N | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 39 | Cold | Y | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 40 | None | N | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 41 | None | N | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 42 | Cold | Y | Y | | 8 Y | 6 | 21 | 15 | 17 | |
| 43 | None | N | N | | 0 Y | 10 | 10 | 30 | 20 | 25 |
| 44 | Cold | Y | N | | 0 Y | 10 | 10 | 30 | 20 | 25 |
| 45 | Cold | Y | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 46 | Cold | Y | N | | 0 Y | 10 | 10 | 30 | 20 | 25 |
| 47 | None | N | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 48 | Cold | Y | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 49 | Cold | Y | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 50 | None | N | N | | 0 Y | 10 | 10 | 30 | 20 | 25 |
| 51 | None | N | N | | 0 Y | 10 | 10 | 30 | 20 | 25 |
| 52 | None | N | N | | 0 Y | 10 | 10 | 30 | 20 | 25 |
| 53 | Cold | Y | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 54 | None | N | Y | | 16 N | 0 | 23 | 23 | 23 | |
| 55 | None | N | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 56 | Cold | Y | Y | | 8 N | 0 | 3 | 3 | 3 | |
| 57 | Cold | Y | N | | 0 Y | 10 | 10 | 30 | 20 | 25 |
| 58 | Cold | Y | N | | 0 Y | 10 | 10 | 30 | 20 | 25 |
| 59 | Cold | Y | Y | | 8 Y | 10 | 10 | 30 | 20 | 23.33333 |
| 60 | | | | | | | | | | |

| | | | | | | | | | |
|----|------|---|----|------|----|----|----|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Cold | Y | N | 0 Y | 10 | 30 | 20 | 25 | |
| 4 | None | N | N | 0 Y | 10 | 30 | 20 | 25 | |
| 5 | Cold | Y | N | 0 Y | 10 | 30 | 20 | 25 | |
| 6 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 | |
| 7 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 8 | Cold | Y | N | 0 Y | 10 | 30 | 20 | 25 | |
| 9 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 10 | Cold | Y | N | 0 Y | 10 | 30 | 20 | 25 | |
| 11 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 12 | Cold | Y | N | 0 Y | 10 | 30 | 20 | 25 | |
| 13 | Cold | Y | Y | 8 Y | 6 | 21 | 15 | 17 | |
| 14 | Cold | Y | Y | 8 Y | 6 | 21 | 15 | 17 | |
| 15 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 16 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 17 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 18 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 19 | None | N | N | 0 Y | 10 | 30 | 20 | 25 | |
| 20 | None | N | N | 0 Y | 10 | 30 | 20 | 25 | |
| 21 | None | N | N | 0 Y | 10 | 30 | 20 | 25 | |
| 22 | Cold | Y | N | 0 Y | 10 | 30 | 20 | 25 | |
| 23 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 24 | None | N | N | 0 Y | 10 | 30 | 20 | 25 | |
| 25 | Cold | Y | N | 0 Y | 10 | 30 | 20 | 25 | |
| 26 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 27 | Cold | Y | Y | 8 Y | 6 | 21 | 15 | 17 | |
| 28 | None | N | N | 0 Y | 10 | 30 | 20 | 25 | |
| 29 | None | N | Y | 8 N | 0 | 25 | 25 | 25 | |
| 30 | None | N | Y | 8 N | 0 | 25 | 25 | 25 | |
| 31 | None | N | Y | 8 N | 0 | 25 | 25 | 25 | |
| 32 | None | N | Y | 8 N | 0 | 25 | 25 | 25 | |
| 33 | None | N | Y | 8 N | 0 | 25 | 25 | 25 | |
| 34 | None | N | Y | 8 N | 0 | 25 | 25 | 25 | |
| 35 | None | N | Y | 8 N | 0 | 25 | 25 | 25 | |
| 36 | Cold | Y | Y | 8 N | 0 | 25 | 25 | 25 | |
| 37 | None | N | NA | NA | 0 | 15 | 15 | 15 | |
| 38 | None | N | NA | NA | 0 | 25 | 25 | 25 | |
| 39 | Warm | Y | Y | 12 Y | 20 | 25 | 5 | 15 | |
| 40 | Warm | Y | Y | 12 N | 0 | 20 | 20 | 20 | |
| 41 | Warm | Y | Y | 12 N | 0 | 5 | 5 | 5 | |
| 42 | Warm | Y | Y | 12 N | 0 | 15 | 15 | 15 | |
| 43 | Warm | Y | Y | 12 N | 0 | 25 | 25 | 25 | |
| 44 | Warm | Y | Y | 12 N | 0 | 10 | 10 | 10 | |
| 45 | None | N | N | 0 N | 0 | 30 | 30 | 30 | |
| 46 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 47 | None | N | N | 0 Y | 10 | 30 | 20 | 25 | |
| 48 | Cold | Y | Y | 12 N | 0 | 20 | 20 | 20 | |
| 49 | None | N | N | 0 N | 0 | 5 | 5 | 5 | |
| 50 | None | N | N | 0 Y | 10 | 25 | 15 | 20 | |
| 51 | None | N | N | 0 Y | 10 | 20 | 10 | 15 | |
| 52 | None | N | N | 0 Y | 10 | 15 | 5 | 10 | |
| 53 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 54 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 55 | None | N | N | 0 N | 0 | 10 | 10 | 10 | |
| 56 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 57 | Warm | Y | Y | 14 N | 0 | 15 | 15 | 15 | |
| 58 | Cold | Y | Y | 14 N | 0 | 15 | 15 | 15 | |
| 59 | Warm | Y | Y | 14 N | 0 | 15 | 15 | 15 | |
| 60 | Warm | Y | Y | 14 N | 0 | 15 | 15 | 15 | |

| | | | | | | | | |
|----|------|---|---|------|----|----|----|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | Cold | Y | Y | 14 N | 0 | 15 | 15 | 15 |
| 4 | Cold | Y | Y | 14 N | 0 | 15 | 15 | 15 |
| 5 | Warm | Y | Y | 14 N | 0 | 15 | 15 | 15 |
| 6 | Cold | Y | Y | 14 N | 0 | 15 | 15 | 15 |
| 7 | Warm | Y | Y | 14 N | 0 | 15 | 15 | 15 |
| 8 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 9 | None | N | N | 0 N | 0 | 18 | 18 | 18 |
| 10 | None | N | N | 0 N | 0 | 12 | 12 | 12 |
| 11 | None | N | N | 0 N | 0 | 18 | 18 | 18 |
| 12 | None | N | N | 0 N | 0 | 21 | 21 | 21 |
| 13 | None | N | N | 0 N | 0 | 9 | 9 | 9 |
| 14 | Cold | Y | Y | 12 N | 0 | 27 | 27 | 27 |
| 15 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 16 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 17 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 18 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 19 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 20 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 21 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 22 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 23 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 24 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 25 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 26 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 27 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 28 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 29 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 30 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 31 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 32 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 33 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 34 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 35 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 36 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 37 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 38 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 39 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 40 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 41 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 42 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 43 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 44 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 45 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 46 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 47 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 48 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 49 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 50 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 51 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 52 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 53 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 54 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 55 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 56 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 57 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 58 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 59 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 60 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |

| | | | | | | | | |
|----|------|---|---|------|----|----|----|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 4 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 5 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 6 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 7 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 8 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 9 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 10 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 11 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 12 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 13 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 14 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 15 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 16 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 17 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 18 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 19 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 20 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 21 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 22 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 23 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 24 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 25 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 26 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 27 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 28 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 29 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 30 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 31 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 32 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 33 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 34 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 35 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 36 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 37 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 38 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 39 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 40 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 41 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 42 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 43 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 44 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 45 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 46 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 47 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 48 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 49 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 50 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 51 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 52 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 53 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 54 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 55 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 56 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 57 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 58 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 59 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |
| 60 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 |

| | | | | | | | | | |
|----|------|---|----|------|----|----|----|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 4 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 5 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 6 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 7 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 8 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 9 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 10 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 11 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 12 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 13 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 14 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 15 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 16 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 17 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 18 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 19 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 20 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 21 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 22 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 23 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 24 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 25 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 26 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 27 | Cold | Y | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 28 | None | N | Y | 14 Y | 10 | 20 | 10 | 15.83333 | |
| 29 | W+C | Y | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 30 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 31 | W+C | Y | NA | NA | 0 | 20 | 20 | 20 | |
| 32 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 33 | W+C | Y | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 34 | Cold | Y | Y | 8 N | 0 | 15 | 15 | 15 | |
| 35 | None | N | Y | 8 N | 0 | 15 | 15 | 15 | |
| 36 | Cold | Y | Y | 8 N | 0 | 15 | 15 | 15 | |
| 37 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 38 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 39 | None | N | Y | 12 N | 0 | 21 | 21 | 21 | |
| 40 | None | N | Y | 16 N | 0 | 20 | 20 | 20 | |
| 41 | Cold | Y | Y | 16 N | 0 | 20 | 20 | 20 | |
| 42 | None | N | Y | 16 N | 0 | 20 | 20 | 20 | |
| 43 | Cold | Y | Y | 16 N | 0 | 20 | 20 | 20 | |
| 44 | Cold | Y | Y | 16 N | 0 | 20 | 20 | 20 | |
| 45 | None | N | Y | 16 N | 0 | 20 | 20 | 20 | |
| 46 | None | N | Y | 18 N | 0 | 24 | 24 | 24 | |
| 47 | None | N | Y | 12 Y | 13 | 25 | 12 | 18.5 | |
| 48 | None | N | Y | 12 Y | 13 | 25 | 12 | 18.5 | |
| 49 | None | N | Y | 12 Y | 13 | 25 | 12 | 18.5 | |
| 50 | None | N | N | 0 Y | 11 | 15 | 4 | 9.5 | |
| 51 | None | N | Y | 12 Y | 13 | 20 | 7 | 13.5 | |
| 52 | W+C | Y | N | 0 Y | 15 | 25 | 10 | 17.5 | |
| 53 | C+W | Y | Y | 12 Y | 11 | 15 | 4 | 9.5 | |
| 54 | C+W | Y | Y | 12 N | 0 | 5 | 5 | 5 | |
| 55 | None | N | N | 0 Y | 13 | 20 | 7 | 13.5 | |
| 56 | C+W | Y | N | 0 N | 0 | 5 | 5 | 5 | |
| 57 | W+C | Y | N | 0 Y | 13 | 20 | 7 | 13.5 | |
| 58 | None | N | Y | 12 Y | 11 | 15 | 4 | 9.5 | |
| 59 | W+C | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 | |
| 60 | | | | | | | | | |

| | | | | | | | | |
|----|------|---|---|------|----|----|----|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 4 | C+W | Y | Y | 12 Y | 13 | 20 | 7 | 13.5 |
| 5 | W+C | Y | Y | 12 Y | 13 | 20 | 7 | 13.5 |
| 6 | W+C | Y | Y | 12 N | 0 | 5 | 5 | 5 |
| 7 | W+C | Y | Y | 12 Y | 11 | 15 | 4 | 9.5 |
| 8 | W+C | Y | N | 0 Y | 11 | 15 | 4 | 9.5 |
| 9 | None | N | N | 0 N | 0 | 5 | 5 | 5 |
| 10 | C+W | Y | N | 0 Y | 11 | 15 | 4 | 9.5 |
| 11 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 12 | W+C | Y | N | 0 N | 0 | 5 | 5 | 5 |
| 13 | C+W | Y | N | 0 Y | 13 | 20 | 7 | 13.5 |
| 14 | None | N | Y | 12 N | 0 | 5 | 5 | 5 |
| 15 | C+W | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 16 | C+W | Y | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 17 | None | N | Y | 8 Y | 5 | 25 | 20 | 21.66667 |
| 18 | Cold | Y | Y | 8 Y | 5 | 25 | 20 | 21.66667 |
| 19 | Cold | Y | Y | 8 Y | 5 | 25 | 20 | 21.66667 |
| 20 | None | N | Y | 8 Y | 5 | 25 | 20 | 21.66667 |
| 21 | None | N | Y | 8 Y | 5 | 25 | 20 | 21.66667 |
| 22 | Cold | Y | Y | 8 Y | 5 | 25 | 20 | 21.66667 |
| 23 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 |
| 24 | None | N | Y | 12 N | 0 | 25 | 25 | 25 |
| 25 | None | N | Y | 12 N | 0 | 5 | 5 | 5 |
| 26 | None | N | Y | 12 Y | 10 | 15 | 5 | 10 |
| 27 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 |
| 28 | None | N | Y | 12 N | 0 | 15 | 15 | 15 |
| 29 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 |
| 30 | Cold | Y | Y | 12 Y | 10 | 15 | 5 | 10 |
| 31 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 |
| 32 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 |
| 33 | Cold | Y | Y | 12 Y | 10 | 15 | 5 | 10 |
| 34 | Cold | Y | Y | 12 Y | 10 | 15 | 5 | 10 |
| 35 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 |
| 36 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 |
| 37 | Cold | Y | Y | 12 Y | 10 | 15 | 5 | 10 |
| 38 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 39 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 40 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 41 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 42 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 43 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 44 | Cold | Y | Y | 16 N | 0 | 27 | 27 | 27 |
| 45 | None | N | Y | 16 N | 0 | 24 | 24 | 24 |
| 46 | None | N | Y | 16 N | 0 | 24 | 24 | 24 |
| 47 | None | N | Y | 16 N | 0 | 27 | 27 | 27 |
| 48 | None | N | Y | 16 N | 0 | 27 | 27 | 27 |
| 49 | Cold | Y | Y | 16 N | 0 | 24 | 24 | 24 |
| 50 | None | N | Y | 16 N | 0 | 24 | 24 | 24 |
| 51 | None | N | Y | 16 N | 0 | 27 | 27 | 27 |
| 52 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 53 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 54 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 55 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 56 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 57 | None | N | Y | 16 N | 0 | 22 | 22 | 22 |
| 58 | None | N | Y | 12 Y | 5 | 15 | 10 | 12.5 |
| 59 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 |
| 60 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | | 12 Y | 5 | 15 | 10 | 12.5 |
| 4 | None | N | Y | | 12 Y | 10 | 30 | 20 | 25 |
| 5 | None | N | Y | | 12 Y | 5 | 15 | 10 | 12.5 |
| 6 | None | N | Y | | 12 Y | 10 | 30 | 20 | 25 |
| 7 | None | N | Y | | 24 N | 0 | 22 | 22 | 22 |
| 8 | Cold | Y | Y | | 16 N | 0 | 27 | 27 | 27 |
| 9 | Cold | Y | Y | | 16 N | 0 | 24 | 24 | 24 |
| 10 | None | N | Y | | 24 N | 0 | 22 | 22 | 22 |
| 11 | None | N | NA | NA | Y | 10 | 20 | 10 | 15 |
| 12 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 13 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 14 | None | N | NA | NA | Y | 10 | 20 | 10 | 15 |
| 15 | None | N | NA | NA | Y | 10 | 20 | 10 | 15 |
| 16 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 17 | None | N | NA | NA | Y | 10 | 20 | 10 | 15 |
| 18 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 19 | None | N | N | | 0 Y | 10 | 15 | 5 | 10 |
| 20 | None | N | N | | 0 Y | 10 | 25 | 15 | 20 |
| 21 | None | N | N | | 0 Y | 10 | 20 | 10 | 15 |
| 22 | None | N | N | | 0 Y | 10 | 15 | 5 | 10 |
| 23 | None | N | N | | 0 Y | 10 | 20 | 10 | 15 |
| 24 | None | N | N | | 0 Y | 10 | 25 | 15 | 20 |
| 25 | Cold | Y | Y | | 16 Y | 10 | 15 | 5 | 11.66667 |
| 26 | None | N | Y | | 16 Y | 10 | 15 | 5 | 11.66667 |
| 27 | Cold | Y | Y | | 16 Y | 10 | 15 | 5 | 11.66667 |
| 28 | None | N | Y | | 16 Y | 10 | 15 | 5 | 11.66667 |
| 29 | None | N | Y | | 16 Y | 10 | 15 | 5 | 11.66667 |
| 30 | Cold | Y | Y | | 16 Y | 10 | 15 | 5 | 11.66667 |
| 31 | Cold | Y | Y | | 16 N | 0 | 27 | 27 | 27 |
| 32 | None | N | Y | | 16 N | 0 | 24 | 24 | 24 |
| 33 | None | N | Y | | 16 N | 0 | 27 | 27 | 27 |
| 34 | Cold | Y | Y | | 16 N | 0 | 24 | 24 | 24 |
| 35 | None | N | Y | | 16 Y | 10 | 15 | 5 | 11.66667 |
| 36 | Cold | Y | Y | | 16 Y | 10 | 15 | 5 | 11.66667 |
| 37 | None | N | Y | | 16 Y | 10 | 15 | 5 | 11.66667 |
| 38 | Cold | Y | Y | | 16 Y | 10 | 15 | 5 | 11.66667 |
| 39 | None | N | Y | | 16 Y | 10 | 15 | 5 | 11.66667 |
| 40 | Cold | Y | Y | | 16 Y | 10 | 15 | 5 | 11.66667 |
| 41 | None | N | Y | | 16 Y | 10 | 15 | 5 | 11.66667 |
| 42 | Cold | Y | Y | | 16 Y | 10 | 15 | 5 | 11.66667 |
| 43 | None | N | Y | | 16 Y | 10 | 25 | 15 | 21.66667 |
| 44 | Cold | Y | Y | | 16 Y | 10 | 25 | 15 | 21.66667 |
| 45 | None | N | Y | | 16 Y | 10 | 25 | 15 | 21.66667 |
| 46 | Cold | Y | Y | | 12 Y | 10 | 20 | 10 | 15 |
| 47 | Cold | Y | Y | | 12 Y | 10 | 20 | 10 | 15 |
| 48 | Cold | Y | Y | | 12 Y | 10 | 20 | 10 | 15 |
| 49 | Cold | Y | Y | | 12 Y | 10 | 20 | 10 | 15 |
| 50 | W+C | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 51 | Cold | Y | Y | | 16 N | 0 | 20 | 20 | 20 |
| 52 | None | N | Y | | 16 N | 0 | 20 | 20 | 20 |
| 53 | None | N | Y | | 8 N | 0 | 5 | 5 | 5 |
| 54 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 55 | None | N | Y | | 12 Y | 11 | 15 | 4 | 9.5 |
| 56 | None | N | N | | 0 N | 0 | 5 | 5 | 5 |
| 57 | None | N | N | | 0 Y | 15 | 25 | 10 | 17.5 |
| 58 | None | N | Y | | 12 Y | 14 | 28 | 14 | 21 |

| | | | | | | | | |
|----|------|---|---|------|----|----|----|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | None | N | N | 0 Y | 14 | 28 | 14 | 21 |
| 4 | None | N | Y | 12 N | 0 | 5 | 5 | 5 |
| 5 | None | N | N | 0 Y | 11 | 15 | 4 | 9.5 |
| 6 | None | N | Y | 12 Y | 14 | 32 | 18 | 25 |
| 7 | None | N | N | 0 Y | 13 | 20 | 7 | 13.5 |
| 8 | None | N | N | 0 Y | 14 | 32 | 18 | 25 |
| 9 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 10 | None | N | Y | 12 Y | 13 | 20 | 7 | 13.5 |
| 11 | Cold | Y | Y | 16 N | 0 | 24 | 24 | 24 |
| 12 | Cold | Y | Y | 16 N | 0 | 27 | 27 | 27 |
| 13 | None | N | N | 0 N | 0 | 5 | 5 | 5 |
| 14 | None | N | N | 0 N | 0 | 20 | 20 | 20 |
| 15 | None | N | N | 0 N | 0 | 0 | 0 | 0 |
| 16 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 17 | None | N | N | 0 N | 0 | 10 | 10 | 10 |
| 18 | None | N | N | 0 N | 0 | 25 | 25 | 25 |
| 19 | Cold | Y | Y | 8 Y | 17 | 20 | 3 | 8.666667 |
| 20 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 21 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 22 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 23 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 24 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 25 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 26 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 27 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 28 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 29 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 30 | Cold | Y | Y | 8 N | 0 | 25 | 25 | 25 |
| 31 | None | N | Y | 14 N | 0 | 20 | 20 | 20 |
| 32 | None | N | Y | 14 N | 0 | 25 | 25 | 25 |
| 33 | None | N | Y | 14 N | 0 | 25 | 25 | 25 |
| 34 | None | N | Y | 14 N | 0 | 20 | 20 | 20 |
| 35 | None | N | Y | 14 N | 0 | 25 | 25 | 25 |
| 36 | None | N | Y | 14 N | 0 | 30 | 30 | 30 |
| 37 | None | N | Y | 14 N | 0 | 25 | 25 | 25 |
| 38 | None | N | Y | 14 N | 0 | 30 | 30 | 30 |
| 39 | None | N | N | 0 N | 0 | 20 | 20 | 20 |
| 40 | None | N | N | 0 N | 0 | 10 | 10 | 10 |
| 41 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 42 | None | N | N | 0 N | 0 | 5 | 5 | 5 |
| 43 | Cold | Y | Y | 8 N | 0 | 20 | 20 | 20 |
| 44 | Cold | Y | Y | 8 N | 0 | 20 | 20 | 20 |
| 45 | None | N | Y | 16 N | 0 | 20 | 20 | 20 |
| 46 | None | N | Y | 16 N | 0 | 20 | 20 | 20 |
| 47 | None | N | Y | 16 N | 0 | 20 | 20 | 20 |
| 48 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 49 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 50 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 |
| 51 | None | N | Y | 24 N | 0 | 20 | 20 | 20 |
| 52 | None | N | Y | 24 N | 0 | 20 | 20 | 20 |
| 53 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 |
| 54 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 |
| 55 | None | N | Y | 24 N | 0 | 20 | 20 | 20 |
| 56 | None | N | Y | 24 N | 0 | 20 | 20 | 20 |
| 57 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 |
| 58 | None | N | Y | 24 N | 0 | 20 | 20 | 20 |
| 59 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 |
| 60 | None | N | Y | 24 N | 0 | 20 | 20 | 20 |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Cold | Y | Y | | 24 N | 0 | 20 | 20 | 20 |
| 4 | None | N | Y | | 24 N | 0 | 20 | 20 | 20 |
| 5 | Cold | Y | Y | | 24 N | 0 | 20 | 20 | 20 |
| 6 | Cold | Y | Y | | 8 N | 0 | 20 | 20 | 20 |
| 7 | Cold | Y | Y | | 8 N | 0 | 20 | 20 | 20 |
| 8 | None | N | NA | NA | N | 0 | 3 | 3 | 3 |
| 9 | None | N | NA | NA | N | 0 | 3 | 3 | 3 |
| 10 | None | N | NA | NA | N | 0 | 3 | 3 | 3 |
| 11 | None | N | NA | NA | N | 0 | 3 | 3 | 3 |
| 12 | None | N | NA | NA | N | 0 | 3 | 3 | 3 |
| 13 | None | N | NA | NA | N | 0 | 3 | 3 | 3 |
| 14 | None | N | Y | | 16 N | 0 | 25 | 25 | 25 |
| 15 | None | N | Y | | 16 N | 0 | 10 | 10 | 10 |
| 16 | Cold | Y | Y | | 16 N | 0 | 15 | 15 | 15 |
| 17 | None | N | Y | | 16 N | 0 | 15 | 15 | 15 |
| 18 | Cold | Y | Y | | 16 N | 0 | 25 | 25 | 25 |
| 19 | Cold | Y | Y | | 16 N | 0 | 20 | 20 | 20 |
| 20 | Cold | Y | Y | | 16 N | 0 | 10 | 10 | 10 |
| 21 | None | N | Y | | 16 N | 0 | 20 | 20 | 20 |
| 22 | None | N | Y | | 12 Y | 10 | 20 | 10 | 15 |
| 23 | None | N | Y | | 12 Y | 10 | 25 | 15 | 20 |
| 24 | Cold | Y | Y | | 8 N | 0 | 20 | 20 | 20 |
| 25 | Cold | Y | Y | | 8 N | 0 | 15 | 15 | 15 |
| 26 | Cold | Y | Y | | 8 Y | 20 | 25 | 5 | 11.66667 |
| 27 | Cold | Y | Y | | 8 Y | 10 | 25 | 15 | 18.33333 |
| 28 | Cold | Y | Y | | 8 Y | 10 | 15 | 5 | 8.333333 |
| 29 | Cold | Y | Y | | 8 N | 0 | 25 | 25 | 25 |
| 30 | Cold | Y | Y | | 8 Y | 15 | 20 | 5 | 10 |
| 31 | Cold | Y | Y | | 8 N | 0 | 5 | 5 | 5 |
| 32 | Cold | Y | Y | | 8 N | 0 | 20 | 20 | 20 |
| 33 | Cold | Y | Y | | 8 N | 0 | 20 | 20 | 20 |
| 34 | Cold | Y | Y | | 8 Y | 20 | 25 | 5 | 11.66667 |
| 35 | Cold | Y | Y | | 8 Y | 10 | 15 | 5 | 8.333333 |
| 36 | Cold | Y | Y | | 8 N | 0 | 15 | 15 | 15 |
| 37 | Cold | Y | Y | | 8 N | 0 | 25 | 25 | 25 |
| 38 | Cold | Y | Y | | 8 N | 0 | 20 | 20 | 20 |
| 39 | Cold | Y | Y | | 8 Y | 10 | 25 | 15 | 18.33333 |
| 40 | Cold | Y | Y | | 8 Y | 15 | 20 | 5 | 10 |
| 41 | Cold | Y | Y | | 8 N | 0 | 5 | 5 | 5 |
| 42 | Cold | Y | Y | | 8 Y | 20 | 25 | 5 | 11.66667 |
| 43 | Cold | Y | Y | | 8 N | 0 | 25 | 25 | 25 |
| 44 | Cold | Y | Y | | 8 N | 0 | 15 | 15 | 15 |
| 45 | Cold | Y | Y | | 8 Y | 15 | 20 | 5 | 10 |
| 46 | Cold | Y | Y | | 8 Y | 10 | 25 | 15 | 18.33333 |
| 47 | Cold | Y | Y | | 8 N | 0 | 20 | 20 | 20 |
| 48 | Cold | Y | Y | | 8 Y | 10 | 15 | 5 | 8.333333 |
| 49 | Cold | Y | Y | | 8 N | 0 | 5 | 5 | 5 |
| 50 | Cold | Y | Y | | 12 Y | 10 | 25 | 15 | 20 |
| 51 | Cold | Y | Y | | 12 N | 0 | 5 | 5 | 5 |
| 52 | Cold | Y | Y | | 12 Y | 10 | 15 | 5 | 10 |
| 53 | Cold | Y | Y | | 12 Y | 10 | 20 | 10 | 15 |
| 54 | Cold | Y | Y | | 12 Y | 15 | 30 | 15 | 22.5 |
| 55 | Cold | Y | Y | | 12 Y | 10 | 25 | 15 | 20 |
| 56 | Cold | Y | Y | | 12 Y | 10 | 20 | 10 | 15 |
| 57 | Cold | Y | Y | | 12 N | 0 | 5 | 5 | 5 |
| 58 | Cold | Y | Y | | 12 Y | 10 | 15 | 5 | 10 |
| 59 | Cold | Y | Y | | 12 Y | 10 | 15 | 5 | 10 |

| | | | | | | | | | |
|----|------|---|----|----|---|----|----|----|------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Cold | Y | Y | 12 | Y | 15 | 30 | 15 | 22.5 |
| 4 | Cold | Y | Y | 12 | Y | 10 | 20 | 10 | 15 |
| 5 | Cold | Y | Y | 12 | Y | 10 | 15 | 5 | 10 |
| 6 | Cold | Y | Y | 12 | N | 0 | 5 | 5 | 5 |
| 7 | Cold | Y | Y | 12 | Y | 10 | 25 | 15 | 20 |
| 8 | Cold | Y | Y | 12 | Y | 10 | 30 | 20 | 25 |
| 9 | None | N | Y | 12 | Y | 9 | 15 | 6 | 10.5 |
| 10 | None | N | Y | 12 | N | 0 | 30 | 30 | 30 |
| 11 | Cold | Y | N | 0 | N | 0 | 20 | 20 | 20 |
| 12 | Cold | Y | Y | 12 | N | 0 | 10 | 10 | 10 |
| 13 | None | N | Y | 12 | Y | 10 | 20 | 10 | 15 |
| 14 | None | N | N | 0 | Y | 10 | 20 | 10 | 15 |
| 15 | Cold | Y | N | 0 | Y | 9 | 15 | 6 | 10.5 |
| 16 | None | N | Y | 12 | N | 0 | 25 | 25 | 25 |
| 17 | None | N | Y | 12 | N | 0 | 20 | 20 | 20 |
| 18 | None | N | Y | 12 | N | 0 | 10 | 10 | 10 |
| 19 | None | N | Y | 12 | Y | 10 | 25 | 15 | 20 |
| 20 | None | N | Y | 12 | Y | -4 | 25 | 29 | 27 |
| 21 | None | N | Y | 12 | Y | 5 | 15 | 10 | 12.5 |
| 22 | None | N | Y | 12 | Y | 5 | 30 | 25 | 27.5 |
| 23 | None | N | N | 0 | N | 0 | 10 | 10 | 10 |
| 24 | None | N | Y | 12 | Y | 5 | 20 | 15 | 17.5 |
| 25 | None | N | Y | 12 | Y | 20 | 30 | 10 | 20 |
| 26 | None | N | N | 0 | Y | 9 | 15 | 6 | 10.5 |
| 27 | None | N | Y | 12 | Y | 10 | 30 | 20 | 25 |
| 28 | None | N | Y | 12 | N | 0 | 20 | 20 | 20 |
| 29 | None | N | Y | 12 | Y | 10 | 20 | 10 | 15 |
| 30 | None | N | Y | 12 | N | 0 | 10 | 10 | 10 |
| 31 | None | N | N | 0 | N | 0 | 20 | 20 | 20 |
| 32 | Cold | Y | Y | 12 | Y | 10 | 20 | 10 | 15 |
| 33 | Cold | Y | N | 0 | Y | 10 | 20 | 10 | 15 |
| 34 | None | N | Y | 12 | Y | 15 | 25 | 10 | 17.5 |
| 35 | None | N | Y | 12 | Y | 15 | 30 | 15 | 22.5 |
| 36 | Cold | Y | Y | 12 | Y | 9 | 15 | 6 | 10.5 |
| 37 | Cold | Y | Y | 12 | N | 0 | 20 | 20 | 20 |
| 38 | Cold | Y | Y | 8 | Y | 9 | 25 | 16 | 19 |
| 39 | Cold | Y | Y | 16 | N | 0 | 15 | 15 | 15 |
| 40 | Cold | Y | Y | 16 | N | 0 | 15 | 15 | 15 |
| 41 | Cold | Y | Y | 16 | N | 0 | 15 | 15 | 15 |
| 42 | Cold | Y | Y | 8 | N | 0 | 20 | 20 | 20 |
| 43 | Cold | Y | Y | 8 | N | 0 | 20 | 20 | 20 |
| 44 | Cold | Y | Y | 16 | N | 0 | 15 | 15 | 15 |
| 45 | Cold | Y | Y | 16 | N | 0 | 15 | 15 | 15 |
| 46 | Cold | Y | Y | 16 | N | 0 | 15 | 15 | 15 |
| 47 | Cold | Y | Y | 16 | N | 0 | 15 | 15 | 15 |
| 48 | Cold | Y | Y | 16 | N | 0 | 15 | 15 | 15 |
| 49 | Cold | Y | Y | 16 | N | 0 | 15 | 15 | 15 |
| 50 | Cold | Y | Y | 16 | N | 0 | 15 | 15 | 15 |
| 51 | Cold | Y | Y | 16 | N | 0 | 15 | 15 | 15 |
| 52 | Cold | Y | Y | 16 | N | 0 | 15 | 15 | 15 |
| 53 | Cold | Y | Y | 16 | N | 0 | 15 | 15 | 15 |
| 54 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 55 | None | N | NA | NA | N | 0 | 35 | 35 | 35 |
| 56 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 57 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 58 | None | N | NA | NA | N | 0 | 30 | 30 | 30 |
| 59 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 60 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |

| | | | | | | | | | |
|----|------|---|----|------|----|----|----|----------|----|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 4 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 5 | None | N | NA | NA | N | 0 | 30 | 30 | 30 |
| 6 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 7 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 8 | None | N | NA | NA | N | 0 | 35 | 35 | 35 |
| 9 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 10 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 11 | None | N | NA | NA | N | 0 | 30 | 30 | 30 |
| 12 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 13 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 14 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 15 | None | N | NA | NA | N | 0 | 35 | 35 | 35 |
| 16 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 17 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 18 | None | N | NA | NA | N | 0 | 35 | 35 | 35 |
| 19 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 20 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 21 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 22 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 23 | None | N | NA | NA | N | 0 | 30 | 30 | 30 |
| 24 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 25 | None | N | NA | NA | N | 0 | 30 | 20 | 25 |
| 26 | Cold | Y | Y | 8 Y | 5 | 25 | 20 | 21.66667 | |
| 27 | None | N | Y | 16 Y | 7 | 25 | 18 | 22.66667 | |
| 28 | None | N | Y | 16 Y | 7 | 25 | 18 | 22.66667 | |
| 29 | None | N | Y | 16 Y | 7 | 25 | 18 | 22.66667 | |
| 30 | Cold | Y | Y | 8 Y | 5 | 25 | 20 | 21.66667 | |
| 31 | Cold | Y | Y | 8 Y | 5 | 25 | 20 | 21.66667 | |
| 32 | Cold | Y | Y | 8 Y | 5 | 25 | 20 | 21.66667 | |
| 33 | Cold | Y | Y | 16 N | 0 | 20 | 20 | 20 | |
| 34 | None | N | Y | 8 N | 0 | 25 | 25 | 25 | |
| 35 | None | N | Y | 8 N | 0 | 25 | 25 | 25 | |
| 36 | None | N | Y | 8 N | 0 | 25 | 25 | 25 | |
| 37 | None | N | Y | 24 N | 0 | 12 | 12 | 12 | |
| 38 | None | N | N | 0 N | 0 | 24 | 24 | 24 | |
| 39 | None | N | Y | 24 N | 0 | 18 | 18 | 18 | |
| 40 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 41 | None | N | Y | 24 N | 0 | 30 | 30 | 30 | |
| 42 | None | N | Y | 24 N | 0 | 22 | 22 | 22 | |
| 43 | None | N | Y | 24 N | 0 | 26 | 26 | 26 | |
| 44 | None | N | N | 0 N | 0 | 26 | 26 | 26 | |
| 45 | None | N | N | 0 N | 0 | 30 | 30 | 30 | |
| 46 | None | N | Y | 24 N | 0 | 14 | 14 | 14 | |
| 47 | None | N | Y | 24 N | 0 | 16 | 16 | 16 | |
| 48 | None | N | Y | 12 Y | 10 | 35 | 25 | 30 | |
| 49 | None | N | Y | 24 N | 0 | 28 | 28 | 28 | |
| 50 | None | N | N | 0 N | 0 | 14 | 14 | 14 | |
| 51 | None | N | N | 0 N | 0 | 22 | 22 | 22 | |
| 52 | None | N | Y | 24 N | 0 | 24 | 24 | 24 | |
| 53 | None | N | N | 0 N | 0 | 18 | 18 | 18 | |
| 54 | None | N | N | 0 N | 0 | 12 | 12 | 12 | |
| 55 | None | N | N | 0 N | 0 | 28 | 28 | 28 | |
| 56 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 57 | None | N | N | 0 N | 0 | 16 | 16 | 16 | |
| 58 | None | N | Y | 12 Y | 10 | 15 | 5 | 10 | |

| | | | | | | | | | |
|----|------|---|----|----|----|---|----|------|------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | | 24 | N | 0 | 20 | 20 |
| 4 | None | N | NA | NA | | N | 0 | 25 | 25 |
| 5 | Cold | Y | NA | NA | | N | 0 | 25 | 25 |
| 6 | Cold | Y | NA | NA | | N | 0 | 25 | 25 |
| 7 | None | N | NA | NA | | N | 0 | 25 | 25 |
| 8 | None | N | Y | | 16 | Y | 5 | 25 | 20 |
| 9 | None | N | NA | NA | | Y | 10 | 30 | 20 |
| 10 | None | N | Y | | 12 | N | 0 | 22 | 22 |
| 11 | None | N | Y | | 12 | N | 0 | 22 | 22 |
| 12 | W+C | Y | Y | | 16 | Y | 15 | 30 | 15 |
| 13 | W+C | Y | Y | | 16 | Y | 15 | 30 | 15 |
| 14 | None | N | Y | | 12 | Y | 6 | 24 | 18 |
| 15 | None | N | Y | | 12 | Y | 6 | 8 | 2 |
| 16 | None | N | Y | | 12 | Y | 6 | 24 | 18 |
| 17 | None | N | Y | | 12 | Y | 5 | 20 | 15 |
| 18 | None | N | Y | | 12 | Y | 6 | 12 | 6 |
| 19 | None | N | Y | | 12 | Y | 5 | 15 | 10 |
| 20 | None | N | Y | | 12 | Y | 6 | 12 | 6 |
| 21 | None | N | Y | | 12 | Y | 5 | 15 | 10 |
| 22 | None | N | Y | | 12 | Y | 5 | 20 | 15 |
| 23 | None | N | Y | | 16 | Y | 15 | 30 | 15 |
| 24 | W+C | Y | Y | | 16 | Y | 15 | 30 | 15 |
| 25 | W+C | Y | Y | | 16 | Y | 15 | 30 | 15 |
| 26 | W+C | Y | Y | | 16 | Y | 15 | 30 | 15 |
| 27 | W+C | Y | Y | | 16 | Y | 15 | 30 | 15 |
| 28 | W+C | Y | Y | | 16 | Y | 15 | 30 | 15 |
| 29 | W+C | Y | Y | | 16 | Y | 15 | 30 | 15 |
| 30 | None | N | N | | 0 | N | 0 | 22 | 22 |
| 31 | None | N | N | | 0 | N | 0 | 20 | 20 |
| 32 | None | N | N | | 0 | N | 0 | 20 | 20 |
| 33 | Cold | Y | N | | 0 | N | 0 | 20 | 20 |
| 34 | Cold | Y | Y | | 8 | Y | 10 | 25 | 15 |
| 35 | None | N | Y | | 16 | N | 0 | 24 | 24 |
| 36 | None | N | N | | 0 | N | 0 | 20 | 20 |
| 37 | None | N | N | | 0 | N | 0 | 20 | 20 |
| 38 | None | N | NA | NA | | Y | 10 | 30 | 20 |
| 39 | Cold | Y | Y | | 12 | N | 0 | 22 | 22 |
| 40 | None | N | Y | | 12 | Y | 8 | 26 | 18 |
| 41 | Cold | Y | Y | | 12 | Y | 8 | 26 | 18 |
| 42 | None | N | Y | | 12 | Y | 16 | 30 | 14 |
| 43 | None | N | Y | | 12 | N | 0 | 22 | 22 |
| 44 | Cold | Y | Y | | 12 | Y | 16 | 30 | 14 |
| 45 | None | N | Y | | 16 | N | 0 | 22 | 22 |
| 46 | Cold | Y | N | | 0 | Y | 10 | 30 | 20 |
| 47 | None | N | N | | 0 | Y | 10 | 30 | 20 |
| 48 | None | N | N | | 0 | N | 0 | 3 | 3 |
| 49 | None | N | N | | 0 | N | 0 | 3 | 3 |
| 50 | None | N | N | | 0 | N | 0 | 3 | 3 |
| 51 | W+C | Y | Y | | 8 | N | 0 | 15 | 15 |
| 52 | W+C | Y | Y | | 8 | Y | 10 | 15 | 5 |
| 53 | None | N | Y | | 12 | N | 0 | 5.3 | 5.3 |
| 54 | None | N | Y | | 12 | N | 0 | 14.5 | 14.5 |
| 55 | None | N | Y | | 12 | N | 0 | 26.5 | 26.5 |
| 56 | None | N | Y | | 12 | N | 0 | 10.9 | 10.9 |
| 57 | None | N | Y | | 12 | N | 0 | 12.7 | 12.7 |
| 58 | None | N | Y | | 12 | N | 0 | 19.4 | 19.4 |
| 59 | None | N | Y | | 12 | N | 0 | 16.1 | 16.1 |
| 60 | None | N | Y | | 12 | N | 0 | 16.1 | 16.1 |

| | | | | | | | | | |
|----|------|---|----|----|----|---|----|------|------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | | 12 | N | 0 | 25 | 25 |
| 4 | None | N | NA | NA | | N | 0 | 22 | 22 |
| 5 | None | N | Y | | 12 | Y | 12 | 32 | 20 |
| 6 | None | N | Y | | 12 | Y | 4 | 8 | 4 |
| 7 | None | N | Y | | 12 | Y | 10 | 20 | 10 |
| 8 | None | N | Y | | 12 | Y | 15 | 30 | 15 |
| 9 | None | N | Y | | 12 | Y | 15 | 30 | 15 |
| 10 | None | N | Y | | 12 | Y | 9 | 15 | 6 |
| 11 | None | N | Y | | 12 | N | 0 | 5 | 5 |
| 12 | None | N | Y | | 12 | Y | 10 | 20 | 10 |
| 13 | None | N | Y | | 12 | Y | 10 | 20 | 10 |
| 14 | None | N | Y | | 12 | Y | 9 | 15 | 6 |
| 15 | None | N | Y | | 12 | N | 0 | 5 | 5 |
| 16 | Cold | Y | N | | 0 | Y | 10 | 25 | 15 |
| 17 | None | N | Y | | 14 | N | 0 | 5 | 5 |
| 18 | Cold | Y | N | | 0 | Y | 9 | 15 | 6 |
| 19 | None | N | Y | | 14 | Y | 9 | 15 | 6 |
| 20 | None | N | Y | | 14 | Y | 15 | 30 | 15 |
| 21 | None | N | Y | | 14 | Y | 15 | 35 | 20 |
| 22 | Cold | Y | N | | 0 | Y | 10 | 25 | 15 |
| 23 | Cold | Y | N | | 0 | Y | 15 | 30 | 15 |
| 24 | None | N | Y | | 14 | Y | 10 | 25 | 15 |
| 25 | Cold | Y | N | | 0 | Y | 10 | 20 | 10 |
| 26 | None | N | Y | | 14 | Y | 10 | 20 | 10 |
| 27 | Cold | Y | N | | 0 | Y | 15 | 35 | 20 |
| 28 | None | N | Y | | 12 | N | 0 | 25 | 25 |
| 29 | None | N | Y | | 12 | N | 0 | 25 | 25 |
| 30 | None | N | Y | | 12 | N | 0 | 25 | 25 |
| 31 | Cold | Y | Y | | 12 | N | 0 | 25 | 25 |
| 32 | None | N | Y | | 14 | Y | 8 | 28 | 20 |
| 33 | Cold | Y | Y | | 12 | N | 0 | 17.5 | 17.5 |
| 34 | Cold | Y | Y | | 12 | N | 0 | 30 | 30 |
| 35 | None | N | Y | | 12 | N | 0 | 15 | 15 |
| 36 | None | N | Y | | 12 | N | 0 | 20 | 20 |
| 37 | Cold | Y | Y | | 12 | N | 0 | 27.5 | 27.5 |
| 38 | None | N | N | | 0 | N | 0 | 23 | 23 |
| 39 | Cold | Y | Y | | 12 | N | 0 | 12.5 | 12.5 |
| 40 | Cold | Y | Y | | 12 | N | 0 | 5 | 5 |
| 41 | Cold | Y | Y | | 12 | N | 0 | 10 | 10 |
| 42 | Cold | Y | Y | | 12 | N | 0 | 22.5 | 22.5 |
| 43 | None | N | Y | | 12 | N | 0 | 22.5 | 22.5 |
| 44 | None | N | Y | | 12 | N | 0 | 10 | 10 |
| 45 | None | N | Y | | 12 | N | 0 | 10 | 10 |
| 46 | W+C | Y | Y | | 14 | N | 0 | 20 | 20 |
| 47 | None | N | Y | | 12 | N | 0 | 5 | 5 |
| 48 | None | N | Y | | 12 | Y | 10 | 20 | 10 |
| 49 | None | N | Y | | 12 | N | 0 | 23 | 23 |
| 50 | None | N | Y | | 12 | N | 0 | 10 | 10 |
| 51 | None | N | N | | 0 | Y | 10 | 20 | 10 |
| 52 | None | N | Y | | 12 | N | 0 | 30 | 30 |
| 53 | Cold | Y | Y | | 12 | N | 0 | 20 | 20 |
| 54 | Cold | Y | Y | | 12 | N | 0 | 7.5 | 7.5 |
| 55 | None | N | Y | | 12 | N | 0 | 7.5 | 7.5 |
| 56 | None | N | Y | | 12 | N | 0 | 25 | 25 |
| 57 | None | N | Y | | 12 | N | 0 | 5 | 5 |
| 58 | None | N | Y | | 12 | N | 0 | 30 | 30 |
| 59 | None | N | Y | | 12 | N | 0 | 30 | 30 |
| 60 | None | N | Y | | 12 | N | 0 | 30 | 30 |

| | | | | | | | | | |
|----|------|---|----|----|---|----|------|------|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | 12 | N | 0 | 23 | 23 | 23 |
| 4 | None | N | Y | 12 | N | 0 | 12.5 | 12.5 | 12.5 |
| 5 | Cold | Y | Y | 12 | N | 0 | 25 | 25 | 25 |
| 6 | None | N | Y | 12 | N | 0 | 27.5 | 27.5 | 27.5 |
| 7 | None | N | Y | 12 | Y | 10 | 20 | 10 | 15 |
| 8 | None | N | Y | 12 | N | 0 | 30 | 30 | 30 |
| 9 | None | N | Y | 12 | N | 0 | 5 | 5 | 5 |
| 10 | None | N | Y | 12 | N | 0 | 23 | 23 | 23 |
| 11 | None | N | Y | 12 | N | 0 | 23 | 23 | 23 |
| 12 | Cold | Y | Y | 12 | N | 0 | 15 | 15 | 15 |
| 13 | None | N | Y | 12 | Y | 10 | 20 | 10 | 15 |
| 14 | None | N | Y | 12 | N | 0 | 17.5 | 17.5 | 17.5 |
| 15 | None | N | Y | 12 | N | 0 | 10 | 10 | 10 |
| 16 | None | N | Y | 12 | N | 0 | 5 | 5 | 5 |
| 17 | None | N | N | 0 | N | 0 | 10 | 10 | 10 |
| 18 | None | N | N | 0 | N | 0 | 5 | 5 | 5 |
| 19 | None | N | Y | 16 | N | 0 | 24 | 24 | 24 |
| 20 | None | N | Y | 12 | N | 0 | 20 | 20 | 20 |
| 21 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 22 | None | N | NA | NA | N | 0 | 30 | 30 | 30 |
| 23 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 24 | None | N | NA | NA | N | 0 | 22 | 22 | 22 |
| 25 | None | N | N | 0 | N | 0 | 21 | 21 | 21 |
| 26 | None | N | N | 0 | N | 0 | 21 | 21 | 21 |
| 27 | None | N | N | 0 | N | 0 | 21 | 21 | 21 |
| 28 | None | N | N | 0 | N | 0 | 21 | 21 | 21 |
| 29 | None | N | N | 0 | N | 0 | 21 | 21 | 21 |
| 30 | None | N | N | 0 | N | 0 | 21 | 21 | 21 |
| 31 | None | N | Y | 12 | N | 0 | 35.6 | 35.6 | 35.6 |
| 32 | None | N | Y | 12 | N | 0 | 14.9 | 14.9 | 14.9 |
| 33 | None | N | Y | 12 | N | 0 | 21.9 | 21.9 | 21.9 |
| 34 | None | N | Y | 12 | N | 0 | 16.6 | 16.6 | 16.6 |
| 35 | None | N | Y | 12 | N | 0 | 29 | 29 | 29 |
| 36 | None | N | Y | 12 | N | 0 | 19.2 | 19.2 | 19.2 |
| 37 | None | N | Y | 12 | N | 0 | 10.3 | 10.3 | 10.3 |
| 38 | None | N | Y | 12 | N | 0 | 25.5 | 25.5 | 25.5 |
| 39 | None | N | Y | 16 | Y | 8 | 24 | 16 | 21.33333 |
| 40 | None | N | Y | 16 | Y | 8 | 24 | 16 | 21.33333 |
| 41 | None | N | Y | 16 | Y | 8 | 24 | 16 | 21.33333 |
| 42 | None | N | Y | 16 | Y | 8 | 24 | 16 | 21.33333 |
| 43 | None | N | Y | 16 | Y | 10 | 25 | 15 | 21.66667 |
| 44 | Cold | Y | Y | 12 | Y | 5 | 30 | 25 | 27.5 |
| 45 | None | N | NA | NA | N | 0 | 22 | 22 | 22 |
| 46 | None | N | Y | 14 | Y | 10 | 20 | 10 | 15.83333 |
| 47 | None | N | Y | 14 | Y | 9 | 15 | 6 | 11.25 |
| 48 | Cold | Y | Y | 14 | Y | 10 | 20 | 10 | 15.83333 |
| 49 | Cold | Y | Y | 14 | Y | 9 | 15 | 6 | 11.25 |
| 50 | W+C | Y | Y | 14 | Y | 10 | 20 | 10 | 15.83333 |
| 51 | W+C | Y | Y | 14 | Y | 10 | 25 | 15 | 20.83333 |
| 52 | Cold | Y | Y | 14 | Y | 10 | 25 | 15 | 20.83333 |
| 53 | None | N | Y | 14 | Y | 10 | 25 | 15 | 20.83333 |
| 54 | W+C | Y | Y | 14 | Y | 9 | 15 | 6 | 11.25 |
| 55 | None | N | Y | 16 | N | 0 | 16 | 16 | 16 |
| 56 | None | N | Y | 16 | Y | 5 | 21 | 16 | 19.33333 |
| 57 | None | N | Y | 16 | N | 0 | 16 | 16 | 16 |
| 58 | None | N | Y | 16 | Y | 5 | 21 | 16 | 19.33333 |
| 59 | None | N | Y | 16 | Y | 6 | 24 | 18 | 22 |
| 60 | None | N | Y | 16 | Y | 6 | 24 | 18 | 22 |

| | | | | | | | | | | |
|----|------|---|----|----|----|---|----|------|------|----------|
| 2 | | | | | | | | | | |
| 3 | Cold | Y | Y | | 16 | Y | 6 | 24 | 18 | 22 |
| 4 | None | N | Y | | 12 | Y | 5 | 22.5 | 17.5 | 20 |
| 5 | None | N | Y | | 12 | Y | 5 | 22.5 | 17.5 | 20 |
| 6 | W+C | Y | Y | | 14 | N | 0 | 20 | 20 | 20 |
| 7 | W+C | Y | Y | | 14 | N | 0 | 20 | 20 | 20 |
| 8 | W+C | Y | Y | | 14 | N | 0 | 20 | 20 | 20 |
| 9 | W+C | Y | Y | | 14 | N | 0 | 20 | 20 | 20 |
| 10 | Cold | Y | Y | | 24 | N | 0 | 20 | 20 | 20 |
| 11 | None | N | Y | | 24 | N | 0 | 20 | 20 | 20 |
| 12 | W+C | Y | Y | | 14 | N | 0 | 20 | 20 | 20 |
| 13 | None | N | NA | NA | | N | 0 | 22 | 22 | 22 |
| 14 | W+C | Y | Y | | 14 | N | 0 | 20 | 20 | 20 |
| 15 | Cold | Y | Y | | 12 | Y | 8 | 23 | 15 | 19 |
| 16 | None | N | Y | | 12 | Y | 8 | 23 | 15 | 19 |
| 17 | Warm | Y | Y | | 12 | Y | 8 | 23 | 15 | 19 |
| 18 | None | N | Y | | 12 | Y | 8 | 23 | 15 | 19 |
| 19 | W+C | Y | NA | NA | | Y | 17 | 20 | 3 | 11.5 |
| 20 | None | N | Y | | 12 | N | 0 | 23 | 23 | 23 |
| 21 | None | N | Y | | 12 | N | 0 | 23 | 23 | 23 |
| 22 | None | N | Y | | 12 | N | 0 | 23 | 23 | 23 |
| 23 | None | N | Y | | 12 | N | 0 | 23 | 23 | 23 |
| 24 | None | N | Y | | 12 | N | 0 | 23 | 23 | 23 |
| 25 | None | N | Y | | 12 | Y | 10 | 30 | 20 | 25 |
| 26 | Cold | Y | Y | | 12 | Y | 10 | 30 | 20 | 25 |
| 27 | W+C | Y | NA | NA | | Y | 12 | 15 | 3 | 9 |
| 28 | W+C | Y | NA | NA | | N | 0 | 3 | 3 | 3 |
| 29 | W+C | Y | NA | NA | | Y | 17 | 20 | 3 | 11.5 |
| 30 | Cold | Y | Y | | 16 | N | 0 | 24 | 24 | 24 |
| 31 | None | N | NA | NA | | N | 0 | 22 | 22 | 22 |
| 32 | Cold | Y | Y | | 16 | N | 0 | 24 | 24 | 24 |
| 33 | Cold | Y | Y | | 16 | N | 0 | 24 | 24 | 24 |
| 34 | Cold | Y | Y | | 16 | N | 0 | 23 | 23 | 23 |
| 35 | Cold | Y | Y | | 16 | N | 0 | 23 | 23 | 23 |
| 36 | None | N | Y | | 13 | Y | 10 | 20 | 10 | 15.41667 |
| 37 | None | N | Y | | 13 | Y | 10 | 20 | 10 | 15.41667 |
| 38 | None | N | Y | | 12 | N | 0 | 15 | 15 | 15 |
| 39 | None | N | Y | | 12 | Y | 10 | 25 | 15 | 20 |
| 40 | None | N | Y | | 12 | N | 0 | 30 | 30 | 30 |
| 41 | None | N | N | | 0 | N | 0 | 25 | 25 | 25 |
| 42 | None | N | Y | | 12 | N | 0 | 10 | 10 | 10 |
| 43 | None | N | Y | | 12 | N | 0 | 25 | 25 | 25 |
| 44 | None | N | Y | | 12 | N | 0 | 35 | 35 | 35 |
| 45 | None | N | Y | | 12 | N | 0 | 20 | 20 | 20 |
| 46 | None | N | Y | | 12 | Y | 9 | 15 | 6 | 10.5 |
| 47 | None | N | Y | | 12 | N | 0 | 10 | 10 | 10 |
| 48 | None | N | Y | | 12 | N | 0 | 23 | 23 | 23 |
| 49 | None | N | Y | | 12 | N | 0 | 5 | 5 | 5 |
| 50 | None | N | Y | | 12 | Y | 10 | 20 | 10 | 15 |
| 51 | Cold | Y | Y | | 12 | N | 0 | 23 | 23 | 23 |
| 52 | None | N | Y | | 12 | Y | 10 | 20 | 10 | 15 |
| 53 | Cold | Y | Y | | 12 | N | 0 | 10 | 10 | 10 |
| 54 | None | N | N | | 0 | Y | 10 | 20 | 10 | 15 |
| 55 | Cold | Y | Y | | 12 | Y | 10 | 20 | 10 | 15 |
| 56 | None | N | N | | 0 | N | 0 | 10 | 10 | 10 |
| 57 | Cold | Y | Y | | 12 | Y | 10 | 20 | 10 | 15 |
| 58 | Cold | Y | Y | | 12 | N | 0 | 10 | 10 | 10 |
| 59 | None | N | N | | 0 | N | 0 | 23 | 23 | 23 |

| | | | | | | | | |
|----|------|---|---|------|----|----|----|------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | Cold | Y | Y | 12 N | 0 | 23 | 23 | 23 |
| 4 | None | N | Y | 12 N | 0 | 23 | 23 | 23 |
| 5 | None | N | N | 0 Y | 10 | 30 | 20 | 25 |
| 6 | Cold | Y | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 7 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 |
| 8 | None | N | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 9 | Cold | Y | N | 0 Y | 9 | 15 | 6 | 10.5 |
| 10 | None | N | Y | 12 N | 0 | 23 | 23 | 23 |
| 11 | None | N | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 12 | None | N | N | 0 N | 0 | 23 | 23 | 23 |
| 13 | Cold | Y | Y | 12 Y | 10 | 30 | 20 | 25 |
| 14 | Warm | Y | N | 0 Y | 10 | 20 | 10 | 15 |
| 15 | Cold | Y | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 16 | None | N | Y | 12 N | 0 | 10 | 10 | 10 |
| 17 | Warm | Y | N | 0 N | 0 | 23 | 23 | 23 |
| 18 | Warm | Y | Y | 12 N | 0 | 23 | 23 | 23 |
| 19 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 |
| 20 | Cold | Y | N | 0 N | 0 | 23 | 23 | 23 |
| 21 | None | N | N | 0 Y | 9 | 15 | 6 | 10.5 |
| 22 | None | N | N | 0 Y | 10 | 20 | 10 | 15 |
| 23 | Cold | Y | N | 0 N | 0 | 10 | 10 | 10 |
| 24 | Cold | Y | N | 0 N | 0 | 10 | 10 | 10 |
| 25 | Warm | Y | N | 0 Y | 10 | 20 | 10 | 15 |
| 26 | Cold | Y | N | 0 Y | 10 | 20 | 10 | 15 |
| 27 | Warm | Y | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 28 | None | N | N | 0 Y | 10 | 30 | 20 | 25 |
| 29 | Cold | Y | Y | 12 Y | 10 | 30 | 20 | 25 |
| 30 | Cold | Y | N | 0 N | 0 | 10 | 10 | 10 |
| 31 | None | N | N | 0 N | 0 | 23 | 23 | 23 |
| 32 | Warm | Y | Y | 12 Y | 10 | 20 | 10 | 15 |
| 33 | Warm | Y | N | 0 N | 0 | 10 | 10 | 10 |
| 34 | Warm | Y | Y | 12 Y | 10 | 30 | 20 | 25 |
| 35 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 |
| 36 | Warm | Y | N | 0 Y | 9 | 15 | 6 | 10.5 |
| 37 | Warm | Y | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 38 | Warm | Y | N | 0 Y | 10 | 30 | 20 | 25 |
| 39 | Cold | Y | Y | 12 N | 0 | 23 | 23 | 23 |
| 40 | Cold | Y | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 41 | Cold | Y | N | 0 Y | 9 | 15 | 6 | 10.5 |
| 42 | Cold | Y | N | 0 N | 0 | 23 | 23 | 23 |
| 43 | Warm | Y | N | 0 N | 0 | 10 | 10 | 10 |
| 44 | Cold | Y | Y | 12 N | 0 | 23 | 23 | 23 |
| 45 | Cold | Y | N | 0 Y | 9 | 15 | 6 | 10.5 |
| 46 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 |
| 47 | Cold | Y | Y | 12 N | 0 | 10 | 10 | 10 |
| 48 | None | N | Y | 12 N | 0 | 23 | 23 | 23 |
| 49 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 |
| 50 | Cold | Y | N | 0 Y | 10 | 30 | 20 | 25 |
| 51 | None | N | N | 0 N | 0 | 10 | 10 | 10 |
| 52 | Warm | Y | N | 0 Y | 9 | 15 | 6 | 10.5 |
| 53 | None | N | N | 0 Y | 10 | 20 | 10 | 15 |
| 54 | Cold | Y | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 55 | Warm | Y | Y | 12 Y | 10 | 20 | 10 | 15 |
| 56 | None | N | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 57 | Cold | Y | N | 0 Y | 10 | 20 | 10 | 15 |
| 58 | None | N | N | 0 N | 0 | 10 | 10 | 10 |
| 59 | Cold | Y | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 60 | None | N | N | 0 N | 0 | 10 | 10 | 10 |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|------|
| 2 | | | | | | | | | |
| 3 | None | N | N | | 0 Y | 9 | 15 | 6 | 10.5 |
| 4 | None | N | Y | | 12 N | 0 | 10 | 10 | 10 |
| 5 | None | N | Y | | 12 Y | 9 | 15 | 6 | 10.5 |
| 6 | None | N | Y | | 12 N | 0 | 10 | 10 | 10 |
| 7 | Cold | Y | N | | 0 Y | 10 | 20 | 10 | 15 |
| 8 | Warm | Y | N | | 0 Y | 10 | 30 | 20 | 25 |
| 9 | Cold | Y | N | | 0 N | 0 | 23 | 23 | 23 |
| 10 | None | N | Y | | 12 N | 0 | 10 | 10 | 10 |
| 11 | Cold | Y | N | | 0 Y | 10 | 30 | 20 | 25 |
| 12 | Warm | Y | Y | | 12 N | 0 | 10 | 10 | 10 |
| 13 | Cold | Y | Y | | 12 N | 0 | 10 | 10 | 10 |
| 14 | Warm | Y | Y | | 12 Y | 10 | 30 | 20 | 25 |
| 15 | None | N | Y | | 12 N | 0 | 23 | 23 | 23 |
| 16 | Cold | Y | Y | | 12 Y | 10 | 20 | 10 | 15 |
| 17 | Warm | Y | Y | | 12 N | 0 | 10 | 10 | 10 |
| 18 | Warm | Y | N | | 0 N | 0 | 23 | 23 | 23 |
| 19 | Warm | Y | Y | | 12 N | 0 | 23 | 23 | 23 |
| 20 | None | N | Y | | 12 Y | 10 | 30 | 20 | 25 |
| 21 | None | N | N | | 0 Y | 9 | 15 | 6 | 10.5 |
| 22 | W+C | Y | NA | NA | Y | 12 | 15 | 3 | 9 |
| 23 | None | N | NA | NA | N | 0 | 3 | 3 | 3 |
| 24 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 25 | None | N | N | | 0 N | 0 | 3 | 3 | 3 |
| 26 | W+C | Y | NA | NA | Y | 12 | 15 | 3 | 9 |
| 27 | W+C | Y | NA | NA | Y | 12 | 15 | 3 | 9 |
| 28 | None | N | N | | 0 Y | 15 | 25 | 10 | 17.5 |
| 29 | Cold | Y | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 30 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 31 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 32 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 33 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 34 | Cold | Y | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 35 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 36 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 37 | Cold | Y | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 38 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 39 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 40 | None | N | N | | 0 Y | 15 | 25 | 10 | 17.5 |
| 41 | None | N | N | | 0 Y | 15 | 25 | 10 | 17.5 |
| 42 | None | N | N | | 0 Y | 15 | 25 | 10 | 17.5 |
| 43 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 44 | Cold | Y | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 45 | Cold | Y | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 46 | Cold | Y | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 47 | Cold | Y | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 48 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 49 | Cold | Y | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 50 | None | N | N | | 0 Y | 15 | 25 | 10 | 17.5 |
| 51 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 52 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 53 | None | N | N | | 0 Y | 15 | 25 | 10 | 17.5 |
| 54 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 55 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 56 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 57 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 58 | None | N | N | | 0 Y | 15 | 25 | 10 | 17.5 |
| 59 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 60 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |

| | | | | | | | | |
|----|------|---|---|------|----|----|----|------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 4 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 5 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 6 | Cold | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 7 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 8 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 9 | Cold | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 10 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 11 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 12 | Cold | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 13 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 14 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 15 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 16 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 17 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 18 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 19 | Cold | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 20 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 21 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 22 | Cold | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 23 | Cold | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 24 | Cold | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 25 | Cold | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 26 | Cold | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 27 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 28 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 29 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 30 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 31 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 32 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 33 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 34 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 35 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 36 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 37 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 38 | Cold | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 39 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 40 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 41 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 42 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 43 | Cold | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 44 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 45 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 46 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 47 | Cold | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 48 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 49 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 50 | Cold | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 51 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 52 | Cold | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 53 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 54 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 55 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 56 | Cold | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 57 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 58 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 |
| 59 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |
| 60 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 |

| | | | | | | | | | |
|----|------|---|----|----|------|----|------|------|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 4 | Cold | Y | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 5 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 6 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 7 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 8 | Cold | Y | Y | | 16 N | 0 | 25 | 25 | 25 |
| 9 | Cold | Y | Y | | 16 Y | 10 | 25 | 15 | 21.66667 |
| 10 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 11 | None | N | NA | NA | N | 0 | 4 | 4 | 4 |
| 12 | None | N | NA | NA | N | 0 | 4 | 4 | 4 |
| 13 | None | N | NA | NA | N | 0 | 4 | 4 | 4 |
| 14 | None | N | NA | NA | N | 0 | 4 | 4 | 4 |
| 15 | None | N | NA | NA | N | 0 | 4 | 4 | 4 |
| 16 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 17 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 18 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 19 | None | N | N | | 0 N | 0 | 5 | 5 | 5 |
| 20 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 21 | None | N | N | | 0 N | 0 | 10 | 10 | 10 |
| 22 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 23 | None | N | NA | NA | N | 0 | 4 | 4 | 4 |
| 24 | None | N | NA | NA | N | 0 | 4 | 4 | 4 |
| 25 | None | N | NA | NA | N | 0 | 4 | 4 | 4 |
| 26 | None | N | Y | | 12 N | 0 | 10 | 10 | 10 |
| 27 | Cold | Y | Y | | 12 N | 0 | 5 | 5 | 5 |
| 28 | Cold | Y | Y | | 12 Y | 10 | 15 | 5 | 10 |
| 29 | None | N | N | | 0 N | 0 | 0 | 0 | 0 |
| 30 | None | N | Y | | 12 Y | 10 | 25 | 15 | 20 |
| 31 | None | N | Y | | 12 Y | 10 | 20 | 10 | 15 |
| 32 | None | N | Y | | 12 N | 0 | 25 | 25 | 25 |
| 33 | None | N | Y | | 12 Y | 10 | 15 | 5 | 10 |
| 34 | Cold | Y | Y | | 12 N | 0 | 25 | 25 | 25 |
| 35 | None | N | Y | | 12 N | 0 | 20 | 20 | 20 |
| 36 | None | N | Y | | 12 N | 0 | 15 | 15 | 15 |
| 37 | None | N | Y | | 12 N | 0 | 5 | 5 | 5 |
| 38 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 39 | None | N | Y | | 12 Y | 10 | 30 | 20 | 25 |
| 40 | Cold | Y | Y | | 12 Y | 10 | 30 | 20 | 25 |
| 41 | Cold | Y | Y | | 12 Y | 10 | 25 | 15 | 20 |
| 42 | Cold | Y | NA | NA | N | 0 | 15 | 15 | 15 |
| 43 | Cold | Y | NA | NA | N | 0 | 10 | 10 | 10 |
| 44 | Cold | Y | NA | NA | N | 0 | 5 | 5 | 5 |
| 45 | None | N | Y | | 12 Y | 10 | 15 | 5 | 10 |
| 46 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 47 | None | N | N | | 0 N | 0 | 5 | 5 | 5 |
| 48 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 49 | None | N | N | | 0 N | 0 | 5 | 5 | 5 |
| 50 | None | N | Y | | 12 Y | 10 | 15 | 5 | 10 |
| 51 | None | N | N | | 0 N | 0 | 18.7 | 18.7 | 18.7 |
| 52 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 53 | None | N | Y | | 24 N | 0 | 20 | 20 | 20 |
| 54 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 55 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 56 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 57 | None | N | N | | 0 N | 0 | 5 | 5 | 5 |
| 58 | None | N | N | | 0 N | 0 | 10 | 10 | 10 |
| 59 | None | N | N | | 0 N | 0 | 10 | 10 | 10 |
| 60 | None | N | N | | 0 N | 0 | 10 | 10 | 10 |

| | | | | | | | | | |
|----|------|---|----|------|------|----|------|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 4 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 5 | None | N | Y | 14 Y | 12 | 19 | 7 | 14 | |
| 6 | Cold | Y | Y | 14 Y | 12 | 19 | 7 | 14 | |
| 7 | None | N | Y | 14 Y | 12 | 19 | 7 | 14 | |
| 8 | Cold | Y | Y | 14 Y | 12 | 19 | 7 | 14 | |
| 9 | None | N | Y | 12 N | 0 | 15 | 15 | 15 | |
| 10 | None | N | Y | 12 N | 0 | 15 | 15 | 15 | |
| 11 | Cold | Y | N | 0 N | 0 | 40 | 40 | 40 | |
| 12 | Cold | Y | N | 0 N | 0 | 10 | 10 | 10 | |
| 13 | None | N | N | 0 N | 0 | 40 | 40 | 40 | |
| 14 | None | N | N | 0 N | 0 | 30 | 30 | 30 | |
| 15 | Cold | Y | N | 0 Y | 10 | 30 | 20 | 25 | |
| 16 | None | N | N | 0 N | 0 | 10 | 10 | 10 | |
| 17 | Cold | Y | N | 0 N | 0 | 15 | 15 | 15 | |
| 18 | None | N | N | 0 Y | 10 | 35 | 25 | 30 | |
| 19 | Cold | Y | N | 0 N | 0 | 25 | 25 | 25 | |
| 20 | Cold | Y | N | 0 Y | 10 | 35 | 25 | 30 | |
| 21 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 22 | Cold | Y | N | 0 N | 0 | 30 | 30 | 30 | |
| 23 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 24 | None | N | N | 0 Y | 10 | 30 | 20 | 25 | |
| 25 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 26 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 27 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 28 | Cold | Y | N | 0 N | 0 | 24 | 24 | 24 | |
| 29 | Cold | Y | N | 0 N | 0 | 29 | 29 | 29 | |
| 30 | Cold | Y | N | 0 N | 0 | 27 | 27 | 27 | |
| 31 | Cold | Y | N | 0 N | 0 | 15 | 15 | 15 | |
| 32 | Cold | Y | N | 0 N | 0 | 8 | 8 | 8 | |
| 33 | Cold | Y | N | 0 N | 0 | 12 | 12 | 12 | |
| 34 | Cold | Y | N | 0 N | 0 | 21 | 21 | 21 | |
| 35 | Cold | Y | N | 0 N | 0 | 4 | 4 | 4 | |
| 36 | None | N | Y | 16 N | 0 | 25 | 25 | 25 | |
| 37 | W+C | Y | NA | Y | 17 | 20 | 3 | 11.5 | |
| 38 | None | N | N | 0 N | 0 | 23 | 23 | 23 | |
| 39 | Cold | Y | N | 0 N | 0 | 23 | 23 | 23 | |
| 40 | Cold | Y | Y | 12 Y | 10 | 26 | 16 | 21 | |
| 41 | None | N | Y | 8 N | 0 | 15 | 15 | 15 | |
| 42 | None | N | Y | 8 N | 0 | 20 | 20 | 20 | |
| 43 | None | N | Y | 8 N | 0 | 10 | 10 | 10 | |
| 44 | Cold | Y | N | 0 Y | 12 | 15 | 3 | 9 | |
| 45 | None | N | Y | 8 N | 0 | 30 | 30 | 30 | |
| 46 | None | N | Y | 8 N | 0 | 25 | 25 | 25 | |
| 47 | None | N | Y | 8 N | 0 | 5 | 5 | 5 | |
| 48 | None | N | Y | 8 N | 0 | 35 | 35 | 35 | |
| 49 | Cold | Y | Y | 12 Y | 7.6 | 18 | 10.4 | 14.2 | |
| 50 | Cold | Y | Y | 12 Y | 11.6 | 24 | 12.4 | 18.2 | |
| 51 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 | |
| 52 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 53 | Cold | Y | N | 0 N | 0 | 30 | 30 | 30 | |
| 54 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 55 | Cold | Y | Y | 24 N | 0 | 25 | 25 | 25 | |
| 56 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 57 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 58 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 | |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Cold | Y | Y | | 24 N | 0 | 30 | 30 | 30 |
| 4 | Cold | Y | Y | | 24 N | 0 | 15 | 15 | 15 |
| 5 | Cold | Y | N | | 0 N | 0 | 25 | 25 | 25 |
| 6 | Cold | Y | N | | 0 N | 0 | 20 | 20 | 20 |
| 7 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 8 | None | N | Y | | 24 N | 0 | 20 | 20 | 20 |
| 9 | Cold | Y | Y | | 24 N | 0 | 20 | 20 | 20 |
| 10 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 11 | None | N | Y | | 12 N | 0 | 23 | 23 | 23 |
| 12 | Cold | Y | Y | | 16 Y | 8 | 28 | 20 | 25.33333 |
| 13 | None | N | Y | | 12 N | 0 | 25 | 25 | 25 |
| 14 | None | N | Y | | 12 N | 0 | 25 | 25 | 25 |
| 15 | None | N | Y | | 12 N | 0 | 25 | 25 | 25 |
| 16 | None | N | Y | | 12 N | 0 | 25 | 25 | 25 |
| 17 | None | N | Y | | 12 N | 0 | 25 | 25 | 25 |
| 18 | None | N | Y | | 12 N | 0 | 25 | 25 | 25 |
| 19 | None | N | Y | | 12 N | 0 | 25 | 25 | 25 |
| 20 | None | N | Y | | 12 N | 0 | 25 | 25 | 25 |
| 21 | None | N | Y | | 12 N | 0 | 25 | 25 | 25 |
| 22 | Cold | Y | NA | NA | N | 0 | 21 | 21 | 21 |
| 23 | Cold | Y | NA | NA | N | 0 | 21 | 21 | 21 |
| 24 | Cold | Y | NA | NA | N | 0 | 21 | 21 | 21 |
| 25 | Cold | Y | NA | NA | N | 0 | 21 | 21 | 21 |
| 26 | None | N | Y | | 12 N | 0 | 25 | 25 | 25 |
| 27 | Cold | Y | NA | NA | N | 0 | 21 | 21 | 21 |
| 28 | Cold | Y | NA | NA | N | 0 | 21 | 21 | 21 |
| 29 | W+C | Y | NA | NA | N | 0 | 22 | 22 | 22 |
| 30 | Warm | Y | N | | 0 N | 0 | 23 | 23 | 23 |
| 31 | Warm | Y | N | | 0 N | 0 | 10 | 10 | 10 |
| 32 | Warm | Y | N | | 0 Y | 10 | 20 | 10 | 15 |
| 33 | Warm | Y | Y | | 12 Y | 9 | 15 | 6 | 10.5 |
| 34 | Warm | Y | Y | | 12 N | 0 | 23 | 23 | 23 |
| 35 | Cold | Y | Y | | 12 Y | 10 | 30 | 20 | 25 |
| 36 | Cold | Y | N | | 0 Y | 10 | 20 | 10 | 15 |
| 37 | None | N | Y | | 12 Y | 9 | 15 | 6 | 10.5 |
| 38 | Warm | Y | N | | 0 Y | 9 | 15 | 6 | 10.5 |
| 39 | None | N | Y | | 12 Y | 10 | 30 | 20 | 25 |
| 40 | Cold | Y | N | | 0 N | 0 | 10 | 10 | 10 |
| 41 | Warm | Y | N | | 0 Y | 10 | 30 | 20 | 25 |
| 42 | Cold | Y | Y | | 12 N | 0 | 10 | 10 | 10 |
| 43 | None | N | N | | 0 Y | 9 | 15 | 6 | 10.5 |
| 44 | Cold | Y | N | | 0 Y | 10 | 30 | 20 | 25 |
| 45 | None | N | N | | 0 N | 0 | 23 | 23 | 23 |
| 46 | None | N | N | | 0 N | 0 | 10 | 10 | 10 |
| 47 | Warm | Y | Y | | 12 Y | 10 | 30 | 20 | 25 |
| 48 | None | N | Y | | 12 N | 0 | 23 | 23 | 23 |
| 49 | Warm | Y | Y | | 12 N | 0 | 10 | 10 | 10 |
| 50 | None | N | Y | | 12 Y | 10 | 20 | 10 | 15 |
| 51 | Cold | Y | Y | | 12 Y | 10 | 20 | 10 | 15 |
| 52 | Warm | Y | Y | | 12 Y | 10 | 20 | 10 | 15 |
| 53 | None | N | N | | 0 Y | 10 | 30 | 20 | 25 |
| 54 | Cold | Y | N | | 0 Y | 9 | 15 | 6 | 10.5 |
| 55 | None | N | N | | 0 Y | 10 | 20 | 10 | 15 |
| 56 | Cold | Y | Y | | 12 Y | 9 | 15 | 6 | 10.5 |
| 57 | Cold | Y | N | | 0 N | 0 | 23 | 23 | 23 |
| 58 | Cold | Y | Y | | 12 N | 0 | 23 | 23 | 23 |
| 59 | Cold | Y | Y | | 12 N | 0 | 23 | 23 | 23 |
| 60 | None | N | Y | | 12 N | 0 | 10 | 10 | 10 |

| | | | | | | | | |
|----|------|---|---|------|----|------|------|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 4 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 5 | None | N | Y | 8 N | 0 | 15 | 15 | 15 |
| 6 | Cold | Y | Y | 8 N | 0 | 15 | 15 | 15 |
| 7 | None | N | Y | 16 Y | 8 | 24 | 16 | 21.33333 |
| 8 | None | N | Y | 16 Y | 8 | 24 | 16 | 21.33333 |
| 9 | None | N | Y | 16 Y | 8 | 24 | 16 | 21.33333 |
| 10 | None | N | Y | 16 Y | 8 | 24 | 16 | 21.33333 |
| 11 | None | N | Y | 16 Y | 8 | 24 | 16 | 21.33333 |
| 12 | None | N | Y | 16 Y | 8 | 24 | 16 | 21.33333 |
| 13 | None | N | Y | 16 Y | 2 | 21 | 19 | 20.33333 |
| 14 | None | N | Y | 16 Y | 2 | 21 | 19 | 20.33333 |
| 15 | None | N | Y | 12 N | 0 | 4 | 4 | 4 |
| 16 | None | N | Y | 12 N | 0 | 20 | 20 | 20 |
| 17 | None | N | Y | 12 N | 0 | 15 | 15 | 15 |
| 18 | None | N | Y | 12 N | 0 | 10 | 10 | 10 |
| 19 | None | N | Y | 12 N | 0 | 4 | 4 | 4 |
| 20 | None | N | Y | 12 N | 0 | 20 | 20 | 20 |
| 21 | None | N | Y | 12 N | 0 | 10 | 10 | 10 |
| 22 | None | N | Y | 12 N | 0 | 15 | 15 | 15 |
| 23 | None | N | Y | 12 N | 0 | 15 | 15 | 15 |
| 24 | None | N | Y | 12 N | 0 | 4 | 4 | 4 |
| 25 | None | N | Y | 12 N | 0 | 20 | 20 | 20 |
| 26 | None | N | Y | 12 N | 0 | 10 | 10 | 10 |
| 27 | None | N | Y | 12 Y | 4 | 21 | 17 | 19 |
| 28 | None | N | Y | 12 N | 0 | 15 | 15 | 15 |
| 29 | None | N | Y | 12 N | 0 | 10 | 10 | 10 |
| 30 | None | N | Y | 12 N | 0 | 20 | 20 | 20 |
| 31 | None | N | Y | 12 N | 0 | 4 | 4 | 4 |
| 32 | None | N | Y | 24 N | 0 | 17.5 | 17.5 | 17.5 |
| 33 | None | N | N | 0 N | 0 | 17.5 | 17.5 | 17.5 |
| 34 | None | N | N | 0 N | 0 | 17.5 | 17.5 | 17.5 |
| 35 | None | N | Y | 24 N | 0 | 17.5 | 17.5 | 17.5 |
| 36 | None | N | Y | 8 N | 0 | 15 | 15 | 15 |
| 37 | None | N | Y | 8 N | 0 | 20 | 20 | 20 |
| 38 | None | N | Y | 8 N | 0 | 20 | 20 | 20 |
| 39 | None | N | Y | 8 N | 0 | 5 | 5 | 5 |
| 40 | None | N | Y | 8 N | 0 | 20 | 20 | 20 |
| 41 | None | N | Y | 8 N | 0 | 25 | 25 | 25 |
| 42 | Cold | Y | N | 0 N | 0 | 29 | 29 | 29 |
| 43 | Cold | Y | N | 0 N | 0 | 32 | 32 | 32 |
| 44 | Cold | Y | N | 0 N | 0 | 2 | 2 | 2 |
| 45 | Cold | Y | N | 0 N | 0 | 43 | 43 | 43 |
| 46 | Cold | Y | N | 0 N | 0 | 5 | 5 | 5 |
| 47 | Cold | Y | N | 0 N | 0 | 16 | 16 | 16 |
| 48 | Cold | Y | N | 0 N | 0 | 22 | 22 | 22 |
| 49 | None | N | Y | 8 N | 0 | 5 | 5 | 5 |
| 50 | Cold | Y | N | 0 N | 0 | 26 | 26 | 26 |
| 51 | Cold | Y | N | 0 N | 0 | 12 | 12 | 12 |
| 52 | Cold | Y | N | 0 N | 0 | 26 | 26 | 26 |
| 53 | W+C | Y | Y | 10 Y | 10 | 15 | 5 | 9.166667 |
| 54 | W+C | Y | Y | 10 Y | 10 | 15 | 5 | 9.166667 |
| 55 | W+C | Y | Y | 10 Y | 10 | 15 | 5 | 9.166667 |
| 56 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 |
| 57 | W+C | Y | Y | 12 Y | 10 | 30 | 20 | 25 |
| 58 | Cold | Y | Y | 12 Y | 10 | 30 | 20 | 25 |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 4 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 5 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 6 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 7 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 8 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 9 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 10 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 11 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 12 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 13 | None | N | Y | | 12 N | 0 | 25 | 25 | 25 |
| 14 | None | N | Y | | 16 N | 0 | 25 | 25 | 25 |
| 15 | None | N | Y | | 16 Y | 10 | 25 | 15 | 21.66667 |
| 16 | None | N | Y | | 8 N | 0 | 15 | 15 | 15 |
| 17 | Cold | Y | Y | | 8 N | 0 | 15 | 15 | 15 |
| 18 | Cold | Y | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 19 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 20 | None | N | Y | | 8 N | 0 | 15 | 15 | 15 |
| 21 | Cold | Y | Y | | 8 N | 0 | 15 | 15 | 15 |
| 22 | Cold | Y | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 23 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 24 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 25 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 26 | None | N | N | | 0 N | 0 | 5 | 5 | 5 |
| 27 | Cold | Y | N | | 0 N | 0 | 5 | 5 | 5 |
| 28 | Cold | Y | NA | NA | N | 0 | 15 | 15 | 15 |
| 29 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 30 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 31 | Cold | Y | NA | NA | N | 0 | 5 | 5 | 5 |
| 32 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 33 | None | N | N | | 0 N | 0 | 28 | 28 | 28 |
| 34 | None | N | N | | 0 N | 0 | 28 | 28 | 28 |
| 35 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 36 | None | N | Y | | 12 N | 0 | 20 | 20 | 20 |
| 37 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 38 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 39 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 40 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 41 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 42 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 43 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 44 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 45 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 46 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 47 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 48 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 49 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 50 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 51 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 52 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 53 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 54 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 55 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 56 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 57 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 58 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 59 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 60 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 4 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 5 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 6 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 7 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 8 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 9 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 10 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 11 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 12 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 13 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 14 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 15 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 16 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 17 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 18 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 19 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 20 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 21 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 22 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 23 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 24 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 25 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 26 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 27 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 28 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 29 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 30 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 31 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 32 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 33 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 34 | None | N | N | | 0 N | 0 | 5 | 5 | 5 |
| 35 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 36 | None | N | N | | 0 N | 0 | 10 | 10 | 10 |
| 37 | None | N | N | | 0 N | 0 | 10 | 10 | 10 |
| 38 | None | N | N | | 0 N | 0 | 5 | 5 | 5 |
| 39 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 40 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 41 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 42 | Cold | Y | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 43 | Cold | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 44 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 45 | W+C | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 46 | W+C | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 47 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 48 | Cold | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 49 | Cold | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 50 | W+C | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 51 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 52 | Cold | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 53 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 54 | W+C | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 55 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 56 | W+C | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 57 | Cold | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 58 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 59 | W+C | Y | NA | NA | N | 0 | 20 | 20 | 20 |

| | | | | | | | | | |
|----|------|---|----|----|------|----|-----|-----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Warm | Y | Y | | 16 Y | 10 | 30 | 20 | 26.66667 |
| 4 | Cold | Y | Y | | 16 Y | 5 | 20 | 15 | 18.33333 |
| 5 | Warm | Y | Y | | 16 Y | 5 | 20 | 15 | 18.33333 |
| 6 | None | N | Y | | 16 Y | 5 | 20 | 15 | 18.33333 |
| 7 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 8 | W+C | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 9 | Cold | Y | Y | | 8 N | 0 | 7.5 | 7.5 | 7.5 |
| 10 | Cold | Y | Y | | 8 N | 0 | 20 | 20 | 20 |
| 11 | Cold | Y | Y | | 8 N | 0 | 15 | 15 | 15 |
| 12 | Cold | Y | Y | | 8 N | 0 | 30 | 30 | 30 |
| 13 | Cold | Y | Y | | 8 N | 0 | 10 | 10 | 10 |
| 14 | Cold | Y | Y | | 8 N | 0 | 25 | 25 | 25 |
| 15 | Cold | Y | Y | | 8 N | 0 | 15 | 15 | 15 |
| 16 | Cold | Y | Y | | 8 N | 0 | 30 | 30 | 30 |
| 17 | Cold | Y | Y | | 8 N | 0 | 20 | 20 | 20 |
| 18 | Cold | Y | Y | | 8 N | 0 | 7.5 | 7.5 | 7.5 |
| 19 | Cold | Y | Y | | 8 N | 0 | 10 | 10 | 10 |
| 20 | Cold | Y | Y | | 8 N | 0 | 25 | 25 | 25 |
| 21 | Cold | Y | Y | | 8 N | 0 | 10 | 10 | 10 |
| 22 | Cold | Y | Y | | 8 N | 0 | 20 | 20 | 20 |
| 23 | Cold | Y | Y | | 8 N | 0 | 30 | 30 | 30 |
| 24 | Cold | Y | Y | | 8 N | 0 | 25 | 25 | 25 |
| 25 | Cold | Y | Y | | 8 N | 0 | 7.5 | 7.5 | 7.5 |
| 26 | Cold | Y | Y | | 8 N | 0 | 15 | 15 | 15 |
| 27 | Cold | Y | Y | | 8 N | 0 | 30 | 30 | 30 |
| 28 | Cold | Y | Y | | 8 N | 0 | 25 | 25 | 25 |
| 29 | Cold | Y | Y | | 8 N | 0 | 20 | 20 | 20 |
| 30 | Cold | Y | Y | | 8 N | 0 | 10 | 10 | 10 |
| 31 | Cold | Y | Y | | 8 N | 0 | 15 | 15 | 15 |
| 32 | Cold | Y | Y | | 8 N | 0 | 7.5 | 7.5 | 7.5 |
| 33 | Cold | Y | Y | | 8 N | 0 | 22 | 22 | 22 |
| 34 | Cold | Y | Y | | 8 N | 0 | 22 | 22 | 22 |
| 35 | None | N | Y | | 8 Y | 10 | 32 | 22 | 25.33333 |
| 36 | None | N | Y | | 8 N | 0 | 22 | 22 | 22 |
| 37 | Cold | Y | Y | | 8 Y | 5 | 27 | 22 | 23.66667 |
| 38 | Cold | Y | Y | | 8 Y | 15 | 37 | 22 | 27 |
| 39 | None | N | Y | | 8 Y | 5 | 27 | 22 | 23.66667 |
| 40 | None | N | Y | | 8 Y | 15 | 37 | 22 | 27 |
| 41 | Cold | Y | Y | | 8 Y | 10 | 32 | 22 | 25.33333 |
| 42 | None | N | N | | 0 Y | 10 | 30 | 20 | 25 |
| 43 | None | N | Y | | 8 Y | 10 | 25 | 15 | 18.33333 |
| 44 | None | N | Y | | 8 Y | 5 | 25 | 20 | 21.66667 |
| 45 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 46 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |
| 47 | None | N | Y | | 8 N | 0 | 20 | 20 | 20 |
| 48 | None | N | N | | 0 Y | 10 | 30 | 20 | 25 |
| 49 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 50 | None | N | Y | | 8 Y | 10 | 25 | 15 | 18.33333 |
| 51 | None | N | Y | | 8 Y | 5 | 25 | 20 | 21.66667 |
| 52 | None | N | Y | | 8 N | 0 | 20 | 20 | 20 |
| 53 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 54 | None | N | N | | 0 Y | 10 | 25 | 15 | 20 |
| 55 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |
| 56 | None | N | N | | 0 Y | 10 | 25 | 15 | 20 |
| 57 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 58 | None | N | Y | | 16 N | 0 | 25 | 25 | 25 |
| 59 | None | N | Y | | 15 N | 0 | 20 | 20 | 20 |
| 60 | None | N | Y | | | | | | |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | | 15 N | 0 | 20 | 20 | 20 |
| 4 | Warm | Y | NA | NA | N | 0 | 3 | 3 | 3 |
| 5 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 6 | None | N | N | | 0 Y | 10 | 25 | 15 | 20 |
| 7 | None | N | Y | | 16 Y | 10 | 25 | 15 | 21.66667 |
| 8 | None | N | Y | | 16 N | 0 | 15 | 15 | 15 |
| 9 | None | N | Y | | 16 Y | 10 | 25 | 15 | 21.66667 |
| 10 | None | N | Y | | 16 N | 0 | 25 | 25 | 25 |
| 11 | None | N | Y | | 14 Y | 6 | 24 | 18 | 21.5 |
| 12 | None | N | Y | | 16 Y | 10 | 30 | 20 | 26.66667 |
| 13 | Warm | Y | N | | 0 N | 0 | 4 | 4 | 4 |
| 14 | None | N | N | | 0 N | 0 | 4 | 4 | 4 |
| 15 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 16 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 17 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 18 | None | N | N | | 0 N | 0 | 10 | 10 | 10 |
| 19 | None | N | N | | 0 N | 0 | 40 | 40 | 40 |
| 20 | None | N | N | | 0 N | 0 | 5 | 5 | 5 |
| 21 | None | N | N | | 0 N | 0 | 35 | 35 | 35 |
| 22 | None | N | N | | 0 N | 0 | 30 | 30 | 30 |
| 23 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 24 | None | N | Y | | 8 N | 0 | 20 | 20 | 20 |
| 25 | None | N | Y | | 8 N | 0 | 10 | 10 | 10 |
| 26 | None | N | Y | | 8 N | 0 | 30 | 30 | 30 |
| 27 | None | N | Y | | 8 N | 0 | 15 | 15 | 15 |
| 28 | None | N | Y | | 8 N | 0 | 35 | 35 | 35 |
| 29 | None | N | Y | | 8 N | 0 | 5 | 5 | 5 |
| 30 | None | N | Y | | 8 N | 0 | 20 | 20 | 20 |
| 31 | None | N | Y | | 8 N | 0 | 25 | 25 | 25 |
| 32 | None | N | Y | | 8 N | 0 | 5 | 5 | 5 |
| 33 | None | N | Y | | 8 N | 0 | 30 | 30 | 30 |
| 34 | None | N | Y | | 8 N | 0 | 35 | 35 | 35 |
| 35 | None | N | Y | | 8 N | 0 | 10 | 10 | 10 |
| 36 | None | N | Y | | 8 N | 0 | 15 | 15 | 15 |
| 37 | None | N | Y | | 8 N | 0 | 15 | 15 | 15 |
| 38 | None | N | Y | | 8 N | 0 | 5 | 5 | 5 |
| 39 | None | N | Y | | 8 N | 0 | 25 | 25 | 25 |
| 40 | None | N | Y | | 8 N | 0 | 10 | 10 | 10 |
| 41 | None | N | Y | | 8 N | 0 | 30 | 30 | 30 |
| 42 | None | N | Y | | 8 N | 0 | 35 | 35 | 35 |
| 43 | None | N | Y | | 8 N | 0 | 20 | 20 | 20 |
| 44 | None | N | Y | | 8 N | 0 | 5 | 5 | 5 |
| 45 | None | N | Y | | 8 N | 0 | 30 | 30 | 30 |
| 46 | None | N | Y | | 8 N | 0 | 25 | 25 | 25 |
| 47 | None | N | Y | | 8 N | 0 | 15 | 15 | 15 |
| 48 | None | N | Y | | 8 N | 0 | 35 | 35 | 35 |
| 49 | None | N | Y | | 8 N | 0 | 10 | 10 | 10 |
| 50 | None | N | Y | | 8 N | 0 | 20 | 20 | 20 |
| 51 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 52 | None | N | Y | | 8 N | 0 | 20 | 20 | 20 |
| 53 | None | N | Y | | 8 N | 0 | 15 | 15 | 15 |
| 54 | None | N | Y | | 8 N | 0 | 10 | 10 | 10 |
| 55 | None | N | Y | | 8 N | 0 | 25 | 25 | 25 |
| 56 | None | N | Y | | 8 N | 0 | 5 | 5 | 5 |
| 57 | None | N | Y | | 8 N | 0 | 35 | 35 | 35 |
| 58 | None | N | Y | | 8 N | 0 | 30 | 30 | 30 |
| 59 | None | N | Y | | 8 N | 0 | 30 | 30 | 30 |
| 60 | None | N | Y | | 8 N | 0 | 30 | 30 | 30 |

| | | | | | | | | | |
|----|------|---|----|----|---|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | 8 | N | 0 | 5 | 5 | 5 |
| 4 | None | N | Y | 8 | N | 0 | 30 | 30 | 30 |
| 5 | None | N | Y | 8 | N | 0 | 35 | 35 | 35 |
| 6 | None | N | Y | 8 | N | 0 | 15 | 15 | 15 |
| 7 | None | N | Y | 8 | N | 0 | 20 | 20 | 20 |
| 8 | None | N | Y | 8 | N | 0 | 10 | 10 | 10 |
| 9 | None | N | Y | 8 | N | 0 | 25 | 25 | 25 |
| 10 | None | N | Y | 13 | Y | 10 | 20 | 10 | 15.41667 |
| 11 | None | N | Y | 11 | Y | 10 | 15 | 5 | 9.583333 |
| 12 | None | N | Y | 11 | Y | 10 | 15 | 5 | 9.583333 |
| 13 | None | N | Y | 13 | Y | 10 | 20 | 10 | 15.41667 |
| 14 | None | N | Y | 13 | Y | 10 | 20 | 10 | 15.41667 |
| 15 | None | N | Y | 11 | Y | 10 | 15 | 5 | 9.583333 |
| 16 | None | N | Y | 11 | Y | 10 | 15 | 5 | 9.583333 |
| 17 | None | N | Y | 13 | Y | 10 | 20 | 10 | 15.41667 |
| 18 | None | N | Y | 13 | Y | 10 | 20 | 10 | 15.41667 |
| 19 | None | N | Y | 11 | Y | 10 | 15 | 5 | 9.583333 |
| 20 | None | N | Y | 12 | Y | 15 | 30 | 15 | 22.5 |
| 21 | None | N | Y | 12 | Y | 10 | 20 | 10 | 15 |
| 22 | None | N | Y | 12 | Y | 9 | 15 | 6 | 10.5 |
| 23 | None | N | Y | 12 | N | 0 | 5 | 5 | 5 |
| 24 | None | N | Y | 12 | Y | 4 | 21 | 17 | 19 |
| 25 | None | N | Y | 16 | N | 0 | 23 | 23 | 23 |
| 26 | None | N | Y | 8 | Y | 10 | 30 | 20 | 23.33333 |
| 27 | Cold | Y | Y | 24 | N | 0 | 20 | 20 | 20 |
| 28 | None | N | Y | 24 | N | 0 | 20 | 20 | 20 |
| 29 | None | N | Y | 12 | Y | 10 | 30 | 20 | 25 |
| 30 | Cold | Y | N | 0 | Y | 10 | 30 | 20 | 25 |
| 31 | None | N | Y | 12 | Y | 10 | 15 | 5 | 10 |
| 32 | Cold | Y | Y | 12 | Y | 10 | 20 | 10 | 15 |
| 33 | None | N | Y | 12 | Y | 10 | 15 | 5 | 10 |
| 34 | None | N | Y | 12 | Y | 10 | 20 | 10 | 15 |
| 35 | Cold | Y | Y | 12 | Y | 10 | 30 | 20 | 25 |
| 36 | Cold | Y | Y | 12 | Y | 10 | 25 | 15 | 20 |
| 37 | None | N | Y | 12 | Y | 10 | 25 | 15 | 20 |
| 38 | None | N | Y | 12 | Y | 10 | 25 | 15 | 20 |
| 39 | Cold | Y | Y | 12 | Y | 10 | 20 | 10 | 15 |
| 40 | None | N | Y | 12 | Y | 10 | 30 | 20 | 25 |
| 41 | Cold | Y | Y | 12 | Y | 10 | 25 | 15 | 20 |
| 42 | Cold | Y | Y | 12 | Y | 10 | 15 | 5 | 10 |
| 43 | Cold | Y | Y | 12 | Y | 10 | 35 | 25 | 30 |
| 44 | Cold | Y | Y | 12 | Y | 10 | 30 | 20 | 25 |
| 45 | None | N | Y | 12 | Y | 10 | 35 | 25 | 30 |
| 46 | Cold | Y | N | 0 | Y | 10 | 30 | 20 | 25 |
| 47 | Cold | Y | Y | 12 | Y | 10 | 15 | 5 | 10 |
| 48 | None | N | Y | 12 | Y | 10 | 20 | 10 | 15 |
| 49 | None | N | Y | 12 | Y | 10 | 35 | 25 | 30 |
| 50 | Cold | Y | Y | 12 | Y | 10 | 35 | 25 | 30 |
| 51 | None | N | N | 0 | Y | 10 | 30 | 20 | 25 |
| 52 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 53 | Warm | Y | NA | NA | N | 0 | 5 | 5 | 5 |
| 54 | Warm | Y | NA | NA | N | 0 | 5 | 5 | 5 |
| 55 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 56 | Cold | Y | Y | 12 | N | 0 | 20 | 20 | 20 |
| 57 | None | N | NA | NA | N | 0 | 3 | 3 | 3 |
| 58 | None | N | NA | NA | N | 0 | 2 | 2 | 2 |
| 59 | None | N | NA | NA | N | 0 | 2 | 2 | 2 |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 4 | None | N | NA | NA | N | 0 | 3 | 3 | 3 |
| 5 | None | N | NA | NA | N | 0 | 3 | 3 | 3 |
| 6 | None | N | Y | | 14 N | 0 | 5 | 5 | 5 |
| 7 | None | N | Y | | 14 Y | 15 | 35 | 20 | 28.75 |
| 8 | None | N | Y | | 14 Y | 15 | 30 | 15 | 23.75 |
| 9 | None | N | Y | | 14 Y | 9 | 15 | 6 | 11.25 |
| 10 | None | N | Y | | 14 Y | 10 | 25 | 15 | 20.83333 |
| 11 | None | N | Y | | 14 Y | 10 | 20 | 10 | 15.83333 |
| 12 | None | N | Y | | 12 Y | 13 | 20 | 7 | 13.5 |
| 13 | None | N | Y | | 12 Y | 15 | 25 | 10 | 17.5 |
| 14 | None | N | Y | | 16 N | 0 | 15 | 15 | 15 |
| 15 | None | N | Y | | 16 N | 0 | 20 | 20 | 20 |
| 16 | None | N | Y | | 16 N | 0 | 10 | 10 | 10 |
| 17 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 18 | None | N | Y | | 12 Y | 10 | 12 | 2 | 7 |
| 19 | None | N | Y | | 12 Y | 10 | 33 | 23 | 28 |
| 20 | None | N | Y | | 12 Y | 10 | 26 | 16 | 21 |
| 21 | None | N | Y | | 12 Y | 10 | 19 | 9 | 14 |
| 22 | None | N | Y | | 12 Y | 10 | 19 | 9 | 14 |
| 23 | None | N | Y | | 12 Y | 10 | 12 | 2 | 7 |
| 24 | None | N | Y | | 12 Y | 10 | 33 | 23 | 28 |
| 25 | None | N | Y | | 12 Y | 10 | 26 | 16 | 21 |
| 26 | None | N | N | | 0 N | 0 | 4 | 4 | 4 |
| 27 | None | N | N | | 0 N | 0 | 4 | 4 | 4 |
| 28 | Cold | Y | Y | | 12 N | 0 | 21 | 21 | 21 |
| 29 | Cold | Y | Y | | 12 N | 0 | 30 | 30 | 30 |
| 30 | Cold | Y | Y | | 12 N | 0 | 24 | 24 | 24 |
| 31 | Cold | Y | Y | | 12 N | 0 | 36 | 36 | 36 |
| 32 | Cold | Y | Y | | 12 N | 0 | 6 | 6 | 6 |
| 33 | Cold | Y | Y | | 12 N | 0 | 9 | 9 | 9 |
| 34 | Cold | Y | Y | | 12 N | 0 | 18 | 18 | 18 |
| 35 | Cold | Y | Y | | 12 N | 0 | 38 | 38 | 38 |
| 36 | Cold | Y | Y | | 12 N | 0 | 6 | 6 | 6 |
| 37 | Cold | Y | Y | | 12 N | 0 | 38 | 38 | 38 |
| 38 | Cold | Y | Y | | 12 N | 0 | 3 | 3 | 3 |
| 39 | Cold | Y | N | | 0 Y | 10 | 15 | 5 | 10 |
| 40 | Cold | Y | Y | | 12 N | 0 | 9 | 9 | 9 |
| 41 | Cold | Y | Y | | 12 N | 0 | 12 | 12 | 12 |
| 42 | Cold | Y | N | | 0 N | 0 | 25 | 25 | 25 |
| 43 | Cold | Y | Y | | 12 N | 0 | 3 | 3 | 3 |
| 44 | Cold | Y | Y | | 12 N | 0 | 12 | 12 | 12 |
| 45 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 46 | Cold | Y | Y | | 12 N | 0 | 24 | 24 | 24 |
| 47 | Cold | Y | Y | | 12 N | 0 | 40 | 40 | 40 |
| 48 | Cold | Y | N | | 0 Y | 10 | 15 | 5 | 10 |
| 49 | Cold | Y | Y | | 12 N | 0 | 18 | 18 | 18 |
| 50 | Cold | Y | Y | | 12 N | 0 | 21 | 21 | 21 |
| 51 | Cold | Y | Y | | 12 N | 0 | 36 | 36 | 36 |
| 52 | Cold | Y | Y | | 12 N | 0 | 40 | 40 | 40 |
| 53 | Cold | Y | Y | | 12 N | 0 | 15 | 15 | 15 |
| 54 | Cold | Y | Y | | 12 N | 0 | 27 | 27 | 27 |
| 55 | Cold | Y | Y | | 12 N | 0 | 27 | 27 | 27 |
| 56 | Cold | Y | Y | | 12 N | 0 | 30 | 30 | 30 |
| 57 | Cold | Y | N | | 0 N | 0 | 25 | 25 | 25 |
| 58 | Cold | Y | Y | | 12 N | 0 | 33 | 33 | 33 |
| 59 | Cold | Y | Y | | 12 N | 0 | 33 | 33 | 33 |
| 60 | Cold | Y | Y | | 12 N | 0 | 33 | 33 | 33 |

| | | | | | | | | | |
|----|------|---|----|----|------|----|------|------|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Cold | Y | Y | | 12 N | 0 | 33 | 33 | 33 |
| 4 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 5 | Cold | Y | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 6 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 7 | Cold | Y | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 8 | Cold | Y | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 9 | Cold | Y | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 10 | Cold | Y | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 11 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 12 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 13 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 14 | Cold | Y | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 15 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 16 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 17 | None | N | Y | | 12 Y | 14 | 29 | 15 | 22 |
| 18 | Cold | Y | Y | | 12 Y | 14 | 29 | 15 | 22 |
| 19 | None | N | Y | | 12 Y | 12 | 29 | 17 | 23 |
| 20 | Cold | Y | Y | | 12 Y | 12 | 29 | 17 | 23 |
| 21 | None | N | NA | NA | N | 0 | 23.8 | 23.8 | 23.8 |
| 22 | None | N | NA | NA | N | 0 | 33.3 | 33.3 | 33.3 |
| 23 | None | N | NA | NA | N | 0 | 33.3 | 33.3 | 33.3 |
| 24 | None | N | NA | NA | N | 0 | 18.3 | 18.3 | 18.3 |
| 25 | None | N | NA | NA | N | 0 | 23.8 | 23.8 | 23.8 |
| 26 | None | N | NA | NA | N | 0 | 16.6 | 16.6 | 16.6 |
| 27 | None | N | NA | NA | N | 0 | 29.4 | 29.4 | 29.4 |
| 28 | None | N | NA | NA | N | 0 | 16.6 | 16.6 | 16.6 |
| 29 | None | N | NA | NA | N | 0 | 20.5 | 20.5 | 20.5 |
| 30 | None | N | NA | NA | N | 0 | 20.5 | 20.5 | 20.5 |
| 31 | None | N | NA | NA | N | 0 | 25.5 | 25.5 | 25.5 |
| 32 | None | N | NA | NA | N | 0 | 27.7 | 27.7 | 27.7 |
| 33 | None | N | NA | NA | N | 0 | 31.6 | 31.6 | 31.6 |
| 34 | None | N | NA | NA | N | 0 | 25.5 | 25.5 | 25.5 |
| 35 | None | N | NA | NA | N | 0 | 22.2 | 22.2 | 22.2 |
| 36 | None | N | NA | NA | N | 0 | 22.2 | 22.2 | 22.2 |
| 37 | None | N | NA | NA | N | 0 | 27.7 | 27.7 | 27.7 |
| 38 | None | N | NA | NA | N | 0 | 29.4 | 29.4 | 29.4 |
| 39 | None | N | NA | NA | N | 0 | 18.3 | 18.3 | 18.3 |
| 40 | None | N | NA | NA | N | 0 | 31.6 | 31.6 | 31.6 |
| 41 | None | N | Y | | 8 Y | 5 | 15 | 10 | 11.66667 |
| 42 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 43 | None | N | Y | | 8 Y | 5 | 15 | 10 | 11.66667 |
| 44 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 45 | Cold | Y | Y | | 12 N | 0 | 20 | 20 | 20 |
| 46 | None | N | Y | | 12 N | 0 | 20 | 20 | 20 |
| 47 | None | N | Y | | 14 Y | 9 | 25 | 16 | 21.25 |
| 48 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 49 | None | N | Y | | 16 N | 0 | 23 | 23 | 23 |
| 50 | Cold | Y | Y | | 16 N | 0 | 23 | 23 | 23 |
| 51 | None | N | Y | | 16 Y | 10 | 30 | 20 | 26.66667 |
| 52 | None | N | Y | | 16 N | 0 | 25 | 25 | 25 |
| 53 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 54 | None | N | N | | 0 Y | 10 | 30 | 20 | 25 |
| 55 | None | N | N | | 0 N | 0 | 30 | 30 | 30 |
| 56 | None | N | Y | | 16 N | 0 | 30 | 30 | 30 |
| 57 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 58 | None | N | Y | | 16 N | 0 | 20 | 20 | 20 |
| 59 | None | N | Y | | 16 N | 0 | 20 | 20 | 20 |
| 60 | None | N | Y | | 16 N | 0 | 20 | 20 | 20 |

| | | | | | | | | |
|----|------|---|---|-----|----|----|----|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 4 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 5 | Cold | Y | Y | 8 Y | 10 | 15 | 5 | 8.333333 |
| 6 | Cold | Y | Y | 8 Y | 10 | 15 | 5 | 8.333333 |
| 7 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 8 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 9 | None | N | N | 0 N | 0 | 20 | 20 | 20 |
| 10 | None | N | N | 0 N | 0 | 3 | 3 | 3 |
| 11 | None | N | Y | 8 Y | 33 | 35 | 2 | 13 |
| 12 | None | N | Y | 8 Y | 20 | 20 | 0 | 6.666667 |
| 13 | None | N | Y | 8 Y | 30 | 40 | 10 | 20 |
| 14 | None | N | Y | 8 Y | 3 | 5 | 2 | 3 |
| 15 | None | N | Y | 8 Y | 10 | 10 | 0 | 3.333333 |
| 16 | None | N | Y | 8 Y | 30 | 35 | 5 | 15 |
| 17 | None | N | Y | 8 Y | 5 | 25 | 20 | 21.66667 |
| 18 | None | N | Y | 8 N | 0 | 0 | 0 | 0 |
| 19 | None | N | Y | 8 N | 0 | 35 | 35 | 35 |
| 20 | None | N | Y | 8 Y | 40 | 40 | 0 | 13.33333 |
| 21 | None | N | Y | 8 Y | 35 | 35 | 0 | 11.66667 |
| 22 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 23 | None | N | Y | 8 Y | 10 | 25 | 15 | 18.33333 |
| 24 | None | N | Y | 8 Y | 18 | 20 | 2 | 8 |
| 25 | None | N | Y | 8 Y | 10 | 35 | 25 | 28.33333 |
| 26 | None | N | Y | 8 Y | 15 | 30 | 15 | 20 |
| 27 | None | N | Y | 8 Y | 25 | 25 | 0 | 8.333333 |
| 28 | None | N | Y | 8 N | 0 | 20 | 20 | 20 |
| 29 | None | N | Y | 8 N | 0 | 40 | 40 | 40 |
| 30 | None | N | Y | 8 Y | 15 | 15 | 0 | 5 |
| 31 | None | N | Y | 8 Y | 5 | 35 | 30 | 31.66667 |
| 32 | None | N | Y | 8 Y | 20 | 40 | 20 | 26.66667 |
| 33 | None | N | Y | 8 N | 0 | 25 | 25 | 25 |
| 34 | None | N | Y | 8 Y | 5 | 15 | 10 | 11.66667 |
| 35 | None | N | Y | 8 Y | 5 | 10 | 5 | 6.666667 |
| 36 | None | N | Y | 8 Y | 5 | 30 | 25 | 26.66667 |
| 37 | None | N | Y | 8 Y | 20 | 35 | 15 | 21.66667 |
| 38 | None | N | Y | 8 Y | 38 | 40 | 2 | 14.66667 |
| 39 | None | N | Y | 8 Y | 25 | 40 | 15 | 23.33333 |
| 40 | None | N | Y | 8 Y | 15 | 20 | 5 | 10 |
| 41 | None | N | Y | 8 N | 0 | 2 | 2 | 2 |
| 42 | None | N | Y | 8 Y | 35 | 40 | 5 | 16.66667 |
| 43 | None | N | Y | 8 Y | 10 | 15 | 5 | 8.333333 |
| 44 | None | N | Y | 8 N | 0 | 15 | 15 | 15 |
| 45 | None | N | Y | 8 Y | 15 | 40 | 25 | 30 |
| 46 | None | N | Y | 8 Y | 8 | 10 | 2 | 4.666667 |
| 47 | None | N | Y | 8 Y | 25 | 35 | 10 | 18.33333 |
| 48 | None | N | Y | 8 Y | 10 | 40 | 30 | 33.33333 |
| 49 | None | N | Y | 8 Y | 28 | 30 | 2 | 11.33333 |
| 50 | None | N | Y | 8 Y | 13 | 15 | 2 | 6.333333 |
| 51 | None | N | Y | 8 N | 0 | 30 | 30 | 30 |
| 52 | None | N | Y | 8 Y | 23 | 25 | 2 | 9.666667 |
| 53 | None | N | Y | 8 Y | 15 | 25 | 10 | 15 |
| 54 | None | N | Y | 8 Y | 30 | 30 | 0 | 10 |
| 55 | None | N | Y | 8 Y | 25 | 30 | 5 | 13.33333 |
| 56 | None | N | Y | 8 Y | 20 | 30 | 10 | 16.66667 |
| 57 | None | N | Y | 8 Y | 5 | 40 | 35 | 36.66667 |
| 58 | None | N | Y | 8 Y | 10 | 20 | 10 | 13.33333 |
| 59 | None | N | Y | 8 Y | 10 | 20 | 10 | 13.33333 |
| 60 | None | N | Y | 8 Y | 10 | 20 | 10 | 13.33333 |

| | | | | | | | | | |
|----|------|---|----|------|----|----|----|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | 8 Y | 5 | 5 | 0 | 1.666667 | |
| 4 | None | N | Y | 8 Y | 20 | 25 | 5 | 11.66667 | |
| 5 | None | N | Y | 8 N | 0 | 5 | 5 | 5 | |
| 6 | None | N | Y | 8 N | 0 | 10 | 10 | 10 | |
| 7 | None | N | Y | 8 Y | 2 | 2 | 0 | ##### | |
| 8 | None | N | Y | 8 Y | 15 | 35 | 20 | 25 | |
| 9 | None | N | Y | 8 Y | 5 | 20 | 15 | 16.66667 | |
| 10 | Cold | Y | Y | 8 Y | 5 | 25 | 20 | 21.66667 | |
| 11 | None | N | Y | 15 N | 0 | 20 | 20 | 20 | |
| 12 | None | N | Y | 14 Y | 4 | 21 | 17 | 19.33333 | |
| 13 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 14 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 15 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 16 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 17 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 18 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 19 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 20 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 21 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 22 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 23 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 24 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 25 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 26 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 27 | None | N | Y | 16 N | 0 | 25 | 25 | 25 | |
| 28 | Cold | Y | Y | 16 N | 0 | 25 | 25 | 25 | |
| 29 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 30 | None | N | Y | 14 Y | 6 | 24 | 18 | 21.5 | |
| 31 | None | N | Y | 14 Y | 6 | 24 | 18 | 21.5 | |
| 32 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 33 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 34 | None | N | NA | NA | 0 | 10 | 10 | 10 | |
| 35 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 36 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 37 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 38 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 39 | None | N | Y | 12 N | 0 | 21 | 21 | 21 | |
| 40 | None | N | Y | 12 N | 0 | 12 | 12 | 12 | |
| 41 | None | N | Y | 12 N | 0 | 18 | 18 | 18 | |
| 42 | None | N | Y | 12 N | 0 | 24 | 24 | 24 | |
| 43 | None | N | Y | 12 N | 0 | 27 | 27 | 27 | |
| 44 | None | N | Y | 12 N | 0 | 3 | 3 | 3 | |
| 45 | None | N | Y | 12 N | 0 | 30 | 30 | 30 | |
| 46 | None | N | Y | 12 N | 0 | 9 | 9 | 9 | |
| 47 | None | N | Y | 12 N | 0 | 33 | 33 | 33 | |
| 48 | None | N | Y | 12 N | 0 | 6 | 6 | 6 | |
| 49 | None | N | Y | 12 N | 0 | 15 | 15 | 15 | |
| 50 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 51 | None | N | Y | 12 N | 0 | 15 | 15 | 15 | |
| 52 | None | N | Y | 12 N | 0 | 12 | 12 | 12 | |
| 53 | None | N | Y | 12 N | 0 | 21 | 21 | 21 | |
| 54 | None | N | Y | 12 N | 0 | 24 | 24 | 24 | |
| 55 | None | N | Y | 12 N | 0 | 33 | 33 | 33 | |
| 56 | None | N | Y | 12 N | 0 | 27 | 27 | 27 | |
| 57 | None | N | Y | 12 N | 0 | 30 | 30 | 30 | |
| 58 | None | N | Y | 12 N | 0 | 6 | 6 | 6 | |
| 59 | None | N | Y | 12 N | 0 | 3 | 3 | 3 | |
| 60 | None | N | Y | 12 N | 0 | 3 | 3 | 3 | |

| | | | | | | | | |
|----|------|---|---|------|----|----|----|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | None | N | Y | 12 N | 0 | 9 | 9 | 9 |
| 4 | None | N | Y | 12 N | 0 | 18 | 18 | 18 |
| 5 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 6 | Cold | Y | Y | 16 N | 0 | 21 | 21 | 21 |
| 7 | None | N | Y | 16 N | 0 | 21 | 21 | 21 |
| 8 | None | N | Y | 10 N | 0 | 24 | 24 | 24 |
| 9 | None | N | N | 0 N | 0 | 8 | 8 | 8 |
| 10 | None | N | N | 0 N | 0 | 17 | 17 | 17 |
| 11 | None | N | N | 0 N | 0 | 32 | 32 | 32 |
| 12 | None | N | N | 0 N | 0 | 14 | 14 | 14 |
| 13 | None | N | N | 0 N | 0 | 20 | 20 | 20 |
| 14 | None | N | N | 0 N | 0 | 26 | 26 | 26 |
| 15 | None | N | N | 0 N | 0 | 29 | 29 | 29 |
| 16 | None | N | N | 0 N | 0 | 11 | 11 | 11 |
| 17 | None | N | N | 0 N | 0 | 2 | 2 | 2 |
| 18 | None | N | N | 0 N | 0 | 5 | 5 | 5 |
| 19 | None | N | N | 0 N | 0 | 23 | 23 | 23 |
| 20 | None | N | N | 0 N | 0 | 5 | 5 | 5 |
| 21 | None | N | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 22 | None | N | Y | 12 Y | 15 | 30 | 15 | 22.5 |
| 23 | None | N | N | 0 N | 0 | 5 | 5 | 5 |
| 24 | None | N | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 25 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 |
| 26 | None | N | Y | 12 Y | 15 | 30 | 15 | 22.5 |
| 27 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 |
| 28 | None | N | Y | 15 N | 0 | 20 | 20 | 20 |
| 29 | None | N | N | 0 N | 0 | 20 | 20 | 20 |
| 30 | None | N | Y | 15 N | 0 | 20 | 20 | 20 |
| 31 | None | N | N | 0 N | 0 | 18 | 18 | 18 |
| 32 | None | N | Y | 24 N | 0 | 25 | 25 | 25 |
| 33 | None | N | Y | 24 N | 0 | 35 | 35 | 35 |
| 34 | None | N | N | 0 N | 0 | 28 | 28 | 28 |
| 35 | None | N | Y | 24 N | 0 | 28 | 28 | 28 |
| 36 | None | N | N | 0 N | 0 | 35 | 35 | 35 |
| 37 | None | N | Y | 24 N | 0 | 14 | 14 | 14 |
| 38 | None | N | Y | 24 N | 0 | 22 | 22 | 22 |
| 39 | None | N | N | 0 N | 0 | 22 | 22 | 22 |
| 40 | None | N | Y | 24 N | 0 | 18 | 18 | 18 |
| 41 | None | N | N | 0 N | 0 | 25 | 25 | 25 |
| 42 | None | N | N | 0 N | 0 | 32 | 32 | 32 |
| 43 | None | N | N | 0 N | 0 | 14 | 14 | 14 |
| 44 | None | N | Y | 24 N | 0 | 32 | 32 | 32 |
| 45 | None | N | N | 0 N | 0 | 18 | 18 | 18 |
| 46 | None | N | Y | 24 N | 0 | 18 | 18 | 18 |
| 47 | None | N | Y | 24 N | 0 | 14 | 14 | 14 |
| 48 | None | N | N | 0 N | 0 | 25 | 25 | 25 |
| 49 | None | N | N | 0 N | 0 | 35 | 35 | 35 |
| 50 | None | N | N | 0 N | 0 | 22 | 22 | 22 |
| 51 | None | N | Y | 24 N | 0 | 32 | 32 | 32 |
| 52 | None | N | N | 0 N | 0 | 14 | 14 | 14 |
| 53 | None | N | Y | 24 N | 0 | 22 | 22 | 22 |
| 54 | None | N | N | 0 N | 0 | 32 | 32 | 32 |
| 55 | None | N | Y | 24 N | 0 | 25 | 25 | 25 |
| 56 | None | N | Y | 24 N | 0 | 35 | 35 | 35 |
| 57 | None | N | Y | 24 N | 0 | 28 | 28 | 28 |
| 58 | None | N | N | 0 N | 0 | 28 | 28 | 28 |
| 59 | None | N | N | 0 N | 0 | 28 | 28 | 28 |
| 60 | None | N | N | 0 N | 0 | 28 | 28 | 28 |

| | | | | | | | | |
|----|------|---|----|------|----|------|------|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | None | N | N | 0 N | 0 | 20 | 20 | 20 |
| 4 | None | N | Y | 16 Y | 10 | 25 | 15 | 21.66667 |
| 5 | None | N | Y | 16 Y | 10 | 25 | 15 | 21.66667 |
| 6 | None | N | Y | 16 N | 0 | 25 | 25 | 25 |
| 7 | None | N | N | 0 N | 0 | 10 | 10 | 10 |
| 8 | None | N | N | 0 Y | 10 | 25 | 15 | 20 |
| 9 | None | N | Y | 16 Y | 10 | 25 | 15 | 21.66667 |
| 10 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 11 | None | N | Y | 16 N | 0 | 10 | 10 | 10 |
| 12 | None | N | N | 0 N | 0 | 25 | 25 | 25 |
| 13 | None | N | Y | 16 N | 0 | 20 | 20 | 20 |
| 14 | None | N | Y | 16 Y | 10 | 25 | 15 | 21.66667 |
| 15 | None | N | Y | 16 N | 0 | 15 | 15 | 15 |
| 16 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 17 | None | N | Y | 16 N | 0 | 25 | 25 | 25 |
| 18 | None | N | Y | 16 N | 0 | 15 | 15 | 15 |
| 19 | None | N | N | 0 N | 0 | 25 | 25 | 25 |
| 20 | None | N | N | 0 N | 0 | 20 | 20 | 20 |
| 21 | None | N | Y | 16 Y | 10 | 25 | 15 | 21.66667 |
| 22 | None | N | Y | 16 N | 0 | 10 | 10 | 10 |
| 23 | None | N | N | 0 N | 0 | 10 | 10 | 10 |
| 24 | None | N | N | 0 Y | 10 | 25 | 15 | 20 |
| 25 | None | N | Y | 16 Y | 10 | 25 | 15 | 21.66667 |
| 26 | None | N | Y | 16 N | 0 | 20 | 20 | 20 |
| 27 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 28 | None | N | Y | 16 N | 0 | 30 | 30 | 30 |
| 29 | None | N | N | 0 Y | 14 | 30 | 16 | 23 |
| 30 | None | N | Y | 16 N | 0 | 16 | 16 | 16 |
| 31 | None | N | Y | 24 N | 0 | 30 | 30 | 30 |
| 32 | None | N | Y | 16 Y | 14 | 30 | 16 | 25.33333 |
| 33 | None | N | N | 0 N | 0 | 16 | 16 | 16 |
| 34 | None | N | Y | 24 N | 0 | 16 | 16 | 16 |
| 35 | None | N | N | 0 N | 0 | 30 | 30 | 30 |
| 36 | None | N | Y | 24 Y | 14 | 30 | 16 | 23 |
| 37 | None | N | NA | NA N | 0 | 4 | 4 | 4 |
| 38 | None | N | NA | NA N | 0 | 4 | 4 | 4 |
| 39 | None | N | Y | 14 N | 0 | 28.5 | 28.5 | 28.5 |
| 40 | None | N | Y | 18 Y | 4 | 22 | 18 | 21 |
| 41 | None | N | N | 0 N | 0 | 24 | 24 | 24 |
| 42 | None | N | N | 0 N | 0 | 24 | 24 | 24 |
| 43 | Cold | Y | Y | 12 N | 0 | 24 | 24 | 24 |
| 44 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 45 | Cold | Y | N | 0 N | 0 | 40 | 40 | 40 |
| 46 | Cold | Y | N | 0 N | 0 | 15 | 15 | 15 |
| 47 | None | N | N | 0 N | 0 | 5 | 5 | 5 |
| 48 | None | N | N | 0 N | 0 | 20 | 20 | 20 |
| 49 | None | N | N | 0 N | 0 | 30 | 30 | 30 |
| 50 | Cold | Y | N | 0 N | 0 | 30 | 30 | 30 |
| 51 | None | N | N | 0 N | 0 | 35 | 35 | 35 |
| 52 | Cold | Y | N | 0 N | 0 | 10 | 10 | 10 |
| 53 | None | N | N | 0 N | 0 | 10 | 10 | 10 |
| 54 | None | N | N | 0 N | 0 | 25 | 25 | 25 |
| 55 | Cold | Y | N | 0 N | 0 | 5 | 5 | 5 |
| 56 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 |
| 57 | Cold | Y | N | 0 N | 0 | 35 | 35 | 35 |
| 58 | None | N | N | 0 N | 0 | 40 | 40 | 40 |
| 59 | None | N | N | 0 N | 0 | 40 | 40 | 40 |
| 60 | None | N | N | 0 N | 0 | 40 | 40 | 40 |

| | | | | | | | | |
|----|------|---|---|------|----|----|----|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | Cold | Y | N | 0 N | 0 | 25 | 25 | 25 |
| 4 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 5 | None | N | Y | 16 Y | 10 | 30 | 20 | 26.66667 |
| 6 | Cold | Y | Y | 16 Y | 10 | 30 | 20 | 26.66667 |
| 7 | None | N | Y | 16 Y | 10 | 30 | 20 | 26.66667 |
| 8 | Cold | Y | Y | 16 Y | 10 | 30 | 20 | 26.66667 |
| 9 | None | N | Y | 16 Y | 10 | 30 | 20 | 26.66667 |
| 10 | Cold | Y | Y | 16 Y | 10 | 30 | 20 | 26.66667 |
| 11 | Cold | Y | Y | 16 Y | 10 | 30 | 20 | 26.66667 |
| 12 | None | N | Y | 16 Y | 10 | 30 | 20 | 26.66667 |
| 13 | None | N | Y | 12 Y | 4 | 28 | 24 | 26 |
| 14 | None | N | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 15 | C+W | Y | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 16 | W+C | Y | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 17 | None | N | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 18 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 19 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 20 | W+C | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 21 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 |
| 22 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 23 | None | N | Y | 16 N | 0 | 25 | 25 | 25 |
| 24 | None | N | Y | 12 N | 0 | 25 | 25 | 25 |
| 25 | W+C | Y | N | 0 Y | 9 | 15 | 6 | 10.5 |
| 26 | W+C | Y | N | 0 Y | 15 | 30 | 15 | 22.5 |
| 27 | None | N | Y | 12 Y | 15 | 30 | 15 | 22.5 |
| 28 | None | N | Y | 12 Y | 15 | 35 | 20 | 27.5 |
| 29 | W+C | Y | N | 0 Y | 10 | 25 | 15 | 20 |
| 30 | None | N | N | 0 Y | 10 | 25 | 15 | 20 |
| 31 | None | N | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 32 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 |
| 33 | None | N | N | 0 Y | 15 | 35 | 20 | 27.5 |
| 34 | W+C | Y | Y | 12 Y | 15 | 30 | 15 | 22.5 |
| 35 | W+C | Y | Y | 12 Y | 10 | 20 | 10 | 15 |
| 36 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 |
| 37 | W+C | Y | Y | 12 Y | 15 | 35 | 20 | 27.5 |
| 38 | None | N | N | 0 Y | 15 | 30 | 15 | 22.5 |
| 39 | None | N | N | 0 Y | 9 | 15 | 6 | 10.5 |
| 40 | W+C | Y | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 41 | W+C | Y | N | 0 Y | 10 | 20 | 10 | 15 |
| 42 | W+C | Y | Y | 12 Y | 10 | 25 | 15 | 20 |
| 43 | W+C | Y | N | 0 Y | 15 | 35 | 20 | 27.5 |
| 44 | None | N | N | 0 Y | 10 | 20 | 10 | 15 |
| 45 | None | N | N | 0 Y | 15 | 35 | 20 | 27.5 |
| 46 | W+C | Y | Y | 12 Y | 10 | 25 | 15 | 20 |
| 47 | W+C | Y | Y | 12 Y | 15 | 35 | 20 | 27.5 |
| 48 | W+C | Y | Y | 12 Y | 10 | 20 | 10 | 15 |
| 49 | W+C | Y | N | 0 Y | 9 | 15 | 6 | 10.5 |
| 50 | None | N | N | 0 Y | 15 | 30 | 15 | 22.5 |
| 51 | W+C | Y | N | 0 Y | 15 | 35 | 20 | 27.5 |
| 52 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 |
| 53 | W+C | Y | N | 0 Y | 10 | 25 | 15 | 20 |
| 54 | None | N | N | 0 Y | 10 | 25 | 15 | 20 |
| 55 | None | N | N | 0 Y | 9 | 15 | 6 | 10.5 |
| 56 | None | N | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 57 | W+C | Y | N | 0 Y | 15 | 30 | 15 | 22.5 |
| 58 | None | N | Y | 12 Y | 15 | 35 | 20 | 27.5 |
| 59 | W+C | Y | N | 0 Y | 15 | 30 | 15 | 22.5 |
| 60 | None | N | Y | 12 Y | 15 | 35 | 20 | 27.5 |

| | | | | | | | | | |
|----|------|---|----|-----|---|----|----|----|------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | W+C | Y | N | 0 | Y | 10 | 20 | 10 | 15 |
| 4 | None | N | Y | 12 | Y | 15 | 30 | 15 | 22.5 |
| 5 | W+C | Y | Y | 12 | Y | 9 | 15 | 6 | 10.5 |
| 6 | None | N | Y | 12 | Y | 10 | 20 | 10 | 15 |
| 7 | None | N | N | 0 | Y | 10 | 20 | 10 | 15 |
| 8 | W+C | Y | Y | 12 | Y | 15 | 30 | 15 | 22.5 |
| 9 | None | N | Y | 0.1 | N | 0 | 26 | 26 | 26 |
| 10 | None | N | Y | 0.1 | N | 0 | 6 | 6 | 6 |
| 11 | None | N | Y | 0.1 | N | 0 | 28 | 28 | 28 |
| 12 | None | N | Y | 0.1 | N | 0 | 16 | 16 | 16 |
| 13 | None | N | Y | 0.1 | N | 0 | 14 | 14 | 14 |
| 14 | None | N | Y | 0.1 | N | 0 | 10 | 10 | 10 |
| 15 | None | N | Y | 0.1 | N | 0 | 20 | 20 | 20 |
| 16 | None | N | Y | 0.1 | N | 0 | 18 | 18 | 18 |
| 17 | None | N | Y | 12 | N | 0 | 18 | 18 | 18 |
| 18 | None | N | Y | 12 | N | 0 | 24 | 24 | 24 |
| 19 | Cold | Y | Y | 12 | N | 0 | 12 | 12 | 12 |
| 20 | Cold | Y | Y | 12 | N | 0 | 24 | 24 | 24 |
| 21 | Cold | Y | Y | 12 | N | 0 | 18 | 18 | 18 |
| 22 | None | N | Y | 12 | N | 0 | 12 | 12 | 12 |
| 23 | Cold | Y | Y | 12 | Y | 12 | 24 | 12 | 18 |
| 24 | None | N | Y | 12 | Y | 12 | 24 | 12 | 18 |
| 25 | None | N | Y | 24 | N | 0 | 10 | 10 | 10 |
| 26 | Cold | Y | Y | 24 | N | 0 | 13 | 13 | 13 |
| 27 | Cold | Y | Y | 24 | N | 0 | 16 | 16 | 16 |
| 28 | None | N | Y | 24 | N | 0 | 16 | 16 | 16 |
| 29 | None | N | Y | 24 | N | 0 | 13 | 13 | 13 |
| 30 | None | N | Y | 24 | N | 0 | 20 | 20 | 20 |
| 31 | Cold | Y | Y | 24 | N | 0 | 10 | 10 | 10 |
| 32 | Cold | Y | Y | 24 | N | 0 | 20 | 20 | 20 |
| 33 | None | N | Y | 24 | N | 0 | 10 | 10 | 10 |
| 34 | Cold | Y | Y | 24 | N | 0 | 20 | 20 | 20 |
| 35 | Cold | Y | Y | 24 | N | 0 | 10 | 10 | 10 |
| 36 | None | N | Y | 24 | N | 0 | 16 | 16 | 16 |
| 37 | None | N | Y | 24 | N | 0 | 20 | 20 | 20 |
| 38 | Cold | Y | Y | 24 | N | 0 | 13 | 13 | 13 |
| 39 | Cold | Y | Y | 24 | N | 0 | 16 | 16 | 16 |
| 40 | None | N | Y | 24 | N | 0 | 13 | 13 | 13 |
| 41 | None | N | Y | 24 | N | 0 | 20 | 20 | 20 |
| 42 | Cold | Y | Y | 24 | N | 0 | 16 | 16 | 16 |
| 43 | None | N | Y | 24 | N | 0 | 13 | 13 | 13 |
| 44 | None | N | Y | 24 | N | 0 | 16 | 16 | 16 |
| 45 | None | N | Y | 24 | N | 0 | 10 | 10 | 10 |
| 46 | Cold | Y | Y | 24 | N | 0 | 20 | 20 | 20 |
| 47 | Cold | Y | Y | 24 | N | 0 | 13 | 13 | 13 |
| 48 | Cold | Y | Y | 24 | N | 0 | 10 | 10 | 10 |
| 49 | Cold | Y | NA | NA | Y | 10 | 15 | 5 | 10 |
| 50 | C+W | Y | NA | NA | Y | 10 | 15 | 5 | 10 |
| 51 | Cold | Y | NA | NA | Y | 10 | 15 | 5 | 10 |
| 52 | C+W | Y | NA | NA | Y | 10 | 15 | 5 | 10 |
| 53 | C+W | Y | NA | NA | Y | 10 | 15 | 5 | 10 |
| 54 | Cold | Y | NA | NA | Y | 10 | 15 | 5 | 10 |
| 55 | C+W | Y | NA | NA | Y | 10 | 15 | 5 | 10 |
| 56 | Cold | Y | NA | NA | Y | 10 | 15 | 5 | 10 |
| 57 | None | N | Y | 12 | N | 0 | 20 | 20 | 20 |
| 58 | None | N | Y | 12 | N | 0 | 20 | 20 | 20 |
| 59 | None | N | Y | 12 | N | 0 | 20 | 20 | 20 |
| 60 | None | N | Y | 12 | N | 0 | 20 | 20 | 20 |

| | | | | | | | | | |
|----|------|---|----|----|-------|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Cold | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 4 | Cold | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 5 | None | N | N | | 0 N | 0 | 21 | 21 | 21 |
| 6 | None | N | Y | | 24 N | 0 | 12 | 12 | 12 |
| 7 | None | N | N | | 0 N | 0 | 12 | 12 | 12 |
| 8 | Cold | Y | Y | | 24 N | 0 | 21 | 21 | 21 |
| 9 | None | N | Y | | 24 N | 0 | 21 | 21 | 21 |
| 10 | Cold | Y | N | | 0 N | 0 | 21 | 21 | 21 |
| 11 | Cold | Y | Y | | 24 N | 0 | 12 | 12 | 12 |
| 12 | Cold | Y | N | | 0 N | 0 | 12 | 12 | 12 |
| 13 | None | N | N | | 0 N | 0 | 12 | 12 | 12 |
| 14 | Cold | Y | N | | 0 N | 0 | 12 | 12 | 12 |
| 15 | None | N | Y | | 24 N | 0 | 21 | 21 | 21 |
| 16 | None | N | N | | 0 N | 0 | 21 | 21 | 21 |
| 17 | Cold | Y | Y | | 24 N | 0 | 12 | 12 | 12 |
| 18 | Cold | Y | Y | | 24 N | 0 | 21 | 21 | 21 |
| 19 | Cold | Y | N | | 0 N | 0 | 21 | 21 | 21 |
| 20 | None | N | Y | | 24 N | 0 | 12 | 12 | 12 |
| 21 | None | N | Y | | 16 Y | 5 | 25 | 20 | 23.33333 |
| 22 | None | N | Y | | 14 Y | 5 | 18 | 13 | 15.91667 |
| 23 | None | N | Y | | 14 Y | 5 | 18 | 13 | 15.91667 |
| 24 | Cold | Y | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 25 | Cold | Y | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 26 | Cold | Y | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 27 | None | N | Y | | 0.1 N | 0 | 10 | 10 | 10 |
| 28 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 29 | Cold | Y | Y | | 12 Y | 22 | 25 | 3 | 14 |
| 30 | None | N | Y | | 0.1 N | 0 | 5 | 5 | 5 |
| 31 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 32 | None | N | Y | | 0.1 N | 0 | 25 | 25 | 25 |
| 33 | W+C | Y | Y | | 12 Y | 22 | 25 | 3 | 14 |
| 34 | None | N | Y | | 0.1 N | 0 | 20 | 20 | 20 |
| 35 | None | N | Y | | 0.1 N | 0 | 15 | 15 | 15 |
| 36 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 37 | Cold | Y | Y | | 12 Y | 22 | 25 | 3 | 14 |
| 38 | None | N | Y | | 14 Y | 5 | 25 | 20 | 22.91667 |
| 39 | None | N | Y | | 14 Y | 5 | 15 | 10 | 12.91667 |
| 40 | Cold | Y | Y | | 14 Y | 5 | 25 | 20 | 22.91667 |
| 41 | None | N | Y | | 14 Y | 5 | 20 | 15 | 17.91667 |
| 42 | None | N | Y | | 14 N | 0 | 25 | 25 | 25 |
| 43 | None | N | Y | | 14 Y | 10 | 35 | 25 | 30.83333 |
| 44 | None | N | Y | | 10 N | 0 | 21 | 21 | 21 |
| 45 | None | N | Y | | 12 N | 0 | 20 | 20 | 20 |
| 46 | None | N | Y | | 12 N | 0 | 20 | 20 | 20 |
| 47 | None | N | Y | | 12 N | 0 | 20 | 20 | 20 |
| 48 | None | N | Y | | 12 Y | 10 | 20 | 10 | 15 |
| 49 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 50 | Cold | Y | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 51 | None | N | Y | | 8 N | 0 | 23 | 23 | 23 |
| 52 | Cold | Y | N | | 0 Y | 10 | 30 | 20 | 25 |
| 53 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 54 | Cold | Y | Y | | 8 N | 0 | 23 | 23 | 23 |
| 55 | Cold | Y | N | | 0 N | 0 | 23 | 23 | 23 |
| 56 | Cold | Y | N | | 0 Y | 10 | 30 | 20 | 25 |
| 57 | None | N | Y | | 8 N | 0 | 23 | 23 | 23 |
| 58 | None | N | N | | 0 N | 0 | 23 | 23 | 23 |
| 59 | None | N | N | | 0 N | 0 | 23 | 23 | 23 |
| 60 | None | N | N | | 0 N | 0 | 23 | 23 | 23 |

| | | | | | | | | | |
|----|------|---|----|-----|---|-----|------|-----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Cold | Y | Y | 8 | Y | 10 | 30 | 20 | 23.33333 |
| 4 | None | N | N | 0 | Y | 10 | 30 | 20 | 25 |
| 5 | None | N | N | 0 | N | 0 | 23 | 23 | 23 |
| 6 | Cold | Y | Y | 8 | N | 0 | 23 | 23 | 23 |
| 7 | None | N | N | 0 | Y | 10 | 30 | 20 | 25 |
| 8 | Cold | Y | N | 0 | N | 0 | 23 | 23 | 23 |
| 9 | None | N | N | 0 | Y | 15 | 18.5 | 3.5 | 11 |
| 10 | None | N | Y | 14 | Y | 15 | 18.5 | 3.5 | 12.25 |
| 11 | None | N | N | 0 | Y | 15 | 18.5 | 3.5 | 11 |
| 12 | None | N | Y | 14 | Y | 15 | 18.5 | 3.5 | 12.25 |
| 13 | None | N | Y | 0.1 | N | 0 | 20 | 20 | 20 |
| 14 | Cold | Y | N | 0 | N | 0 | 20 | 20 | 20 |
| 15 | None | N | N | 0 | N | 0 | 20 | 20 | 20 |
| 16 | Cold | Y | Y | 0.1 | N | 0 | 20 | 20 | 20 |
| 17 | None | N | N | 0 | Y | 12 | 28 | 16 | 22 |
| 18 | None | N | Y | 18 | N | 0 | 12 | 12 | 12 |
| 19 | Cold | Y | Y | 18 | N | 0 | 12 | 12 | 12 |
| 20 | Cold | Y | N | 0 | N | 0 | 20 | 20 | 20 |
| 21 | None | N | N | 0 | N | 0 | 25 | 25 | 25 |
| 22 | Cold | Y | N | 0 | N | 0 | 15 | 15 | 15 |
| 23 | None | N | N | 0 | N | 0 | 30 | 30 | 30 |
| 24 | None | N | N | 0 | N | 0 | 20 | 20 | 20 |
| 25 | None | N | N | 0 | N | 0 | 15 | 15 | 15 |
| 26 | None | N | N | 0 | N | 0 | 10 | 10 | 10 |
| 27 | Cold | Y | N | 0 | N | 0 | 30 | 30 | 30 |
| 28 | Cold | Y | N | 0 | N | 0 | 10 | 10 | 10 |
| 29 | Cold | Y | N | 0 | N | 0 | 25 | 25 | 25 |
| 30 | None | N | N | 0 | N | 0 | 20 | 20 | 20 |
| 31 | None | N | N | 0 | N | 0 | 30 | 30 | 30 |
| 32 | None | N | N | 0 | N | 0 | 5 | 5 | 5 |
| 33 | None | N | Y | 8 | Y | 10 | 30 | 20 | 23.33333 |
| 34 | Cold | Y | Y | 12 | Y | 2 | 18 | 16 | 17 |
| 35 | None | N | Y | 8 | N | 0 | 22 | 22 | 22 |
| 36 | None | N | N | 0 | Y | -1 | 8 | 9 | 8.5 |
| 37 | None | N | N | 0 | Y | -1 | 14 | 15 | 14.5 |
| 38 | None | N | Y | 8 | N | 0 | 8 | 8 | 8 |
| 39 | None | N | Y | 8 | N | 0 | 20 | 20 | 20 |
| 40 | None | N | N | 0 | Y | -1 | 22 | 23 | 22.5 |
| 41 | None | N | N | 0 | Y | -1 | 6 | 7 | 6.5 |
| 42 | None | N | Y | 8 | N | 0 | 14 | 14 | 14 |
| 43 | None | N | Y | 8 | N | 0 | 4 | 4 | 4 |
| 44 | None | N | N | 0 | Y | -1 | 26 | 27 | 26.5 |
| 45 | None | N | NA | NA | N | 0 | 6 | 6 | 6 |
| 46 | None | N | Y | 12 | Y | 10 | 21 | 11 | 16 |
| 47 | None | N | Y | 12 | N | 0 | 21 | 21 | 21 |
| 48 | None | N | N | 0 | Y | -1 | 10 | 11 | 10.5 |
| 49 | None | N | Y | 12 | Y | 10 | 26 | 16 | 21 |
| 50 | None | N | Y | 8 | N | 0 | 16 | 16 | 16 |
| 51 | None | N | NA | NA | Y | 10 | 26 | 16 | 21 |
| 52 | None | N | NA | NA | N | 0 | 26 | 26 | 26 |
| 53 | None | N | Y | 8 | N | 0 | 18 | 18 | 18 |
| 54 | None | N | N | 0 | Y | -11 | 18 | 29 | 23.5 |
| 55 | None | N | N | 0 | Y | -1 | 4 | 5 | 4.5 |
| 56 | None | N | N | 0 | Y | -1 | 20 | 21 | 20.5 |
| 57 | None | N | NA | NA | N | 0 | 21 | 21 | 21 |
| 58 | None | N | NA | NA | N | 0 | 31 | 31 | 31 |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | NA | NA | N | 0 | 11 | 11 | 11 |
| 4 | None | N | Y | | 8 N | 0 | 12 | 12 | 12 |
| 5 | None | N | Y | | 8 N | 0 | 2 | 2 | 2 |
| 6 | None | N | N | | 0 Y | -1 | 2 | 3 | 2.5 |
| 7 | None | N | N | | 0 Y | -1 | 12 | 13 | 12.5 |
| 8 | None | N | N | | 0 Y | -1 | 24 | 25 | 24.5 |
| 9 | None | N | Y | | 12 N | 0 | 16 | 16 | 16 |
| 10 | None | N | Y | | 8 N | 0 | 10 | 10 | 10 |
| 11 | None | N | N | | 0 Y | -1 | 16 | 17 | 16.5 |
| 12 | None | N | Y | | 12 Y | 14 | 33 | 19 | 26 |
| 13 | None | N | Y | | 8 N | 0 | 26 | 26 | 26 |
| 14 | None | N | Y | | 8 N | 0 | 24 | 24 | 24 |
| 15 | None | N | NA | NA | N | 0 | 16 | 16 | 16 |
| 16 | None | N | Y | | 12 N | 0 | 26 | 26 | 26 |
| 17 | None | N | Y | | 8 N | 0 | 6 | 6 | 6 |
| 18 | None | N | NA | NA | Y | 10 | 21 | 11 | 16 |
| 19 | Cold | Y | Y | | 16 N | 0 | 10 | 10 | 10 |
| 20 | Cold | Y | Y | | 16 N | 0 | 30 | 30 | 30 |
| 21 | Cold | Y | N | | 0 N | 0 | 30 | 30 | 30 |
| 22 | Cold | Y | Y | | 16 N | 0 | 25 | 25 | 25 |
| 23 | Cold | Y | Y | | 16 N | 0 | 15 | 15 | 15 |
| 24 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 25 | Cold | Y | Y | | 16 N | 0 | 15 | 15 | 15 |
| 26 | Cold | Y | N | | 0 N | 0 | 10 | 10 | 10 |
| 27 | Cold | Y | N | | 0 N | 0 | 10 | 10 | 10 |
| 28 | Cold | Y | N | | 0 N | 0 | 25 | 25 | 25 |
| 29 | Cold | Y | N | | 0 N | 0 | 30 | 30 | 30 |
| 30 | Cold | Y | Y | | 16 N | 0 | 30 | 30 | 30 |
| 31 | Cold | Y | N | | 0 N | 0 | 15 | 15 | 15 |
| 32 | Cold | Y | N | | 0 N | 0 | 25 | 25 | 25 |
| 33 | Cold | Y | Y | | 16 N | 0 | 10 | 10 | 10 |
| 34 | Cold | Y | Y | | 16 N | 0 | 25 | 25 | 25 |
| 35 | None | N | Y | | 12 Y | 5 | 20 | 15 | 17.5 |
| 36 | None | N | N | | 0 Y | 5 | 20 | 15 | 17.5 |
| 37 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 38 | Cold | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 39 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 40 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 41 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 42 | None | N | Y | | 24 Y | 10 | 20 | 10 | 15 |
| 43 | None | N | Y | | 24 Y | 10 | 20 | 10 | 15 |
| 44 | None | N | Y | | 12 N | 0 | 15 | 15 | 15 |
| 45 | None | N | Y | | 24 Y | 10 | 20 | 10 | 15 |
| 46 | None | N | Y | | 12 N | 0 | 15 | 15 | 15 |
| 47 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 48 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 49 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 50 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 51 | None | N | Y | | 12 N | 0 | 15 | 15 | 15 |
| 52 | None | N | Y | | 24 Y | 10 | 20 | 10 | 15 |
| 53 | None | N | Y | | 24 Y | 10 | 20 | 10 | 15 |
| 54 | None | N | Y | | 24 N | 0 | 15 | 15 | 15 |
| 55 | None | N | Y | | 24 N | 0 | 15 | 15 | 15 |
| 56 | None | N | Y | | 24 N | 0 | 15 | 15 | 15 |
| 57 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 58 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 59 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 60 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |

| | | | | | | | | |
|----|------|---|---|------|----|------|------|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 4 | None | N | Y | 12 N | 0 | 15 | 15 | 15 |
| 5 | None | N | Y | 24 N | 0 | 15 | 15 | 15 |
| 6 | None | N | Y | 24 N | 0 | 15 | 15 | 15 |
| 7 | None | N | Y | 12 N | 0 | 15 | 15 | 15 |
| 8 | None | N | Y | 12 N | 0 | 15 | 15 | 15 |
| 9 | None | N | Y | 24 N | 0 | 15 | 15 | 15 |
| 10 | None | N | Y | 24 N | 0 | 15 | 15 | 15 |
| 11 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 12 | None | N | Y | 24 Y | 10 | 20 | 10 | 15 |
| 13 | None | N | Y | 24 Y | 10 | 20 | 10 | 15 |
| 14 | None | N | Y | 24 N | 0 | 15 | 15 | 15 |
| 15 | None | N | Y | 24 Y | 10 | 20 | 10 | 15 |
| 16 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 17 | None | N | Y | 12 N | 0 | 15 | 15 | 15 |
| 18 | None | N | Y | 24 N | 0 | 15 | 15 | 15 |
| 19 | None | N | Y | 24 Y | 10 | 20 | 10 | 15 |
| 20 | None | N | Y | 12 N | 0 | 15 | 15 | 15 |
| 21 | None | N | Y | 12 N | 0 | 15 | 15 | 15 |
| 22 | None | N | Y | 12 N | 0 | 15 | 15 | 15 |
| 23 | None | N | Y | 12 N | 0 | 15 | 15 | 15 |
| 24 | None | N | Y | 12 N | 0 | 25 | 25 | 25 |
| 25 | Cold | Y | Y | 12 N | 0 | 25 | 25 | 25 |
| 26 | Cold | Y | Y | 12 N | 0 | 15 | 15 | 15 |
| 27 | Cold | Y | Y | 12 N | 0 | 25 | 25 | 25 |
| 28 | Cold | Y | Y | 12 N | 0 | 15 | 15 | 15 |
| 29 | Cold | Y | Y | 16 Y | 15 | 25 | 10 | 20 |
| 30 | None | N | Y | 8 N | 0 | 6 | 6 | 6 |
| 31 | None | N | Y | 8 N | 0 | 29 | 29 | 29 |
| 32 | None | N | Y | 8 N | 0 | 8 | 8 | 8 |
| 33 | None | N | Y | 8 Y | 10 | 17 | 7 | 10.33333 |
| 34 | None | N | Y | 8 N | 0 | 13 | 13 | 13 |
| 35 | None | N | Y | 8 N | 0 | 27 | 27 | 27 |
| 36 | None | N | Y | 12 Y | 10 | 21 | 11 | 16 |
| 37 | None | N | N | 0 Y | 10 | 21 | 11 | 16 |
| 38 | None | N | N | 0 Y | 10 | 21 | 11 | 16 |
| 39 | None | N | Y | 12 Y | 10 | 21 | 11 | 16 |
| 40 | None | N | Y | 12 N | 0 | 16 | 16 | 16 |
| 41 | Cold | Y | Y | 14 Y | 9 | 25 | 16 | 21.25 |
| 42 | None | N | Y | 14 Y | 9 | 25 | 16 | 21.25 |
| 43 | Cold | Y | Y | 14 Y | 9 | 25 | 16 | 21.25 |
| 44 | None | N | Y | 14 N | 0 | 22.5 | 22.5 | 22.5 |
| 45 | None | N | N | 0 Y | 10 | 26 | 16 | 21 |
| 46 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 47 | None | N | N | 0 Y | 10 | 20 | 10 | 15 |
| 48 | None | N | Y | 8 N | 0 | 15 | 15 | 15 |
| 49 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 50 | None | N | Y | 8 N | 0 | 10.4 | 10.4 | 10.4 |
| 51 | None | N | Y | 8 Y | 10 | 26 | 16 | 19.33333 |
| 52 | None | N | Y | 8 N | 0 | 15 | 15 | 15 |
| 53 | None | N | Y | 8 N | 0 | 8.6 | 8.6 | 8.6 |
| 54 | None | N | Y | 8 Y | 10 | 20 | 10 | 13.33333 |
| 55 | None | N | Y | 8 N | 0 | 24.8 | 24.8 | 24.8 |
| 56 | None | N | Y | 8 N | 0 | 19.4 | 19.4 | 19.4 |
| 57 | None | N | Y | 8 N | 0 | 26.6 | 26.6 | 26.6 |
| 58 | None | N | Y | 8 N | 0 | 21.2 | 21.2 | 21.2 |
| 59 | None | N | Y | 8 N | 0 | 15.8 | 15.8 | 15.8 |
| 60 | None | N | Y | 8 N | 0 | 15.8 | 15.8 | 15.8 |

| | | | | | | | | | |
|----|------|---|----|-------|----|------|------|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | 8 N | 0 | 23 | 23 | 23 | |
| 4 | None | N | Y | 8 N | 0 | 12.2 | 12.2 | 12.2 | |
| 5 | None | N | Y | 8 Y | 10 | 20 | 10 | 13.33333 | |
| 6 | None | N | Y | 8 N | 0 | 30.2 | 30.2 | 30.2 | |
| 7 | None | N | Y | 8 N | 0 | 5 | 5 | 5 | |
| 8 | None | N | Y | 8 N | 0 | 28.4 | 28.4 | 28.4 | |
| 9 | None | N | Y | 8 N | 0 | 14 | 14 | 14 | |
| 10 | None | N | Y | 8 N | 0 | 17.6 | 17.6 | 17.6 | |
| 11 | None | N | Y | 8 Y | 10 | 20 | 10 | 13.33333 | |
| 12 | None | N | Y | 8 N | 0 | 6.8 | 6.8 | 6.8 | |
| 13 | None | N | N | 0 Y | 10 | 25 | 15 | 20 | |
| 14 | Cold | Y | Y | 12 Y | 10 | 35 | 25 | 30 | |
| 15 | None | N | Y | 12 N | 0 | 25 | 25 | 25 | |
| 16 | None | N | Y | 12 Y | 15 | 35 | 20 | 27.5 | |
| 17 | None | N | N | 0 Y | 10 | 35 | 25 | 30 | |
| 18 | Cold | Y | Y | 12 N | 0 | 20 | 20 | 20 | |
| 19 | Cold | Y | Y | 12 N | 0 | 35 | 35 | 35 | |
| 20 | Cold | Y | Y | 12 Y | 10 | 15 | 5 | 10 | |
| 21 | None | N | Y | 12 N | 0 | 15 | 15 | 15 | |
| 22 | Cold | Y | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 23 | None | N | Y | 12 N | 0 | 20 | 20 | 20 | |
| 24 | Cold | Y | Y | 12 N | 0 | 15 | 15 | 15 | |
| 25 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 26 | Cold | Y | Y | 12 N | 0 | 10 | 10 | 10 | |
| 27 | Cold | Y | Y | 12 N | 0 | 25 | 25 | 25 | |
| 28 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 29 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 30 | Cold | Y | Y | 12 N | 0 | 30 | 30 | 30 | |
| 31 | None | N | N | 0 Y | 10 | 20 | 10 | 15 | |
| 32 | None | N | N | 0 N | 0 | 35 | 35 | 35 | |
| 33 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 34 | None | N | N | 0 N | 0 | 30 | 30 | 30 | |
| 35 | None | N | Y | 12 N | 0 | 35 | 35 | 35 | |
| 36 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 37 | None | N | N | 0 Y | 10 | 30 | 20 | 25 | |
| 38 | Cold | Y | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 39 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 40 | None | N | Y | 12 N | 0 | 30 | 30 | 30 | |
| 41 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 42 | None | N | N | 0 N | 0 | 30 | 30 | 30 | |
| 43 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 44 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 45 | None | N | N | 0 N | 0 | 5 | 5 | 5 | |
| 46 | None | N | N | 0 N | 0 | 35 | 35 | 35 | |
| 47 | None | N | N | 0 N | 0 | 10 | 10 | 10 | |
| 48 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 49 | None | N | NA | NA | 0 | 3 | 3 | 3 | |
| 50 | None | N | NA | NA | 0 | 3 | 3 | 3 | |
| 51 | None | N | Y | 0.1 Y | 10 | 20 | 10 | 15 | |
| 52 | None | N | Y | 0.1 Y | 10 | 20 | 10 | 15 | |
| 53 | None | N | NA | NA | 0 | 15 | 15 | 15 | |
| 54 | None | N | NA | NA | 0 | 25 | 25 | 25 | |
| 55 | None | N | NA | NA | 5 | 30 | 25 | 27.5 | |
| 56 | None | N | NA | NA | 0 | 20 | 20 | 20 | |
| 57 | None | N | NA | NA | 5 | 20 | 15 | 17.5 | |
| 58 | None | N | NA | NA | 5 | 15 | 10 | 12.5 | |

| | | | | | | | | | |
|----|------|---|----|-------|--|----|------|------|------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | 0.1 Y | | 20 | 30 | 10 | 20 |
| 4 | None | N | Y | 0.1 Y | | 15 | 25 | 10 | 17.5 |
| 5 | Cold | Y | Y | 0.1 N | | 0 | 15 | 15 | 15 |
| 6 | Cold | Y | Y | 0.1 N | | 0 | 25 | 25 | 25 |
| 7 | Cold | Y | Y | 0.1 N | | 0 | 10 | 10 | 10 |
| 8 | Cold | Y | Y | 0.1 N | | 0 | 30 | 30 | 30 |
| 9 | Cold | Y | Y | 0.1 Y | | 10 | 30 | 20 | 25 |
| 10 | None | N | Y | 0.1 Y | | 10 | 30 | 20 | 25 |
| 11 | Cold | Y | Y | 0.1 N | | 0 | 20 | 20 | 20 |
| 12 | None | N | Y | 0.1 N | | 0 | 20 | 20 | 20 |
| 13 | Cold | Y | Y | 0.1 Y | | 15 | 25 | 10 | 17.5 |
| 14 | None | N | Y | 0.1 N | | 0 | 15 | 15 | 15 |
| 15 | None | N | Y | 0.1 N | | 0 | 25 | 25 | 25 |
| 16 | None | N | Y | 24 N | | 0 | 25 | 25 | 25 |
| 17 | None | N | N | 0 N | | 0 | 25 | 25 | 25 |
| 18 | Cold | Y | N | 0 N | | 0 | 25 | 25 | 25 |
| 19 | Cold | Y | Y | 24 N | | 0 | 25 | 25 | 25 |
| 20 | None | N | Y | 14 N | | 0 | 22.5 | 22.5 | 22.5 |
| 21 | None | N | N | 0 N | | 0 | 25 | 25 | 25 |
| 22 | None | N | N | 0 N | | 0 | 25 | 25 | 25 |
| 23 | None | N | N | 0 N | | 0 | 25 | 25 | 25 |
| 24 | None | N | NA | NA N | | 0 | 25 | 25 | 25 |
| 25 | None | N | NA | NA Y | | 10 | 30 | 20 | 25 |
| 26 | None | N | NA | NA N | | 0 | 25 | 25 | 25 |
| 27 | None | N | NA | NA Y | | 10 | 30 | 20 | 25 |
| 28 | None | N | NA | NA Y | | 10 | 30 | 20 | 25 |
| 29 | Cold | Y | N | 0 N | | 0 | 20 | 20 | 20 |
| 30 | None | N | N | 0 N | | 0 | 20 | 20 | 20 |
| 31 | None | N | N | 0 N | | 0 | 10 | 10 | 10 |
| 32 | None | N | Y | 24 N | | 0 | 10 | 10 | 10 |
| 33 | None | N | N | 0 N | | 0 | 10 | 10 | 10 |
| 34 | None | N | Y | 24 N | | 0 | 20 | 20 | 20 |
| 35 | None | N | Y | 24 N | | 0 | 30 | 30 | 30 |
| 36 | None | N | N | 0 N | | 0 | 30 | 30 | 30 |
| 37 | None | N | N | 0 N | | 0 | 20 | 20 | 20 |
| 38 | None | N | Y | 24 N | | 0 | 30 | 30 | 30 |
| 39 | None | N | Y | 24 N | | 0 | 10 | 10 | 10 |
| 40 | None | N | Y | 24 N | | 0 | 20 | 20 | 20 |
| 41 | None | N | N | 0 N | | 0 | 20 | 20 | 20 |
| 42 | None | N | N | 0 N | | 0 | 30 | 30 | 30 |
| 43 | None | N | N | 0 N | | 0 | 20 | 20 | 20 |
| 44 | None | N | N | 0 N | | 0 | 15 | 15 | 15 |
| 45 | None | N | N | 0 Y | | 20 | 25 | 5 | 15 |
| 46 | None | N | Y | 0.1 N | | 0 | 30 | 30 | 30 |
| 47 | None | N | Y | 0.1 N | | 0 | 30 | 30 | 30 |
| 48 | None | N | Y | 0.1 N | | 0 | 15 | 15 | 15 |
| 49 | None | N | N | 0 Y | | 20 | 25 | 5 | 15 |
| 50 | None | N | Y | 0.1 N | | 0 | 20 | 20 | 20 |
| 51 | None | N | N | 0 N | | 0 | 30 | 30 | 30 |
| 52 | None | N | Y | 0.1 N | | 0 | 25 | 25 | 25 |
| 53 | None | N | N | 0 N | | 0 | 20 | 20 | 20 |
| 54 | None | N | Y | 0.1 N | | 0 | 20 | 20 | 20 |
| 55 | None | N | Y | 0.1 Y | | 20 | 25 | 5 | 15 |
| 56 | None | N | N | 0 N | | 0 | 25 | 25 | 25 |
| 57 | None | N | Y | 0.1 Y | | 20 | 25 | 5 | 15 |
| 58 | None | N | N | 0 N | | 0 | 15 | 15 | 15 |
| 59 | None | N | Y | 0.1 N | | 0 | 25 | 25 | 25 |
| 60 | None | N | Y | 0.1 N | | 0 | 25 | 25 | 25 |

| | | | | | | | | |
|----|------|---|---|-------|----|------|------|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | None | N | N | 0 N | 0 | 25 | 25 | 25 |
| 4 | None | N | N | 0 N | 0 | 30 | 30 | 30 |
| 5 | None | N | Y | 0.1 N | 0 | 15 | 15 | 15 |
| 6 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 7 | None | N | Y | 0.1 N | 0 | 30 | 30 | 30 |
| 8 | None | N | Y | 0.1 N | 0 | 20 | 20 | 20 |
| 9 | Cold | Y | N | 0 N | 0 | 18.3 | 18.3 | 18.3 |
| 10 | None | N | N | 0 N | 0 | 20 | 20 | 20 |
| 11 | None | N | Y | 0.1 N | 0 | 25 | 25 | 25 |
| 12 | Cold | Y | N | 0 N | 0 | 29.4 | 29.4 | 29.4 |
| 13 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 14 | Cold | Y | N | 0 N | 0 | 23.9 | 23.9 | 23.9 |
| 15 | None | N | Y | 0.1 N | 0 | 15 | 15 | 15 |
| 16 | Cold | Y | N | 0 N | 0 | 12.8 | 12.8 | 12.8 |
| 17 | None | N | N | 0 Y | 10 | 25 | 15 | 20 |
| 18 | None | N | N | 0 N | 0 | 25 | 25 | 25 |
| 19 | None | N | Y | 0.1 Y | 10 | 25 | 15 | 20 |
| 20 | None | N | N | 0 N | 0 | 30 | 30 | 30 |
| 21 | None | N | Y | 16 Y | 10 | 20 | 10 | 16.66667 |
| 22 | None | N | Y | 16 Y | 10 | 20 | 10 | 16.66667 |
| 23 | None | N | Y | 16 Y | 10 | 20 | 10 | 16.66667 |
| 24 | Cold | Y | Y | 16 Y | 10 | 20 | 10 | 16.66667 |
| 25 | Cold | Y | Y | 16 Y | 10 | 20 | 10 | 16.66667 |
| 26 | Cold | Y | Y | 16 Y | 10 | 20 | 10 | 16.66667 |
| 27 | None | N | Y | 16 Y | 10 | 20 | 10 | 16.66667 |
| 28 | None | N | Y | 14 N | 0 | 22.5 | 22.5 | 22.5 |
| 29 | None | N | Y | 14 N | 0 | 25 | 25 | 25 |
| 30 | None | N | Y | 24 N | 0 | 25 | 25 | 25 |
| 31 | Cold | Y | Y | 16 N | 0 | 22 | 22 | 22 |
| 32 | Cold | Y | Y | 16 N | 0 | 22 | 22 | 22 |
| 33 | None | N | Y | 16 Y | 8 | 22 | 14 | 19.33333 |
| 34 | Cold | Y | Y | 16 Y | 8 | 22 | 14 | 19.33333 |
| 35 | None | N | N | 0 Y | 8 | 22 | 14 | 18 |
| 36 | Cold | Y | N | 0 Y | 8 | 22 | 14 | 18 |
| 37 | None | N | N | 0 N | 0 | 23 | 23 | 23 |
| 38 | None | N | N | 0 N | 0 | 23 | 23 | 23 |
| 39 | W+C | Y | N | 0 N | 0 | 23 | 23 | 23 |
| 40 | W+C | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 41 | W+C | Y | N | 0 Y | 10 | 30 | 20 | 25 |
| 42 | W+C | Y | N | 0 N | 0 | 23 | 23 | 23 |
| 43 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 44 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 45 | None | N | N | 0 Y | 10 | 30 | 20 | 25 |
| 46 | None | N | N | 0 Y | 10 | 30 | 20 | 25 |
| 47 | None | N | Y | 8 N | 0 | 23 | 23 | 23 |
| 48 | W+C | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 49 | None | N | Y | 8 N | 0 | 23 | 23 | 23 |
| 50 | W+C | Y | Y | 8 N | 0 | 23 | 23 | 23 |
| 51 | W+C | Y | N | 0 Y | 10 | 30 | 20 | 25 |
| 52 | W+C | Y | Y | 8 N | 0 | 23 | 23 | 23 |
| 53 | None | N | Y | 15 Y | 10 | 32.8 | 22.8 | 29.05 |
| 54 | None | N | Y | 15 Y | 10 | 37.8 | 27.8 | 34.05 |
| 55 | None | N | Y | 24 N | 0 | 20 | 20 | 20 |
| 56 | None | N | Y | 24 N | 0 | 30 | 30 | 30 |
| 57 | None | N | Y | 24 N | 0 | 10 | 10 | 10 |
| 58 | None | N | Y | 12 Y | 6 | 24 | 18 | 21 |
| 59 | None | N | N | 0 Y | 6 | 24 | 18 | 21 |
| 60 | | | | | | | | |

| | | | | | | | | | |
|----|------|---|----|------|-----|------|------|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | N | 0 Y | 6 | 24 | 18 | 21 | |
| 4 | None | N | Y | 12 Y | 6 | 24 | 18 | 21 | |
| 5 | None | N | Y | 12 Y | 2 | 22 | 20 | 21 | |
| 6 | None | N | Y | 12 Y | 2 | 22 | 20 | 21 | |
| 7 | None | N | Y | 12 N | 0 | 20 | 20 | 20 | |
| 8 | None | N | Y | 12 Y | 2 | 22 | 20 | 21 | |
| 9 | None | N | Y | 12 Y | 2 | 22 | 20 | 21 | |
| 10 | Cold | Y | Y | 8 Y | 10 | 25 | 15 | 18.33333 | |
| 11 | Warm | Y | Y | 8 N | 0 | 15 | 15 | 15 | |
| 12 | W+C | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 13 | Warm | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 14 | W+C | Y | Y | 8 N | 0 | 15 | 15 | 15 | |
| 15 | None | N | Y | 10 N | 0 | 24 | 24 | 24 | |
| 16 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 17 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 18 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 19 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 20 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 21 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 22 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 23 | None | N | Y | 12 N | 0 | 20 | 20 | 20 | |
| 24 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 25 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 26 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 27 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 28 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 29 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 30 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 31 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 32 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 33 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 34 | None | N | Y | 8 Y | 5 | 25 | 20 | 21.66667 | |
| 35 | Cold | Y | Y | 8 Y | 5 | 25 | 20 | 21.66667 | |
| 36 | None | N | Y | 12 Y | 6 | 28 | 22 | 25 | |
| 37 | Cold | Y | NA | NA | 0 | 13 | 13 | 13 | |
| 38 | Cold | Y | NA | NA | 0 | 13 | 13 | 13 | |
| 39 | None | N | NA | NA | 0 | 5 | 5 | 5 | |
| 40 | None | N | NA | NA | 9.3 | 23.4 | 14.1 | 18.75 | |
| 41 | None | N | NA | NA | 8 | 15.9 | 7.9 | 11.9 | |
| 42 | Cold | Y | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 43 | None | N | Y | 12 Y | 20 | 30 | 10 | 20 | |
| 44 | None | N | Y | 12 N | 0 | 20 | 20 | 20 | |
| 45 | None | N | Y | 12 N | 0 | 25 | 25 | 25 | |
| 46 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 47 | None | N | Y | 12 N | 0 | 15 | 15 | 15 | |
| 48 | Cold | Y | Y | 12 N | 0 | 15 | 15 | 15 | |
| 49 | Cold | Y | Y | 12 N | 0 | 25 | 25 | 25 | |
| 50 | Cold | Y | Y | 12 N | 0 | 30 | 30 | 30 | |
| 51 | Cold | Y | Y | 12 N | 0 | 20 | 20 | 20 | |
| 52 | Cold | Y | Y | 12 Y | 20 | 30 | 10 | 20 | |
| 53 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 54 | None | N | Y | 12 N | 0 | 30 | 30 | 30 | |
| 55 | Cold | Y | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 56 | None | N | N | 0 N | 0 | 16 | 16 | 16 | |
| 57 | None | N | Y | 12 Y | 10 | 22 | 12 | 17 | |
| 58 | Cold | Y | Y | 12 N | 0 | 16 | 16 | 16 | |
| 59 | Cold | Y | Y | 12 Y | 10 | 22 | 12 | 17 | |
| 60 | Cold | Y | Y | 12 Y | 10 | 22 | 12 | 17 | |

| | | | | | | | | | |
|----|------|---|---|------|----|----|----|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | 12 N | 0 | 16 | 16 | 16 | |
| 4 | None | N | Y | 12 Y | 10 | 22 | 12 | 17 | |
| 5 | Cold | Y | Y | 12 N | 0 | 16 | 16 | 16 | |
| 6 | Cold | Y | Y | 12 N | 0 | 16 | 16 | 16 | |
| 7 | None | N | N | 0 N | 0 | 16 | 16 | 16 | |
| 8 | Cold | Y | N | 0 Y | 10 | 22 | 12 | 17 | |
| 9 | Cold | Y | N | 0 N | 0 | 16 | 16 | 16 | |
| 10 | Cold | Y | N | 0 N | 0 | 16 | 16 | 16 | |
| 11 | None | N | Y | 12 N | 0 | 16 | 16 | 16 | |
| 12 | Cold | Y | N | 0 Y | 10 | 22 | 12 | 17 | |
| 13 | None | N | N | 0 Y | 10 | 22 | 12 | 17 | |
| 14 | Cold | Y | N | 0 Y | 10 | 22 | 12 | 17 | |
| 15 | Cold | Y | N | 0 N | 0 | 16 | 16 | 16 | |
| 16 | None | N | N | 0 Y | 10 | 22 | 12 | 17 | |
| 17 | None | N | N | 0 N | 0 | 16 | 16 | 16 | |
| 18 | None | N | Y | 12 N | 0 | 16 | 16 | 16 | |
| 19 | None | N | Y | 12 Y | 10 | 22 | 12 | 17 | |
| 20 | Cold | Y | Y | 12 Y | 10 | 22 | 12 | 17 | |
| 21 | Cold | Y | Y | 12 Y | 10 | 22 | 12 | 17 | |
| 22 | None | N | N | 0 Y | 10 | 22 | 12 | 17 | |
| 23 | None | N | N | 0 Y | 10 | 25 | 15 | 20 | |
| 24 | None | N | N | 0 N | 0 | 10 | 10 | 10 | |
| 25 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 26 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 27 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 28 | None | N | N | 0 N | 0 | 5 | 5 | 5 | |
| 29 | None | N | Y | 8 Y | 7 | 27 | 20 | 22.33333 | |
| 30 | None | N | Y | 24 N | 0 | 30 | 30 | 30 | |
| 31 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 32 | None | N | N | 0 N | 0 | 5 | 5 | 5 | |
| 33 | Cold | Y | Y | 24 N | 0 | 15 | 15 | 15 | |
| 34 | Cold | Y | Y | 24 N | 0 | 5 | 5 | 5 | |
| 35 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 36 | None | N | Y | 24 N | 0 | 15 | 15 | 15 | |
| 37 | None | N | Y | 24 N | 0 | 10 | 10 | 10 | |
| 38 | Cold | Y | Y | 24 N | 0 | 25 | 25 | 25 | |
| 39 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 40 | None | N | Y | 24 N | 0 | 5 | 5 | 5 | |
| 41 | Cold | Y | Y | 24 N | 0 | 10 | 10 | 10 | |
| 42 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 | |
| 43 | None | N | Y | 24 N | 0 | 25 | 25 | 25 | |
| 44 | None | N | N | 0 N | 0 | 10 | 10 | 10 | |
| 45 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 46 | None | N | N | 0 N | 0 | 30 | 30 | 30 | |
| 47 | Cold | Y | Y | 24 N | 0 | 30 | 30 | 30 | |
| 48 | Cold | Y | Y | 12 Y | 9 | 15 | 6 | 10.5 | |
| 49 | Cold | Y | Y | 12 Y | 9 | 15 | 6 | 10.5 | |
| 50 | Cold | Y | Y | 12 N | 0 | 22 | 22 | 22 | |
| 51 | None | N | Y | 8 Y | 5 | 25 | 20 | 21.66667 | |
| 52 | Cold | Y | Y | 8 Y | 5 | 25 | 20 | 21.66667 | |
| 53 | Cold | Y | Y | 12 N | 0 | 22 | 22 | 22 | |
| 54 | Cold | Y | Y | 12 N | 0 | 22 | 22 | 22 | |
| 55 | Cold | Y | Y | 12 N | 0 | 22 | 22 | 22 | |
| 56 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 57 | None | N | Y | 12 Y | 25 | 35 | 10 | 22.5 | |
| 58 | None | N | Y | 12 N | 0 | 25 | 25 | 25 | |

| | | | | | | | | | |
|----|------|---|----|------|----|----|----|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Cold | Y | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 4 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 5 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 6 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 7 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 8 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 9 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 10 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 11 | Cold | Y | Y | 8 Y | 5 | 25 | 20 | 21.66667 | |
| 12 | None | N | Y | 8 Y | 5 | 25 | 20 | 21.66667 | |
| 13 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 14 | None | N | Y | 15 Y | 8 | 25 | 17 | 22 | |
| 15 | None | N | Y | 15 Y | 8 | 25 | 17 | 22 | |
| 16 | None | N | Y | 15 Y | 8 | 25 | 17 | 22 | |
| 17 | None | N | Y | 8 N | 0 | 15 | 15 | 15 | |
| 18 | Cold | Y | Y | 8 N | 0 | 15 | 15 | 15 | |
| 19 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 20 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 21 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 22 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 23 | Cold | Y | Y | 8 N | 0 | 15 | 15 | 15 | |
| 24 | None | N | Y | 8 N | 0 | 15 | 15 | 15 | |
| 25 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 26 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 27 | None | N | Y | 12 Y | 15 | 30 | 15 | 22.5 | |
| 28 | Cold | Y | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 29 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 30 | None | N | Y | 12 N | 0 | 5 | 5 | 5 | |
| 31 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 32 | None | N | Y | 12 Y | 9 | 15 | 6 | 10.5 | |
| 33 | None | N | NA | NA | 0 | 20 | 20 | 20 | |
| 34 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 35 | Cold | Y | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 36 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 37 | Cold | Y | Y | 12 N | 0 | 25 | 25 | 25 | |
| 38 | Cold | Y | Y | 12 N | 0 | 5 | 5 | 5 | |
| 39 | Warm | Y | Y | 12 N | 0 | 5 | 5 | 5 | |
| 40 | Warm | Y | Y | 12 N | 0 | 10 | 10 | 10 | |
| 41 | None | N | Y | 12 N | 0 | 10 | 10 | 10 | |
| 42 | None | N | Y | 12 Y | 15 | 25 | 10 | 17.5 | |
| 43 | Cold | Y | Y | 12 N | 0 | 20 | 20 | 20 | |
| 44 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 45 | Warm | Y | Y | 12 N | 0 | 15 | 15 | 15 | |
| 46 | None | N | Y | 12 N | 0 | 25 | 25 | 25 | |
| 47 | Warm | Y | Y | 12 N | 0 | 25 | 25 | 25 | |
| 48 | Cold | Y | Y | 12 N | 0 | 15 | 15 | 15 | |
| 49 | Warm | Y | Y | 12 N | 0 | 20 | 20 | 20 | |
| 50 | None | N | Y | 12 N | 0 | 15 | 15 | 15 | |
| 51 | Cold | Y | Y | 12 Y | 15 | 25 | 10 | 17.5 | |
| 52 | None | N | Y | 12 N | 0 | 5 | 5 | 5 | |
| 53 | None | N | N | 0 N | 0 | 10 | 10 | 10 | |
| 54 | None | N | N | 0 N | 0 | 5 | 5 | 5 | |
| 55 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 56 | None | N | Y | 12 N | 0 | 20 | 20 | 20 | |
| 57 | None | N | N | 0 Y | 15 | 25 | 10 | 17.5 | |
| 58 | Cold | Y | Y | 12 N | 0 | 10 | 10 | 10 | |

| | | | | | | | | | |
|----|------|---|---|------|----|----|----|------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Warm | Y | Y | 12 Y | 15 | 35 | 20 | 27.5 | |
| 4 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 5 | None | N | Y | 12 Y | 9 | 15 | 6 | 10.5 | |
| 6 | None | N | N | 0 Y | 9 | 15 | 6 | 10.5 | |
| 7 | Warm | Y | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 8 | None | N | Y | 12 N | 0 | 20 | 20 | 20 | |
| 9 | Cold | Y | Y | 12 N | 0 | 30 | 30 | 30 | |
| 10 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 11 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 12 | None | N | Y | 12 Y | 15 | 30 | 15 | 22.5 | |
| 13 | Warm | Y | Y | 12 Y | 9 | 15 | 6 | 10.5 | |
| 14 | Warm | Y | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 15 | Warm | Y | N | 0 Y | 9 | 15 | 6 | 10.5 | |
| 16 | Cold | Y | N | 0 N | 0 | 25 | 25 | 25 | |
| 17 | Cold | Y | Y | 12 N | 0 | 35 | 35 | 35 | |
| 18 | Cold | Y | Y | 12 Y | 15 | 35 | 20 | 27.5 | |
| 19 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 20 | None | N | N | 0 N | 0 | 30 | 30 | 30 | |
| 21 | None | N | Y | 12 N | 0 | 5 | 5 | 5 | |
| 22 | None | N | Y | 12 N | 0 | 25 | 25 | 25 | |
| 23 | Cold | Y | Y | 12 N | 0 | 20 | 20 | 20 | |
| 24 | Cold | Y | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 25 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 26 | None | N | Y | 12 N | 0 | 30 | 30 | 30 | |
| 27 | None | N | N | 0 Y | 10 | 25 | 15 | 20 | |
| 28 | Warm | Y | N | 0 Y | 10 | 25 | 15 | 20 | |
| 29 | Cold | Y | N | 0 N | 0 | 30 | 30 | 30 | |
| 30 | None | N | Y | 12 Y | 15 | 30 | 15 | 22.5 | |
| 31 | None | N | N | 0 Y | 10 | 20 | 10 | 15 | |
| 32 | Cold | Y | N | 0 N | 0 | 15 | 15 | 15 | |
| 33 | Cold | Y | Y | 12 Y | 9 | 15 | 6 | 10.5 | |
| 34 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 35 | None | N | Y | 12 Y | 15 | 35 | 20 | 27.5 | |
| 36 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 37 | Cold | Y | Y | 12 Y | 15 | 30 | 15 | 22.5 | |
| 38 | None | N | Y | 12 Y | 9 | 15 | 6 | 10.5 | |
| 39 | None | N | Y | 12 N | 0 | 35 | 35 | 35 | |
| 40 | None | N | N | 0 N | 0 | 35 | 35 | 35 | |
| 41 | Cold | Y | Y | 12 N | 0 | 25 | 25 | 25 | |
| 42 | None | N | Y | 12 Y | 15 | 35 | 20 | 27.5 | |
| 43 | Cold | Y | Y | 12 Y | 9 | 15 | 6 | 10.5 | |
| 44 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 45 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 46 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 47 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 48 | Cold | Y | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 49 | Cold | Y | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 50 | None | N | Y | 12 Y | 9 | 15 | 6 | 10.5 | |
| 51 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 52 | None | N | Y | 12 Y | 10 | 35 | 25 | 30 | |
| 53 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 54 | Cold | Y | Y | 12 Y | 10 | 35 | 25 | 30 | |
| 55 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 56 | None | N | Y | 12 Y | 10 | 15 | 5 | 10 | |
| 57 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 58 | None | N | Y | 12 Y | 10 | 10 | 0 | 5 | |
| 59 | None | N | Y | 12 Y | 10 | 10 | 0 | 5 | |
| 60 | None | N | Y | 12 Y | 10 | 10 | 0 | 5 | |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | | 12 N | 0 | 20 | 20 | 20 |
| 4 | Cold | Y | NA | NA | Y | 5 | 15 | 10 | 12.5 |
| 5 | Cold | Y | NA | NA | Y | 10 | 20 | 10 | 15 |
| 6 | None | N | NA | NA | Y | 5 | 15 | 10 | 12.5 |
| 7 | None | N | NA | NA | Y | 10 | 20 | 10 | 15 |
| 8 | Cold | Y | NA | NA | Y | 5 | 20 | 15 | 17.5 |
| 9 | None | N | NA | NA | Y | 5 | 20 | 15 | 17.5 |
| 10 | Cold | Y | NA | NA | Y | 10 | 25 | 15 | 20 |
| 11 | None | N | NA | NA | Y | 10 | 25 | 15 | 20 |
| 12 | None | N | Y | | 14 Y | 5 | 20 | 15 | 17.91667 |
| 13 | None | N | Y | | 14 Y | 4 | 5 | 1 | 3.333333 |
| 14 | None | N | Y | | 14 Y | 9 | 15 | 6 | 11.25 |
| 15 | None | N | Y | | 14 Y | 10 | 20 | 10 | 15.83333 |
| 16 | None | N | Y | | 14 Y | 10 | 25 | 15 | 20.83333 |
| 17 | None | N | Y | | 14 N | 0 | 1 | 1 | 1 |
| 18 | None | N | N | | 0 N | 0 | 19 | 19 | 19 |
| 19 | None | N | N | | 0 N | 0 | 19 | 19 | 19 |
| 20 | None | N | Y | | 12 N | 0 | 15 | 15 | 15 |
| 21 | None | N | N | | 0 N | 0 | 35 | 35 | 35 |
| 22 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 23 | None | N | N | | 0 N | 0 | 30 | 30 | 30 |
| 24 | None | N | Y | | 12 N | 0 | 20 | 20 | 20 |
| 25 | None | N | Y | | 12 N | 0 | 35 | 35 | 35 |
| 26 | None | N | Y | | 12 N | 0 | 30 | 30 | 30 |
| 27 | None | N | Y | | 12 N | 0 | 25 | 25 | 25 |
| 28 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 29 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 30 | None | N | N | | 0 N | 0 | 30 | 30 | 30 |
| 31 | None | N | Y | | 12 Y | 10 | 30 | 20 | 25 |
| 32 | Cold | Y | N | | 0 Y | 10 | 40 | 30 | 35 |
| 33 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 34 | None | N | N | | 0 N | 0 | 35 | 35 | 35 |
| 35 | Cold | Y | Y | | 12 N | 0 | 30 | 30 | 30 |
| 36 | Cold | Y | N | | 0 Y | 10 | 30 | 20 | 25 |
| 37 | Cold | Y | Y | | 12 Y | 10 | 25 | 15 | 20 |
| 38 | Cold | Y | N | | 0 Y | 10 | 25 | 15 | 20 |
| 39 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 40 | None | N | Y | | 12 N | 0 | 25 | 25 | 25 |
| 41 | Cold | Y | N | | 0 N | 0 | 35 | 35 | 35 |
| 42 | None | N | Y | | 12 N | 0 | 35 | 35 | 35 |
| 43 | None | N | N | | 0 Y | 10 | 35 | 25 | 30 |
| 44 | None | N | Y | | 12 N | 0 | 20 | 20 | 20 |
| 45 | None | N | N | | 0 Y | 10 | 40 | 30 | 35 |
| 46 | Cold | Y | Y | | 12 Y | 10 | 35 | 25 | 30 |
| 47 | None | N | Y | | 12 Y | 10 | 35 | 25 | 30 |
| 48 | Cold | Y | Y | | 12 Y | 10 | 30 | 20 | 25 |
| 49 | Cold | Y | N | | 0 N | 0 | 20 | 20 | 20 |
| 50 | Cold | Y | Y | | 12 N | 0 | 35 | 35 | 35 |
| 51 | Cold | Y | N | | 0 N | 0 | 30 | 30 | 30 |
| 52 | None | N | Y | | 12 Y | 10 | 40 | 30 | 35 |
| 53 | Cold | Y | Y | | 12 N | 0 | 25 | 25 | 25 |
| 54 | Cold | Y | Y | | 12 Y | 10 | 40 | 30 | 35 |
| 55 | None | N | Y | | 12 N | 0 | 30 | 30 | 30 |
| 56 | None | N | N | | 0 Y | 10 | 25 | 15 | 20 |
| 57 | Cold | Y | N | | 0 N | 0 | 25 | 25 | 25 |
| 58 | Cold | Y | N | | 0 Y | 10 | 35 | 25 | 30 |
| 59 | Cold | Y | N | | 0 Y | 10 | 35 | 25 | 30 |
| 60 | Cold | Y | N | | 0 Y | 10 | 35 | 25 | 30 |

| | | | | | | | | |
|----|------|---|---|------|----|----|----|----|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 |
| 4 | None | N | N | 0 Y | 10 | 30 | 20 | 25 |
| 5 | Cold | Y | Y | 12 N | 0 | 20 | 20 | 20 |
| 6 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 |
| 7 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 |
| 8 | None | N | N | 0 Y | 10 | 15 | 5 | 10 |
| 9 | Cold | Y | Y | 12 Y | 10 | 25 | 15 | 20 |
| 10 | None | N | N | 0 Y | 10 | 15 | 5 | 10 |
| 11 | Cold | Y | N | 0 Y | 10 | 25 | 15 | 20 |
| 12 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 |
| 13 | None | N | N | 0 Y | 10 | 20 | 10 | 15 |
| 14 | None | N | Y | 12 Y | 10 | 15 | 5 | 10 |
| 15 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 |
| 16 | Cold | Y | N | 0 Y | 10 | 20 | 10 | 15 |
| 17 | Cold | Y | N | 0 Y | 10 | 25 | 15 | 20 |
| 18 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 |
| 19 | Cold | Y | N | 0 Y | 10 | 15 | 5 | 10 |
| 20 | Cold | Y | N | 0 Y | 10 | 15 | 5 | 10 |
| 21 | Cold | Y | Y | 12 Y | 10 | 25 | 15 | 20 |
| 22 | Cold | Y | N | 0 Y | 10 | 20 | 10 | 15 |
| 23 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 |
| 24 | None | N | Y | 12 Y | 10 | 15 | 5 | 10 |
| 25 | Cold | Y | Y | 12 Y | 10 | 15 | 5 | 10 |
| 26 | None | N | N | 0 Y | 10 | 20 | 10 | 15 |
| 27 | None | N | N | 0 Y | 10 | 25 | 15 | 20 |
| 28 | None | N | N | 0 Y | 10 | 25 | 15 | 20 |
| 29 | Cold | Y | Y | 12 Y | 10 | 15 | 5 | 10 |
| 30 | Cold | Y | N | 0 Y | 10 | 25 | 15 | 20 |
| 31 | None | N | N | 0 Y | 10 | 15 | 5 | 10 |
| 32 | None | N | Y | 12 Y | 10 | 15 | 5 | 10 |
| 33 | Cold | Y | N | 0 Y | 10 | 15 | 5 | 10 |
| 34 | Cold | Y | N | 0 Y | 10 | 20 | 10 | 15 |
| 35 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 |
| 36 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 |
| 37 | Cold | Y | Y | 12 Y | 10 | 15 | 5 | 10 |
| 38 | None | N | N | 0 Y | 10 | 20 | 10 | 15 |
| 39 | Cold | Y | Y | 12 Y | 10 | 25 | 15 | 20 |
| 40 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 |
| 41 | None | N | N | 0 Y | 10 | 25 | 15 | 20 |
| 42 | None | N | N | 0 Y | 10 | 15 | 5 | 10 |
| 43 | Cold | Y | N | 0 Y | 10 | 25 | 15 | 20 |
| 44 | Cold | Y | N | 0 Y | 10 | 15 | 5 | 10 |
| 45 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 |
| 46 | None | N | N | 0 Y | 10 | 20 | 10 | 15 |
| 47 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 |
| 48 | Cold | Y | Y | 12 Y | 10 | 25 | 15 | 20 |
| 49 | Cold | Y | N | 0 Y | 10 | 20 | 10 | 15 |
| 50 | None | N | N | 0 Y | 10 | 25 | 15 | 20 |
| 51 | Cold | Y | Y | 12 Y | 10 | 15 | 5 | 10 |
| 52 | None | N | Y | 12 Y | 10 | 15 | 5 | 10 |
| 53 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 |
| 54 | None | N | Y | 12 Y | 10 | 15 | 5 | 10 |
| 55 | Cold | Y | N | 0 Y | 10 | 25 | 15 | 20 |
| 56 | Cold | Y | N | 0 Y | 10 | 15 | 5 | 10 |
| 57 | Cold | Y | Y | 12 Y | 10 | 15 | 5 | 10 |
| 58 | Cold | Y | N | 0 Y | 10 | 20 | 10 | 15 |

| | | | | | | | | | |
|----|------|---|---|------|-----|------|------|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | N | 0 Y | 10 | 20 | 10 | 15 | |
| 4 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 5 | None | N | N | 0 Y | 10 | 25 | 15 | 20 | |
| 6 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 7 | Cold | Y | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 8 | None | N | N | 0 Y | 10 | 15 | 5 | 10 | |
| 9 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 10 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 11 | Cold | Y | Y | 8 N | 0 | 15 | 15 | 15 | |
| 12 | None | N | Y | 8 N | 0 | 15 | 15 | 15 | |
| 13 | Cold | Y | Y | 8 N | 0 | 20 | 20 | 20 | |
| 14 | None | N | Y | 8 N | 0 | 20 | 20 | 20 | |
| 15 | None | N | N | 0 N | 0 | 16.5 | 16.5 | 16.5 | |
| 16 | None | N | N | 0 Y | 10 | 19 | 9 | 14 | |
| 17 | None | N | Y | 16 Y | 10 | 19 | 9 | 15.66667 | |
| 18 | Cold | Y | Y | 16 Y | 10 | 19 | 9 | 15.66667 | |
| 19 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 20 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 21 | Cold | Y | N | 0 N | 0 | 15 | 15 | 15 | |
| 22 | Cold | Y | N | 0 N | 0 | 25 | 25 | 25 | |
| 23 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 24 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 25 | None | N | Y | 16 N | 0 | 25 | 25 | 25 | |
| 26 | Cold | Y | Y | 16 N | 0 | 25 | 25 | 25 | |
| 27 | Cold | Y | N | 0 N | 0 | 22.5 | 22.5 | 22.5 | |
| 28 | Cold | Y | Y | 16 N | 0 | 15 | 15 | 15 | |
| 29 | Cold | Y | Y | 16 N | 0 | 22.5 | 22.5 | 22.5 | |
| 30 | None | N | Y | 16 N | 0 | 22.5 | 22.5 | 22.5 | |
| 31 | None | N | N | 0 N | 0 | 22.5 | 22.5 | 22.5 | |
| 32 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 33 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 34 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 35 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 36 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 37 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 38 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 39 | None | N | Y | 16 Y | 10 | 25 | 15 | 21.66667 | |
| 40 | None | N | Y | 16 Y | 10 | 25 | 15 | 21.66667 | |
| 41 | None | N | Y | 24 N | 0 | 10 | 10 | 10 | |
| 42 | None | N | N | 0 N | 0 | 18 | 18 | 18 | |
| 43 | None | N | N | 0 N | 0 | 14 | 14 | 14 | |
| 44 | None | N | Y | 24 N | 0 | 22 | 22 | 22 | |
| 45 | None | N | N | 0 N | 0 | 22 | 22 | 22 | |
| 46 | None | N | Y | 24 N | 0 | 18 | 18 | 18 | |
| 47 | None | N | N | 0 N | 0 | 10 | 10 | 10 | |
| 48 | None | N | Y | 24 N | 0 | 14 | 14 | 14 | |
| 49 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 50 | None | N | Y | 12 Y | 7.5 | 15 | 7.5 | 11.25 | |
| 51 | None | N | Y | 12 Y | 5 | 10 | 5 | 7.5 | |
| 52 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 53 | Cold | Y | Y | 24 N | 0 | 17 | 17 | 17 | |
| 54 | None | N | Y | 8 N | 0 | 20 | 20 | 20 | |
| 55 | Cold | Y | Y | 8 N | 0 | 20 | 20 | 20 | |
| 56 | Cold | Y | Y | 8 N | 0 | 20 | 20 | 20 | |
| 57 | None | N | Y | 8 N | 0 | 20 | 20 | 20 | |
| 58 | Cold | Y | Y | 8 N | 0 | 20 | 20 | 20 | |
| 59 | None | N | Y | 8 N | 0 | 20 | 20 | 20 | |
| 60 | None | N | Y | 8 N | 0 | 20 | 20 | 20 | |

| | | | | | | | | | |
|----|------|---|---|------|----|----|----|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | 16 Y | 10 | 30 | 20 | 26.66667 | |
| 4 | Cold | Y | Y | 16 Y | 10 | 30 | 20 | 26.66667 | |
| 5 | None | N | Y | 8 N | 0 | 20 | 20 | 20 | |
| 6 | Cold | Y | Y | 8 N | 0 | 20 | 20 | 20 | |
| 7 | None | N | Y | 8 N | 0 | 20 | 20 | 20 | |
| 8 | Cold | Y | Y | 8 N | 0 | 20 | 20 | 20 | |
| 9 | None | N | Y | 8 N | 0 | 20 | 20 | 20 | |
| 10 | Cold | Y | Y | 8 N | 0 | 20 | 20 | 20 | |
| 11 | None | N | Y | 8 N | 0 | 20 | 20 | 20 | |
| 12 | Cold | Y | Y | 8 N | 0 | 20 | 20 | 20 | |
| 13 | None | N | Y | 8 N | 0 | 20 | 20 | 20 | |
| 14 | Cold | Y | Y | 8 N | 0 | 20 | 20 | 20 | |
| 15 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 16 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 17 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 18 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 19 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 20 | None | N | Y | 18 Y | 6 | 24 | 18 | 22.5 | |
| 21 | None | N | N | 0 N | 0 | 10 | 10 | 10 | |
| 22 | Warm | Y | Y | 12 N | 0 | 25 | 25 | 25 | |
| 23 | None | N | Y | 12 Y | 10 | 15 | 5 | 10 | |
| 24 | Warm | Y | Y | 12 N | 0 | 15 | 15 | 15 | |
| 25 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 26 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 27 | None | N | Y | 12 N | 0 | 15 | 15 | 15 | |
| 28 | None | N | Y | 12 N | 0 | 20 | 20 | 20 | |
| 29 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 30 | None | N | N | 0 Y | 15 | 35 | 20 | 27.5 | |
| 31 | Cold | Y | N | 0 Y | 15 | 35 | 20 | 27.5 | |
| 32 | None | N | N | 0 Y | 10 | 25 | 15 | 20 | |
| 33 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 34 | None | N | Y | 12 Y | 15 | 30 | 15 | 22.5 | |
| 35 | Cold | Y | N | 0 Y | 10 | 25 | 15 | 20 | |
| 36 | None | N | N | 0 Y | 9 | 15 | 6 | 10.5 | |
| 37 | Cold | Y | N | 0 Y | 10 | 20 | 10 | 15 | |
| 38 | Cold | Y | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 39 | None | N | N | 0 Y | 15 | 30 | 15 | 22.5 | |
| 40 | Cold | Y | Y | 12 Y | 15 | 30 | 15 | 22.5 | |
| 41 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 42 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 43 | None | N | Y | 12 Y | 9 | 15 | 6 | 10.5 | |
| 44 | None | N | Y | 12 Y | 15 | 35 | 20 | 27.5 | |
| 45 | Cold | Y | N | 0 Y | 9 | 15 | 6 | 10.5 | |
| 46 | Cold | Y | Y | 12 Y | 15 | 35 | 20 | 27.5 | |
| 47 | None | N | N | 0 Y | 10 | 20 | 10 | 15 | |
| 48 | Cold | Y | N | 0 Y | 15 | 30 | 15 | 22.5 | |
| 49 | Cold | Y | Y | 12 Y | 12 | 22 | 10 | 16 | |
| 50 | Cold | Y | N | 0 N | 0 | 10 | 10 | 10 | |
| 51 | Cold | Y | Y | 12 N | 0 | 7 | 7 | 7 | |
| 52 | Cold | Y | N | 0 Y | 12 | 22 | 10 | 16 | |
| 53 | Cold | Y | Y | 12 N | 0 | 10 | 10 | 10 | |
| 54 | Cold | Y | Y | 12 N | 0 | 15 | 15 | 15 | |
| 55 | Cold | Y | N | 0 N | 0 | 25 | 25 | 25 | |
| 56 | Cold | Y | Y | 12 Y | 12 | 22 | 10 | 16 | |
| 57 | Cold | Y | N | 0 N | 0 | 15 | 15 | 15 | |
| 58 | Cold | Y | Y | 12 N | 0 | 15 | 15 | 15 | |
| 59 | Cold | Y | Y | 12 N | 0 | 15 | 15 | 15 | |
| 60 | Cold | Y | Y | 12 N | 0 | 15 | 15 | 15 | |

| | | | | | | | | |
|----|------|---|----|------|----|----|----|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | Cold | Y | N | 0 N | 0 | 7 | 7 | 7 |
| 4 | Cold | Y | Y | 12 N | 0 | 25 | 25 | 25 |
| 5 | None | N | Y | 14 Y | 14 | 18 | 4 | 12.16667 |
| 6 | None | N | Y | 14 Y | 14 | 18 | 4 | 12.16667 |
| 7 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 |
| 8 | None | N | Y | 12 Y | 10 | 15 | 5 | 10 |
| 9 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 |
| 10 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 |
| 11 | Cold | Y | N | 0 N | 0 | 5 | 5 | 5 |
| 12 | None | N | Y | 24 N | 0 | 10 | 10 | 10 |
| 13 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 |
| 14 | None | N | N | 0 N | 0 | 20 | 20 | 20 |
| 15 | None | N | N | 0 N | 0 | 35 | 35 | 35 |
| 16 | Cold | Y | N | 0 N | 0 | 25 | 25 | 25 |
| 17 | Cold | Y | N | 0 N | 0 | 35 | 35 | 35 |
| 18 | None | N | Y | 24 N | 0 | 25 | 25 | 25 |
| 19 | Cold | Y | N | 0 N | 0 | 10 | 10 | 10 |
| 20 | Cold | Y | Y | 24 N | 0 | 35 | 35 | 35 |
| 21 | Cold | Y | Y | 24 N | 0 | 25 | 25 | 25 |
| 22 | None | N | Y | 24 N | 0 | 20 | 20 | 20 |
| 23 | None | N | N | 0 N | 0 | 10 | 10 | 10 |
| 24 | None | N | Y | 24 N | 0 | 5 | 5 | 5 |
| 25 | Cold | Y | Y | 24 N | 0 | 5 | 5 | 5 |
| 26 | None | N | Y | 24 N | 0 | 35 | 35 | 35 |
| 27 | Cold | Y | Y | 24 N | 0 | 10 | 10 | 10 |
| 28 | None | N | N | 0 N | 0 | 25 | 25 | 25 |
| 29 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 |
| 30 | None | N | N | 0 N | 0 | 5 | 5 | 5 |
| 31 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 |
| 32 | None | N | N | 0 N | 0 | 20 | 20 | 20 |
| 33 | None | N | Y | 24 N | 0 | 25 | 25 | 25 |
| 34 | None | N | Y | 24 N | 0 | 35 | 35 | 35 |
| 35 | Cold | Y | Y | 24 N | 0 | 35 | 35 | 35 |
| 36 | None | N | Y | 24 N | 0 | 20 | 20 | 20 |
| 37 | Cold | Y | N | 0 N | 0 | 10 | 10 | 10 |
| 38 | Cold | Y | Y | 24 N | 0 | 10 | 10 | 10 |
| 39 | Cold | Y | N | 0 N | 0 | 35 | 35 | 35 |
| 40 | None | N | N | 0 N | 0 | 10 | 10 | 10 |
| 41 | None | N | N | 0 N | 0 | 35 | 35 | 35 |
| 42 | Cold | Y | Y | 24 N | 0 | 5 | 5 | 5 |
| 43 | None | N | Y | 24 N | 0 | 5 | 5 | 5 |
| 44 | Cold | Y | Y | 24 N | 0 | 25 | 25 | 25 |
| 45 | Cold | Y | N | 0 N | 0 | 5 | 5 | 5 |
| 46 | None | N | N | 0 N | 0 | 25 | 25 | 25 |
| 47 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 |
| 48 | None | N | Y | 24 N | 0 | 10 | 10 | 10 |
| 49 | Cold | Y | N | 0 N | 0 | 25 | 25 | 25 |
| 50 | None | N | N | 0 N | 0 | 5 | 5 | 5 |
| 51 | None | N | Y | 24 N | 0 | 22 | 22 | 22 |
| 52 | None | N | NA | NA | 0 | 5 | 5 | 5 |
| 53 | None | N | NA | NA | 0 | 5 | 5 | 5 |
| 54 | Cold | Y | NA | NA | 10 | 25 | 15 | 20 |
| 55 | Cold | Y | NA | NA | 10 | 25 | 15 | 20 |
| 56 | None | N | NA | NA | 0 | 5 | 5 | 5 |
| 57 | None | N | Y | 17 N | 0 | 20 | 20 | 20 |
| 58 | None | N | N | 0 N | 0 | 10 | 10 | 10 |

| | | | | | | | | |
|----|------|---|---|------|----|------|------|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | None | N | Y | 17 N | 0 | 20 | 20 | 20 |
| 4 | None | N | Y | 17 N | 0 | 20 | 20 | 20 |
| 5 | None | N | Y | 17 N | 0 | 20 | 20 | 20 |
| 6 | None | N | Y | 18 Y | 23 | 29 | 6 | 23.25 |
| 7 | None | N | Y | 17 Y | 19 | 23 | 4 | 17.45833 |
| 8 | None | N | Y | 17 Y | 19 | 23 | 4 | 17.45833 |
| 9 | None | N | Y | 16 Y | 17 | 18 | 1 | 12.33333 |
| 10 | None | N | Y | 18 Y | 23 | 29 | 6 | 23.25 |
| 11 | None | N | Y | 16 Y | 17 | 18 | 1 | 12.33333 |
| 12 | None | N | Y | 16 Y | 17 | 18 | 1 | 12.33333 |
| 13 | None | N | Y | 17 Y | 19 | 23 | 4 | 17.45833 |
| 14 | None | N | Y | 18 Y | 23 | 29 | 6 | 23.25 |
| 15 | None | N | Y | 18 Y | 23 | 29 | 6 | 23.25 |
| 16 | None | N | Y | 17 Y | 19 | 23 | 4 | 17.45833 |
| 17 | None | N | Y | 16 Y | 17 | 18 | 1 | 12.33333 |
| 18 | None | N | Y | 16 Y | 17 | 18 | 1 | 12.33333 |
| 19 | None | N | Y | 16 Y | 17 | 18 | 1 | 12.33333 |
| 20 | None | N | Y | 18 Y | 23 | 29 | 6 | 23.25 |
| 21 | None | N | Y | 17 Y | 19 | 23 | 4 | 17.45833 |
| 22 | None | N | Y | 17 Y | 19 | 23 | 4 | 17.45833 |
| 23 | None | N | Y | 18 Y | 23 | 29 | 6 | 23.25 |
| 24 | Warm | Y | Y | 16 Y | 5 | 20 | 15 | 18.33333 |
| 25 | None | N | Y | 17 Y | 19 | 23 | 4 | 17.45833 |
| 26 | None | N | Y | 16 Y | 17 | 18 | 1 | 12.33333 |
| 27 | None | N | Y | 16 Y | 17 | 18 | 1 | 12.33333 |
| 28 | None | N | Y | 18 Y | 23 | 29 | 6 | 23.25 |
| 29 | None | N | Y | 17 Y | 19 | 23 | 4 | 17.45833 |
| 30 | None | N | Y | 16 Y | 5 | 20 | 15 | 18.33333 |
| 31 | None | N | Y | 18 Y | 23 | 29 | 6 | 23.25 |
| 32 | None | N | Y | 11 Y | 6 | 24 | 18 | 20.75 |
| 33 | None | N | N | 0 N | 0 | 25 | 25 | 25 |
| 34 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 35 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 36 | None | N | Y | 12 N | 0 | 18 | 18 | 18 |
| 37 | None | N | Y | 12 Y | 10 | 12.5 | 2.5 | 7.5 |
| 38 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 |
| 39 | None | N | Y | 12 Y | 10 | 27.5 | 17.5 | 22.5 |
| 40 | None | N | Y | 12 N | 0 | 21 | 21 | 21 |
| 41 | None | N | Y | 12 N | 0 | 24 | 24 | 24 |
| 42 | None | N | Y | 12 N | 0 | 12 | 12 | 12 |
| 43 | None | N | Y | 12 Y | 10 | 17.5 | 7.5 | 12.5 |
| 44 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 |
| 45 | None | N | Y | 12 N | 0 | 27 | 27 | 27 |
| 46 | None | N | Y | 12 Y | 10 | 15 | 5 | 10 |
| 47 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 |
| 48 | None | N | Y | 12 Y | 10 | 22.5 | 12.5 | 17.5 |
| 49 | None | N | Y | 12 N | 0 | 9 | 9 | 9 |
| 50 | None | N | Y | 12 N | 0 | 6 | 6 | 6 |
| 51 | None | N | Y | 12 N | 0 | 15 | 15 | 15 |
| 52 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 53 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 54 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 55 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 56 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 57 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 58 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 59 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 60 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |

| | | | | | | | | |
|----|------|---|----|-------|----|------|------|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 4 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 5 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 6 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 |
| 7 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 |
| 8 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 |
| 9 | None | N | Y | 12 Y | 10 | 15 | 5 | 10 |
| 10 | None | N | Y | 12 Y | 10 | 15 | 5 | 10 |
| 11 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 |
| 12 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 |
| 13 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 |
| 14 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 |
| 15 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 |
| 16 | None | N | Y | 12 Y | 10 | 15 | 5 | 10 |
| 17 | None | N | Y | 12 Y | 10 | 25 | 15 | 20 |
| 18 | None | N | N | 0 N | 0 | 25 | 25 | 25 |
| 19 | None | N | Y | 24 N | 0 | 25 | 25 | 25 |
| 20 | None | N | Y | 16 N | 0 | 20 | 20 | 20 |
| 21 | None | N | Y | 16 N | 0 | 10 | 10 | 10 |
| 22 | None | N | Y | 16 N | 0 | 15 | 15 | 15 |
| 23 | None | N | Y | 16 N | 0 | 5 | 5 | 5 |
| 24 | None | N | Y | 16 N | 0 | 25 | 25 | 25 |
| 25 | Cold | Y | NA | NA | 0 | 15 | 15 | 15 |
| 26 | None | N | N | 0 N | 0 | 20 | 20 | 20 |
| 27 | None | N | Y | 0.1 N | 0 | 25 | 25 | 25 |
| 28 | None | N | Y | 0.1 N | 0 | 5 | 5 | 5 |
| 29 | None | N | N | 0 N | 0 | 30 | 30 | 30 |
| 30 | None | N | Y | 0.1 N | 0 | 20 | 20 | 20 |
| 31 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 32 | None | N | Y | 0.1 N | 0 | 15 | 15 | 15 |
| 33 | None | N | N | 0 N | 0 | 10 | 10 | 10 |
| 34 | None | N | Y | 0.1 N | 0 | 10 | 10 | 10 |
| 35 | None | N | N | 0 N | 0 | 25 | 25 | 25 |
| 36 | None | N | N | 0 N | 0 | 5 | 5 | 5 |
| 37 | None | N | Y | 0.1 N | 0 | 30 | 30 | 30 |
| 38 | Cold | Y | Y | 15 N | 0 | 20 | 20 | 20 |
| 39 | Cold | Y | Y | 15 N | 0 | 20 | 20 | 20 |
| 40 | None | N | Y | 12 Y | 9 | 15 | 6 | 10.5 |
| 41 | None | N | Y | 12 N | 0 | 5 | 5 | 5 |
| 42 | None | N | Y | 12 Y | 10 | 20 | 10 | 15 |
| 43 | None | N | Y | 12 Y | 4 | 5 | 1 | 3 |
| 44 | Cold | Y | Y | 12 N | 0 | 7.8 | 7.8 | 7.8 |
| 45 | Cold | Y | Y | 12 N | 0 | 30 | 30 | 30 |
| 46 | Cold | Y | Y | 12 N | 0 | 5 | 5 | 5 |
| 47 | Cold | Y | Y | 12 N | 0 | 21.7 | 21.7 | 21.7 |
| 48 | Cold | Y | Y | 12 N | 0 | 27.2 | 27.2 | 27.2 |
| 49 | Cold | Y | Y | 12 N | 0 | 18.9 | 18.9 | 18.9 |
| 50 | Cold | Y | Y | 12 N | 0 | 16.1 | 16.1 | 16.1 |
| 51 | Cold | Y | Y | 12 N | 0 | 24.4 | 24.4 | 24.4 |
| 52 | Cold | Y | Y | 12 N | 0 | 13.3 | 13.3 | 13.3 |
| 53 | Cold | Y | Y | 12 N | 0 | 10.6 | 10.6 | 10.6 |
| 54 | None | N | N | 0 Y | 10 | 20 | 10 | 15 |
| 55 | None | N | Y | 8 Y | 10 | 20 | 10 | 13.33333 |
| 56 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 57 | None | N | N | 0 Y | 20 | 30 | 10 | 20 |
| 58 | None | N | N | 0 Y | 10 | 10 | 0 | 5 |

| | | | | | | | | | |
|----|------|---|----|----|------|----|------|------|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | | 8 Y | 10 | 10 | 0 | 3.333333 |
| 4 | None | N | Y | | 8 Y | 20 | 30 | 10 | 16.66667 |
| 5 | None | N | N | | 0 Y | 10 | 30 | 20 | 25 |
| 6 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 7 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 8 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 9 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 10 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 11 | None | N | Y | | 24 N | 0 | 20 | 20 | 20 |
| 12 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 13 | Cold | Y | Y | | 16 N | 0 | 28 | 28 | 28 |
| 14 | None | N | Y | | 12 N | 0 | 20 | 20 | 20 |
| 15 | Cold | Y | Y | | 12 Y | 5 | 15 | 10 | 12.5 |
| 16 | Cold | Y | Y | | 12 Y | 5 | 35 | 30 | 32.5 |
| 17 | Cold | Y | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 18 | Cold | Y | Y | | 12 Y | 5 | 20 | 15 | 17.5 |
| 19 | None | N | Y | | 12 N | 0 | 20 | 20 | 20 |
| 20 | Cold | Y | Y | | 12 Y | 10 | 15 | 5 | 10 |
| 21 | Cold | Y | Y | | 12 Y | 10 | 25 | 15 | 20 |
| 22 | None | N | Y | | 12 N | 0 | 20 | 20 | 20 |
| 23 | None | N | Y | | 16 N | 0 | 22.5 | 22.5 | 22.5 |
| 24 | None | N | Y | | 16 N | 0 | 12.5 | 12.5 | 12.5 |
| 25 | None | N | Y | | 16 N | 0 | 25 | 25 | 25 |
| 26 | None | N | Y | | 16 N | 0 | 11 | 11 | 11 |
| 27 | Cold | Y | Y | | 16 N | 0 | 25 | 25 | 25 |
| 28 | None | N | Y | | 16 N | 0 | 10 | 10 | 10 |
| 29 | None | N | Y | | 16 N | 0 | 20 | 20 | 20 |
| 30 | None | N | Y | | 16 N | 0 | 17.5 | 17.5 | 17.5 |
| 31 | Cold | Y | Y | | 16 N | 0 | 20 | 20 | 20 |
| 32 | Cold | Y | Y | | 16 N | 0 | 12.5 | 12.5 | 12.5 |
| 33 | Cold | Y | Y | | 16 N | 0 | 10 | 10 | 10 |
| 34 | Cold | Y | Y | | 16 N | 0 | 15 | 15 | 15 |
| 35 | None | N | Y | | 16 N | 0 | 15 | 15 | 15 |
| 36 | None | N | Y | | 16 N | 0 | 12.5 | 12.5 | 12.5 |
| 37 | None | N | Y | | 16 N | 0 | 25 | 25 | 25 |
| 38 | Cold | Y | Y | | 16 N | 0 | 12.5 | 12.5 | 12.5 |
| 39 | None | N | Y | | 16 N | 0 | 15 | 15 | 15 |
| 40 | None | N | Y | | 16 N | 0 | 20 | 20 | 20 |
| 41 | None | N | Y | | 16 N | 0 | 17.5 | 17.5 | 17.5 |
| 42 | None | N | Y | | 16 N | 0 | 10 | 10 | 10 |
| 43 | Cold | Y | Y | | 16 N | 0 | 10 | 10 | 10 |
| 44 | None | N | Y | | 16 N | 0 | 22.5 | 22.5 | 22.5 |
| 45 | Cold | Y | Y | | 16 N | 0 | 20 | 20 | 20 |
| 46 | Cold | Y | Y | | 16 N | 0 | 15 | 15 | 15 |
| 47 | None | N | Y | | 16 N | 0 | 11 | 11 | 11 |
| 48 | Cold | Y | Y | | 16 N | 0 | 25 | 25 | 25 |
| 49 | None | N | Y | | 16 N | 0 | 17.5 | 17.5 | 17.5 |
| 50 | None | N | Y | | 16 N | 0 | 11 | 11 | 11 |
| 51 | Cold | Y | Y | | 16 N | 0 | 20 | 20 | 20 |
| 52 | None | N | Y | | 16 N | 0 | 10 | 10 | 10 |
| 53 | Cold | Y | Y | | 16 N | 0 | 12.5 | 12.5 | 12.5 |
| 54 | None | N | Y | | 16 N | 0 | 20 | 20 | 20 |
| 55 | Cold | Y | Y | | 16 N | 0 | 15 | 15 | 15 |
| 56 | Cold | Y | Y | | 16 N | 0 | 25 | 25 | 25 |
| 57 | None | N | Y | | 16 N | 0 | 12.5 | 12.5 | 12.5 |
| 58 | None | N | Y | | 16 N | 0 | 25 | 25 | 25 |
| 59 | None | N | Y | | 16 N | 0 | 25 | 25 | 25 |
| 60 | None | N | Y | | 16 N | 0 | 25 | 25 | 25 |

| | | | | | | | | | |
|----|------|---|----|------|----|------|------|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Cold | Y | Y | 16 N | 0 | 10 | 10 | 10 | |
| 4 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 5 | None | N | Y | 16 N | 0 | 22.5 | 22.5 | 22.5 | |
| 6 | None | N | N | 0 N | 0 | 35 | 35 | 35 | |
| 7 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 8 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 9 | None | N | N | 0 N | 0 | 35 | 35 | 35 | |
| 10 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 11 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 12 | None | N | N | 0 N | 0 | 35 | 35 | 35 | |
| 13 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 14 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 15 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 16 | None | N | N | 0 N | 0 | 35 | 35 | 35 | |
| 17 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 18 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 19 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 20 | None | N | N | 0 N | 0 | 35 | 35 | 35 | |
| 21 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 22 | None | N | N | 0 N | 0 | 35 | 35 | 35 | |
| 23 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 24 | None | N | Y | 18 N | 0 | 26 | 26 | 26 | |
| 25 | None | N | Y | 18 N | 0 | 23 | 23 | 23 | |
| 26 | None | N | Y | 18 N | 0 | 30 | 30 | 30 | |
| 27 | None | N | Y | 12 N | 0 | 20 | 20 | 20 | |
| 28 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 29 | Cold | Y | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 30 | None | N | Y | 12 N | 0 | 20 | 20 | 20 | |
| 31 | Cold | Y | Y | 12 Y | 10 | 15 | 5 | 10 | |
| 32 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 33 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 34 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 35 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 36 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 37 | None | N | NA | NA | 0 | 20 | 20 | 20 | |
| 38 | Cold | Y | N | 0 N | 0 | 26 | 26 | 26 | |
| 39 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 40 | None | N | N | 0 N | 0 | 26 | 26 | 26 | |
| 41 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 42 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 43 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 44 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 45 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 46 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 47 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 48 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 49 | Cold | Y | Y | 12 Y | 10 | 15 | 5 | 10 | |
| 50 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 | |
| 51 | Cold | Y | Y | 12 Y | 10 | 25 | 15 | 20 | |
| 52 | None | N | Y | 12 N | 0 | 20 | 20 | 20 | |
| 53 | None | N | Y | 12 N | 0 | 20 | 20 | 20 | |
| 54 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 55 | Cold | Y | Y | 8 Y | 15 | 25 | 10 | 15 | |
| 56 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 57 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 58 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 59 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 | |
| 60 | None | N | Y | 12 Y | 10 | 30 | 20 | 25 | |

| | | | | | | | | | |
|----|------|---|----|------|----|----|----|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Cold | Y | N | 0 Y | 10 | 22 | 12 | 17 | |
| 4 | Cold | Y | Y | 24 Y | 10 | 30 | 20 | 25 | |
| 5 | None | N | N | 0 Y | 10 | 30 | 20 | 25 | |
| 6 | None | N | Y | 24 Y | 10 | 15 | 5 | 10 | |
| 7 | None | N | Y | 24 Y | 10 | 30 | 20 | 25 | |
| 8 | Cold | Y | Y | 12 Y | 10 | 15 | 5 | 10 | |
| 9 | Cold | Y | Y | 24 Y | 10 | 22 | 12 | 17 | |
| 10 | Cold | Y | Y | 12 Y | 10 | 22 | 12 | 17 | |
| 11 | Cold | Y | Y | 24 Y | 10 | 15 | 5 | 10 | |
| 12 | None | N | N | 0 Y | 10 | 15 | 5 | 10 | |
| 13 | None | N | Y | 12 Y | 10 | 22 | 12 | 17 | |
| 14 | None | N | Y | 24 Y | 10 | 22 | 12 | 17 | |
| 15 | Cold | Y | N | 0 Y | 10 | 15 | 5 | 10 | |
| 16 | None | N | N | 0 Y | 10 | 22 | 12 | 17 | |
| 17 | Cold | Y | N | 0 Y | 10 | 30 | 20 | 25 | |
| 18 | None | N | Y | 8 N | 0 | 15 | 15 | 15 | |
| 19 | None | N | Y | 8 N | 0 | 35 | 35 | 35 | |
| 20 | None | N | Y | 8 N | 0 | 25 | 25 | 25 | |
| 21 | None | N | Y | 8 N | 0 | 10 | 10 | 10 | |
| 22 | None | N | Y | 8 N | 0 | 20 | 20 | 20 | |
| 23 | None | N | N | 0 N | 0 | 5 | 5 | 5 | |
| 24 | None | N | Y | 8 Y | 6 | 14 | 8 | 10 | |
| 25 | None | N | N | 0 Y | 6 | 14 | 8 | 11 | |
| 26 | None | N | N | 0 N | 0 | 35 | 35 | 35 | |
| 27 | None | N | N | 0 N | 0 | 10 | 10 | 10 | |
| 28 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 29 | None | N | Y | 8 N | 0 | 30 | 30 | 30 | |
| 30 | None | N | N | 0 N | 0 | 8 | 8 | 8 | |
| 31 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 32 | None | N | N | 0 N | 0 | 30 | 30 | 30 | |
| 33 | None | N | Y | 8 N | 0 | 8 | 8 | 8 | |
| 34 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 35 | None | N | Y | 8 N | 0 | 5 | 5 | 5 | |
| 36 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 37 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 | |
| 38 | Cold | Y | Y | 24 N | 0 | 25 | 25 | 25 | |
| 39 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 | |
| 40 | Cold | Y | Y | 24 N | 0 | 10 | 10 | 10 | |
| 41 | Cold | Y | Y | 24 N | 0 | 15 | 15 | 15 | |
| 42 | Cold | Y | Y | 24 N | 0 | 10 | 10 | 10 | |
| 43 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 | |
| 44 | Cold | Y | Y | 24 N | 0 | 15 | 15 | 15 | |
| 45 | Cold | Y | Y | 24 N | 0 | 25 | 25 | 25 | |
| 46 | Cold | Y | NA | NA | 0 | 20 | 20 | 20 | |
| 47 | Cold | Y | NA | NA | 0 | 20 | 20 | 20 | |
| 48 | None | N | Y | 12 N | 0 | 15 | 15 | 15 | |
| 49 | None | N | N | 0 N | 0 | 1 | 1 | 1 | |
| 50 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 51 | Cold | Y | N | 0 N | 0 | 15 | 15 | 15 | |
| 52 | None | N | Y | 12 N | 0 | 1 | 1 | 1 | |
| 53 | Cold | Y | Y | 12 N | 0 | 15 | 15 | 15 | |
| 54 | None | N | Y | 16 N | 0 | 15 | 15 | 15 | |
| 55 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 56 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 57 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 58 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 59 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |

| | | | | | | | | | |
|----|------|---|----|-------|----|------|------|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 4 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 5 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 6 | None | N | Y | 24 N | 0 | 25 | 25 | 25 | |
| 7 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 8 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 9 | None | N | N | 0 N | 0 | 23 | 23 | 23 | |
| 10 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 11 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 12 | None | N | N | 0 N | 0 | 14 | 14 | 14 | |
| 13 | None | N | N | 0 N | 0 | 10 | 10 | 10 | |
| 14 | None | N | N | 0 N | 0 | 11 | 11 | 11 | |
| 15 | None | N | N | 0 N | 0 | 26 | 26 | 26 | |
| 16 | None | N | N | 0 N | 0 | 17 | 17 | 17 | |
| 17 | Cold | Y | N | 0 N | 0 | 15 | 15 | 15 | |
| 18 | Cold | Y | N | 0 N | 0 | 30 | 30 | 30 | |
| 19 | Cold | Y | N | 0 N | 0 | 30 | 30 | 30 | |
| 20 | Cold | Y | N | 0 N | 0 | 15 | 15 | 15 | |
| 21 | None | N | Y | 24 N | 0 | 25 | 25 | 25 | |
| 22 | None | N | Y | 24 N | 0 | 25 | 25 | 25 | |
| 23 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 24 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 25 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 26 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 27 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 28 | None | N | Y | 24 N | 0 | 25 | 25 | 25 | |
| 29 | None | N | Y | 24 N | 0 | 30 | 30 | 30 | |
| 30 | None | N | Y | 24 N | 0 | 30 | 30 | 30 | |
| 31 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 32 | None | N | Y | 24 N | 0 | 10 | 10 | 10 | |
| 33 | None | N | Y | 24 N | 0 | 15 | 15 | 15 | |
| 34 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 35 | None | N | Y | 8 N | 0 | 20 | 20 | 20 | |
| 36 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 37 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 38 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 39 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 40 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 41 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 42 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 43 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 44 | None | N | Y | 8 N | 0 | 25 | 25 | 25 | |
| 45 | None | N | N | 0 N | 0 | 4 | 4 | 4 | |
| 46 | None | N | Y | 8 Y | 21 | 25 | 4 | 11 | |
| 47 | None | N | N | 0 Y | 21 | 25 | 4 | 14.5 | |
| 48 | None | N | Y | 0.1 N | 0 | 4 | 4 | 4 | |
| 49 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 50 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 51 | None | N | Y | 0.1 N | 0 | 20 | 20 | 20 | |
| 52 | None | N | Y | 12 Y | 4 | 21.5 | 17.5 | 19.5 | |
| 53 | None | N | Y | 12 Y | 4 | 21.5 | 17.5 | 19.5 | |
| 54 | None | N | Y | 12 Y | 4 | 21.5 | 17.5 | 19.5 | |
| 55 | None | N | Y | 12 Y | 4 | 21.5 | 17.5 | 19.5 | |
| 56 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 | |
| 57 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 58 | None | N | NA | NA | 0 | 16 | 16 | 16 | |
| 59 | None | N | NA | NA | 0 | 38 | 38 | 38 | |
| 60 | None | N | NA | NA | 0 | 38 | 38 | 38 | |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | NA | NA | N | 0 | 22 | 22 | 22 |
| 4 | None | N | NA | NA | N | 0 | 26 | 26 | 26 |
| 5 | None | N | NA | NA | N | 0 | 12 | 12 | 12 |
| 6 | None | N | NA | NA | N | 0 | 24 | 24 | 24 |
| 7 | None | N | NA | NA | N | 0 | 30 | 30 | 30 |
| 8 | None | N | NA | NA | N | 0 | 14 | 14 | 14 |
| 9 | None | N | NA | NA | N | 0 | 28 | 28 | 28 |
| 10 | None | N | NA | NA | N | 0 | 34 | 34 | 34 |
| 11 | None | N | NA | NA | N | 0 | 36 | 36 | 36 |
| 12 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 13 | None | N | NA | NA | N | 0 | 8 | 8 | 8 |
| 14 | None | N | NA | NA | N | 0 | 32 | 32 | 32 |
| 15 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 16 | None | N | NA | NA | N | 0 | 18 | 18 | 18 |
| 17 | None | N | NA | NA | N | 0 | 6 | 6 | 6 |
| 18 | Cold | Y | Y | | 8 Y | 5 | 15 | 10 | 11.66667 |
| 19 | Cold | Y | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 20 | Cold | Y | Y | | 8 Y | 5 | 15 | 10 | 11.66667 |
| 21 | Cold | Y | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 22 | Cold | Y | Y | | 8 Y | 5 | 15 | 10 | 11.66667 |
| 23 | Cold | Y | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 24 | Cold | Y | Y | | 8 Y | 5 | 15 | 10 | 11.66667 |
| 25 | Cold | Y | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 26 | Cold | Y | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 27 | Cold | Y | Y | | 8 Y | 5 | 15 | 10 | 11.66667 |
| 28 | Cold | Y | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 29 | None | N | N | | 0 Y | 10 | 25 | 15 | 20 |
| 30 | None | N | N | | 0 Y | 10 | 30 | 20 | 25 |
| 31 | None | N | N | | 0 Y | 10 | 15 | 5 | 10 |
| 32 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 33 | None | N | Y | | 8 Y | 10 | 25 | 15 | 18.33333 |
| 34 | None | N | Y | | 8 Y | 10 | 20 | 10 | 13.33333 |
| 35 | None | N | N | | 0 Y | 10 | 20 | 10 | 15 |
| 36 | None | N | Y | | 8 Y | 10 | 15 | 5 | 8.333333 |
| 37 | Cold | Y | NA | NA | N | 0 | 25 | 25 | 25 |
| 38 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 39 | None | N | Y | | 24 N | 0 | 18 | 18 | 18 |
| 40 | None | N | N | | 0 N | 0 | 18 | 18 | 18 |
| 41 | None | N | Y | | 24 N | 0 | 14 | 14 | 14 |
| 42 | None | N | Y | | 24 N | 0 | 18 | 18 | 18 |
| 43 | None | N | Y | | 24 N | 0 | 24 | 24 | 24 |
| 44 | None | N | Y | | 24 N | 0 | 30 | 30 | 30 |
| 45 | None | N | Y | | 24 N | 0 | 35 | 35 | 35 |
| 46 | None | N | Y | | 24 N | 0 | 24 | 24 | 24 |
| 47 | None | N | Y | | 24 N | 0 | 18 | 18 | 18 |
| 48 | None | N | Y | | 24 N | 0 | 18 | 18 | 18 |
| 49 | None | N | Y | | 24 N | 0 | 30 | 30 | 30 |
| 50 | None | N | Y | | 24 N | 0 | 35 | 35 | 35 |
| 51 | None | N | N | | 0 N | 0 | 18 | 18 | 18 |
| 52 | None | N | Y | | 24 N | 0 | 14 | 14 | 14 |
| 53 | Warm | Y | Y | | 12 Y | 15 | 30 | 15 | 22.5 |
| 54 | Warm | Y | Y | | 12 N | 0 | 5 | 5 | 5 |
| 55 | Warm | Y | Y | | 12 Y | 10 | 20 | 10 | 15 |
| 56 | Warm | Y | Y | | 12 Y | 10 | 20 | 10 | 15 |
| 57 | None | N | Y | | 12 Y | 10 | 20 | 10 | 15 |
| 58 | Warm | Y | Y | | 12 Y | 9 | 15 | 6 | 10.5 |
| 59 | Warm | Y | Y | | 12 Y | 10 | 25 | 15 | 20 |
| 60 | Warm | Y | Y | | 12 Y | | | | |

| | | | | | | | | | |
|----|------|---|----|------|----|----|----|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Warm | Y | Y | 12 Y | 15 | 35 | 20 | 27.5 | |
| 4 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 5 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 6 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 | |
| 7 | Cold | Y | Y | 24 N | 0 | 18 | 18 | 18 | |
| 8 | None | N | Y | 24 N | 0 | 25 | 25 | 25 | |
| 9 | None | N | Y | 24 N | 0 | 18 | 18 | 18 | |
| 10 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 11 | Cold | Y | Y | 24 N | 0 | 25 | 25 | 25 | |
| 12 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 13 | None | N | Y | 24 N | 0 | 18 | 18 | 18 | |
| 14 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 | |
| 15 | Cold | Y | Y | 24 N | 0 | 18 | 18 | 18 | |
| 16 | Cold | Y | Y | 24 N | 0 | 25 | 25 | 25 | |
| 17 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 18 | None | N | Y | 24 N | 0 | 25 | 25 | 25 | |
| 19 | Cold | Y | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 20 | Warm | Y | NA | NA N | 0 | 4 | 4 | 4 | |
| 21 | None | N | Y | 16 N | 0 | 24 | 24 | 24 | |
| 22 | None | N | Y | 16 N | 0 | 24 | 24 | 24 | |
| 23 | None | N | Y | 16 Y | 14 | 24 | 10 | 19.33333 | |
| 24 | None | N | Y | 16 Y | 14 | 24 | 10 | 19.33333 | |
| 25 | None | N | Y | 16 Y | 22 | 24 | 2 | 16.66667 | |
| 26 | None | N | Y | 16 Y | 14 | 24 | 10 | 19.33333 | |
| 27 | Cold | Y | Y | 16 Y | 22 | 24 | 2 | 16.66667 | |
| 28 | Cold | Y | N | 0 Y | 22 | 24 | 2 | 13 | |
| 29 | Cold | Y | N | 0 Y | 22 | 24 | 2 | 13 | |
| 30 | None | N | Y | 16 N | 0 | 24 | 24 | 24 | |
| 31 | None | N | N | 0 N | 0 | 24 | 24 | 24 | |
| 32 | None | N | N | 0 Y | 22 | 24 | 2 | 13 | |
| 33 | None | N | N | 0 N | 0 | 24 | 24 | 24 | |
| 34 | None | N | Y | 16 Y | 22 | 24 | 2 | 16.66667 | |
| 35 | None | N | N | 0 Y | 22 | 24 | 2 | 13 | |
| 36 | Cold | Y | Y | 16 Y | 22 | 24 | 2 | 16.66667 | |
| 37 | None | N | N | 0 N | 0 | 24 | 24 | 24 | |
| 38 | None | N | N | 0 Y | 22 | 24 | 2 | 13 | |
| 39 | Cold | Y | Y | 16 Y | 22 | 24 | 2 | 16.66667 | |
| 40 | None | N | Y | 16 Y | 22 | 24 | 2 | 16.66667 | |
| 41 | Cold | Y | N | 0 Y | 22 | 24 | 2 | 13 | |
| 42 | None | N | N | 0 N | 0 | 5 | 5 | 5 | |
| 43 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 44 | None | N | N | 0 N | 0 | 10 | 10 | 10 | |
| 45 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 46 | None | N | N | 0 N | 0 | 30 | 30 | 30 | |
| 47 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 48 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 49 | None | N | N | 0 N | 0 | 10 | 10 | 10 | |
| 50 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 51 | None | N | N | 0 N | 0 | 30 | 30 | 30 | |
| 52 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 53 | None | N | N | 0 N | 0 | 5 | 5 | 5 | |
| 54 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 55 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 56 | None | N | N | 0 N | 0 | 10 | 10 | 10 | |
| 57 | None | N | N | 0 N | 0 | 5 | 5 | 5 | |
| 58 | None | N | N | 0 N | 0 | 30 | 30 | 30 | |
| 59 | None | N | N | 0 N | 0 | 30 | 30 | 30 | |
| 60 | None | N | N | 0 N | 0 | 30 | 30 | 30 | |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 4 | Cold | Y | Y | | 12 N | 0 | 23 | 23 | 23 |
| 5 | Cold | Y | N | | 0 N | 0 | 23 | 23 | 23 |
| 6 | None | N | Y | | 12 N | 0 | 23 | 23 | 23 |
| 7 | Cold | Y | N | | 0 N | 0 | 23 | 23 | 23 |
| 8 | Cold | Y | Y | | 12 N | 0 | 23 | 23 | 23 |
| 9 | None | N | Y | | 12 N | 0 | 23 | 23 | 23 |
| 10 | None | N | N | | 0 N | 0 | 5 | 5 | 5 |
| 11 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 12 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 13 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 14 | None | N | N | | 0 N | 0 | 10 | 10 | 10 |
| 15 | None | N | N | | 0 N | 0 | 30 | 30 | 30 |
| 16 | None | N | Y | | 8 Y | 10 | 30 | 20 | 23.33333 |
| 17 | None | N | N | | 0 Y | 10 | 30 | 20 | 25 |
| 18 | None | N | Y | | 16 N | 0 | 16 | 16 | 16 |
| 19 | None | N | NA | NA | N | 0 | 9 | 9 | 9 |
| 20 | None | N | NA | NA | N | 0 | 14 | 14 | 14 |
| 21 | None | N | NA | NA | N | 0 | 26 | 26 | 26 |
| 22 | None | N | NA | NA | N | 0 | 22 | 22 | 22 |
| 23 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 24 | None | N | NA | NA | N | 0 | 24 | 24 | 24 |
| 25 | None | N | NA | NA | N | 0 | 28 | 28 | 28 |
| 26 | None | N | NA | NA | N | 0 | 30 | 30 | 30 |
| 27 | None | N | NA | NA | N | 0 | 12 | 12 | 12 |
| 28 | None | N | NA | NA | N | 0 | 7 | 7 | 7 |
| 29 | None | N | NA | NA | N | 0 | 32 | 32 | 32 |
| 30 | None | N | NA | NA | N | 0 | 16 | 16 | 16 |
| 31 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 32 | None | N | NA | NA | N | 0 | 18 | 18 | 18 |
| 33 | None | N | Y | | 24 N | 0 | 22 | 22 | 22 |
| 34 | None | N | Y | | 24 N | 0 | 20 | 20 | 20 |
| 35 | Cold | Y | Y | | 24 N | 0 | 20 | 20 | 20 |
| 36 | Cold | Y | Y | | 24 N | 0 | 20 | 20 | 20 |
| 37 | None | N | Y | | 24 N | 0 | 20 | 20 | 20 |
| 38 | None | N | Y | | 8 Y | 20 | 30 | 10 | 16.66667 |
| 39 | None | N | NA | NA | Y | 10 | 25 | 15 | 20 |
| 40 | Cold | Y | Y | | 14 Y | 10 | 20 | 10 | 15.83333 |
| 41 | None | N | Y | | 14 Y | 10 | 15 | 5 | 10.83333 |
| 42 | None | N | N | | 0 Y | 10 | 15 | 5 | 10 |
| 43 | None | N | N | | 0 Y | 10 | 30 | 20 | 25 |
| 44 | None | N | Y | | 14 Y | 10 | 20 | 10 | 15.83333 |
| 45 | Cold | Y | N | | 0 Y | 10 | 30 | 20 | 25 |
| 46 | Cold | Y | N | | 0 Y | 10 | 15 | 5 | 10 |
| 47 | Cold | Y | N | | 0 Y | 10 | 20 | 10 | 15 |
| 48 | None | N | N | | 0 Y | 10 | 20 | 10 | 15 |
| 49 | None | N | Y | | 14 Y | 10 | 30 | 20 | 25.83333 |
| 50 | Cold | Y | Y | | 14 Y | 10 | 15 | 5 | 10.83333 |
| 51 | Cold | Y | Y | | 14 Y | 10 | 30 | 20 | 25.83333 |
| 52 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 53 | Cold | Y | Y | | 14 Y | 12 | 22 | 10 | 17 |
| 54 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 55 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 56 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 57 | Warm | Y | NA | NA | Y | 10 | 20 | 10 | 15 |
| 58 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |

| | | | | | | | | | |
|----|------|---|----|----|-------|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Warm | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 4 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 5 | None | N | NA | NA | Y | 10 | 20 | 10 | 15 |
| 6 | Warm | Y | NA | NA | N | 0 | 15 | 15 | 15 |
| 7 | Warm | Y | NA | NA | N | 0 | 10 | 10 | 10 |
| 8 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 9 | None | N | Y | | 0.1 N | 0 | 25 | 25 | 25 |
| 10 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 11 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 12 | None | N | Y | | 0.1 N | 0 | 25 | 25 | 25 |
| 13 | None | N | Y | | 16 Y | 10 | 22 | 12 | 18.66667 |
| 14 | None | N | N | | 0 Y | 10 | 22 | 12 | 17 |
| 15 | None | N | N | | 0 Y | 4 | 22 | 18 | 20 |
| 16 | None | N | Y | | 16 Y | 1 | 22 | 21 | 21.66667 |
| 17 | None | N | Y | | 16 Y | 9 | 22 | 13 | 19 |
| 18 | None | N | N | | 0 Y | 7 | 22 | 15 | 18.5 |
| 19 | None | N | Y | | 16 Y | 9 | 22 | 13 | 19 |
| 20 | None | N | Y | | 16 Y | 5 | 22 | 17 | 20.33333 |
| 21 | None | N | Y | | 16 Y | 5 | 22 | 17 | 20.33333 |
| 22 | None | N | Y | | 16 Y | 1 | 22 | 21 | 21.66667 |
| 23 | None | N | N | | 0 Y | 1 | 22 | 21 | 21.5 |
| 24 | None | N | Y | | 16 N | 0 | 22 | 22 | 22 |
| 25 | None | N | N | | 0 Y | 12 | 22 | 10 | 16 |
| 26 | None | N | Y | | 16 Y | 3 | 22 | 19 | 21 |
| 27 | None | N | N | | 0 Y | 3 | 22 | 19 | 20.5 |
| 28 | None | N | N | | 0 Y | 1 | 22 | 21 | 21.5 |
| 29 | None | N | N | | 0 Y | 5 | 22 | 17 | 19.5 |
| 30 | None | N | Y | | 16 Y | 7 | 22 | 15 | 19.66667 |
| 31 | None | N | N | | 0 Y | 2 | 22 | 20 | 21 |
| 32 | None | N | Y | | 16 Y | 5 | 22 | 17 | 20.33333 |
| 33 | None | N | N | | 0 Y | 8 | 22 | 14 | 18 |
| 34 | None | N | Y | | 16 Y | 3 | 22 | 19 | 21 |
| 35 | None | N | N | | 0 Y | 10 | 22 | 12 | 17 |
| 36 | None | N | N | | 0 Y | 10 | 22 | 12 | 17 |
| 37 | None | N | Y | | 16 Y | 4 | 22 | 18 | 20.66667 |
| 38 | None | N | N | | 0 N | 0 | 22 | 22 | 22 |
| 39 | None | N | Y | | 16 Y | 1 | 22 | 21 | 21.66667 |
| 40 | None | N | Y | | 16 Y | 4 | 22 | 18 | 20.66667 |
| 41 | None | N | Y | | 16 Y | 8 | 22 | 14 | 19.33333 |
| 42 | None | N | Y | | 16 Y | 2 | 22 | 20 | 21.33333 |
| 43 | None | N | N | | 0 Y | 6 | 22 | 16 | 19 |
| 44 | None | N | Y | | 16 N | 0 | 22 | 22 | 22 |
| 45 | None | N | Y | | 16 Y | 10 | 22 | 12 | 18.66667 |
| 46 | None | N | N | | 0 Y | 2 | 22 | 20 | 21 |
| 47 | None | N | Y | | 16 Y | 9 | 22 | 13 | 19 |
| 48 | None | N | N | | 0 Y | 6 | 22 | 16 | 19 |
| 49 | None | N | N | | 0 Y | 3 | 22 | 19 | 20.5 |
| 50 | None | N | Y | | 16 Y | 8 | 22 | 14 | 19.33333 |
| 51 | None | N | N | | 0 Y | 9 | 22 | 13 | 17.5 |
| 52 | None | N | Y | | 16 Y | 6 | 22 | 16 | 20 |
| 53 | None | N | Y | | 16 Y | 4 | 22 | 18 | 20.66667 |
| 54 | None | N | Y | | 16 Y | 2 | 22 | 20 | 21.33333 |
| 55 | None | N | N | | 0 Y | 8 | 22 | 14 | 18 |
| 56 | None | N | N | | 0 Y | 8 | 22 | 14 | 18 |
| 57 | None | N | Y | | 16 N | 0 | 22 | 22 | 22 |
| 58 | None | N | Y | | 16 Y | 5 | 22 | 17 | 20.33333 |
| 59 | None | N | Y | | 16 Y | | | | |
| 60 | None | N | Y | | 16 Y | | | | |

| | | | | | | | | | |
|----|------|---|---|------|----|----|----|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | 16 Y | 9 | 22 | 13 | 19 | |
| 4 | None | N | N | 0 Y | 7 | 22 | 15 | 18.5 | |
| 5 | None | N | Y | 16 Y | 12 | 22 | 10 | 18 | |
| 6 | None | N | Y | 16 Y | 10 | 22 | 12 | 18.66667 | |
| 7 | None | N | Y | 16 Y | 2 | 22 | 20 | 21.33333 | |
| 8 | None | N | Y | 16 Y | 6 | 22 | 16 | 20 | |
| 9 | None | N | N | 0 Y | 6 | 22 | 16 | 19 | |
| 10 | None | N | N | 0 Y | 5 | 22 | 17 | 19.5 | |
| 11 | None | N | Y | 16 Y | 12 | 22 | 10 | 18 | |
| 12 | None | N | N | 0 Y | 1 | 22 | 21 | 21.5 | |
| 13 | None | N | N | 0 Y | 2 | 22 | 20 | 21 | |
| 14 | None | N | N | 0 Y | 2 | 22 | 20 | 21 | |
| 15 | None | N | Y | 16 Y | 10 | 22 | 12 | 18.66667 | |
| 16 | None | N | Y | 16 Y | 1 | 22 | 21 | 21.66667 | |
| 17 | None | N | Y | 16 Y | 6 | 22 | 16 | 20 | |
| 18 | None | N | N | 0 Y | 4 | 22 | 18 | 20 | |
| 19 | None | N | Y | 16 Y | 7 | 22 | 15 | 19.66667 | |
| 20 | None | N | Y | 16 Y | 7 | 22 | 15 | 19.66667 | |
| 21 | None | N | Y | 16 Y | 12 | 22 | 10 | 18 | |
| 22 | None | N | Y | 16 Y | 10 | 22 | 12 | 18.66667 | |
| 23 | None | N | Y | 16 Y | 4 | 22 | 18 | 20.66667 | |
| 24 | None | N | N | 0 Y | 3 | 22 | 19 | 20.5 | |
| 25 | None | N | Y | 16 Y | 9 | 22 | 13 | 19 | |
| 26 | None | N | N | 0 Y | 6 | 22 | 16 | 19 | |
| 27 | None | N | N | 0 Y | 5 | 22 | 17 | 19.5 | |
| 28 | None | N | Y | 16 Y | 7 | 22 | 15 | 19.66667 | |
| 29 | None | N | Y | 16 N | 0 | 22 | 22 | 22 | |
| 30 | None | N | N | 0 Y | 4 | 22 | 18 | 20 | |
| 31 | None | N | Y | 16 Y | 8 | 22 | 14 | 19.33333 | |
| 32 | None | N | N | 0 Y | 1 | 22 | 21 | 21.5 | |
| 33 | None | N | N | 0 Y | 12 | 22 | 10 | 16 | |
| 34 | None | N | N | 0 Y | 10 | 22 | 12 | 17 | |
| 35 | None | N | N | 0 Y | 4 | 22 | 18 | 20 | |
| 36 | None | N | N | 0 Y | 7 | 22 | 15 | 18.5 | |
| 37 | None | N | Y | 16 Y | 6 | 22 | 16 | 20 | |
| 38 | None | N | N | 0 Y | 9 | 22 | 13 | 17.5 | |
| 39 | None | N | Y | 16 Y | 2 | 22 | 20 | 21.33333 | |
| 40 | None | N | N | 0 Y | 8 | 22 | 14 | 18 | |
| 41 | None | N | N | 0 Y | 9 | 22 | 13 | 17.5 | |
| 42 | None | N | Y | 16 N | 0 | 22 | 22 | 22 | |
| 43 | None | N | N | 0 Y | 9 | 22 | 13 | 17.5 | |
| 44 | None | N | N | 0 Y | 2 | 22 | 20 | 21 | |
| 45 | None | N | Y | 16 Y | 3 | 22 | 19 | 21 | |
| 46 | None | N | Y | 16 Y | 6 | 22 | 16 | 20 | |
| 47 | None | N | N | 0 Y | 6 | 22 | 16 | 19 | |
| 48 | None | N | Y | 16 Y | 1 | 22 | 21 | 21.66667 | |
| 49 | None | N | Y | 16 Y | 3 | 22 | 19 | 21 | |
| 50 | None | N | Y | 16 Y | 8 | 22 | 14 | 19.33333 | |
| 51 | None | N | N | 0 Y | 12 | 22 | 10 | 16 | |
| 52 | None | N | N | 0 Y | 5 | 22 | 17 | 19.5 | |
| 53 | None | N | N | 0 Y | 10 | 22 | 12 | 17 | |
| 54 | None | N | N | 0 Y | 7 | 22 | 15 | 18.5 | |
| 55 | None | N | Y | 16 Y | 8 | 22 | 14 | 19.33333 | |
| 56 | None | N | N | 0 Y | 3 | 22 | 19 | 20.5 | |
| 57 | None | N | Y | 16 Y | 3 | 22 | 19 | 21 | |
| 58 | None | N | N | 0 Y | 4 | 22 | 18 | 20 | |
| 59 | None | N | Y | 16 Y | 3 | 22 | 19 | 21 | |
| 60 | None | N | N | 0 Y | 4 | 22 | 18 | 20 | |

| | | | | | | | | | |
|----|------|---|----|----|---|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | 16 | Y | 5 | 22 | 17 | 20.33333 |
| 4 | None | N | N | 0 | Y | 3 | 22 | 19 | 20.5 |
| 5 | None | N | N | 0 | Y | 8 | 22 | 14 | 18 |
| 6 | None | N | N | 0 | Y | 7 | 22 | 15 | 18.5 |
| 7 | None | N | N | 0 | N | 0 | 22 | 22 | 22 |
| 8 | None | N | Y | 16 | Y | 7 | 22 | 15 | 19.66667 |
| 9 | None | N | Y | 16 | Y | 12 | 22 | 10 | 18 |
| 10 | None | N | N | 0 | Y | 1 | 22 | 21 | 21.5 |
| 11 | None | N | Y | 16 | Y | 2 | 22 | 20 | 21.33333 |
| 12 | None | N | Y | 16 | Y | 12 | 22 | 10 | 18 |
| 13 | None | N | Y | 16 | Y | 4 | 22 | 18 | 20.66667 |
| 14 | None | N | N | 0 | Y | 9 | 22 | 13 | 17.5 |
| 15 | None | N | N | 0 | Y | 5 | 22 | 17 | 19.5 |
| 16 | None | N | N | 0 | Y | 12 | 22 | 10 | 16 |
| 17 | None | N | N | 0 | Y | 12 | 22 | 10 | 16 |
| 18 | None | N | N | 0 | N | 0 | 22 | 22 | 22 |
| 19 | None | N | N | 0 | N | 0 | 22 | 22 | 22 |
| 20 | None | N | N | 0 | N | 0 | 22 | 22 | 22 |
| 21 | None | N | N | 0 | N | 0 | 22 | 22 | 22 |
| 22 | Cold | Y | N | 0 | Y | 7 | 22 | 15 | 18.5 |
| 23 | Cold | Y | N | 0 | Y | 7 | 22 | 15 | 18.5 |
| 24 | Cold | Y | N | 0 | Y | 7 | 22 | 15 | 18.5 |
| 25 | Cold | Y | N | 0 | Y | 7 | 22 | 15 | 18.5 |
| 26 | None | N | Y | 8 | Y | 5 | 21 | 16 | 17.66667 |
| 27 | None | N | Y | 8 | Y | 5 | 24 | 19 | 20.66667 |
| 28 | None | N | Y | 8 | Y | 5 | 33 | 28 | 29.66667 |
| 29 | None | N | Y | 8 | Y | 5 | 15 | 10 | 11.66667 |
| 30 | None | N | Y | 8 | Y | 5 | 18 | 13 | 14.66667 |
| 31 | None | N | Y | 8 | Y | 5 | 27 | 22 | 23.66667 |
| 32 | None | N | Y | 8 | Y | 5 | 36 | 31 | 32.66667 |
| 33 | None | N | Y | 8 | Y | 5 | 30 | 25 | 26.66667 |
| 34 | Cold | Y | Y | 14 | N | 0 | 15 | 15 | 15 |
| 35 | None | N | N | 0 | Y | 5 | 20 | 15 | 17.5 |
| 36 | None | N | Y | 14 | Y | 5 | 20 | 15 | 17.91667 |
| 37 | None | N | Y | 14 | Y | 17 | 25 | 8 | 17.91667 |
| 38 | Cold | Y | Y | 14 | Y | 12 | 22 | 10 | 17 |
| 39 | None | N | Y | 12 | Y | 10 | 20 | 10 | 15 |
| 40 | Cold | Y | NA | NA | N | 0 | 21 | 21 | 21 |
| 41 | Cold | Y | Y | 24 | N | 0 | 17 | 17 | 17 |
| 42 | Cold | Y | N | 0 | N | 0 | 29 | 29 | 29 |
| 43 | Cold | Y | Y | 24 | N | 0 | 20 | 20 | 20 |
| 44 | Cold | Y | N | 0 | N | 0 | 20 | 20 | 20 |
| 45 | None | N | Y | 24 | N | 0 | 20 | 20 | 20 |
| 46 | Cold | Y | N | 0 | N | 0 | 11 | 11 | 11 |
| 47 | None | N | N | 0 | N | 0 | 29 | 29 | 29 |
| 48 | Cold | Y | Y | 24 | N | 0 | 11 | 11 | 11 |
| 49 | None | N | Y | 24 | N | 0 | 14 | 14 | 14 |
| 50 | Cold | Y | Y | 24 | N | 0 | 23 | 23 | 23 |
| 51 | Cold | Y | Y | 24 | N | 0 | 29 | 29 | 29 |
| 52 | Cold | Y | N | 0 | N | 0 | 14 | 14 | 14 |
| 53 | None | N | N | 0 | N | 0 | 26 | 26 | 26 |
| 54 | Cold | Y | Y | 24 | N | 0 | 14 | 14 | 14 |
| 55 | None | N | N | 0 | N | 0 | 17 | 17 | 17 |
| 56 | None | N | N | 0 | N | 0 | 23 | 23 | 23 |
| 57 | None | N | Y | 24 | N | 0 | 17 | 17 | 17 |
| 58 | None | N | Y | 24 | N | 0 | 26 | 26 | 26 |
| 59 | None | N | N | 0 | N | 0 | 14 | 14 | 14 |
| 60 | None | N | N | 0 | N | 0 | 14 | 14 | 14 |

| | | | | | | | | | |
|----|------|---|---|------|---|----|----|----|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Cold | Y | N | 0 N | 0 | 26 | 26 | 26 | |
| 4 | None | N | Y | 24 N | 0 | 29 | 29 | 29 | |
| 5 | Cold | Y | N | 0 N | 0 | 23 | 23 | 23 | |
| 6 | Cold | Y | Y | 24 N | 0 | 26 | 26 | 26 | |
| 7 | Cold | Y | N | 0 N | 0 | 17 | 17 | 17 | |
| 8 | None | N | Y | 24 N | 0 | 11 | 11 | 11 | |
| 9 | None | N | N | 0 N | 0 | 29 | 29 | 29 | |
| 10 | Cold | Y | Y | 24 N | 0 | 29 | 29 | 29 | |
| 11 | Cold | Y | N | 0 N | 0 | 17 | 17 | 17 | |
| 12 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 13 | Cold | Y | N | 0 N | 0 | 17 | 17 | 17 | |
| 14 | None | N | N | 0 N | 0 | 14 | 14 | 14 | |
| 15 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 | |
| 16 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 17 | None | N | Y | 24 N | 0 | 26 | 26 | 26 | |
| 18 | Cold | Y | N | 0 N | 0 | 11 | 11 | 11 | |
| 19 | None | N | Y | 24 N | 0 | 26 | 26 | 26 | |
| 20 | None | N | Y | 24 N | 0 | 23 | 23 | 23 | |
| 21 | None | N | N | 0 N | 0 | 29 | 29 | 29 | |
| 22 | Cold | Y | Y | 24 N | 0 | 26 | 26 | 26 | |
| 23 | Cold | Y | Y | 24 N | 0 | 26 | 26 | 26 | |
| 24 | None | N | N | 0 N | 0 | 11 | 11 | 11 | |
| 25 | Cold | Y | N | 0 N | 0 | 23 | 23 | 23 | |
| 26 | None | N | N | 0 N | 0 | 26 | 26 | 26 | |
| 27 | Cold | Y | Y | 24 N | 0 | 23 | 23 | 23 | |
| 28 | None | N | Y | 24 N | 0 | 17 | 17 | 17 | |
| 29 | Cold | Y | Y | 24 N | 0 | 17 | 17 | 17 | |
| 30 | None | N | Y | 24 N | 0 | 17 | 17 | 17 | |
| 31 | Cold | Y | Y | 24 N | 0 | 14 | 14 | 14 | |
| 32 | Cold | Y | N | 0 N | 0 | 26 | 26 | 26 | |
| 33 | None | N | N | 0 N | 0 | 29 | 29 | 29 | |
| 34 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 | |
| 35 | None | N | Y | 24 N | 0 | 14 | 14 | 14 | |
| 36 | Cold | Y | Y | 24 N | 0 | 20 | 20 | 20 | |
| 37 | None | N | Y | 24 N | 0 | 14 | 14 | 14 | |
| 38 | None | N | Y | 24 N | 0 | 23 | 23 | 23 | |
| 39 | Cold | Y | Y | 24 N | 0 | 11 | 11 | 11 | |
| 40 | Cold | Y | N | 0 N | 0 | 17 | 17 | 17 | |
| 41 | Cold | Y | Y | 24 N | 0 | 29 | 29 | 29 | |
| 42 | None | N | N | 0 N | 0 | 17 | 17 | 17 | |
| 43 | Cold | Y | Y | 24 N | 0 | 29 | 29 | 29 | |
| 44 | Cold | Y | Y | 24 N | 0 | 11 | 11 | 11 | |
| 45 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 46 | Cold | Y | Y | 24 N | 0 | 14 | 14 | 14 | |
| 47 | Cold | Y | N | 0 N | 0 | 29 | 29 | 29 | |
| 48 | Cold | Y | N | 0 N | 0 | 14 | 14 | 14 | |
| 49 | Cold | Y | N | 0 N | 0 | 23 | 23 | 23 | |
| 50 | Cold | Y | Y | 24 N | 0 | 14 | 14 | 14 | |
| 51 | Cold | Y | N | 0 N | 0 | 29 | 29 | 29 | |
| 52 | Cold | Y | N | 0 N | 0 | 11 | 11 | 11 | |
| 53 | None | N | N | 0 N | 0 | 14 | 14 | 14 | |
| 54 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 55 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 56 | None | N | Y | 24 N | 0 | 11 | 11 | 11 | |
| 57 | None | N | N | 0 N | 0 | 17 | 17 | 17 | |
| 58 | Cold | Y | Y | 24 N | 0 | 26 | 26 | 26 | |

| | | | | | | | | | |
|----|------|---|---|------|----|------|------|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | 24 N | 0 | 26 | 26 | 26 | |
| 4 | None | N | N | 0 N | 0 | 14 | 14 | 14 | |
| 5 | None | N | N | 0 N | 0 | 23 | 23 | 23 | |
| 6 | Cold | Y | N | 0 N | 0 | 26 | 26 | 26 | |
| 7 | None | N | N | 0 N | 0 | 23 | 23 | 23 | |
| 8 | Cold | Y | Y | 24 N | 0 | 23 | 23 | 23 | |
| 9 | Cold | Y | N | 0 N | 0 | 26 | 26 | 26 | |
| 10 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 11 | None | N | Y | 24 N | 0 | 17 | 17 | 17 | |
| 12 | Cold | Y | N | 0 N | 0 | 23 | 23 | 23 | |
| 13 | Cold | Y | N | 0 N | 0 | 14 | 14 | 14 | |
| 14 | Cold | Y | Y | 24 N | 0 | 17 | 17 | 17 | |
| 15 | Cold | Y | N | 0 N | 0 | 11 | 11 | 11 | |
| 16 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 17 | None | N | Y | 24 N | 0 | 14 | 14 | 14 | |
| 18 | None | N | N | 0 N | 0 | 11 | 11 | 11 | |
| 19 | Cold | Y | N | 0 N | 0 | 14 | 14 | 14 | |
| 20 | None | N | N | 0 N | 0 | 23 | 23 | 23 | |
| 21 | Cold | Y | Y | 24 N | 0 | 11 | 11 | 11 | |
| 22 | None | N | Y | 24 N | 0 | 23 | 23 | 23 | |
| 23 | None | N | Y | 24 N | 0 | 11 | 11 | 11 | |
| 24 | Cold | Y | Y | 24 N | 0 | 23 | 23 | 23 | |
| 25 | Cold | Y | N | 0 N | 0 | 20 | 20 | 20 | |
| 26 | None | N | N | 0 N | 0 | 26 | 26 | 26 | |
| 27 | None | N | Y | 24 N | 0 | 29 | 29 | 29 | |
| 28 | Cold | Y | Y | 24 N | 0 | 17 | 17 | 17 | |
| 29 | Cold | Y | N | 0 N | 0 | 29 | 29 | 29 | |
| 30 | None | N | N | 0 N | 0 | 11 | 11 | 11 | |
| 31 | None | N | Y | 24 N | 0 | 20 | 20 | 20 | |
| 32 | None | N | Y | 24 N | 0 | 29 | 29 | 29 | |
| 33 | None | N | N | 0 N | 0 | 26 | 26 | 26 | |
| 34 | None | N | Y | 24 N | 0 | 29 | 29 | 29 | |
| 35 | None | N | N | 0 N | 0 | 17 | 17 | 17 | |
| 36 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 | |
| 37 | None | N | Y | 8 Y | 10 | 25 | 15 | 18.33333 | |
| 38 | Cold | Y | Y | 12 N | 0 | 15 | 15 | 15 | |
| 39 | Cold | Y | Y | 12 N | 0 | 12.5 | 12.5 | 12.5 | |
| 40 | None | N | Y | 12 N | 0 | 5 | 5 | 5 | |
| 41 | Cold | Y | Y | 12 N | 0 | 10 | 10 | 10 | |
| 42 | None | N | Y | 12 N | 0 | 15 | 15 | 15 | |
| 43 | Cold | Y | Y | 12 N | 0 | 5 | 5 | 5 | |
| 44 | None | N | Y | 12 N | 0 | 10 | 10 | 10 | |
| 45 | Cold | Y | Y | 12 N | 0 | 7.5 | 7.5 | 7.5 | |
| 46 | None | N | Y | 12 N | 0 | 7.5 | 7.5 | 7.5 | |
| 47 | Cold | Y | Y | 12 N | 0 | 2.5 | 2.5 | 2.5 | |
| 48 | None | N | Y | 12 N | 0 | 2.5 | 2.5 | 2.5 | |
| 49 | None | N | Y | 12 N | 0 | 12.5 | 12.5 | 12.5 | |
| 50 | Cold | Y | Y | 12 N | 0 | 10 | 10 | 10 | |
| 51 | Cold | Y | Y | 12 N | 0 | 2.5 | 2.5 | 2.5 | |
| 52 | None | N | Y | 12 N | 0 | 15 | 15 | 15 | |
| 53 | Cold | Y | Y | 12 N | 0 | 5 | 5 | 5 | |
| 54 | Cold | Y | Y | 12 N | 0 | 12.5 | 12.5 | 12.5 | |
| 55 | Cold | Y | Y | 12 N | 0 | 7.5 | 7.5 | 7.5 | |
| 56 | None | N | Y | 12 N | 0 | 10 | 10 | 10 | |
| 57 | None | N | Y | 12 N | 0 | 12.5 | 12.5 | 12.5 | |
| 58 | Cold | Y | Y | 12 N | 0 | 15 | 15 | 15 | |

| | | | | | | | | | |
|----|------|---|----|----|---|----|------|------|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | 12 | N | 0 | 7.5 | 7.5 | 7.5 |
| 4 | None | N | Y | 12 | N | 0 | 5 | 5 | 5 |
| 5 | None | N | Y | 12 | N | 0 | 2.5 | 2.5 | 2.5 |
| 6 | Cold | Y | Y | 12 | N | 0 | 15 | 15 | 15 |
| 7 | Cold | Y | Y | 12 | N | 0 | 10 | 10 | 10 |
| 8 | None | N | Y | 12 | N | 0 | 7.5 | 7.5 | 7.5 |
| 9 | None | N | Y | 12 | N | 0 | 5 | 5 | 5 |
| 10 | None | N | Y | 12 | N | 0 | 15 | 15 | 15 |
| 11 | None | N | Y | 12 | N | 0 | 2.5 | 2.5 | 2.5 |
| 12 | None | N | Y | 12 | N | 0 | 12.5 | 12.5 | 12.5 |
| 13 | Cold | Y | Y | 12 | N | 0 | 2.5 | 2.5 | 2.5 |
| 14 | Cold | Y | Y | 12 | N | 0 | 5 | 5 | 5 |
| 15 | Cold | Y | Y | 12 | N | 0 | 7.5 | 7.5 | 7.5 |
| 16 | None | N | Y | 12 | N | 0 | 10 | 10 | 10 |
| 17 | Cold | Y | Y | 12 | N | 0 | 12.5 | 12.5 | 12.5 |
| 18 | Cold | Y | Y | 12 | N | 0 | 10 | 10 | 10 |
| 19 | None | N | Y | 12 | N | 0 | 7.5 | 7.5 | 7.5 |
| 20 | Cold | Y | Y | 12 | N | 0 | 7.5 | 7.5 | 7.5 |
| 21 | Cold | Y | Y | 12 | N | 0 | 12.5 | 12.5 | 12.5 |
| 22 | None | N | Y | 12 | N | 0 | 5 | 5 | 5 |
| 23 | Cold | Y | Y | 12 | N | 0 | 15 | 15 | 15 |
| 24 | None | N | Y | 12 | N | 0 | 2.5 | 2.5 | 2.5 |
| 25 | None | N | Y | 12 | N | 0 | 15 | 15 | 15 |
| 26 | Cold | Y | Y | 12 | N | 0 | 5 | 5 | 5 |
| 27 | None | N | Y | 12 | N | 0 | 12.5 | 12.5 | 12.5 |
| 28 | Cold | Y | Y | 12 | N | 0 | 2.5 | 2.5 | 2.5 |
| 29 | None | N | Y | 12 | N | 0 | 10 | 10 | 10 |
| 30 | Cold | Y | Y | 12 | N | 0 | 5 | 5 | 5 |
| 31 | Cold | Y | Y | 12 | N | 0 | 15 | 15 | 15 |
| 32 | None | N | Y | 12 | N | 0 | 10 | 10 | 10 |
| 33 | Cold | Y | Y | 12 | N | 0 | 2.5 | 2.5 | 2.5 |
| 34 | None | N | Y | 12 | N | 0 | 15 | 15 | 15 |
| 35 | Cold | Y | Y | 12 | N | 0 | 7.5 | 7.5 | 7.5 |
| 36 | None | N | Y | 12 | N | 0 | 2.5 | 2.5 | 2.5 |
| 37 | None | N | Y | 12 | N | 0 | 12.5 | 12.5 | 12.5 |
| 38 | None | N | Y | 12 | N | 0 | 5 | 5 | 5 |
| 39 | Cold | Y | Y | 12 | N | 0 | 12.5 | 12.5 | 12.5 |
| 40 | None | N | Y | 12 | N | 0 | 7.5 | 7.5 | 7.5 |
| 41 | Cold | Y | Y | 12 | N | 0 | 10 | 10 | 10 |
| 42 | Cold | Y | Y | 14 | Y | 12 | 22 | 10 | 17 |
| 43 | Cold | Y | NA | NA | Y | 10 | 40 | 30 | 33.33333 |
| 44 | None | N | NA | NA | Y | 20 | 30 | 10 | 16.66667 |
| 45 | None | N | NA | NA | Y | 35 | 35 | 0 | 11.66667 |
| 46 | Cold | Y | NA | NA | Y | 25 | 25 | 0 | 8.333333 |
| 47 | Cold | Y | NA | NA | N | 0 | 25 | 25 | 25 |
| 48 | None | N | NA | NA | Y | 28 | 30 | 2 | 11.33333 |
| 49 | None | N | NA | NA | Y | 35 | 40 | 5 | 16.66667 |
| 50 | Cold | Y | NA | NA | Y | 15 | 20 | 5 | 10 |
| 51 | Cold | Y | NA | NA | Y | 5 | 20 | 15 | 16.66667 |
| 52 | None | N | NA | NA | Y | 10 | 40 | 30 | 33.33333 |
| 53 | Cold | Y | NA | NA | Y | 15 | 35 | 20 | 25 |
| 54 | None | N | NA | NA | Y | 5 | 5 | 0 | 1.666667 |
| 55 | Cold | Y | NA | NA | Y | 10 | 35 | 25 | 28.33333 |
| 56 | Cold | Y | NA | NA | Y | 5 | 35 | 30 | 31.66667 |
| 57 | Cold | Y | NA | NA | Y | 20 | 25 | 5 | 11.66667 |
| 58 | None | N | NA | NA | Y | 20 | 40 | 20 | 26.66667 |

| | | | | | | | | | |
|----|------|---|----|----|---|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Cold | Y | NA | NA | Y | 33 | 35 | 2 | 13 |
| 4 | None | N | NA | NA | N | 0 | 2 | 2 | 2 |
| 5 | None | N | NA | NA | N | 0 | 0 | 0 | 0 |
| 6 | Cold | Y | NA | NA | Y | 25 | 40 | 15 | 23.33333 |
| 7 | None | N | NA | NA | Y | 33 | 35 | 2 | 13 |
| 8 | Cold | Y | NA | NA | Y | 3 | 5 | 2 | 3 |
| 9 | Cold | Y | NA | NA | Y | 5 | 10 | 5 | 6.666667 |
| 10 | Cold | Y | NA | NA | N | 0 | 0 | 0 | 0 |
| 11 | None | N | NA | NA | N | 0 | 40 | 40 | 40 |
| 12 | None | N | NA | NA | Y | 15 | 20 | 5 | 10 |
| 13 | None | N | NA | NA | Y | 25 | 30 | 5 | 13.33333 |
| 14 | Cold | Y | NA | NA | N | 0 | 30 | 30 | 30 |
| 15 | None | N | NA | NA | Y | 10 | 10 | 0 | 3.333333 |
| 16 | Cold | Y | NA | NA | Y | 40 | 40 | 0 | 13.33333 |
| 17 | None | N | NA | NA | Y | 23 | 25 | 2 | 9.666667 |
| 18 | Cold | Y | NA | NA | Y | 5 | 15 | 10 | 11.66667 |
| 19 | Cold | Y | NA | NA | N | 0 | 40 | 40 | 40 |
| 20 | Cold | Y | NA | NA | Y | 38 | 40 | 2 | 14.66667 |
| 21 | None | N | NA | NA | Y | 25 | 35 | 10 | 18.33333 |
| 22 | Cold | Y | NA | NA | Y | 2 | 2 | 0 | ##### |
| 23 | Cold | Y | NA | NA | Y | 30 | 30 | 0 | 10 |
| 24 | None | N | NA | NA | Y | 5 | 15 | 10 | 11.66667 |
| 25 | Cold | Y | NA | NA | Y | 13 | 15 | 2 | 6.333333 |
| 26 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 27 | None | N | NA | NA | Y | 20 | 20 | 0 | 6.666667 |
| 28 | None | N | NA | NA | Y | 38 | 40 | 2 | 14.66667 |
| 29 | None | N | NA | NA | Y | 20 | 35 | 15 | 21.66667 |
| 30 | Cold | Y | NA | NA | Y | 15 | 15 | 0 | 5 |
| 31 | Cold | Y | NA | NA | Y | 10 | 20 | 10 | 13.33333 |
| 32 | None | N | NA | NA | Y | 10 | 15 | 5 | 8.333333 |
| 33 | None | N | NA | NA | Y | 18 | 20 | 2 | 8 |
| 34 | None | N | NA | NA | Y | 10 | 35 | 25 | 28.33333 |
| 35 | Cold | Y | NA | NA | N | 0 | 35 | 35 | 35 |
| 36 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 37 | None | N | NA | NA | Y | 15 | 40 | 25 | 30 |
| 38 | Cold | Y | NA | NA | Y | 20 | 40 | 20 | 26.66667 |
| 39 | Cold | Y | NA | NA | N | 0 | 15 | 15 | 15 |
| 40 | Cold | Y | NA | NA | Y | 23 | 25 | 2 | 9.666667 |
| 41 | Cold | Y | NA | NA | Y | 20 | 30 | 10 | 16.66667 |
| 42 | Cold | Y | NA | NA | Y | 5 | 40 | 35 | 36.66667 |
| 43 | Cold | Y | NA | NA | Y | 25 | 30 | 5 | 13.33333 |
| 44 | Cold | Y | NA | NA | Y | 35 | 40 | 5 | 16.66667 |
| 45 | Cold | Y | NA | NA | Y | 30 | 35 | 5 | 15 |
| 46 | Cold | Y | NA | NA | Y | 15 | 40 | 25 | 30 |
| 47 | Cold | Y | NA | NA | Y | 35 | 35 | 0 | 11.66667 |
| 48 | None | N | NA | NA | Y | 13 | 15 | 2 | 6.333333 |
| 49 | Cold | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 50 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 51 | None | N | NA | NA | Y | 10 | 30 | 20 | 23.33333 |
| 52 | None | N | NA | NA | Y | 8 | 10 | 2 | 4.666667 |
| 53 | None | N | NA | NA | Y | 5 | 30 | 25 | 26.66667 |
| 54 | None | N | NA | NA | N | 0 | 35 | 35 | 35 |
| 55 | Cold | Y | NA | NA | Y | 10 | 25 | 15 | 18.33333 |
| 56 | Cold | Y | NA | NA | N | 0 | 5 | 5 | 5 |
| 57 | None | N | NA | NA | Y | 15 | 15 | 0 | 5 |
| 58 | None | N | NA | NA | Y | 2 | 2 | 0 | ##### |
| 59 | None | N | NA | NA | Y | | | | |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | NA | NA | Y | 30 | 40 | 10 | 20 |
| 4 | None | N | NA | NA | Y | 5 | 20 | 15 | 16.66667 |
| 5 | None | N | NA | NA | Y | 10 | 25 | 15 | 18.33333 |
| 6 | Cold | Y | NA | NA | N | 0 | 10 | 10 | 10 |
| 7 | None | N | NA | NA | Y | 5 | 10 | 5 | 6.666667 |
| 8 | None | N | NA | NA | Y | 25 | 40 | 15 | 23.33333 |
| 9 | None | N | NA | NA | Y | 5 | 35 | 30 | 31.66667 |
| 10 | Cold | Y | NA | NA | Y | 10 | 10 | 0 | 3.333333 |
| 11 | None | N | NA | NA | N | 0 | 30 | 30 | 30 |
| 12 | Cold | Y | NA | NA | Y | 10 | 15 | 5 | 8.333333 |
| 13 | None | N | NA | NA | Y | 10 | 20 | 10 | 13.33333 |
| 14 | Cold | Y | NA | NA | Y | 28 | 30 | 2 | 11.33333 |
| 15 | None | N | NA | NA | Y | 20 | 25 | 5 | 11.66667 |
| 16 | Cold | Y | NA | NA | Y | 15 | 30 | 15 | 20 |
| 17 | Cold | Y | NA | NA | Y | 20 | 35 | 15 | 21.66667 |
| 18 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 19 | Cold | Y | NA | NA | Y | 5 | 25 | 20 | 21.66667 |
| 20 | None | N | NA | NA | Y | 30 | 35 | 5 | 15 |
| 21 | None | N | NA | NA | Y | 15 | 30 | 15 | 20 |
| 22 | None | N | NA | NA | Y | 5 | 40 | 35 | 36.66667 |
| 23 | None | N | NA | NA | Y | 25 | 25 | 0 | 8.333333 |
| 24 | Cold | Y | NA | NA | Y | 5 | 5 | 0 | 1.666667 |
| 25 | Cold | Y | NA | NA | Y | 30 | 40 | 10 | 20 |
| 26 | Cold | Y | NA | NA | Y | 20 | 20 | 0 | 6.666667 |
| 27 | None | N | NA | NA | Y | 15 | 25 | 10 | 15 |
| 28 | Cold | Y | NA | NA | Y | 8 | 10 | 2 | 4.666667 |
| 29 | Cold | Y | NA | NA | N | 0 | 2 | 2 | 2 |
| 30 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 31 | None | N | NA | NA | Y | 40 | 40 | 0 | 13.33333 |
| 32 | Cold | Y | NA | NA | Y | 5 | 30 | 25 | 26.66667 |
| 33 | None | N | NA | NA | Y | 5 | 25 | 20 | 21.66667 |
| 34 | Cold | Y | NA | NA | Y | 10 | 30 | 20 | 23.33333 |
| 35 | Cold | Y | NA | NA | Y | 18 | 20 | 2 | 8 |
| 36 | None | N | NA | NA | Y | 15 | 35 | 20 | 25 |
| 37 | Cold | Y | NA | NA | Y | 25 | 35 | 10 | 18.33333 |
| 38 | None | N | NA | NA | Y | 30 | 30 | 0 | 10 |
| 39 | Cold | Y | NA | NA | Y | 15 | 25 | 10 | 15 |
| 40 | None | N | NA | NA | Y | 3 | 5 | 2 | 3 |
| 41 | None | N | Y | | 24 N | 0 | 24 | 24 | 24 |
| 42 | Cold | Y | Y | | 24 N | 0 | 24 | 24 | 24 |
| 43 | Cold | Y | Y | | 24 N | 0 | 24 | 24 | 24 |
| 44 | None | N | Y | | 24 N | 0 | 24 | 24 | 24 |
| 45 | None | N | Y | | 24 N | 0 | 20 | 20 | 20 |
| 46 | Cold | Y | N | | 0 N | 0 | 20 | 20 | 20 |
| 47 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 48 | Cold | Y | N | | 0 N | 0 | 20 | 20 | 20 |
| 49 | None | N | Y | | 24 N | 0 | 20 | 20 | 20 |
| 50 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 51 | Cold | Y | N | | 0 Y | 5 | 29 | 24 | 26.5 |
| 52 | Cold | Y | Y | | 14 Y | 5 | 29 | 24 | 26.91667 |
| 53 | Cold | Y | N | | 0 Y | 5 | 18 | 13 | 15.5 |
| 54 | Cold | Y | N | | 0 Y | 5 | 29 | 24 | 26.5 |
| 55 | Cold | Y | Y | | 14 Y | 5 | 18 | 13 | 15.91667 |
| 56 | Cold | Y | Y | | 14 Y | 5 | 18 | 13 | 15.91667 |
| 57 | Cold | Y | Y | | 14 Y | 5 | 29 | 24 | 26.91667 |
| 58 | Cold | Y | N | | 0 Y | 5 | 18 | 13 | 15.5 |

| | | | | | | | | | |
|----|------|---|----|----|---|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | NA | NA | Y | 16 | 10 | -6 | ##### |
| 4 | None | N | NA | NA | Y | 8 | 10 | 2 | 4.666667 |
| 5 | None | N | NA | NA | Y | 14 | 10 | -4 | ##### |
| 6 | None | N | NA | NA | Y | 10 | 40 | 30 | 33.33333 |
| 7 | None | N | NA | NA | Y | 6 | 2 | -4 | -2 |
| 8 | None | N | NA | NA | Y | 13 | 15 | 2 | 6.333333 |
| 9 | None | N | NA | NA | Y | 15 | 30 | 15 | 20 |
| 10 | None | N | NA | NA | Y | 29 | 25 | -4 | 5.666667 |
| 11 | None | N | NA | NA | N | 0 | 0 | 0 | 0 |
| 12 | None | N | NA | NA | N | 0 | 35 | 35 | 35 |
| 13 | None | N | NA | NA | Y | 5 | 40 | 35 | 36.66667 |
| 14 | None | N | NA | NA | Y | 15 | 35 | 20 | 25 |
| 15 | None | N | NA | NA | Y | 33 | 35 | 2 | 13 |
| 16 | None | N | NA | NA | Y | 40 | 40 | 0 | 13.33333 |
| 17 | None | N | NA | NA | Y | 25 | 30 | 5 | 13.33333 |
| 18 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 19 | None | N | NA | NA | Y | 36 | 30 | -6 | 6 |
| 20 | None | N | NA | NA | Y | 5 | 35 | 30 | 31.66667 |
| 21 | None | N | NA | NA | Y | 12 | 10 | -2 | 2 |
| 22 | None | N | NA | NA | Y | 21 | 15 | -6 | 1 |
| 23 | None | N | NA | NA | Y | 5 | 15 | 10 | 11.66667 |
| 24 | None | N | NA | NA | Y | 25 | 35 | 10 | 18.33333 |
| 25 | None | N | NA | NA | Y | 4 | 0 | -4 | -2.66667 |
| 26 | None | N | NA | NA | Y | 35 | 40 | 5 | 16.66667 |
| 27 | None | N | NA | NA | Y | 18 | 20 | 2 | 8 |
| 28 | None | N | NA | NA | Y | 30 | 35 | 5 | 15 |
| 29 | None | N | NA | NA | Y | 5 | 10 | 5 | 6.666667 |
| 30 | None | N | NA | NA | Y | 25 | 25 | 0 | 8.333333 |
| 31 | None | N | NA | NA | Y | 26 | 20 | -6 | 2.666667 |
| 32 | None | N | NA | NA | Y | 5 | 25 | 20 | 21.66667 |
| 33 | None | N | NA | NA | Y | 23 | 25 | 2 | 9.666667 |
| 34 | None | N | NA | NA | Y | 6 | 0 | -6 | -4 |
| 35 | None | N | NA | NA | Y | 37 | 35 | -2 | 10.33333 |
| 36 | None | N | NA | NA | Y | 20 | 35 | 15 | 21.66667 |
| 37 | None | N | NA | NA | Y | 10 | 25 | 15 | 18.33333 |
| 38 | None | N | NA | NA | Y | 3 | 5 | 2 | 3 |
| 39 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 40 | None | N | NA | NA | Y | 27 | 25 | -2 | 7 |
| 41 | None | N | NA | NA | Y | 15 | 25 | 10 | 15 |
| 42 | None | N | NA | NA | Y | 8 | 2 | -6 | -3.33333 |
| 43 | None | N | NA | NA | Y | 10 | 10 | 0 | 3.333333 |
| 44 | None | N | NA | NA | N | 0 | 2 | 2 | 2 |
| 45 | None | N | NA | NA | Y | 5 | 5 | 0 | 1.666667 |
| 46 | None | N | NA | NA | Y | 4 | 2 | -2 | ##### |
| 47 | None | N | NA | NA | Y | 2 | 2 | 0 | ##### |
| 48 | None | N | NA | NA | Y | 5 | 30 | 25 | 26.66667 |
| 49 | None | N | NA | NA | Y | 7 | 5 | -2 | ##### |
| 50 | None | N | NA | NA | Y | 10 | 35 | 25 | 28.33333 |
| 51 | None | N | NA | NA | Y | 31 | 25 | -6 | 4.333333 |
| 52 | None | N | NA | NA | Y | 20 | 25 | 5 | 11.66667 |
| 53 | None | N | NA | NA | Y | 20 | 20 | 0 | 6.666667 |
| 54 | None | N | NA | NA | Y | 20 | 30 | 10 | 16.66667 |
| 55 | None | N | NA | NA | Y | 5 | 20 | 15 | 16.66667 |
| 56 | None | N | NA | NA | Y | 15 | 40 | 25 | 30 |
| 57 | None | N | NA | NA | Y | 41 | 35 | -6 | 7.666667 |
| 58 | None | N | NA | NA | Y | 25 | 40 | 15 | 23.33333 |
| 59 | None | N | NA | NA | Y | | | | |
| 60 | None | N | NA | NA | Y | | | | |

| | | | | | | | | | |
|----|------|---|----|----|---|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | NA | NA | Y | 24 | 20 | -4 | 4 |
| 4 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 5 | None | N | NA | NA | Y | 10 | 30 | 20 | 23.33333 |
| 6 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 7 | None | N | NA | NA | Y | 46 | 40 | -6 | 9.333333 |
| 8 | None | N | NA | NA | Y | 42 | 40 | -2 | 12 |
| 9 | None | N | NA | NA | Y | 30 | 30 | 0 | 10 |
| 10 | None | N | NA | NA | Y | 15 | 15 | 0 | 5 |
| 11 | None | N | NA | NA | Y | 9 | 5 | -4 | -1 |
| 12 | None | N | NA | NA | Y | 38 | 40 | 2 | 14.66667 |
| 13 | None | N | NA | NA | Y | 34 | 30 | -4 | 7.333333 |
| 14 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 15 | None | N | NA | NA | Y | 5 | 15 | 10 | 11.66667 |
| 16 | None | N | NA | NA | Y | 25 | 25 | 0 | 8.333333 |
| 17 | None | N | NA | NA | Y | 10 | 10 | 0 | 3.333333 |
| 18 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 19 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 20 | None | N | NA | NA | Y | 15 | 20 | 5 | 10 |
| 21 | None | N | NA | NA | Y | 10 | 15 | 5 | 8.333333 |
| 22 | None | N | NA | NA | Y | 11 | 5 | -6 | -2.33333 |
| 23 | None | N | NA | NA | Y | 22 | 20 | -2 | 5.333333 |
| 24 | None | N | NA | NA | Y | 35 | 35 | 0 | 11.66667 |
| 25 | None | N | NA | NA | Y | 30 | 40 | 10 | 20 |
| 26 | None | N | NA | NA | Y | 10 | 20 | 10 | 13.33333 |
| 27 | None | N | NA | NA | Y | 7 | 5 | -2 | ##### |
| 28 | None | N | NA | NA | Y | 18 | 20 | 2 | 8 |
| 29 | None | N | NA | NA | Y | 15 | 40 | 25 | 30 |
| 30 | None | N | NA | NA | N | 0 | 30 | 30 | 30 |
| 31 | None | N | NA | NA | Y | 6 | 0 | -6 | -4 |
| 32 | None | N | NA | NA | Y | 20 | 20 | 0 | 6.666667 |
| 33 | None | N | NA | NA | N | 0 | 2 | 2 | 2 |
| 34 | None | N | NA | NA | Y | 29 | 25 | -4 | 5.666667 |
| 35 | None | N | NA | NA | Y | 15 | 25 | 10 | 15 |
| 36 | None | N | NA | NA | Y | 26 | 20 | -6 | 2.666667 |
| 37 | None | N | NA | NA | Y | 20 | 40 | 20 | 26.66667 |
| 38 | None | N | NA | NA | Y | 30 | 40 | 10 | 20 |
| 39 | None | N | NA | NA | N | 0 | 30 | 30 | 30 |
| 40 | None | N | NA | NA | Y | 11 | 5 | -6 | -2.33333 |
| 41 | None | N | NA | NA | Y | 44 | 40 | -4 | 10.66667 |
| 42 | None | N | NA | NA | Y | 10 | 20 | 10 | 13.33333 |
| 43 | None | N | NA | NA | Y | 17 | 15 | -2 | 3.666667 |
| 44 | None | N | NA | NA | Y | 39 | 35 | -4 | 9 |
| 45 | None | N | NA | NA | Y | 19 | 15 | -4 | 2.333333 |
| 46 | None | N | NA | NA | Y | 20 | 30 | 10 | 16.66667 |
| 47 | None | N | NA | NA | Y | 25 | 30 | 5 | 13.33333 |
| 48 | None | N | NA | NA | Y | 25 | 40 | 15 | 23.33333 |
| 49 | None | N | NA | NA | Y | 5 | 30 | 25 | 26.66667 |
| 50 | None | N | NA | NA | Y | 14 | 10 | -4 | ##### |
| 51 | None | N | NA | NA | Y | 10 | 15 | 5 | 8.333333 |
| 52 | None | N | NA | NA | Y | 20 | 25 | 5 | 11.66667 |
| 53 | None | N | NA | NA | Y | 36 | 30 | -6 | 6 |
| 54 | None | N | NA | NA | Y | 15 | 15 | 0 | 5 |
| 55 | None | N | NA | NA | Y | 19 | 15 | -4 | 2.333333 |
| 56 | None | N | NA | NA | Y | 5 | 25 | 20 | 21.66667 |
| 57 | None | N | NA | NA | Y | 2 | 0 | -2 | -1.33333 |
| 58 | None | N | NA | NA | Y | 28 | 30 | 2 | 11.33333 |
| 59 | None | N | NA | NA | Y | | | | |
| 60 | None | N | NA | NA | Y | | | | |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | NA | NA | Y | 8 | 2 | -6 | -3.33333 |
| 4 | None | N | NA | NA | Y | 42 | 40 | -2 | 12 |
| 5 | None | N | NA | NA | Y | 27 | 25 | -2 | 7 |
| 6 | None | N | NA | NA | Y | 22 | 20 | -2 | 5.333333 |
| 7 | None | N | NA | NA | Y | 8 | 10 | 2 | 4.666667 |
| 8 | None | N | NA | NA | N | 0 | 40 | 40 | 40 |
| 9 | None | N | NA | NA | Y | 10 | 25 | 15 | 18.33333 |
| 10 | None | N | NA | NA | Y | 6 | 2 | -4 | -2 |
| 11 | None | N | NA | NA | Y | 21 | 15 | -6 | 1 |
| 12 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 13 | None | N | NA | NA | Y | 4 | 2 | -2 | ##### |
| 14 | None | N | NA | NA | Y | 9 | 5 | -4 | -1 |
| 15 | None | N | NA | NA | Y | 28 | 30 | 2 | 11.33333 |
| 16 | None | N | NA | NA | Y | 10 | 30 | 20 | 23.33333 |
| 17 | None | N | NA | NA | Y | 16 | 10 | -6 | ##### |
| 18 | None | N | NA | NA | Y | 23 | 25 | 2 | 9.666667 |
| 19 | None | N | NA | NA | Y | 5 | 5 | 0 | 1.666667 |
| 20 | None | N | NA | NA | Y | 13 | 15 | 2 | 6.333333 |
| 21 | None | N | NA | NA | Y | 24 | 20 | -4 | 4 |
| 22 | None | N | NA | NA | Y | 15 | 30 | 15 | 20 |
| 23 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 24 | None | N | NA | NA | Y | 44 | 40 | -4 | 10.66667 |
| 25 | None | N | NA | NA | Y | 35 | 40 | 5 | 16.66667 |
| 26 | None | N | NA | NA | Y | 4 | 0 | -4 | -2.66667 |
| 27 | None | N | NA | NA | Y | 3 | 5 | 2 | 3 |
| 28 | None | N | NA | NA | Y | 32 | 30 | -2 | 8.666667 |
| 29 | None | N | NA | NA | Y | 5 | 20 | 15 | 16.66667 |
| 30 | None | N | NA | NA | Y | 40 | 40 | 0 | 13.33333 |
| 31 | None | N | NA | NA | N | 0 | 40 | 40 | 40 |
| 32 | None | N | NA | NA | Y | 2 | 2 | 0 | ##### |
| 33 | None | N | NA | NA | Y | 10 | 40 | 30 | 33.33333 |
| 34 | None | N | NA | NA | Y | 38 | 40 | 2 | 14.66667 |
| 35 | None | N | NA | NA | Y | 2 | 0 | -2 | -1.33333 |
| 36 | None | N | NA | NA | Y | 15 | 20 | 5 | 10 |
| 37 | None | N | NA | NA | Y | 46 | 40 | -6 | 9.333333 |
| 38 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 39 | None | N | NA | NA | Y | 12 | 10 | -2 | 2 |
| 40 | None | N | NA | NA | Y | 5 | 10 | 5 | 6.666667 |
| 41 | None | N | NA | NA | Y | 17 | 15 | -2 | 3.666667 |
| 42 | None | N | NA | NA | Y | 20 | 40 | 20 | 26.66667 |
| 43 | None | N | NA | NA | Y | 30 | 30 | 0 | 10 |
| 44 | None | N | NA | NA | Y | 32 | 30 | -2 | 8.666667 |
| 45 | None | N | NA | NA | N | 0 | 0 | 0 | 0 |
| 46 | None | N | NA | NA | Y | 31 | 25 | -6 | 4.333333 |
| 47 | None | N | NA | NA | Y | 34 | 30 | -4 | 7.333333 |
| 48 | None | N | Y | | 8 N | 0 | 15 | 15 | 15 |
| 49 | None | N | N | | 0 Y | 10 | 25 | 15 | 20 |
| 50 | None | N | Y | | 8 N | 0 | 25 | 25 | 25 |
| 51 | None | N | Y | | 8 N | 0 | 15 | 15 | 15 |
| 52 | None | N | Y | | 8 Y | 10 | 25 | 15 | 18.33333 |
| 53 | None | N | N | | 0 Y | 10 | 25 | 15 | 20 |
| 54 | None | N | Y | | 8 Y | 10 | 25 | 15 | 18.33333 |
| 55 | None | N | Y | | 8 N | 0 | 25 | 25 | 25 |
| 56 | Cold | Y | Y | | 12 N | 0 | 21 | 21 | 21 |
| 57 | None | N | N | | 0 Y | 9 | 16 | 7 | 11.5 |
| 58 | None | N | Y | | 12 Y | 8 | 24 | 16 | 20 |

| | | | | | | | | |
|----|------|---|---|------|----|----|----|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | Cold | Y | N | 0 Y | 5 | 29 | 24 | 26.5 |
| 4 | None | N | N | 0 Y | 5 | 29 | 24 | 26.5 |
| 5 | None | N | N | 0 Y | 20 | 30 | 10 | 20 |
| 6 | None | N | Y | 12 N | 0 | 21 | 21 | 21 |
| 7 | Cold | Y | N | 0 Y | 8 | 24 | 16 | 20 |
| 8 | None | N | N | 0 Y | 20 | 30 | 10 | 20 |
| 9 | Cold | Y | Y | 12 Y | 9 | 16 | 7 | 11.5 |
| 10 | Cold | Y | N | 0 Y | 9 | 16 | 7 | 11.5 |
| 11 | None | N | Y | 12 Y | 9 | 16 | 7 | 11.5 |
| 12 | None | N | Y | 12 N | 0 | 21 | 21 | 21 |
| 13 | Cold | Y | Y | 12 Y | 8 | 24 | 16 | 20 |
| 14 | None | N | Y | 12 Y | 5 | 29 | 24 | 26.5 |
| 15 | None | N | N | 0 Y | 20 | 30 | 10 | 20 |
| 16 | None | N | N | 0 Y | 8 | 24 | 16 | 20 |
| 17 | None | N | N | 0 Y | 20 | 30 | 10 | 20 |
| 18 | Cold | Y | Y | 12 Y | 5 | 29 | 24 | 26.5 |
| 19 | None | N | Y | 12 N | 0 | 21 | 21 | 21 |
| 20 | None | N | N | 0 N | 0 | 24 | 24 | 24 |
| 21 | None | N | Y | 24 N | 0 | 24 | 24 | 24 |
| 22 | None | N | Y | 24 N | 0 | 24 | 24 | 24 |
| 23 | None | N | N | 0 N | 0 | 24 | 24 | 24 |
| 24 | None | N | N | 0 N | 0 | 24 | 24 | 24 |
| 25 | None | N | Y | 24 N | 0 | 24 | 24 | 24 |
| 26 | Cold | Y | Y | 14 Y | 12 | 22 | 10 | 17 |
| 27 | None | N | Y | 24 N | 0 | 24 | 24 | 24 |
| 28 | None | N | N | 0 N | 0 | 24 | 24 | 24 |
| 29 | None | N | Y | 24 N | 0 | 24 | 24 | 24 |
| 30 | None | N | N | 0 N | 0 | 24 | 24 | 24 |
| 31 | None | N | N | 0 N | 0 | 24 | 24 | 24 |
| 32 | None | N | Y | 24 N | 0 | 24 | 24 | 24 |
| 33 | None | N | Y | 24 N | 0 | 24 | 24 | 24 |
| 34 | None | N | N | 0 N | 0 | 24 | 24 | 24 |
| 35 | None | N | Y | 24 N | 0 | 24 | 24 | 24 |
| 36 | None | N | N | 0 N | 0 | 24 | 24 | 24 |
| 37 | None | N | N | 0 N | 0 | 24 | 24 | 24 |
| 38 | None | N | Y | 24 N | 0 | 24 | 24 | 24 |
| 39 | None | N | N | 0 N | 0 | 24 | 24 | 24 |
| 40 | None | N | Y | 24 N | 0 | 24 | 24 | 24 |
| 41 | None | N | Y | 24 N | 0 | 24 | 24 | 24 |
| 42 | None | N | N | 0 N | 0 | 24 | 24 | 24 |
| 43 | None | N | N | 0 N | 0 | 24 | 24 | 24 |
| 44 | None | N | Y | 24 N | 0 | 24 | 24 | 24 |
| 45 | Cold | Y | Y | 8 Y | 10 | 20 | 10 | 13.33333 |
| 46 | None | N | Y | 8 N | 0 | 10 | 10 | 10 |
| 47 | None | N | Y | 8 N | 0 | 20 | 20 | 20 |
| 48 | None | N | Y | 8 Y | 10 | 20 | 10 | 13.33333 |
| 49 | None | N | Y | 8 Y | 10 | 20 | 10 | 13.33333 |
| 50 | None | N | Y | 8 N | 0 | 30 | 30 | 30 |
| 51 | None | N | Y | 8 Y | 28 | 30 | 2 | 11.33333 |
| 52 | None | N | Y | 8 Y | 18 | 20 | 2 | 8 |
| 53 | None | N | Y | 8 Y | 10 | 30 | 20 | 23.33333 |
| 54 | None | N | Y | 8 Y | 8 | 10 | 2 | 4.666667 |
| 55 | None | N | Y | 8 Y | 20 | 30 | 10 | 16.66667 |
| 56 | Cold | Y | Y | 14 Y | 12 | 22 | 10 | 17 |
| 57 | None | N | Y | 8 Y | 8 | 27 | 19 | 21.66667 |
| 58 | None | N | Y | 12 N | 0 | 25 | 25 | 25 |
| 59 | | | | | | | | |
| 60 | | | | | | | | |

| | | | | | | | | | |
|----|------|---|----|-----|---|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | 12 | N | 0 | 25 | 25 | 25 |
| 4 | None | N | Y | 12 | N | 0 | 25 | 25 | 25 |
| 5 | None | N | Y | 12 | N | 0 | 25 | 25 | 25 |
| 6 | Cold | Y | Y | 8 | Y | 10 | 25 | 15 | 18.33333 |
| 7 | Cold | Y | Y | 12 | Y | 8 | 23 | 15 | 19 |
| 8 | None | N | N | 0 | N | 0 | 15 | 15 | 15 |
| 9 | None | N | Y | 24 | Y | 18 | 27 | 9 | 18 |
| 10 | None | N | Y | 24 | N | 0 | 27 | 27 | 27 |
| 11 | None | N | Y | 24 | N | 0 | 21 | 21 | 21 |
| 12 | None | N | N | 0 | N | 0 | 27 | 27 | 27 |
| 13 | None | N | Y | 24 | N | 0 | 9 | 9 | 9 |
| 14 | None | N | Y | 24 | N | 0 | 15 | 15 | 15 |
| 15 | None | N | Y | 24 | Y | 12 | 21 | 9 | 15 |
| 16 | Cold | Y | Y | 16 | Y | 3 | 21 | 18 | 20 |
| 17 | None | N | Y | 16 | Y | 3 | 21 | 18 | 20 |
| 18 | Cold | Y | NA | NA | N | 0 | 10 | 10 | 10 |
| 19 | Cold | Y | NA | NA | N | 0 | 25 | 25 | 25 |
| 20 | Cold | Y | NA | NA | N | 0 | 15 | 15 | 15 |
| 21 | Cold | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 22 | Cold | Y | NA | NA | N | 0 | 5 | 5 | 5 |
| 23 | None | N | N | 0 | N | 0 | 20 | 20 | 20 |
| 24 | None | N | N | 0 | N | 0 | 20 | 20 | 20 |
| 25 | Cold | Y | NA | NA | N | 0 | 25 | 25 | 25 |
| 26 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 27 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 28 | Cold | Y | NA | NA | N | 0 | 25 | 25 | 25 |
| 29 | None | N | Y | 0.1 | N | 0 | 15 | 15 | 15 |
| 30 | None | N | Y | 0.1 | N | 0 | 38 | 38 | 38 |
| 31 | None | N | Y | 0.1 | N | 0 | 27 | 27 | 27 |
| 32 | Cold | Y | Y | 24 | Y | 8 | 24 | 16 | 20 |
| 33 | None | N | Y | 24 | Y | 8 | 24 | 16 | 20 |
| 34 | None | N | Y | 0.1 | N | 0 | 32 | 32 | 32 |
| 35 | None | N | Y | 24 | Y | 11 | 38 | 27 | 32.5 |
| 36 | Cold | Y | N | 0 | Y | 11 | 38 | 27 | 32.5 |
| 37 | None | N | N | 0 | Y | 8 | 24 | 16 | 20 |
| 38 | None | N | N | 0 | Y | 11 | 38 | 27 | 32.5 |
| 39 | Cold | Y | Y | 24 | Y | 11 | 38 | 27 | 32.5 |
| 40 | Cold | Y | N | 0 | Y | 8 | 24 | 16 | 20 |
| 41 | None | N | Y | 0.1 | N | 0 | 21 | 21 | 21 |
| 42 | Cold | Y | Y | 14 | Y | 12 | 22 | 10 | 17 |
| 43 | None | N | N | 0 | N | 0 | 30 | 30 | 30 |
| 44 | None | N | Y | 9 | Y | 25 | 25 | 0 | 9.375 |
| 45 | None | N | N | 0 | Y | 10 | 20 | 10 | 15 |
| 46 | None | N | N | 0 | Y | 20 | 20 | 0 | 10 |
| 47 | None | N | Y | 9 | Y | 5 | 15 | 10 | 11.875 |
| 48 | None | N | Y | 9 | N | 0 | 30 | 30 | 30 |
| 49 | None | N | Y | 9 | Y | 15 | 15 | 0 | 5.625 |
| 50 | None | N | N | 0 | Y | 15 | 25 | 10 | 17.5 |
| 51 | None | N | N | 0 | Y | 20 | 30 | 10 | 20 |
| 52 | None | N | N | 0 | Y | 10 | 30 | 20 | 25 |
| 53 | None | N | N | 0 | Y | 5 | 30 | 25 | 27.5 |
| 54 | None | N | Y | 9 | N | 0 | 15 | 15 | 15 |
| 55 | None | N | Y | 9 | Y | 20 | 30 | 10 | 17.5 |
| 56 | None | N | N | 0 | Y | 5 | 15 | 10 | 12.5 |
| 57 | None | N | N | 0 | Y | 15 | 30 | 15 | 22.5 |
| 58 | None | N | Y | 9 | N | 0 | 20 | 20 | 20 |

| | | | | | | | | | |
|----|------|---|----|-------|----|----|----|----------|--|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 4 | None | N | N | 0 N | 0 | 5 | 5 | 5 | |
| 5 | None | N | Y | 9 Y | 5 | 25 | 20 | 21.875 | |
| 6 | None | N | Y | 9 Y | 10 | 25 | 15 | 18.75 | |
| 7 | None | N | Y | 9 N | 0 | 10 | 10 | 10 | |
| 8 | None | N | Y | 9 N | 0 | 5 | 5 | 5 | |
| 9 | None | N | N | 0 N | 0 | 15 | 15 | 15 | |
| 10 | None | N | N | 0 N | 0 | 10 | 10 | 10 | |
| 11 | None | N | N | 0 Y | 25 | 25 | 0 | 12.5 | |
| 12 | None | N | N | 0 Y | 5 | 20 | 15 | 17.5 | |
| 13 | None | N | N | 0 N | 0 | 20 | 20 | 20 | |
| 14 | None | N | Y | 9 Y | 10 | 30 | 20 | 23.75 | |
| 15 | None | N | Y | 9 Y | 15 | 25 | 10 | 15.625 | |
| 16 | None | N | N | 0 Y | 15 | 15 | 0 | 7.5 | |
| 17 | None | N | Y | 9 Y | 15 | 30 | 15 | 20.625 | |
| 18 | None | N | Y | 9 N | 0 | 25 | 25 | 25 | |
| 19 | None | N | Y | 9 Y | 5 | 20 | 15 | 16.875 | |
| 20 | None | N | Y | 9 Y | 20 | 20 | 0 | 7.5 | |
| 21 | None | N | Y | 9 Y | 10 | 20 | 10 | 13.75 | |
| 22 | None | N | N | 0 Y | 5 | 25 | 20 | 22.5 | |
| 23 | None | N | N | 0 Y | 10 | 25 | 15 | 20 | |
| 24 | None | N | Y | 9 Y | 5 | 30 | 25 | 26.875 | |
| 25 | None | N | Y | 10 Y | 11 | 27 | 16 | 20.58333 | |
| 26 | None | N | N | 0 Y | 8 | 10 | 2 | 6 | |
| 27 | None | N | N | 0 N | 0 | 2 | 2 | 2 | |
| 28 | None | N | Y | 10 N | 0 | 18 | 18 | 18 | |
| 29 | None | N | Y | 10 N | 0 | 2 | 2 | 2 | |
| 30 | None | N | N | 0 Y | 11 | 27 | 16 | 21.5 | |
| 31 | None | N | N | 0 Y | 12 | 16 | 4 | 10 | |
| 32 | None | N | N | 0 N | 0 | 18 | 18 | 18 | |
| 33 | None | N | Y | 10 Y | 8 | 10 | 2 | 5.333333 | |
| 34 | None | N | Y | 10 Y | 12 | 16 | 4 | 9 | |
| 35 | None | N | N | 0 N | 0 | 25 | 25 | 25 | |
| 36 | None | N | Y | 0.1 N | 0 | 25 | 25 | 25 | |
| 37 | None | N | NA | NA Y | 5 | 26 | 21 | 23.5 | |
| 38 | None | N | NA | NA Y | 5 | 26 | 21 | 23.5 | |
| 39 | None | N | NA | NA Y | 5 | 26 | 21 | 23.5 | |
| 40 | Cold | Y | N | 0 N | 0 | 17 | 17 | 17 | |
| 41 | None | N | Y | 16 N | 0 | 12 | 12 | 12 | |
| 42 | Cold | Y | Y | 16 N | 0 | 17 | 17 | 17 | |
| 43 | Cold | Y | N | 0 N | 0 | 22 | 22 | 22 | |
| 44 | None | N | N | 0 N | 0 | 17 | 17 | 17 | |
| 45 | None | N | Y | 16 N | 0 | 27 | 27 | 27 | |
| 46 | Cold | Y | Y | 16 N | 0 | 27 | 27 | 27 | |
| 47 | None | N | N | 0 N | 0 | 22 | 22 | 22 | |
| 48 | Cold | Y | N | 0 N | 0 | 27 | 27 | 27 | |
| 49 | None | N | N | 0 N | 0 | 12 | 12 | 12 | |
| 50 | Cold | Y | Y | 16 N | 0 | 22 | 22 | 22 | |
| 51 | None | N | Y | 16 N | 0 | 17 | 17 | 17 | |
| 52 | None | N | N | 0 N | 0 | 27 | 27 | 27 | |
| 53 | None | N | Y | 16 N | 0 | 22 | 22 | 22 | |
| 54 | Cold | Y | Y | 16 N | 0 | 12 | 12 | 12 | |
| 55 | Cold | Y | N | 0 N | 0 | 12 | 12 | 12 | |
| 56 | None | N | Y | 20 N | 0 | 15 | 15 | 15 | |
| 57 | None | N | N | 0 Y | 12 | 27 | 15 | 21 | |
| 58 | None | N | N | 0 Y | 12 | 27 | 15 | 21 | |
| 59 | None | N | N | 0 Y | 12 | 27 | 15 | 21 | |
| 60 | None | N | N | 0 Y | 12 | 27 | 15 | 21 | |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|----|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | | 24 Y | 12 | 27 | 15 | 21 |
| 4 | None | N | Y | | 24 Y | 12 | 27 | 15 | 21 |
| 5 | None | N | N | | 0 Y | 12 | 27 | 15 | 21 |
| 6 | None | N | Y | | 24 Y | 12 | 27 | 15 | 21 |
| 7 | Cold | Y | Y | | 12 N | 0 | 24 | 24 | 24 |
| 8 | None | N | Y | | 12 N | 0 | 24 | 24 | 24 |
| 9 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 10 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 11 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 12 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 13 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 14 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 15 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 16 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 17 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 18 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 19 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 20 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 21 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 22 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 23 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 24 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 25 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 26 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 27 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 28 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 29 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 30 | Cold | Y | Y | | 14 Y | 12 | 22 | 10 | 17 |
| 31 | None | N | NA | NA | N | 0 | 19 | 19 | 19 |
| 32 | None | N | NA | NA | N | 0 | 36 | 36 | 36 |
| 33 | None | N | NA | NA | N | 0 | 33 | 33 | 33 |
| 34 | None | N | NA | NA | N | 0 | 24 | 24 | 24 |
| 35 | None | N | NA | NA | N | 0 | 41 | 41 | 41 |
| 36 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 37 | None | N | NA | NA | N | 0 | 27 | 27 | 27 |
| 38 | None | N | NA | NA | N | 0 | 24 | 24 | 24 |
| 39 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 40 | None | N | NA | NA | N | 0 | 27 | 27 | 27 |
| 41 | None | N | NA | NA | N | 0 | 19 | 19 | 19 |
| 42 | None | N | NA | NA | N | 0 | 33 | 33 | 33 |
| 43 | None | N | NA | NA | N | 0 | 41 | 41 | 41 |
| 44 | None | N | NA | NA | N | 0 | 36 | 36 | 36 |
| 45 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 46 | None | N | NA | NA | N | 0 | 27 | 27 | 27 |
| 47 | None | N | NA | NA | N | 0 | 36 | 36 | 36 |
| 48 | None | N | NA | NA | N | 0 | 33 | 33 | 33 |
| 49 | None | N | NA | NA | N | 0 | 24 | 24 | 24 |
| 50 | None | N | NA | NA | N | 0 | 41 | 41 | 41 |
| 51 | None | N | NA | NA | N | 0 | 19 | 19 | 19 |
| 52 | None | N | NA | NA | N | 0 | 41 | 41 | 41 |
| 53 | None | N | NA | NA | N | 0 | 36 | 36 | 36 |
| 54 | None | N | NA | NA | N | 0 | 24 | 24 | 24 |
| 55 | None | N | NA | NA | N | 0 | 27 | 27 | 27 |
| 56 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 57 | None | N | NA | NA | N | 0 | 33 | 33 | 33 |
| 58 | None | N | NA | NA | N | 0 | 19 | 19 | 19 |
| 59 | None | N | NA | NA | N | 0 | 27 | 27 | 27 |
| 60 | None | N | NA | NA | N | 0 | 27 | 27 | 27 |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 4 | None | N | NA | NA | N | 0 | 19 | 19 | 19 |
| 5 | None | N | NA | NA | N | 0 | 24 | 24 | 24 |
| 6 | None | N | NA | NA | N | 0 | 27 | 27 | 27 |
| 7 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 8 | None | N | NA | NA | N | 0 | 24 | 24 | 24 |
| 9 | None | N | NA | NA | N | 0 | 19 | 19 | 19 |
| 10 | Cold | Y | NA | NA | Y | 17 | 32 | 15 | 23.5 |
| 11 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 12 | None | N | NA | NA | Y | 17 | 32 | 15 | 23.5 |
| 13 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 14 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 15 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 16 | None | N | NA | NA | Y | 17 | 32 | 15 | 23.5 |
| 17 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 18 | None | N | NA | NA | N | 0 | 32 | 32 | 32 |
| 19 | Cold | Y | NA | NA | N | 0 | 15 | 15 | 15 |
| 20 | Cold | Y | NA | NA | N | 0 | 32 | 32 | 32 |
| 21 | None | N | NA | NA | N | 0 | 32 | 32 | 32 |
| 22 | Cold | Y | NA | NA | N | 0 | 25 | 25 | 25 |
| 23 | None | N | NA | NA | N | 0 | 32 | 32 | 32 |
| 24 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 25 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 26 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 27 | Cold | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 28 | None | N | NA | NA | Y | 17 | 32 | 15 | 23.5 |
| 29 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 30 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 31 | None | N | NA | NA | N | 0 | 0 | 0 | 0 |
| 32 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 33 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 34 | None | N | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 35 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |
| 36 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |
| 37 | None | N | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 38 | None | N | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 39 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |
| 40 | None | N | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 41 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |
| 42 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |
| 43 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |
| 44 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |
| 45 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |
| 46 | None | N | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 47 | None | N | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 48 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |
| 49 | None | N | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 50 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |
| 51 | None | N | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 52 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |
| 53 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |
| 54 | None | N | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 55 | None | N | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 56 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |
| 57 | None | N | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 58 | None | N | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 59 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |
| 60 | None | N | N | | 0 Y | 5 | 25 | 20 | 22.5 |

| | | | | | | | | | |
|----|------|---|----|----|------|----|----|----|----------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | None | N | Y | | 12 Y | 5 | 25 | 20 | 22.5 |
| 4 | None | N | Y | | 24 N | 0 | 30 | 30 | 30 |
| 5 | None | N | Y | | 24 N | 0 | 30 | 30 | 30 |
| 6 | None | N | Y | | 24 N | 0 | 25 | 25 | 25 |
| 7 | None | N | Y | | 24 N | 0 | 25 | 25 | 25 |
| 8 | Cold | Y | Y | | 14 Y | 12 | 22 | 10 | 17 |
| 9 | None | N | Y | | 8 Y | 4 | 32 | 28 | 29.33333 |
| 10 | None | N | N | | 0 Y | 4 | 32 | 28 | 30 |
| 11 | None | N | N | | 0 Y | 4 | 32 | 28 | 30 |
| 12 | None | N | Y | | 8 Y | 4 | 32 | 28 | 29.33333 |
| 13 | None | N | N | | 0 Y | 4 | 32 | 28 | 30 |
| 14 | None | N | Y | | 8 Y | 4 | 32 | 28 | 29.33333 |
| 15 | None | N | Y | | 8 Y | 4 | 32 | 28 | 29.33333 |
| 16 | None | N | N | | 0 Y | 4 | 32 | 28 | 30 |
| 17 | Cold | Y | NA | NA | Y | 8 | 25 | 17 | 21 |
| 18 | None | N | NA | NA | Y | 5 | 27 | 22 | 24.5 |
| 19 | None | N | NA | NA | N | 0 | 5 | 5 | 5 |
| 20 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 21 | None | N | NA | NA | N | 0 | 30 | 30 | 30 |
| 22 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 23 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 24 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 25 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 26 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 27 | None | N | Y | | 24 N | 0 | 25 | 25 | 25 |
| 28 | None | N | N | | 0 N | 0 | 30 | 30 | 30 |
| 29 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 30 | None | N | Y | | 24 N | 0 | 20 | 20 | 20 |
| 31 | None | N | Y | | 24 N | 0 | 30 | 30 | 30 |
| 32 | None | N | Y | | 24 N | 0 | 15 | 15 | 15 |
| 33 | None | N | N | | 0 N | 0 | 20 | 20 | 20 |
| 34 | None | N | Y | | 24 N | 0 | 15 | 15 | 15 |
| 35 | None | N | N | | 0 N | 0 | 15 | 15 | 15 |
| 36 | None | N | Y | | 24 N | 0 | 25 | 25 | 25 |
| 37 | None | N | N | | 0 N | 0 | 25 | 25 | 25 |
| 38 | None | N | Y | | 24 N | 0 | 20 | 20 | 20 |
| 39 | None | N | Y | | 24 N | 0 | 30 | 30 | 30 |
| 40 | None | N | N | | 0 N | 0 | 30 | 30 | 30 |
| 41 | Cold | Y | NA | NA | N | 0 | 25 | 25 | 25 |
| 42 | Cold | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 43 | Cold | Y | NA | NA | N | 0 | 20 | 20 | 20 |
| 44 | Cold | Y | NA | NA | N | 0 | 15 | 15 | 15 |
| 45 | Cold | Y | NA | NA | N | 0 | 15 | 15 | 15 |
| 46 | Cold | Y | NA | NA | N | 0 | 25 | 25 | 25 |
| 47 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 48 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 49 | Cold | Y | Y | | 24 N | 0 | 25 | 25 | 25 |
| 50 | None | N | Y | | 24 N | 0 | 25 | 25 | 25 |
| 51 | None | N | Y | | 10 Y | 12 | 30 | 18 | 23 |
| 52 | None | N | NA | NA | N | 0 | 24 | 24 | 24 |
| 53 | None | N | NA | NA | N | 0 | 24 | 24 | 24 |
| 54 | None | N | NA | NA | N | 0 | 25 | 25 | 25 |
| 55 | None | N | NA | NA | N | 0 | 20 | 20 | 20 |
| 56 | None | N | NA | NA | N | 0 | 10 | 10 | 10 |
| 57 | None | N | NA | NA | N | 0 | 15 | 15 | 15 |
| 58 | None | N | N | | 0 N | 0 | 10 | 10 | 10 |

| | None | N | N | 0 N | 0 | 25 | 25 | 25 |
|----|------|---|----|------|----|----|----|----------|
| 3 | None | N | N | 0 N | 0 | 25 | 25 | 25 |
| 4 | Cold | Y | N | 0 N | 0 | 5 | 5 | 5 |
| 5 | None | N | N | 0 N | 0 | 30 | 30 | 30 |
| 6 | None | N | N | 0 N | 0 | 20 | 20 | 20 |
| 7 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 8 | None | N | N | 0 N | 0 | 5 | 5 | 5 |
| 9 | None | N | NA | NA | N | 0 | 25 | 25 |
| 10 | None | N | NA | NA | N | 0 | 20 | 20 |
| 11 | None | N | NA | NA | N | 0 | 15 | 15 |
| 12 | None | N | NA | NA | N | 0 | 10 | 10 |
| 13 | None | N | NA | NA | N | 0 | 15 | 15 |
| 14 | None | N | NA | NA | N | 0 | 10 | 10 |
| 15 | None | N | NA | NA | N | 0 | 20 | 20 |
| 16 | None | N | NA | NA | N | 0 | 25 | 25 |
| 17 | None | N | NA | NA | N | 0 | 20 | 20 |
| 18 | None | N | NA | NA | N | 0 | 10 | 10 |
| 19 | None | N | NA | NA | N | 0 | 15 | 15 |
| 20 | None | N | NA | NA | N | 0 | 25 | 25 |
| 21 | None | N | Y | 16 N | 0 | 25 | 25 | 25 |
| 22 | None | N | Y | 14 Y | 8 | 23 | 15 | 19.66667 |
| 23 | None | N | Y | 14 Y | 8 | 23 | 15 | 19.66667 |
| 24 | None | N | Y | 16 N | 0 | 25 | 25 | 25 |
| 25 | None | N | Y | 14 Y | 8 | 23 | 15 | 19.66667 |
| 26 | None | N | Y | 16 N | 0 | 25 | 25 | 25 |
| 27 | None | N | Y | 16 N | 0 | 25 | 25 | 25 |
| 28 | None | N | Y | 16 N | 0 | 25 | 25 | 25 |
| 29 | None | N | Y | 16 N | 0 | 25 | 25 | 25 |
| 30 | None | N | Y | 14 Y | 10 | 25 | 15 | 20.83333 |
| 31 | None | N | Y | 12 N | 0 | 25 | 25 | 25 |
| 32 | None | N | N | 0 N | 0 | 30 | 30 | 30 |
| 33 | None | N | N | 0 N | 0 | 15 | 15 | 15 |
| 34 | None | N | N | 0 N | 0 | 25 | 25 | 25 |
| 35 | None | N | Y | 24 N | 0 | 15 | 15 | 15 |
| 36 | None | N | Y | 24 N | 0 | 30 | 30 | 30 |
| 37 | None | N | Y | 16 N | 0 | 25 | 25 | 25 |
| 38 | None | N | N | 0 N | 0 | 20 | 20 | 20 |
| 39 | None | N | Y | 24 N | 0 | 25 | 25 | 25 |
| 40 | None | N | Y | 24 N | 0 | 20 | 20 | 20 |
| 41 | None | N | NA | NA | N | 0 | 24 | 24 |
| 42 | None | N | NA | NA | N | 0 | 24 | 24 |
| 43 | None | N | NA | NA | N | 0 | 24 | 24 |
| 44 | None | N | NA | NA | N | 0 | 24 | 24 |
| 45 | None | N | Y | 12 N | 0 | 21 | 21 | 21 |
| 46 | None | N | Y | 10 Y | -4 | 21 | 25 | 23.33333 |
| 47 | None | N | Y | 12 N | 0 | 21 | 21 | 21 |
| 48 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 |
| 49 | Cold | Y | Y | 12 Y | 10 | 20 | 10 | 15 |
| 50 | None | N | NA | NA | N | 0 | 5 | 5 |
| 51 | None | N | NA | NA | N | 0 | 10 | 10 |
| 52 | None | N | Y | 12 N | 0 | 20 | 20 | 20 |
| 53 | None | N | NA | NA | N | 0 | 30 | 30 |
| 54 | None | N | NA | NA | N | 0 | 15 | 15 |
| 55 | None | N | NA | NA | N | 0 | 35 | 35 |
| 56 | None | N | NA | NA | N | 0 | 20 | 20 |
| 57 | None | N | NA | NA | N | 0 | 25 | 25 |
| 58 | None | N | Y | 12 N | 0 | 25 | 25 | 25 |

| | | | | |
|----|-----------|------------|------------|------------|
| 1 | | | | |
| 2 | | | | |
| 3 | Temperatu | Length.exp | Germinatec | Germinable |
| 4 | 25 | 31 | 220 | 400 |
| 5 | 25 | 31 | 300 | 400 |
| 6 | 25 | 21 | 189 | 300 |
| 7 | 25 | 21 | 141 | 300 |
| 8 | 25 | 28 | 196 | 400 |
| 9 | 25 | 28 | 388 | 400 |
| 10 | 25 | 28 | 132 | 400 |
| 11 | 25 | 28 | 320 | 400 |
| 12 | 5 | 105 | 96 | 100 |
| 13 | 15 | 105 | 8 | 100 |
| 14 | 20 | 105 | 42 | 100 |
| 15 | 15 | 105 | 44 | 100 |
| 16 | 25 | 105 | 88 | 100 |
| 17 | 5 | 105 | 98 | 100 |
| 18 | 10 | 105 | 90 | 100 |
| 19 | 15 | 105 | 81 | 100 |
| 20 | 25 | 105 | 81 | 100 |
| 21 | 15 | 105 | 73 | 100 |
| 22 | 25 | 105 | 88 | 100 |
| 23 | 10 | 105 | 92 | 100 |
| 24 | 20 | 105 | 92 | 100 |
| 25 | 25 | 105 | 87 | 100 |
| 26 | 20 | 28 | 5 | 50 |
| 27 | 0 | 62 | 13 | 50 |
| 28 | 20 | 28 | 38 | 50 |
| 29 | 20 | 28 | 50 | 50 |
| 30 | 0 | 62 | 21 | 50 |
| 31 | 20 | 28 | 2 | 50 |
| 32 | 20 | 28 | 49 | 50 |
| 33 | 20 | 28 | 42 | 50 |
| 34 | 20 | 28 | 34 | 50 |
| 35 | 20 | 28 | 38 | 50 |
| 36 | 20 | 14 | 212 | 400 |
| 37 | 25 | 14 | 120 | 400 |
| 38 | 30 | 14 | 52 | 400 |
| 39 | 35 | 14 | 0 | 400 |
| 40 | 10 | 14 | 240 | 400 |
| 41 | 15 | 14 | 256 | 400 |
| 42 | 5 | 14 | 0 | 400 |
| 43 | 20 | 14 | 288 | 400 |
| 44 | 25 | 14 | 216 | 400 |
| 45 | 35 | 14 | 0 | 400 |
| 46 | 15 | 14 | 288 | 400 |
| 47 | 10 | 14 | 220 | 400 |
| 48 | 5 | 14 | 0 | 400 |
| 49 | 30 | 14 | 112 | 400 |
| 50 | 20 | 15 | 9 | 90 |
| 51 | 20 | 15 | 9 | 90 |
| 52 | 5 | 917 | 250 | 250 |
| 53 | 20 | 14 | 144 | 150 |
| 54 | 20 | 15 | 89 | 90 |
| 55 | 25 | 30 | 164 | 200 |
| 56 | 25 | 30 | 176 | 200 |
| 57 | 5 | 917 | 250 | 250 |
| 58 | 20 | 14 | 250 | 250 |
| 59 | | | | |
| 60 | | | | |

| | | | | |
|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 5 | 917 | 250 | 250 |
| 4 | 5 | 917 | 250 | 250 |
| 5 | 5 | 917 | 238 | 250 |
| 6 | 25 | 15 | 276 | 400 |
| 7 | 5 | 917 | 250 | 250 |
| 8 | 5 | 917 | 225 | 250 |
| 9 | 5 | 917 | 238 | 250 |
| 10 | 5 | 90 | 156 | 400 |
| 11 | 0 | 90 | 180 | 400 |
| 12 | 15 | 90 | 8 | 400 |
| 13 | 5 | 917 | 240 | 250 |
| 14 | 5 | 90 | 56 | 400 |
| 15 | 10 | 90 | 12 | 400 |
| 16 | 0 | 90 | 180 | 400 |
| 17 | 10 | 90 | 44 | 400 |
| 18 | 5 | 90 | 160 | 400 |
| 19 | 0 | 90 | 172 | 400 |
| 20 | 5 | 917 | 250 | 250 |
| 21 | 20 | 14 | 19 | 60 |
| 22 | 20 | 14 | 8 | 60 |
| 23 | 20 | 14 | 28 | 60 |
| 24 | 20 | 14 | 18 | 60 |
| 25 | 25 | 22 | 90 | 200 |
| 26 | 20 | 30 | 8 | 25 |
| 27 | 20 | 30 | 9 | 25 |
| 28 | 25 | 30 | 185 | 250 |
| 29 | 20 | 30 | 0 | 250 |
| 30 | 20 | 30 | 21 | 100 |
| 31 | 20 | 30 | 4 | 100 |
| 32 | 20 | 30 | 0 | 250 |
| 33 | 25 | 30 | 2 | 250 |
| 34 | 20 | 30 | 0 | 250 |
| 35 | 25 | 30 | 24 | 25 |
| 36 | 20 | 30 | 6 | 25 |
| 37 | 20 | 30 | 0 | 250 |
| 38 | 20 | 30 | 2 | 250 |
| 39 | 20 | 30 | 18 | 25 |
| 40 | 25 | 30 | 16 | 25 |
| 41 | 25 | 30 | 65 | 100 |
| 42 | 20 | 30 | 19 | 25 |
| 43 | 20 | 30 | 175 | 250 |
| 44 | 20 | 30 | 5 | 25 |
| 45 | 20 | 30 | 21 | 100 |
| 46 | 20 | 30 | 172 | 250 |
| 47 | 20 | 30 | 38 | 50 |
| 48 | 25 | 30 | 41 | 50 |
| 49 | 20 | 30 | 16 | 50 |
| 50 | 25 | 30 | 152 | 250 |
| 51 | 20 | 30 | 34 | 50 |
| 52 | 20 | 30 | 0 | 250 |
| 53 | 20 | 30 | 0 | 250 |
| 54 | 20 | 30 | 752 | 800 |
| 55 | 5 | 32 | 10 | 30 |
| 56 | 10 | 32 | 20 | 30 |
| 57 | 20 | 32 | 29 | 30 |
| 58 | 20 | 28 | 105 | 200 |
| 59 | | | | |
| 60 | | | | |

| | | | | |
|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 28 | 64 | 200 |
| 4 | 20 | 28 | 145 | 200 |
| 5 | 20 | 28 | 148 | 200 |
| 6 | 20 | 28 | 170 | 200 |
| 7 | 20 | 28 | 195 | 200 |
| 8 | 20 | 28 | 164 | 200 |
| 9 | 20 | 28 | 189 | 200 |
| 10 | 20 | 28 | 193 | 200 |
| 11 | 20 | 30 | 760 | 800 |
| 12 | 20 | 28 | 193 | 200 |
| 13 | 20 | 28 | 107 | 200 |
| 14 | 20 | 28 | 180 | 200 |
| 15 | 20 | 28 | 119 | 200 |
| 16 | 20 | 28 | 180 | 200 |
| 17 | 20 | 28 | 178 | 200 |
| 18 | 5 | 90 | 344 | 400 |
| 19 | 5 | 90 | 356 | 400 |
| 20 | 10 | 90 | 20 | 400 |
| 21 | 15 | 90 | 12 | 400 |
| 22 | 10 | 90 | 140 | 400 |
| 23 | 0 | 90 | 368 | 400 |
| 24 | 0 | 90 | 372 | 400 |
| 25 | 0 | 90 | 360 | 400 |
| 26 | 5 | 90 | 268 | 400 |
| 27 | 20 | 42 | 558 | 900 |
| 28 | 10 | 90 | 20 | 400 |
| 29 | 15 | 42 | 486 | 900 |
| 30 | 20 | 42 | 513 | 900 |
| 31 | 25 | 42 | 522 | 900 |
| 32 | 25 | 42 | 405 | 900 |
| 33 | 0 | 90 | 312 | 400 |
| 34 | 30 | 42 | 117 | 900 |
| 35 | 10 | 90 | 36 | 400 |
| 36 | 0 | 90 | 324 | 400 |
| 37 | 25 | 42 | 252 | 900 |
| 38 | 15 | 42 | 612 | 900 |
| 39 | 5 | 90 | 160 | 400 |
| 40 | 5 | 90 | 256 | 400 |
| 41 | 20 | 42 | 513 | 900 |
| 42 | 20 | 42 | 612 | 900 |
| 43 | 20 | 42 | 369 | 900 |
| 44 | 15 | 90 | 8 | 400 |
| 45 | 25 | 42 | 369 | 900 |
| 46 | 25 | 42 | 180 | 900 |
| 47 | 5 | 90 | 44 | 400 |
| 48 | 0 | 90 | 280 | 400 |
| 49 | 15 | 42 | 315 | 900 |
| 50 | 10 | 42 | 234 | 900 |
| 51 | 15 | 90 | 12 | 400 |
| 52 | 0 | 90 | 380 | 400 |
| 53 | 0 | 90 | 344 | 400 |
| 54 | 5 | 90 | 384 | 400 |
| 55 | 0 | 90 | 364 | 400 |
| 56 | 5 | 90 | 384 | 400 |
| 57 | 10 | 90 | 40 | 400 |
| 58 | 5 | 90 | 360 | 400 |
| 59 | | | | |
| 60 | | | | |

| | | | | |
|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 10 | 90 | 232 | 400 |
| 4 | 0 | 90 | 320 | 400 |
| 5 | 5 | 90 | 336 | 400 |
| 6 | 0 | 90 | 344 | 400 |
| 7 | 5 | 90 | 332 | 400 |
| 8 | 10 | 90 | 36 | 400 |
| 9 | 5 | 90 | 336 | 400 |
| 10 | 0 | 90 | 324 | 400 |
| 11 | 15 | 90 | 28 | 400 |
| 12 | 10 | 90 | 264 | 400 |
| 13 | 20 | 30 | 752 | 800 |
| 14 | 5 | 90 | 160 | 400 |
| 15 | 0 | 90 | 120 | 400 |
| 16 | 10 | 90 | 88 | 400 |
| 17 | 0 | 90 | 160 | 400 |
| 18 | 0 | 90 | 312 | 400 |
| 19 | 10 | 90 | 96 | 400 |
| 20 | 5 | 90 | 152 | 400 |
| 21 | 15 | 90 | 12 | 400 |
| 22 | 5 | 90 | 184 | 400 |
| 23 | 5 | 90 | 360 | 400 |
| 24 | 15 | 90 | 8 | 400 |
| 25 | 0 | 90 | 388 | 400 |
| 26 | 5 | 90 | 360 | 400 |
| 27 | 0 | 90 | 380 | 400 |
| 28 | 5 | 90 | 368 | 400 |
| 29 | 10 | 90 | 76 | 400 |
| 30 | 10 | 90 | 0 | 400 |
| 31 | 0 | 90 | 368 | 400 |
| 32 | 20 | 27 | 48 | 75 |
| 33 | 25 | 31 | 5 | 60 |
| 34 | 25 | 31 | 31 | 60 |
| 35 | 25 | 31 | 30 | 60 |
| 36 | 25 | 31 | 2 | 60 |
| 37 | 25 | 31 | 27 | 60 |
| 38 | 25 | 31 | 1 | 60 |
| 39 | 20 | 180 | 43 | 150 |
| 40 | 25 | 30 | 66 | 75 |
| 41 | 15 | 30 | 49 | 75 |
| 42 | 30 | 30 | 29 | 75 |
| 43 | 20 | 30 | 53 | 75 |
| 44 | 20 | 30 | 760 | 800 |
| 45 | 20 | 100 | 47 | 200 |
| 46 | 20 | 100 | 0 | 200 |
| 47 | 20 | 100 | 184 | 200 |
| 48 | 20 | 100 | 0 | 200 |
| 49 | 20 | 100 | 0 | 200 |
| 50 | 20 | 100 | 0 | 200 |
| 51 | 20 | 100 | 4 | 200 |
| 52 | 20 | NA | 102 | 150 |
| 53 | 20 | NA | 21 | 150 |
| 54 | 15 | 42 | 150 | 200 |
| 55 | 20 | 100 | 136 | 150 |
| 56 | 10 | 42 | 160 | 200 |
| 57 | 20 | 100 | 150 | 150 |
| 58 | 20 | 100 | 150 | 150 |
| 59 | 20 | 14 | 180 | 200 |
| 60 | | | | |

| | | | | |
|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 42 | 162 | 200 |
| 4 | 20 | 100 | 150 | 150 |
| 5 | 5 | 42 | 0 | 200 |
| 6 | 20 | 14 | 190 | 200 |
| 7 | 30 | 42 | 0 | 200 |
| 8 | 20 | 100 | 106 | 150 |
| 9 | 10 | 42 | 140 | 200 |
| 10 | 15 | 45 | 22 | 120 |
| 11 | 25 | 42 | 154 | 200 |
| 12 | 25 | 10 | 148 | 150 |
| 13 | 25 | 10 | 150 | 150 |
| 14 | 15 | 100 | 64 | 150 |
| 15 | 15 | 100 | 112 | 150 |
| 16 | 15 | 100 | 0 | 150 |
| 17 | 15 | 100 | 57 | 150 |
| 18 | 15 | 100 | 113 | 150 |
| 19 | 15 | 100 | 123 | 150 |
| 20 | 15 | 100 | 122 | 150 |
| 21 | 15 | 100 | 139 | 150 |
| 22 | 20 | 14 | 60 | 75 |
| 23 | 20 | 14 | 64 | 75 |
| 24 | 10 | 22 | 23 | 50 |
| 25 | 20 | 22 | 3 | 50 |
| 26 | 20 | 72 | 430 | 500 |
| 27 | 20 | 30 | 768 | 800 |
| 28 | 20 | 72 | 330 | 500 |
| 29 | 20 | 63 | 2 | 100 |
| 30 | 25 | 21 | 280 | 400 |
| 31 | 25 | 35 | 145 | 200 |
| 32 | 25 | 35 | 61 | 200 |
| 33 | 20 | 56 | 0 | 120 |
| 34 | 20 | 56 | 69 | 120 |
| 35 | 25 | 42 | 168 | 250 |
| 36 | 25 | 30 | 162 | 200 |
| 37 | 25 | 30 | 130 | 200 |
| 38 | 25 | 30 | 118 | 200 |
| 39 | 20 | 20 | 102 | 120 |
| 40 | 25 | 30 | 170 | 200 |
| 41 | 20 | 21 | 174 | 300 |
| 42 | 15 | 21 | 8 | 100 |
| 43 | 10 | 21 | 0 | 100 |
| 44 | 35 | 21 | 3 | 100 |
| 45 | 10 | 21 | 3 | 100 |
| 46 | 35 | 21 | 50 | 100 |
| 47 | 30 | 21 | 75 | 100 |
| 48 | 25 | 21 | 61 | 100 |
| 49 | 15 | 21 | 1 | 100 |
| 50 | 15 | 21 | 0 | 100 |
| 51 | 15 | 21 | 38 | 100 |
| 52 | 30 | 21 | 97 | 100 |
| 53 | 25 | 21 | 95 | 100 |
| 54 | 20 | 21 | 88 | 100 |
| 55 | 20 | 21 | 9 | 100 |
| 56 | 10 | 21 | 10 | 100 |
| 57 | 15 | 21 | 0 | 100 |
| 58 | 10 | 21 | 0 | 100 |
| 59 | 10 | 21 | 0 | 100 |
| 60 | | | | |

| | | | | |
|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 21 | 92 | 100 |
| 4 | 20 | 21 | 10 | 100 |
| 5 | 25 | 21 | 50 | 100 |
| 6 | 35 | 21 | 37 | 100 |
| 7 | 20 | 21 | 74 | 100 |
| 8 | 35 | 21 | 5 | 100 |
| 9 | 30 | 21 | 71 | 100 |
| 10 | 15 | 21 | 27 | 100 |
| 11 | 15 | 21 | 60 | 100 |
| 12 | 15 | 21 | 5 | 100 |
| 13 | 30 | 21 | 97 | 100 |
| 14 | 15 | 231 | 0 | 400 |
| 15 | 5 | 231 | 96 | 400 |
| 16 | 25 | 231 | 20 | 400 |
| 17 | 20 | 231 | 156 | 400 |
| 18 | 5 | 231 | 324 | 400 |
| 19 | 25 | 231 | 0 | 400 |
| 20 | 10 | 231 | 16 | 400 |
| 21 | 15 | 231 | 272 | 400 |
| 22 | 10 | 231 | 384 | 400 |
| 23 | 20 | 231 | 0 | 400 |
| 24 | 10 | 21 | 0 | 100 |
| 25 | 20 | 21 | 10 | 100 |
| 26 | 15 | 21 | 10 | 100 |
| 27 | 30 | 21 | 99 | 100 |
| 28 | 15 | 21 | 1 | 100 |
| 29 | 35 | 21 | 75 | 100 |
| 30 | 25 | 21 | 40 | 100 |
| 31 | 15 | 21 | 48 | 100 |
| 32 | 10 | 21 | 5 | 100 |
| 33 | 30 | 21 | 87 | 100 |
| 34 | 35 | 21 | 5 | 100 |
| 35 | 20 | 21 | 83 | 100 |
| 36 | 25 | 21 | 97 | 100 |
| 37 | 15 | 21 | 0 | 100 |
| 38 | 20 | 21 | 69 | 100 |
| 39 | 30 | 21 | 81 | 100 |
| 40 | 15 | 21 | 35 | 100 |
| 41 | 30 | 21 | 49 | 100 |
| 42 | 10 | 21 | 1 | 100 |
| 43 | 35 | 21 | 0 | 100 |
| 44 | 15 | 21 | 1 | 100 |
| 45 | 25 | 21 | 23 | 100 |
| 46 | 15 | 21 | 0 | 100 |
| 47 | 15 | 21 | 8 | 100 |
| 48 | 25 | 21 | 90 | 100 |
| 49 | 35 | 21 | 0 | 100 |
| 50 | 10 | 21 | 0 | 100 |
| 51 | 20 | 21 | 4 | 100 |
| 52 | 35 | 21 | 0 | 100 |
| 53 | 15 | 21 | 30 | 100 |
| 54 | 35 | 21 | 20 | 100 |
| 55 | 20 | 21 | 8 | 100 |
| 56 | 30 | 21 | 65 | 100 |
| 57 | 15 | 21 | 65 | 100 |
| 58 | 10 | 21 | 1 | 100 |
| 59 | | | | |
| 60 | | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 21 | 43 | 100 |
| 4 | 10 | 21 | 0 | 100 |
| 5 | 25 | 21 | 90 | 100 |
| 6 | 20 | 21 | 83 | 100 |
| 7 | 15 | 21 | 0 | 100 |
| 8 | 15 | 21 | 1 | 100 |
| 9 | 30 | 21 | 86 | 100 |
| 10 | 15 | 140 | 200 | 200 |
| 11 | 35 | 140 | 150 | 200 |
| 12 | 20 | 140 | 200 | 200 |
| 13 | 25 | 140 | 160 | 200 |
| 14 | 30 | 140 | 150 | 200 |
| 15 | 5 | 140 | 182 | 200 |
| 16 | 10 | 140 | 200 | 200 |
| 17 | 25 | 140 | 180 | 200 |
| 18 | 10 | 140 | 188 | 200 |
| 19 | 15 | 140 | 192 | 200 |
| 20 | 20 | 140 | 188 | 200 |
| 21 | 30 | 140 | 180 | 200 |
| 22 | 5 | 140 | 188 | 200 |
| 23 | 35 | 140 | 176 | 200 |
| 24 | 15 | 45 | 112 | 120 |
| 25 | 25 | 45 | 112 | 120 |
| 26 | 25 | 45 | 112 | 120 |
| 27 | 20 | 45 | 112 | 120 |
| 28 | 25 | 28 | 247 | 400 |
| 29 | 25 | 28 | 303 | 400 |
| 30 | 25 | 28 | 337 | 400 |
| 31 | 25 | 21 | 16 | 400 |
| 32 | 25 | 28 | 157 | 400 |
| 33 | 25 | 28 | 366 | 400 |
| 34 | 25 | 28 | 312 | 400 |
| 35 | 25 | 28 | 29 | 400 |
| 36 | 25 | 28 | 357 | 400 |
| 37 | 25 | 28 | 373 | 400 |
| 38 | 25 | 28 | 74 | 400 |
| 39 | 25 | 28 | 314 | 400 |
| 40 | 25 | 28 | 102 | 400 |
| 41 | 15 | 30 | 106 | 150 |
| 42 | 25 | 28 | 26 | 400 |
| 43 | 25 | 28 | 390 | 400 |
| 44 | 25 | 28 | 163 | 400 |
| 45 | 25 | 28 | 368 | 400 |
| 46 | 25 | 28 | 367 | 400 |
| 47 | 25 | 28 | 366 | 400 |
| 48 | 25 | 28 | 348 | 400 |
| 49 | 25 | 28 | 32 | 400 |
| 50 | 25 | 28 | 321 | 400 |
| 51 | 25 | 28 | 366 | 400 |
| 52 | 25 | 28 | 390 | 400 |
| 53 | 25 | 30 | 30 | 150 |
| 54 | 25 | 28 | 380 | 400 |
| 55 | 5 | 21 | 0 | 400 |
| 56 | 25 | 28 | 375 | 400 |
| 57 | 25 | 28 | 173 | 400 |
| 58 | 25 | 28 | 371 | 400 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 28 | 347 | 400 |
| 4 | 25 | 28 | 145 | 400 |
| 5 | 25 | 28 | 219 | 400 |
| 6 | 20 | 28 | 180 | 200 |
| 7 | 25 | 28 | 126 | 400 |
| 8 | 25 | 28 | 222 | 400 |
| 9 | 20 | 28 | 180 | 200 |
| 10 | 25 | 28 | 373 | 400 |
| 11 | 25 | 28 | 99 | 400 |
| 12 | 25 | 21 | 368 | 400 |
| 13 | 15 | 30 | 68 | 150 |
| 14 | 15 | 30 | 70 | 150 |
| 15 | 25 | 28 | 314 | 400 |
| 16 | 25 | 28 | 66 | 400 |
| 17 | 25 | 28 | 384 | 400 |
| 18 | 20 | 28 | 180 | 200 |
| 19 | 25 | 28 | 116 | 400 |
| 20 | 25 | 28 | 296 | 400 |
| 21 | 25 | 28 | 361 | 400 |
| 22 | 20 | 28 | 180 | 200 |
| 23 | 25 | 28 | 157 | 400 |
| 24 | 25 | 28 | 324 | 400 |
| 25 | 25 | 28 | 148 | 400 |
| 26 | 15 | 30 | 94 | 150 |
| 27 | 25 | 28 | 245 | 400 |
| 28 | 25 | 137 | 37 | 45 |
| 29 | 25 | 137 | 17 | 45 |
| 30 | 25 | 137 | 8 | 45 |
| 31 | 25 | 137 | 9 | 45 |
| 32 | 25 | 137 | 36 | 45 |
| 33 | 25 | 137 | 32 | 45 |
| 34 | 25 | 16 | 43 | 150 |
| 35 | 25 | 16 | 45 | 200 |
| 36 | 15 | 21 | 116 | 125 |
| 37 | 25 | 21 | 79 | 125 |
| 38 | 15 | 60 | 150 | 150 |
| 39 | 20 | 60 | 144 | 150 |
| 40 | 5 | 60 | 135 | 150 |
| 41 | 15 | 60 | 72 | 150 |
| 42 | 25 | 60 | 144 | 150 |
| 43 | 10 | 60 | 140 | 150 |
| 44 | 30 | 365 | 78 | 200 |
| 45 | 20 | 365 | 2 | 200 |
| 46 | 25 | 365 | 78 | 200 |
| 47 | 20 | 365 | 5 | 200 |
| 48 | 5 | 365 | 2 | 200 |
| 49 | 20 | 365 | 2 | 200 |
| 50 | 15 | 365 | 2 | 200 |
| 51 | 10 | 365 | 2 | 200 |
| 52 | 20 | 365 | 193 | 200 |
| 53 | 25 | 365 | 74 | 200 |
| 54 | 10 | 365 | 2 | 200 |
| 55 | 15 | 365 | 2 | 200 |
| 56 | 15 NA | | 0 | 100 |
| 57 | 15 NA | | 0 | 100 |
| 58 | 15 NA | | 10 | 100 |
| 59 | | | | |
| 60 | | | | |

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|----|----|-----|------|------|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 | NA | 0 | 100 |
| 4 | 15 | NA | 0 | 100 |
| 5 | 15 | NA | 0 | 100 |
| 6 | 15 | NA | 0 | 100 |
| 7 | 15 | NA | 0 | 100 |
| 8 | 15 | 30 | 1068 | 1200 |
| 9 | 20 | 30 | 0 | 550 |
| 10 | 10 | 30 | 726 | 1100 |
| 11 | 20 | 30 | 1001 | 1100 |
| 12 | 20 | 30 | 1045 | 1100 |
| 13 | 10 | 30 | 682 | 1100 |
| 14 | 25 | 123 | 10 | 50 |
| 15 | 15 | 42 | 0 | 75 |
| 16 | 15 | 42 | 75 | 75 |
| 17 | 15 | 42 | 72 | 75 |
| 18 | 15 | 42 | 14 | 75 |
| 19 | 15 | 42 | 0 | 75 |
| 20 | 15 | 42 | 19 | 75 |
| 21 | 15 | 42 | 0 | 75 |
| 22 | 15 | 42 | 42 | 75 |
| 23 | 15 | 42 | 0 | 75 |
| 24 | 15 | 42 | 1 | 75 |
| 25 | 15 | 42 | 29 | 75 |
| 26 | 15 | 42 | 25 | 75 |
| 27 | 15 | 42 | 68 | 75 |
| 28 | 15 | 42 | 0 | 75 |
| 29 | 15 | 42 | 0 | 75 |
| 30 | 15 | 42 | 72 | 75 |
| 31 | 15 | 42 | 2 | 75 |
| 32 | 15 | 42 | 0 | 75 |
| 33 | 15 | 42 | 0 | 75 |
| 34 | 15 | 42 | 3 | 75 |
| 35 | 15 | 42 | 24 | 75 |
| 36 | 15 | 42 | 38 | 75 |
| 37 | 15 | 42 | 0 | 75 |
| 38 | 15 | 42 | 32 | 75 |
| 39 | 15 | 42 | 7 | 75 |
| 40 | 15 | 42 | 0 | 75 |
| 41 | 15 | 42 | 0 | 75 |
| 42 | 15 | 42 | 0 | 75 |
| 43 | 15 | 42 | 0 | 75 |
| 44 | 15 | 42 | 0 | 75 |
| 45 | 15 | 42 | 67 | 75 |
| 46 | 15 | 42 | 2 | 75 |
| 47 | 15 | 42 | 2 | 75 |
| 48 | 15 | 42 | 0 | 75 |
| 49 | 15 | 42 | 0 | 75 |
| 50 | 15 | 42 | 2 | 75 |
| 51 | 15 | 42 | 62 | 75 |
| 52 | 15 | 42 | 0 | 75 |
| 53 | 15 | 42 | 72 | 75 |
| 54 | 15 | 42 | 0 | 75 |
| 55 | 15 | 42 | 10 | 75 |
| 56 | 15 | 42 | 2 | 75 |
| 57 | 15 | 42 | 3 | 75 |
| 58 | 15 | 42 | 0 | 75 |
| 59 | 15 | 42 | 38 | 75 |
| 60 | 15 | 42 | | |

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|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 | 42 | 0 | 75 |
| 4 | 15 | 42 | 0 | 75 |
| 5 | 15 | 42 | 0 | 75 |
| 6 | 15 | 42 | 5 | 75 |
| 7 | 15 | 42 | 0 | 75 |
| 8 | 15 | 42 | 65 | 75 |
| 9 | 15 | 42 | 29 | 75 |
| 10 | 15 | 42 | 1 | 75 |
| 11 | 15 | 42 | 0 | 75 |
| 12 | 15 | 42 | 61 | 75 |
| 13 | 15 | 42 | 0 | 75 |
| 14 | 15 | 42 | 44 | 75 |
| 15 | 15 | 42 | 40 | 75 |
| 16 | 15 | 42 | 3 | 75 |
| 17 | 15 | 42 | 16 | 75 |
| 18 | 15 | 42 | 37 | 75 |
| 19 | 15 | 42 | 10 | 75 |
| 20 | 15 | 42 | 3 | 75 |
| 21 | 15 | 42 | 0 | 75 |
| 22 | 15 | 42 | 58 | 75 |
| 23 | 15 | 42 | 35 | 75 |
| 24 | 15 | 42 | 0 | 75 |
| 25 | 15 | 42 | 61 | 75 |
| 26 | 15 | 42 | 70 | 75 |
| 27 | 15 | 42 | 59 | 75 |
| 28 | 15 | 42 | 8 | 75 |
| 29 | 15 | 42 | 22 | 75 |
| 30 | 15 | 42 | 0 | 75 |
| 31 | 15 | 42 | 0 | 75 |
| 32 | 15 | 42 | 0 | 75 |
| 33 | 15 | 42 | 1 | 75 |
| 34 | 15 | 42 | 0 | 75 |
| 35 | 15 | 42 | 0 | 75 |
| 36 | 15 | 42 | 0 | 75 |
| 37 | 15 | 42 | 0 | 75 |
| 38 | 15 | 42 | 0 | 75 |
| 39 | 15 | 42 | 40 | 75 |
| 40 | 15 | 42 | 11 | 75 |
| 41 | 15 | 42 | 14 | 75 |
| 42 | 15 | 42 | 14 | 75 |
| 43 | 15 | 42 | 0 | 75 |
| 44 | 25 | 45 | 100 | 100 |
| 45 | 25 | 45 | 72 | 100 |
| 46 | 25 | 45 | 92 | 100 |
| 47 | 15 | 42 | 43 | 75 |
| 48 | 15 | 42 | 26 | 75 |
| 49 | 15 | 42 | 7 | 75 |
| 50 | 15 | 42 | 0 | 75 |
| 51 | 15 | 42 | 2 | 75 |
| 52 | 15 | 42 | 0 | 75 |
| 53 | 15 | 42 | 2 | 75 |
| 54 | 15 | 42 | 0 | 75 |
| 55 | 15 | 42 | 29 | 75 |
| 56 | 15 | 42 | 0 | 75 |
| 57 | 15 | 42 | 11 | 75 |
| 58 | 15 | 42 | 72 | 75 |
| 59 | 15 | 42 | 32 | 75 |
| 60 | 15 | 42 | | |

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|----|-------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 | 42 | 38 | 75 |
| 4 | 15 | 42 | 0 | 75 |
| 5 | 15 | 42 | 0 | 75 |
| 6 | 15 | 42 | 0 | 75 |
| 7 | 15 | 42 | 0 | 75 |
| 8 | 15 | 42 | 2 | 75 |
| 9 | 15 | 42 | 44 | 75 |
| 10 | 15 | 42 | 70 | 75 |
| 11 | 15 | 42 | 2 | 75 |
| 12 | 15 | 42 | 37 | 75 |
| 13 | 15 | 42 | 0 | 75 |
| 14 | 15 | 42 | 40 | 75 |
| 15 | 15 | 42 | 17 | 75 |
| 16 | 15 | 42 | 0 | 75 |
| 17 | 15 | 42 | 0 | 75 |
| 18 | 15 | 42 | 0 | 75 |
| 19 | 15 | 42 | 0 | 75 |
| 20 | 15 | 42 | 68 | 75 |
| 21 | 15 | 42 | 1 | 75 |
| 22 | 15 | 42 | 0 | 75 |
| 23 | 15 | 42 | 0 | 75 |
| 24 | 15 | 42 | 0 | 75 |
| 25 | 15 | 42 | 6 | 75 |
| 26 | 15 | 42 | 38 | 75 |
| 27 | 15 | 42 | 2 | 75 |
| 28 | 15 | 42 | 0 | 75 |
| 29 | 15 | 42 | 135 | 150 |
| 30 | 15 | 56 | 128 | 150 |
| 31 | 20 NA | | 90 | 100 |
| 32 | 15 | 56 | 135 | 150 |
| 33 | 15 | 42 | 142 | 150 |
| 34 | 15 | 60 | 50 | 100 |
| 35 | 15 | 60 | 0 | 100 |
| 36 | 15 | 60 | 75 | 100 |
| 37 | 25 | 60 | 80 | 100 |
| 38 | 25 | 60 | 0 | 100 |
| 39 | 20 | 28 | 90 | 100 |
| 40 | 20 | 98 | 0 | 150 |
| 41 | 20 | 98 | 4 | 150 |
| 42 | 20 | 98 | 6 | 150 |
| 43 | 20 | 98 | 20 | 150 |
| 44 | 20 | 98 | 34 | 150 |
| 45 | 20 | 98 | 38 | 150 |
| 46 | 25 | 36 | 66 | 100 |
| 47 | 20 | 9 | 31 | 56 |
| 48 | 20 | 9 | 47 | 56 |
| 49 | 20 | 60 | 4 | 40 |
| 50 | 10 | 196 | 2 | 100 |
| 51 | 15 | 196 | 88 | 100 |
| 52 | 15 | 28 | 30 | 100 |
| 53 | 10 | 28 | 80 | 100 |
| 54 | 5 | 28 | 4 | 100 |
| 55 | 15 | 196 | 85 | 100 |
| 56 | 5 | 28 | 8 | 100 |
| 57 | 15 | 28 | 33 | 100 |
| 58 | 10 | 196 | 4 | 100 |
| 59 | 15 | 28 | 13 | 100 |
| 60 | | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 | 196 | 40 | 100 |
| 4 | 15 | 28 | 50 | 100 |
| 5 | 15 | 28 | 30 | 100 |
| 6 | 5 | 28 | 0 | 100 |
| 7 | 10 | 28 | 59 | 100 |
| 8 | 10 | 28 | 73 | 100 |
| 9 | 5 | 196 | 0 | 100 |
| 10 | 10 | 28 | 95 | 100 |
| 11 | 15 | 196 | 63 | 100 |
| 12 | 5 | 28 | 0 | 100 |
| 13 | 15 | 28 | 56 | 100 |
| 14 | 5 | 196 | 0 | 100 |
| 15 | 15 | 28 | 20 | 100 |
| 16 | 15 | 28 | 30 | 100 |
| 17 | 20 | 63 | 0 | 120 |
| 18 | 20 | 63 | 118 | 120 |
| 19 | 20 | 63 | 101 | 120 |
| 20 | 20 | 63 | 0 | 120 |
| 21 | 20 | 63 | 0 | 120 |
| 22 | 20 | 63 | 0 | 120 |
| 23 | 20 | 63 | 54 | 120 |
| 24 | 20 | 300 | 115 | 120 |
| 25 | 25 | 300 | 12 | 120 |
| 26 | 5 | 300 | 0 | 120 |
| 27 | 10 | 300 | 38 | 120 |
| 28 | 15 | 300 | 91 | 120 |
| 29 | 15 | 300 | 109 | 120 |
| 30 | 25 | 300 | 48 | 120 |
| 31 | 10 | 56 | 198 | 250 |
| 32 | 15 | 56 | 198 | 250 |
| 33 | 15 | 56 | 182 | 250 |
| 34 | 10 | 56 | 182 | 250 |
| 35 | 10 | 56 | 100 | 250 |
| 36 | 15 | 56 | 100 | 250 |
| 37 | 15 | 56 | 2 | 250 |
| 38 | 10 | 56 | 2 | 250 |
| 39 | 25 | 21 | 279 | 300 |
| 40 | 25 | 21 | 282 | 300 |
| 41 | 25 | 21 | 288 | 300 |
| 42 | 25 | 21 | 285 | 300 |
| 43 | 25 | 21 | 288 | 300 |
| 44 | 25 | 60 | 95 | 250 |
| 45 | 25 | 60 | 140 | 250 |
| 46 | 25 | 60 | 155 | 250 |
| 47 | 25 | 60 | 138 | 250 |
| 48 | 25 | 60 | 125 | 250 |
| 49 | 25 | 60 | 125 | 250 |
| 50 | 25 | 60 | 112 | 250 |
| 51 | 25 | 60 | 142 | 250 |
| 52 | 25 | 21 | 288 | 300 |
| 53 | 25 | 21 | 276 | 300 |
| 54 | 25 | 21 | 282 | 300 |
| 55 | 25 | 21 | 291 | 300 |
| 56 | 25 | 21 | 279 | 300 |
| 57 | 20 | 63 | 98 | 150 |
| 58 | 10 | 20 | 248 | 450 |
| 59 | 25 | 20 | 450 | 450 |
| 60 | | | | |

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|----|------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 10 | 20 | 243 | 450 |
| 4 | 25 | 20 | 450 | 450 |
| 5 | 10 | 20 | 292 | 450 |
| 6 | 25 | 20 | 450 | 450 |
| 7 | 20 | 14 | 116 | 200 |
| 8 | 25 | 60 | 95 | 250 |
| 9 | 25 | 60 | 55 | 250 |
| 10 | 20 | 14 | 158 | 200 |
| 11 | 15 | 30 | 41 | 100 |
| 12 | 20 | 30 | 30 | 100 |
| 13 | 20 | 30 | 81 | 100 |
| 14 | 15 | 30 | 77 | 100 |
| 15 | 15 | 30 | 73 | 100 |
| 16 | 20 | 30 | 70 | 100 |
| 17 | 15 | 30 | 68 | 100 |
| 18 | 20 | 30 | 60 | 100 |
| 19 | 10 | 90 | 112 | 200 |
| 20 | 20 | 90 | 32 | 200 |
| 21 | 15 | 90 | 158 | 200 |
| 22 | 10 | 90 | 82 | 200 |
| 23 | 15 | 90 | 150 | 200 |
| 24 | 20 | 90 | 14 | 200 |
| 25 | 10 | 28 | 135 | 150 |
| 26 | 10 | 28 | 0 | 150 |
| 27 | 10 | 28 | 136 | 150 |
| 28 | 10 | 28 | 0 | 150 |
| 29 | 10 | 28 | 0 | 150 |
| 30 | 10 | 28 | 119 | 150 |
| 31 | 25 | 60 | 55 | 250 |
| 32 | 25 | 60 | 30 | 250 |
| 33 | 25 | 60 | 12 | 250 |
| 34 | 25 | 60 | 65 | 250 |
| 35 | 10 | 28 | 0 | 150 |
| 36 | 10 | 28 | 94 | 150 |
| 37 | 10 | 28 | 0 | 150 |
| 38 | 10 | 28 | 111 | 150 |
| 39 | 10 | 28 | 0 | 150 |
| 40 | 10 | 28 | 118 | 150 |
| 41 | 10 | 28 | 0 | 150 |
| 42 | 10 | 28 | 38 | 150 |
| 43 | 20 | 28 | 47 | 50 |
| 44 | 20 | 28 | 44 | 50 |
| 45 | 20 | 28 | 50 | 50 |
| 46 | 15 | 126 | 21 | 160 |
| 47 | 15 | 126 | 351 | 400 |
| 48 | 15 | 126 | 34 | 400 |
| 49 | 15 | 126 | 283 | 400 |
| 50 | 15 | 56 | 0 | 1 |
| 51 | 20 | 60 | 195 | 300 |
| 52 | 20 | 60 | 234 | 300 |
| 53 | 5 NA | | 59 | 60 |
| 54 | 25 | 20 | 39 | 150 |
| 55 | 10 | 28 | 40 | 100 |
| 56 | 5 | 28 | 0 | 100 |
| 57 | 15 | 28 | 45 | 100 |
| 58 | 20 | 28 | 10 | 100 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 28 | 11 | 100 |
| 4 | 5 | 28 | 0 | 100 |
| 5 | 10 | 28 | 89 | 100 |
| 6 | 25 | 28 | 0 | 100 |
| 7 | 15 | 28 | 100 | 100 |
| 8 | 25 | 28 | 0 | 100 |
| 9 | 15 | 28 | 7 | 100 |
| 10 | 15 | 28 | 100 | 100 |
| 11 | 25 | 60 | 100 | 250 |
| 12 | 25 | 60 | 25 | 250 |
| 13 | 5 | 700 | 0 | 50 |
| 14 | 20 | 700 | 40 | 50 |
| 15 | 0 | 700 | 0 | 50 |
| 16 | 15 | 700 | 22 | 50 |
| 17 | 10 | 700 | 0 | 50 |
| 18 | 25 | 700 | 2 | 50 |
| 19 | 10 NA | | 108 | 120 |
| 20 | 25 | 28 | 264 | 300 |
| 21 | 25 | 28 | 285 | 300 |
| 22 | 25 | 28 | 291 | 300 |
| 23 | 25 | 28 | 258 | 300 |
| 24 | 25 | 28 | 276 | 300 |
| 25 | 25 | 28 | 243 | 300 |
| 26 | 25 | 28 | 237 | 300 |
| 27 | 25 | 28 | 276 | 300 |
| 28 | 25 | 28 | 294 | 300 |
| 29 | 25 | 28 | 288 | 300 |
| 30 | 25 | 20 | 155 | 200 |
| 31 | 20 | 35 | 100 | 150 |
| 32 | 25 | 35 | 110 | 150 |
| 33 | 25 | 35 | 147 | 150 |
| 34 | 20 | 35 | 141 | 150 |
| 35 | 25 | 35 | 112 | 150 |
| 36 | 30 | 35 | 148 | 150 |
| 37 | 25 | 35 | 111 | 150 |
| 38 | 30 | 35 | 141 | 150 |
| 39 | 20 | 28 | 200 | 200 |
| 40 | 10 | 28 | 200 | 200 |
| 41 | 15 | 28 | 200 | 200 |
| 42 | 5 | 28 | 184 | 200 |
| 43 | 20 | 28 | 81 | 96 |
| 44 | 20 | 28 | 61 | 96 |
| 45 | 20 | 21 | 36 | 72 |
| 46 | 20 | 21 | 17 | 72 |
| 47 | 20 | 21 | 35 | 72 |
| 48 | 25 NA | | 18 | 150 |
| 49 | 25 NA | | 0 | 150 |
| 50 | 20 | 48 | 70 | 100 |
| 51 | 20 | 48 | 40 | 100 |
| 52 | 20 | 48 | 40 | 100 |
| 53 | 20 | 48 | 80 | 100 |
| 54 | 20 | 48 | 85 | 100 |
| 55 | 20 | 48 | 49 | 100 |
| 56 | 20 | 48 | 30 | 100 |
| 57 | 20 | 48 | 77 | 100 |
| 58 | 20 | 48 | 30 | 100 |
| 59 | 20 | 48 | 30 | 100 |
| 60 | 20 | 48 | 30 | 100 |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 48 | 72 | 100 |
| 4 | 20 | 48 | 40 | 100 |
| 5 | 20 | 48 | 80 | 100 |
| 6 | 20 | 28 | 75 | 96 |
| 7 | 20 | 28 | 59 | 96 |
| 8 | 5 | 210 | 254 | 400 |
| 9 | 5 | 210 | 346 | 400 |
| 10 | 5 | 210 | 296 | 400 |
| 11 | 5 | 210 | 344 | 400 |
| 12 | 5 | 210 | 355 | 400 |
| 13 | 5 | 210 | 355 | 400 |
| 14 | 25 | 52 | 0 | 125 |
| 15 | 10 | 52 | 116 | 125 |
| 16 | 15 | 52 | 125 | 125 |
| 17 | 15 | 52 | 125 | 125 |
| 18 | 25 | 52 | 0 | 125 |
| 19 | 20 | 52 | 119 | 125 |
| 20 | 10 | 52 | 112 | 125 |
| 21 | 20 | 52 | 38 | 125 |
| 22 | 15 | 120 | 106 | 150 |
| 23 | 20 | 20 | 93 | 100 |
| 24 | 20 | 50 | 53 | 150 |
| 25 | 15 | 50 | 92 | 150 |
| 26 | 10 | 50 | 106 | 150 |
| 27 | 20 | 50 | 119 | 150 |
| 28 | 10 | 50 | 137 | 150 |
| 29 | 25 | 50 | 16 | 150 |
| 30 | 10 | 50 | 122 | 150 |
| 31 | 5 | 50 | 134 | 150 |
| 32 | 20 | 28 | 79 | 96 |
| 33 | 20 | 28 | 60 | 96 |
| 34 | 10 | 50 | 60 | 150 |
| 35 | 10 | 50 | 103 | 150 |
| 36 | 15 | 50 | 75 | 150 |
| 37 | 25 | 50 | 18 | 150 |
| 38 | 20 | 50 | 57 | 150 |
| 39 | 20 | 50 | 83 | 150 |
| 40 | 10 | 50 | 86 | 150 |
| 41 | 5 | 50 | 97 | 150 |
| 42 | 10 | 50 | 63 | 150 |
| 43 | 25 | 50 | 10 | 150 |
| 44 | 15 | 50 | 56 | 150 |
| 45 | 10 | 50 | 83 | 150 |
| 46 | 20 | 50 | 81 | 150 |
| 47 | 20 | 50 | 33 | 150 |
| 48 | 10 | 50 | 90 | 150 |
| 49 | 5 | 50 | 92 | 150 |
| 50 | 20 | 84 | 15 | 26 |
| 51 | 5 | 84 | 0 | 26 |
| 52 | 10 | 84 | 0 | 26 |
| 53 | 15 | 84 | 0 | 26 |
| 54 | 20 | 84 | 1 | 26 |
| 55 | 20 | 84 | 105 | 150 |
| 56 | 15 | 84 | 0 | 150 |
| 57 | 5 | 84 | 0 | 150 |
| 58 | 10 | 84 | 0 | 150 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 84 | 2 | 150 |
| 4 | 15 | 84 | 8 | 50 |
| 5 | 10 | 84 | 2 | 50 |
| 6 | 5 | 84 | 0 | 50 |
| 7 | 20 | 84 | 44 | 50 |
| 8 | 25 | 84 | 36 | 50 |
| 9 | 10 | 14 | 22 | 150 |
| 10 | 30 | 14 | 0 | 150 |
| 11 | 20 | 14 | 0 | 150 |
| 12 | 10 | 14 | 30 | 150 |
| 13 | 15 | 14 | 27 | 150 |
| 14 | 15 | 14 | 15 | 150 |
| 15 | 10 | 14 | 14 | 150 |
| 16 | 25 | 14 | 7 | 150 |
| 17 | 20 | 14 | 36 | 150 |
| 18 | 10 | 14 | 0 | 150 |
| 19 | 20 | 14 | 75 | 150 |
| 20 | 25 | 14 | 76 | 150 |
| 21 | 10 | 14 | 1 | 150 |
| 22 | 25 | 14 | 4 | 150 |
| 23 | 10 | 14 | 0 | 150 |
| 24 | 15 | 14 | 24 | 150 |
| 25 | 20 | 14 | 2 | 150 |
| 26 | 10 | 14 | 0 | 150 |
| 27 | 15 | 14 | 1 | 150 |
| 28 | 25 | 14 | 74 | 150 |
| 29 | 20 | 14 | 9 | 150 |
| 30 | 15 | 14 | 87 | 150 |
| 31 | 10 | 14 | 0 | 150 |
| 32 | 10 | 14 | 0 | 150 |
| 33 | 20 | 14 | 0 | 150 |
| 34 | 15 | 14 | 123 | 150 |
| 35 | 15 | 14 | 8 | 150 |
| 36 | 15 | 14 | 56 | 150 |
| 37 | 20 | 14 | 25 | 150 |
| 38 | 10 | 14 | 142 | 150 |
| 39 | 20 | 14 | 74 | 150 |
| 40 | 20 | 14 | 74 | 150 |
| 41 | 20 NA | | 400 | 400 |
| 42 | 15 | 60 | 84 | 100 |
| 43 | 15 | 60 | 64 | 100 |
| 44 | 15 | 60 | 53 | 100 |
| 45 | 20 | 28 | 63 | 96 |
| 46 | 20 | 28 | 75 | 96 |
| 47 | 15 | 60 | 29 | 100 |
| 48 | 15 | 60 | 0 | 100 |
| 49 | 15 | 60 | 46 | 100 |
| 50 | 15 | 60 | 25 | 100 |
| 51 | 15 | 60 | 5 | 100 |
| 52 | 15 | 60 | 48 | 100 |
| 53 | 15 | 60 | 26 | 100 |
| 54 | 15 | 45 | 89 | 120 |
| 55 | 35 | 45 | 43 | 120 |
| 56 | 25 | 45 | 85 | 120 |
| 57 | 5 | 45 | 85 | 120 |
| 58 | 30 | 45 | 59 | 120 |
| 59 | 20 | 45 | 93 | 120 |
| 60 | | | | |

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|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 10 | 45 | 96 | 120 |
| 4 | 20 | 45 | 93 | 120 |
| 5 | 30 | 45 | 68 | 120 |
| 6 | 5 | 45 | 71 | 120 |
| 7 | 10 | 45 | 100 | 120 |
| 8 | 35 | 45 | 74 | 120 |
| 9 | 15 | 45 | 99 | 120 |
| 10 | 25 | 45 | 85 | 120 |
| 11 | 30 | 45 | 78 | 120 |
| 12 | 15 | 45 | 22 | 120 |
| 13 | 25 | 45 | 88 | 120 |
| 14 | 5 | 45 | 1 | 120 |
| 15 | 35 | 45 | 67 | 120 |
| 16 | 20 | 45 | 84 | 120 |
| 17 | 10 | 45 | 4 | 120 |
| 18 | 35 | 45 | 14 | 120 |
| 19 | 25 | 45 | 64 | 120 |
| 20 | 15 | 45 | 80 | 120 |
| 21 | 10 | 45 | 71 | 120 |
| 22 | 20 | 45 | 90 | 120 |
| 23 | 30 | 45 | 57 | 120 |
| 24 | 5 | 45 | 58 | 120 |
| 25 | 25 | 21 | 113 | 120 |
| 26 | 20 | 21 | 33 | 50 |
| 27 | 25 | 32 | 67 | 100 |
| 28 | 25 | 32 | 24 | 40 |
| 29 | 25 | 32 | 82 | 100 |
| 30 | 20 | 28 | 0 | 400 |
| 31 | 20 | 28 | 212 | 400 |
| 32 | 20 | 28 | 396 | 400 |
| 33 | 20 | 78 | 94 | 100 |
| 34 | 25 | 61 | 50 | 60 |
| 35 | 25 | 61 | 44 | 60 |
| 36 | 25 | 61 | 54 | 60 |
| 37 | 10 | 14 | 105 | 150 |
| 38 | 25 | 14 | 24 | 150 |
| 39 | 20 | 14 | 132 | 150 |
| 40 | 20 | 14 | 38 | 150 |
| 41 | 30 | 14 | 58 | 150 |
| 42 | 20 | 14 | 112 | 150 |
| 43 | 25 | 14 | 75 | 150 |
| 44 | 25 | 14 | 15 | 150 |
| 45 | 30 | 14 | 15 | 150 |
| 46 | 15 | 14 | 124 | 150 |
| 47 | 15 | 14 | 112 | 150 |
| 48 | 30 | 14 | 118 | 150 |
| 49 | 30 | 14 | 66 | 150 |
| 50 | 15 | 14 | 45 | 150 |
| 51 | 20 | 14 | 32 | 150 |
| 52 | 25 | 14 | 92 | 150 |
| 53 | 20 | 14 | 48 | 150 |
| 54 | 10 | 14 | 30 | 150 |
| 55 | 30 | 14 | 14 | 150 |
| 56 | 20 | 14 | 140 | 150 |
| 57 | 15 | 14 | 38 | 150 |
| 58 | 10 | 14 | 148 | 150 |
| 59 | | | | |
| 60 | | | | |

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|----|----|-----|-------|-------|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 14 | 116 | 150 |
| 4 | 25 | 30 | 144 | 300 |
| 5 | 25 | 30 | 33 | 300 |
| 6 | 25 | 30 | 111 | 300 |
| 7 | 25 | 30 | 285 | 300 |
| 8 | 25 | 7 | 150 | 150 |
| 9 | 25 | 21 | 105 | 117 |
| 10 | 20 | 91 | 125 | 144 |
| 11 | 20 | 91 | 121 | 144 |
| 12 | 25 | 210 | 64 | 150 |
| 13 | 25 | 210 | 103 | 150 |
| 14 | 20 | 33 | 150 | 150 |
| 15 | 5 | 33 | 111 | 150 |
| 16 | 20 | 33 | 120 | 150 |
| 17 | 15 | 33 | 132 | 150 |
| 18 | 10 | 33 | 135 | 150 |
| 19 | 10 | 33 | 105 | 150 |
| 20 | 10 | 33 | 30 | 150 |
| 21 | 10 | 33 | 142 | 150 |
| 22 | 15 | 33 | 135 | 150 |
| 23 | 25 | 240 | 1 | 200 |
| 24 | 25 | 240 | 1 | 200 |
| 25 | 25 | 240 | 198 | 200 |
| 26 | 25 | 240 | 179 | 200 |
| 27 | 25 | 240 | 5 | 200 |
| 28 | 25 | 240 | 178 | 200 |
| 29 | 20 | 21 | 18334 | 19100 |
| 30 | 20 | 75 | 11 | 200 |
| 31 | 20 | 75 | 90 | 200 |
| 32 | 20 | 75 | 11 | 200 |
| 33 | 20 | 14 | 208 | 400 |
| 34 | 25 | 55 | 26 | 60 |
| 35 | 20 | 28 | 109 | 160 |
| 36 | 20 | 28 | 101 | 160 |
| 37 | 25 | 21 | 117 | 121 |
| 38 | 20 | 56 | 107 | 120 |
| 39 | 20 | 56 | 92 | 120 |
| 40 | 20 | 56 | 102 | 120 |
| 41 | 20 | 56 | 77 | 120 |
| 42 | 20 | 56 | 86 | 120 |
| 43 | 20 | 56 | 88 | 120 |
| 44 | 20 | 34 | 106 | 150 |
| 45 | 25 | 49 | 152 | 400 |
| 46 | 25 | 35 | 152 | 400 |
| 47 | 5 | 140 | 276 | 400 |
| 48 | 5 | 140 | 336 | 400 |
| 49 | 5 | 140 | 320 | 400 |
| 50 | 15 | 45 | 20 | 100 |
| 51 | 10 | 45 | 81 | 100 |
| 52 | 5 | 35 | 0 | 30 |
| 53 | 15 | 35 | 27 | 30 |
| 54 | 25 | 35 | 30 | 30 |
| 55 | 10 | 35 | 6 | 30 |
| 56 | 15 | 35 | 20 | 30 |
| 57 | 20 | 35 | 30 | 30 |
| 58 | 15 | 35 | 28 | 30 |
| 59 | 20 | 35 | 28 | 30 |
| 60 | 15 | 35 | 28 | 30 |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 14 | 86 | 150 |
| 4 | 20 | 28 | 77 | 101 |
| 5 | 25 | 40 | 71 | 90 |
| 6 | 5 | 40 | 33 | 90 |
| 7 | 15 | 40 | 72 | 90 |
| 8 | 20 | 560 | 0 | 200 |
| 9 | 20 | 560 | 0 | 80 |
| 10 | 10 | 560 | 158 | 200 |
| 11 | 5 | 560 | 0 | 80 |
| 12 | 15 | 560 | 40 | 80 |
| 13 | 15 | 560 | 132 | 200 |
| 14 | 10 | 560 | 0 | 80 |
| 15 | 5 | 560 | 10 | 200 |
| 16 | 20 | 90 | 150 | 150 |
| 17 | 5 | 90 | 0 | 150 |
| 18 | 10 | 90 | 75 | 150 |
| 19 | 10 | 90 | 108 | 150 |
| 20 | 25 | 90 | 96 | 150 |
| 21 | 30 | 90 | 14 | 150 |
| 22 | 20 | 90 | 75 | 150 |
| 23 | 20 | 90 | 75 | 150 |
| 24 | 20 | 90 | 75 | 150 |
| 25 | 20 | 90 | 108 | 150 |
| 26 | 15 | 90 | 75 | 150 |
| 27 | 15 | 90 | 80 | 150 |
| 28 | 25 | 90 | 20 | 150 |
| 29 | 25 | 42 | 31 | 120 |
| 30 | 25 | 42 | 50 | 120 |
| 31 | 25 | 30 | 8 | 150 |
| 32 | 25 | 30 | 46 | 150 |
| 33 | 25 | 89 | 78 | 80 |
| 34 | 15 | 30 | 144 | 150 |
| 35 | 30 | 30 | 30 | 150 |
| 36 | 15 | 30 | 69 | 150 |
| 37 | 20 | 30 | 112 | 150 |
| 38 | 25 | 30 | 38 | 150 |
| 39 | 25 | 7 | 0 | 300 |
| 40 | 10 | 30 | 150 | 150 |
| 41 | 5 | 30 | 150 | 150 |
| 42 | 10 | 30 | 150 | 150 |
| 43 | 20 | 30 | 134 | 150 |
| 44 | 20 | 30 | 116 | 150 |
| 45 | 10 | 14 | 7 | 300 |
| 46 | 10 | 14 | 28 | 300 |
| 47 | 20 | 42 | 3 | 150 |
| 48 | 5 | 56 | 11 | 300 |
| 49 | 15 | 7 | 4 | 300 |
| 50 | 25 | 7 | 3 | 300 |
| 51 | 10 | 224 | 108 | 150 |
| 52 | 15 | 7 | 0 | 300 |
| 53 | 30 | 14 | 2 | 300 |
| 54 | 20 | 30 | 144 | 150 |
| 55 | 5 | 30 | 150 | 150 |
| 56 | 5 | 30 | 2 | 150 |
| 57 | 25 | 30 | 60 | 150 |
| 58 | 5 | 30 | 0 | 150 |
| 59 | 30 | 30 | 6 | 150 |
| 60 | | | | |

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|----|-------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 10 | 20 | 300 |
| 4 | 10 | 30 | 45 | 150 |
| 5 | 25 | 30 | 76 | 150 |
| 6 | 25 | 30 | 26 | 150 |
| 7 | 15 | 14 | 32 | 300 |
| 8 | 30 | 14 | 27 | 300 |
| 9 | 5 | 56 | 18 | 300 |
| 10 | 25 | 14 | 29 | 300 |
| 11 | 25 | 14 | 13 | 300 |
| 12 | 15 | 30 | 150 | 150 |
| 13 | 15 | 14 | 13 | 300 |
| 14 | 15 | 30 | 81 | 150 |
| 15 | 10 | 30 | 4 | 150 |
| 16 | 5 | 224 | 146 | 150 |
| 17 | 10 | 224 | 30 | 150 |
| 18 | 5 | 224 | 142 | 150 |
| 19 | 25 | 56 | 38 | 50 |
| 20 | 20 | 30 | 95 | 100 |
| 21 | 20 | | 71 | 90 |
| 22 | 20 NA | | 58 | 90 |
| 23 | 30 NA | | 41 | 90 |
| 24 | 5 NA | | 52 | 96 |
| 25 | 20 | 28 | 188 | 400 |
| 26 | 20 | 9 | 148 | 400 |
| 27 | 20 | 9 | 180 | 400 |
| 28 | 20 | 9 | 152 | 400 |
| 29 | 20 | 9 | 160 | 400 |
| 30 | 35 | 25 | 36 | 150 |
| 31 | 15 | 25 | 137 | 150 |
| 32 | 20 | 25 | 138 | 150 |
| 33 | 15 | 25 | 133 | 150 |
| 34 | 30 | 25 | 123 | 150 |
| 35 | 20 | 25 | 133 | 150 |
| 36 | 10 | 25 | 140 | 150 |
| 37 | 25 | 25 | 137 | 150 |
| 38 | 20 | 60 | 274 | 300 |
| 39 | 20 | 60 | 294 | 300 |
| 40 | 20 | 60 | 270 | 300 |
| 41 | 20 | 60 | 186 | 300 |
| 42 | 20 | 14 | 33 | 45 |
| 43 | 25 | 30 | 47 | 60 |
| 44 | 20 | 28 | 81 | 101 |
| 45 | 15 | 168 | 0 | 75 |
| 46 | 10 | 168 | 0 | 75 |
| 47 | 15 | 168 | 17 | 75 |
| 48 | 10 | 168 | 29 | 75 |
| 49 | 15 | 168 | 46 | 75 |
| 50 | 20 | 168 | 2 | 75 |
| 51 | 20 | 168 | 0 | 75 |
| 52 | 20 | 168 | 0 | 75 |
| 53 | 10 | 168 | 75 | 75 |
| 54 | 15 | 35 | 22 | 100 |
| 55 | 20 | 35 | 72 | 100 |
| 56 | 15 | 30 | 32 | 100 |
| 57 | 20 | 30 | 84 | 100 |
| 58 | 20 NA | | 15 | 300 |
| 59 | | | | |
| 60 | | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | NA | 255 | 300 |
| 4 | 20 | 60 | 93 | 150 |
| 5 | 20 | 60 | 50 | 150 |
| 6 | 20 | 42 | 27 | 150 |
| 7 | 20 | 42 | 13 | 150 |
| 8 | 20 | 42 | 10 | 150 |
| 9 | 20 | 42 | 25 | 150 |
| 10 | 20 | 21 | 15 | 20 |
| 11 | 20 | 21 | 0 | 20 |
| 12 | 20 | 42 | 24 | 150 |
| 13 | 20 | 28 | 79 | 100 |
| 14 | 20 | 42 | 0 | 150 |
| 15 | 20 | 50 | 2 | 200 |
| 16 | 20 | 50 | 4 | 200 |
| 17 | 20 | 50 | 152 | 200 |
| 18 | 20 | 50 | 0 | 200 |
| 19 | 10 | 70 | 178 | 200 |
| 20 | 25 | 14 | 90 | 200 |
| 21 | 25 | 14 | 100 | 200 |
| 22 | 25 | 14 | 158 | 200 |
| 23 | 25 | 14 | 126 | 200 |
| 24 | 25 | 84 | 3 | 300 |
| 25 | 25 | 84 | 262 | 300 |
| 26 | 10 | 35 | 156 | 200 |
| 27 | 5 | 35 | 156 | 200 |
| 28 | 10 | 35 | 156 | 200 |
| 29 | 25 | 42 | 123 | 300 |
| 30 | 20 | 28 | 32 | 100 |
| 31 | 25 | 42 | 60 | 300 |
| 32 | 25 | 42 | 57 | 300 |
| 33 | 25 | 42 | 70 | 150 |
| 34 | 25 | 42 | 130 | 150 |
| 35 | 15 | 36 | 270 | 600 |
| 36 | 15 | 36 | 450 | 600 |
| 37 | 15 | 21 | 38 | 150 |
| 38 | 20 | 21 | 142 | 150 |
| 39 | 30 | 21 | 130 | 150 |
| 40 | 25 | 21 | 120 | 150 |
| 41 | 10 | 21 | 39 | 150 |
| 42 | 25 | 21 | 138 | 150 |
| 43 | 35 | 21 | 115 | 150 |
| 44 | 20 | 21 | 120 | 150 |
| 45 | 10 | 252 | 0 | 150 |
| 46 | 10 | 252 | 120 | 150 |
| 47 | 25 | 252 | 0 | 150 |
| 48 | 5 | 252 | 147 | 150 |
| 49 | 15 | 252 | 0 | 150 |
| 50 | 25 | 28 | 68 | 150 |
| 51 | 15 | 28 | 0 | 150 |
| 52 | 10 | 28 | 72 | 150 |
| 53 | 15 | 14 | 0 | 150 |
| 54 | 15 | 28 | 96 | 150 |
| 55 | 10 | 14 | 2 | 150 |
| 56 | 15 | 14 | 120 | 150 |
| 57 | 10 | 14 | 3 | 150 |
| 58 | 25 | 14 | 2 | 150 |
| 59 | | | | |
| 60 | | | | |

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|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 14 | 24 | 150 |
| 4 | 25 | 28 | 0 | 150 |
| 5 | 25 | 14 | 0 | 150 |
| 6 | 10 | 14 | 2 | 150 |
| 7 | 25 | 14 | 0 | 150 |
| 8 | 10 | 28 | 0 | 150 |
| 9 | 10 | 14 | 30 | 150 |
| 10 | 25 | 14 | 0 | 150 |
| 11 | 10 | 14 | 0 | 150 |
| 12 | 25 | 14 | 0 | 150 |
| 13 | 25 | 14 | 0 | 150 |
| 14 | 15 | 14 | 142 | 150 |
| 15 | 10 | 14 | 0 | 150 |
| 16 | 10 | 14 | 0 | 150 |
| 17 | 25 | 14 | 0 | 150 |
| 18 | 25 | 14 | 52 | 150 |
| 19 | 15 | 14 | 0 | 150 |
| 20 | 25 | 14 | 0 | 150 |
| 21 | 10 | 14 | 0 | 150 |
| 22 | 15 | 14 | 0 | 150 |
| 23 | 10 | 14 | 0 | 150 |
| 24 | 10 | 14 | 0 | 150 |
| 25 | 15 | 14 | 0 | 150 |
| 26 | 15 | 14 | 0 | 150 |
| 27 | 15 | 14 | 0 | 150 |
| 28 | 10 | 14 | 3 | 150 |
| 29 | 25 | 14 | 2 | 150 |
| 30 | 25 | 14 | 0 | 150 |
| 31 | 10 | 14 | 2 | 150 |
| 32 | 25 | 14 | 0 | 150 |
| 33 | 15 | 14 | 150 | 150 |
| 34 | 10 | 14 | 0 | 150 |
| 35 | 25 | 14 | 60 | 150 |
| 36 | 15 | 14 | 0 | 150 |
| 37 | 10 | 14 | 0 | 150 |
| 38 | 10 | 14 | 8 | 150 |
| 39 | 25 | 14 | 72 | 150 |
| 40 | 25 | 14 | 0 | 150 |
| 41 | 10 | 28 | 72 | 150 |
| 42 | 10 | 14 | 0 | 150 |
| 43 | 25 | 14 | 0 | 150 |
| 44 | 10 | 14 | 4 | 150 |
| 45 | 25 | 14 | 0 | 150 |
| 46 | 10 | 14 | 2 | 150 |
| 47 | 15 | 14 | 3 | 150 |
| 48 | 10 | 14 | 12 | 150 |
| 49 | 25 | 14 | 0 | 150 |
| 50 | 15 | 14 | 0 | 150 |
| 51 | 25 | 14 | 0 | 150 |
| 52 | 10 | 14 | 0 | 150 |
| 53 | 10 | 14 | 0 | 150 |
| 54 | 15 | 14 | 2 | 150 |
| 55 | 10 | 14 | 90 | 150 |
| 56 | 15 | 14 | 108 | 150 |
| 57 | 10 | 14 | 0 | 150 |
| 58 | 15 | 14 | 60 | 150 |
| 59 | 10 | 14 | 0 | 150 |
| 60 | 10 | 14 | 0 | 150 |

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|----|-------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 10 | 14 | 0 | 150 |
| 4 | 10 | 14 | 0 | 150 |
| 5 | 10 | 14 | 0 | 150 |
| 6 | 10 | 14 | 0 | 150 |
| 7 | 15 | 14 | 0 | 150 |
| 8 | 25 | 14 | 2 | 150 |
| 9 | 25 | 14 | 0 | 150 |
| 10 | 10 | 28 | 0 | 150 |
| 11 | 25 | 14 | 0 | 150 |
| 12 | 10 | 14 | 3 | 150 |
| 13 | 10 | 14 | 0 | 150 |
| 14 | 25 | 14 | 86 | 150 |
| 15 | 25 | 14 | 0 | 150 |
| 16 | 15 | 14 | 105 | 150 |
| 17 | 10 | 14 | 2 | 150 |
| 18 | 25 | 14 | 2 | 150 |
| 19 | 25 | 14 | 2 | 150 |
| 20 | 25 | 14 | 0 | 150 |
| 21 | 10 | 14 | 2 | 150 |
| 22 | 10 | 14 | 0 | 150 |
| 23 | 10 NA | | 0 | 150 |
| 24 | 5 | 182 | 200 | 200 |
| 25 | 25 NA | | 141 | 150 |
| 26 | 5 | 105 | 150 | 200 |
| 27 | 10 NA | | 0 | 150 |
| 28 | 10 NA | | 0 | 150 |
| 29 | 15 NA | | 0 | 250 |
| 30 | 15 NA | | 220 | 250 |
| 31 | 15 NA | | 2 | 250 |
| 32 | 15 NA | | 104 | 200 |
| 33 | 15 NA | | 0 | 250 |
| 34 | 15 NA | | 212 | 250 |
| 35 | 15 NA | | 128 | 250 |
| 36 | 15 NA | | 210 | 250 |
| 37 | 15 NA | | 88 | 250 |
| 38 | 15 NA | | 238 | 250 |
| 39 | 15 NA | | 230 | 250 |
| 40 | 15 NA | | 2 | 250 |
| 41 | 15 NA | | 58 | 250 |
| 42 | 15 NA | | 0 | 250 |
| 43 | 15 NA | | 175 | 250 |
| 44 | 15 NA | | 230 | 250 |
| 45 | 15 NA | | 8 | 250 |
| 46 | 15 NA | | 240 | 250 |
| 47 | 15 NA | | 240 | 250 |
| 48 | 15 NA | | 230 | 250 |
| 49 | 15 NA | | 220 | 250 |
| 50 | 15 NA | | 0 | 250 |
| 51 | 15 NA | | 232 | 250 |
| 52 | 15 NA | | 8 | 250 |
| 53 | 15 NA | | 15 | 250 |
| 54 | 15 NA | | 68 | 250 |
| 55 | 15 NA | | 8 | 250 |
| 56 | 15 NA | | 190 | 250 |
| 57 | 15 NA | | 15 | 250 |
| 58 | 15 NA | | 240 | 250 |
| 59 | 15 NA | | 102 | 250 |
| 60 | 15 NA | | | |

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|----|-------|-----|-----|
| 1 | | | |
| 2 | | | |
| 3 | 15 NA | 0 | 250 |
| 4 | 15 NA | 0 | 250 |
| 5 | 15 NA | 176 | 200 |
| 6 | 15 NA | 238 | 250 |
| 7 | 15 NA | 235 | 250 |
| 8 | 15 NA | 242 | 250 |
| 9 | 15 NA | 0 | 250 |
| 10 | 15 NA | 228 | 250 |
| 11 | 15 NA | 235 | 250 |
| 12 | 15 NA | 22 | 250 |
| 13 | 15 NA | 80 | 250 |
| 14 | 15 NA | 100 | 250 |
| 15 | 15 NA | 112 | 250 |
| 16 | 15 NA | 20 | 250 |
| 17 | 15 NA | 218 | 250 |
| 18 | 15 NA | 90 | 250 |
| 19 | 15 NA | 112 | 250 |
| 20 | 15 NA | 120 | 250 |
| 21 | 15 NA | 225 | 250 |
| 22 | 15 NA | 198 | 250 |
| 23 | 15 NA | 28 | 250 |
| 24 | 15 NA | 208 | 250 |
| 25 | 15 NA | 212 | 250 |
| 26 | 15 NA | 240 | 250 |
| 27 | 15 NA | 125 | 250 |
| 28 | 15 NA | 0 | 250 |
| 29 | 15 NA | 35 | 250 |
| 30 | 15 NA | 0 | 250 |
| 31 | 15 NA | 45 | 250 |
| 32 | 15 NA | 168 | 250 |
| 33 | 15 NA | 178 | 250 |
| 34 | 15 NA | 18 | 250 |
| 35 | 15 NA | 0 | 250 |
| 36 | 15 NA | 0 | 250 |
| 37 | 15 NA | 40 | 250 |
| 38 | 15 NA | 70 | 250 |
| 39 | 15 NA | 0 | 250 |
| 40 | 15 NA | 45 | 250 |
| 41 | 15 NA | 0 | 250 |
| 42 | 15 NA | 15 | 250 |
| 43 | 15 NA | 10 | 250 |
| 44 | 15 NA | 150 | 250 |
| 45 | 15 NA | 215 | 250 |
| 46 | 15 NA | 222 | 250 |
| 47 | 15 NA | 42 | 250 |
| 48 | 15 NA | 0 | 250 |
| 49 | 15 NA | 142 | 250 |
| 50 | 15 NA | 2 | 250 |
| 51 | 15 NA | 85 | 250 |
| 52 | 15 NA | 5 | 250 |
| 53 | 15 NA | 90 | 250 |
| 54 | 15 NA | 0 | 250 |
| 55 | 15 NA | 225 | 250 |
| 56 | 15 NA | 0 | 250 |
| 57 | 15 NA | 105 | 250 |
| 58 | 15 NA | 95 | 250 |
| 59 | | | |
| 60 | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 | NA | 5 | 250 |
| 4 | 15 | NA | 0 | 250 |
| 5 | 15 | NA | 95 | 250 |
| 6 | 15 | NA | 40 | 250 |
| 7 | 15 | NA | 145 | 250 |
| 8 | 25 | NA | 80 | 125 |
| 9 | 20 | NA | 78 | 125 |
| 10 | 25 | NA | 6 | 250 |
| 11 | 5 | NA | 372 | 400 |
| 12 | 5 | NA | 304 | 400 |
| 13 | 5 | NA | 312 | 400 |
| 14 | 5 | NA | 272 | 400 |
| 15 | 5 | NA | 284 | 400 |
| 16 | 25 | 180 | 20 | 36 |
| 17 | 20 | 180 | 74 | 90 |
| 18 | 20 | 180 | 83 | 90 |
| 19 | 5 | 180 | 27 | 36 |
| 20 | 20 | 180 | 28 | 36 |
| 21 | 10 | 180 | 23 | 36 |
| 22 | 15 | 180 | 28 | 36 |
| 23 | 5 | NA | 308 | 400 |
| 24 | 5 | NA | 248 | 400 |
| 25 | 5 | NA | 264 | 400 |
| 26 | 10 | 200 | 0 | 150 |
| 27 | 5 | 200 | 142 | 150 |
| 28 | 10 | 200 | 142 | 150 |
| 29 | 0 | 200 | 141 | 150 |
| 30 | 20 | 200 | 0 | 150 |
| 31 | 15 | 200 | 0 | 150 |
| 32 | 25 | 200 | 0 | 150 |
| 33 | 10 | 200 | 0 | 150 |
| 34 | 25 | 200 | 122 | 150 |
| 35 | 20 | 200 | 0 | 150 |
| 36 | 15 | 200 | 0 | 150 |
| 37 | 5 | 200 | 75 | 150 |
| 38 | 15 | 200 | 142 | 150 |
| 39 | 25 | 200 | 0 | 150 |
| 40 | 25 | 200 | 108 | 150 |
| 41 | 20 | 200 | 135 | 150 |
| 42 | 15 | 168 | 48 | 400 |
| 43 | 10 | 168 | 144 | 400 |
| 44 | 5 | 168 | 108 | 400 |
| 45 | 10 | 240 | 1 | 180 |
| 46 | 15 | 240 | 1 | 180 |
| 47 | 5 | 240 | 40 | 180 |
| 48 | 15 | 240 | 0 | 180 |
| 49 | 5 | 240 | 132 | 180 |
| 50 | 10 | 240 | 20 | 180 |
| 51 | 20 | 28 | 67 | 80 |
| 52 | 20 | 66 | 56 | 66 |
| 53 | 20 | 28 | 50 | 200 |
| 54 | 15 | 180 | 23 | 36 |
| 55 | 20 | 180 | 78 | 90 |
| 56 | 25 | 180 | 17 | 36 |
| 57 | 5 | 180 | 15 | 36 |
| 58 | 10 | 180 | 26 | 36 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|-----|------|------|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 180 | 63 | 90 |
| 4 | 20 | 180 | 32 | 36 |
| 5 | 15 | 21 | 1710 | 3000 |
| 6 | 15 | 21 | 2430 | 3000 |
| 7 | 15 | 21 | 1440 | 3000 |
| 8 | 15 | 21 | 2940 | 3000 |
| 9 | 15 | 100 | 8 | 90 |
| 10 | 15 | 100 | 62 | 90 |
| 11 | 40 | 42 | 172 | 400 |
| 12 | 10 | 42 | 0 | 400 |
| 13 | 40 | 42 | 0 | 400 |
| 14 | 30 | 42 | 128 | 400 |
| 15 | 25 | 42 | 212 | 400 |
| 16 | 10 | 42 | 0 | 400 |
| 17 | 15 | 42 | 52 | 400 |
| 18 | 30 | 42 | 148 | 400 |
| 19 | 25 | 42 | 204 | 400 |
| 20 | 30 | 42 | 208 | 400 |
| 21 | 15 | 42 | 0 | 400 |
| 22 | 30 | 42 | 196 | 400 |
| 23 | 20 | 42 | 148 | 400 |
| 24 | 25 | 42 | 0 | 400 |
| 25 | 25 | 42 | 116 | 400 |
| 26 | 25 | 28 | 180 | 400 |
| 27 | 20 | 42 | 0 | 400 |
| 28 | 25 | 30 | 10 | 50 |
| 29 | 30 | 30 | 0 | 50 |
| 30 | 25 | 30 | 2 | 50 |
| 31 | 15 | 30 | 22 | 50 |
| 32 | 10 | 30 | 47 | 50 |
| 33 | 10 | 30 | 35 | 50 |
| 34 | 20 | 30 | 4 | 50 |
| 35 | 5 | 30 | 48 | 50 |
| 36 | 25 | 21 | 76 | 100 |
| 37 | 10 | 28 | 156 | 400 |
| 38 | 25 | 30 | 7 | 100 |
| 39 | 25 | 30 | 49 | 100 |
| 40 | 20 NA | | 10 | 45 |
| 41 | 15 | 84 | 5 | 60 |
| 42 | 20 | 84 | 4 | 60 |
| 43 | 10 | 84 | 24 | 60 |
| 44 | 10 | 70 | 130 | 200 |
| 45 | 30 | 84 | 1 | 60 |
| 46 | 25 | 84 | 2 | 60 |
| 47 | 5 | 84 | 48 | 60 |
| 48 | 35 | 84 | 0 | 60 |
| 49 | 15 | 50 | 475 | 864 |
| 50 | 20 | 50 | 389 | 864 |
| 51 | 20 | 28 | 74 | 200 |
| 52 | 20 | 28 | 28 | 200 |
| 53 | 30 | 28 | 92 | 200 |
| 54 | 20 | 28 | 26 | 200 |
| 55 | 25 | 28 | 88 | 200 |
| 56 | 20 | 28 | 54 | 200 |
| 57 | 20 | 28 | 76 | 200 |
| 58 | 20 | 28 | 76 | 200 |
| 59 | 20 | 28 | 76 | 200 |
| 60 | 20 | 28 | 76 | 200 |

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|----|-------|----|------|------|
| 1 | | | | |
| 2 | | | | |
| 3 | 30 | 28 | 98 | 200 |
| 4 | 15 | 28 | 64 | 200 |
| 5 | 25 | 28 | 78 | 200 |
| 6 | 20 | 28 | 72 | 200 |
| 7 | 15 | 28 | 48 | 200 |
| 8 | 20 | 28 | 0 | 200 |
| 9 | 20 | 28 | 60 | 200 |
| 10 | 20 | 28 | 0 | 200 |
| 11 | 25 | 14 | 102 | 200 |
| 12 | 25 | 28 | 3518 | 4200 |
| 13 | 25 | 28 | 132 | 150 |
| 14 | 25 | 28 | 2 | 150 |
| 15 | 25 | 28 | 0 | 150 |
| 16 | 25 | 28 | 138 | 150 |
| 17 | 25 | 28 | 150 | 150 |
| 18 | 25 | 28 | 0 | 150 |
| 19 | 25 | 28 | 129 | 150 |
| 20 | 25 | 28 | 2 | 150 |
| 21 | 20 | 30 | 237 | 300 |
| 22 | 20 | 30 | 252 | 300 |
| 23 | 20 | 30 | 285 | 300 |
| 24 | 20 | 30 | 261 | 300 |
| 25 | 25 | 50 | 122 | 150 |
| 26 | 20 | 30 | 177 | 300 |
| 27 | 20 | 30 | 100 | 100 |
| 28 | 20 | 30 | 117 | 500 |
| 29 | 20 NA | | | |
| 30 | 25 | 14 | 2 | 150 |
| 31 | 10 | 14 | 0 | 150 |
| 32 | 15 | 14 | 9 | 150 |
| 33 | 10 | 14 | 106 | 150 |
| 34 | 25 | 14 | 123 | 150 |
| 35 | 25 | 14 | 117 | 150 |
| 36 | 15 | 14 | 16 | 150 |
| 37 | 10 | 14 | 86 | 150 |
| 38 | 10 | 14 | 2 | 150 |
| 39 | 25 | 14 | 0 | 150 |
| 40 | 10 | 14 | 8 | 150 |
| 41 | 25 | 14 | 6 | 150 |
| 42 | 10 | 14 | 120 | 150 |
| 43 | 10 | 14 | 4 | 150 |
| 44 | 25 | 14 | 20 | 150 |
| 45 | 25 | 14 | 14 | 150 |
| 46 | 10 | 14 | 4 | 150 |
| 47 | 25 | 14 | 80 | 150 |
| 48 | 25 | 14 | 105 | 150 |
| 49 | 10 | 14 | 58 | 150 |
| 50 | 15 | 14 | 93 | 150 |
| 51 | 15 | 14 | 148 | 150 |
| 52 | 15 | 14 | 114 | 150 |
| 53 | 25 | 14 | 2 | 150 |
| 54 | 10 | 14 | 4 | 150 |
| 55 | 15 | 14 | 3 | 150 |
| 56 | 10 | 14 | 147 | 150 |
| 57 | 25 | 14 | 14 | 150 |
| 58 | 25 | 14 | 147 | 150 |
| 59 | 10 | 14 | 2 | 150 |
| 60 | | | | |

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|----|-------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 | 37 | 332 | 400 |
| 4 | 15 | 37 | 60 | 400 |
| 5 | 15 | 30 | 3 | 200 |
| 6 | 15 | 30 | 126 | 200 |
| 7 | 20 | 80 | 35 | 125 |
| 8 | 20 | 80 | 119 | 125 |
| 9 | 20 | 80 | 9 | 125 |
| 10 | 20 | 80 | 71 | 125 |
| 11 | 20 | 80 | 1 | 125 |
| 12 | 20 | 80 | 44 | 125 |
| 13 | 20 | 21 | 0 | 30 |
| 14 | 20 | 21 | 30 | 30 |
| 15 | 5 | 350 | 0 | 150 |
| 16 | 20 | 350 | 0 | 150 |
| 17 | 15 | 350 | 150 | 150 |
| 18 | 10 | 350 | 30 | 150 |
| 19 | 5 | 350 | 0 | 150 |
| 20 | 20 | 350 | 0 | 150 |
| 21 | 10 | 350 | 30 | 150 |
| 22 | 15 | 350 | 150 | 150 |
| 23 | 15 | 350 | 150 | 150 |
| 24 | 5 | 350 | 0 | 150 |
| 25 | 20 | 350 | 0 | 150 |
| 26 | 10 | 350 | 30 | 150 |
| 27 | 20 | 28 | 181 | 200 |
| 28 | 15 | 350 | 75 | 150 |
| 29 | 10 | 350 | 90 | 150 |
| 30 | 20 | 350 | 0 | 150 |
| 31 | 5 | 350 | 0 | 150 |
| 32 | 15 | 42 | 0 | 100 |
| 33 | 15 | 42 | 0 | 100 |
| 34 | 15 | 42 | 0 | 100 |
| 35 | 15 | 42 | 4 | 100 |
| 36 | 15 | 60 | 79 | 100 |
| 37 | 20 | 84 | 82 | 100 |
| 38 | 20 | 84 | 45 | 100 |
| 39 | 5 NA | | 60 | 60 |
| 40 | 20 | 84 | 96 | 100 |
| 41 | 25 | 84 | 80 | 100 |
| 42 | 30 NA | | 24 | 25 |
| 43 | 30 NA | | 22 | 25 |
| 44 | 0 NA | | 24 | 25 |
| 45 | 45 NA | | 2 | 25 |
| 46 | 5 NA | | 25 | 25 |
| 47 | 15 NA | | 25 | 25 |
| 48 | 20 NA | | 24 | 25 |
| 49 | 5 NA | | 54 | 60 |
| 50 | 25 NA | | 25 | 25 |
| 51 | 10 NA | | 24 | 25 |
| 52 | 25 NA | | 22 | 25 |
| 53 | 10 | 48 | 145 | 150 |
| 54 | 10 | 48 | 147 | 150 |
| 55 | 10 | 48 | 150 | 150 |
| 56 | 25 | 140 | 23 | 75 |
| 57 | 25 | 140 | 52 | 75 |
| 58 | 25 | 140 | 32 | 75 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 84 | 188 | 400 |
| 4 | 25 | 133 | 12 | 30 |
| 5 | 15 | 133 | 29 | 30 |
| 6 | 10 | 133 | 26 | 30 |
| 7 | 5 | 133 | 6 | 30 |
| 8 | 20 | 133 | 27 | 30 |
| 9 | 25 | 84 | 260 | 400 |
| 10 | 25 | 84 | 152 | 400 |
| 11 | 25 | 84 | 324 | 400 |
| 12 | 25 | 84 | 140 | 400 |
| 13 | 25 | 90 | 150 | 150 |
| 14 | 25 | 49 | 0 | 100 |
| 15 | 20 | 49 | 1 | 100 |
| 16 | 15 | 42 | 30 | 200 |
| 17 | 15 | 42 | 106 | 200 |
| 18 | 25 | 42 | 114 | 200 |
| 19 | 25 | 42 | 106 | 200 |
| 20 | 15 | 42 | 0 | 400 |
| 21 | 15 | 42 | 92 | 400 |
| 22 | 25 | 42 | 100 | 400 |
| 23 | 25 | 42 | 68 | 400 |
| 24 | 25 | 18 | 27 | 90 |
| 25 | 15 | 140 | 10 | 200 |
| 26 | 5 | 140 | 178 | 200 |
| 27 | 5 | 140 | 152 | 200 |
| 28 | 15 NA | | 94 | 100 |
| 29 | 5 NA | | 77 | 100 |
| 30 | 15 | 140 | 164 | 200 |
| 31 | 5 NA | | 96 | 100 |
| 32 | 15 NA | | 11 | 100 |
| 33 | 30 | 8 | 0 | 180 |
| 34 | 30 | 8 | 153 | 180 |
| 35 | 20 NA | | 110 | 120 |
| 36 | 20 NA | | 57 | 120 |
| 37 | 20 NA | | 86 | 120 |
| 38 | 15 | 42 | 37 | 75 |
| 39 | 15 | 42 | 2 | 75 |
| 40 | 15 | 42 | 28 | 75 |
| 41 | 15 | 42 | 0 | 75 |
| 42 | 15 | 42 | 0 | 75 |
| 43 | 15 | 42 | 14 | 75 |
| 44 | 15 | 42 | 32 | 75 |
| 45 | 15 | 42 | 0 | 75 |
| 46 | 15 | 42 | 48 | 75 |
| 47 | 15 | 42 | 64 | 75 |
| 48 | 15 | 42 | 28 | 75 |
| 49 | 15 | 42 | 8 | 75 |
| 50 | 15 | 42 | 60 | 75 |
| 51 | 15 | 42 | 75 | 75 |
| 52 | 15 | 42 | 15 | 75 |
| 53 | 15 | 42 | 60 | 75 |
| 54 | 15 | 42 | 16 | 75 |
| 55 | 15 | 42 | 68 | 75 |
| 56 | 15 | 42 | 28 | 75 |
| 57 | 15 | 42 | 0 | 75 |
| 58 | 15 | 42 | 0 | 75 |
| 59 | 15 | 42 | 0 | 75 |
| 60 | 15 | 42 | 0 | 75 |

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|----|-------|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 | 42 | 38 | 75 |
| 4 | 15 | 42 | 71 | 75 |
| 5 | 15 | 42 | 0 | 75 |
| 6 | 15 | 42 | 0 | 75 |
| 7 | 15 | 42 | 0 | 75 |
| 8 | 15 | 42 | 75 | 75 |
| 9 | 15 | 42 | 45 | 75 |
| 10 | 15 | 42 | 32 | 75 |
| 11 | 15 | 42 | 8 | 75 |
| 12 | 15 | 42 | 2 | 75 |
| 13 | 15 | 42 | 16 | 75 |
| 14 | 15 | 42 | 16 | 75 |
| 15 | 15 | 42 | 26 | 75 |
| 16 | 15 | 42 | 32 | 75 |
| 17 | 15 | 42 | 10 | 75 |
| 18 | 15 | 42 | 14 | 75 |
| 19 | 15 | 42 | 0 | 75 |
| 20 | 15 | 42 | 6 | 75 |
| 21 | 15 | 42 | 75 | 75 |
| 22 | 15 | 42 | 0 | 75 |
| 23 | 15 | 42 | 0 | 75 |
| 24 | 15 | 42 | 0 | 75 |
| 25 | 15 | 42 | 14 | 75 |
| 26 | 15 | 42 | 26 | 75 |
| 27 | 15 | 42 | 0 | 75 |
| 28 | 15 | 42 | 1 | 75 |
| 29 | 15 | 42 | 14 | 75 |
| 30 | 15 | 42 | 0 | 75 |
| 31 | 15 | 15 | 0 | 200 |
| 32 | 25 | 15 | 200 | 200 |
| 33 | 20 | 15 | 200 | 200 |
| 34 | 5 | 15 | 200 | 200 |
| 35 | 25 | 15 | 0 | 200 |
| 36 | 10 | 15 | 0 | 200 |
| 37 | 10 | 15 | 200 | 200 |
| 38 | 5 | 15 | 0 | 200 |
| 39 | 15 | 15 | 200 | 200 |
| 40 | 20 | 15 | 0 | 200 |
| 41 | 25 NA | | 5 | 7 |
| 42 | 25 NA | | 6 | 7 |
| 43 | 20 | 28 | 92 | 400 |
| 44 | 20 | 28 | 0 | 400 |
| 45 | 20 | 28 | 277 | 400 |
| 46 | 20 | 28 | 179 | 400 |
| 47 | 20 | 28 | 0 | 400 |
| 48 | 20 | 28 | 77 | 400 |
| 49 | 20 | 28 | 28 | 400 |
| 50 | 20 | 28 | 73 | 400 |
| 51 | 20 | 28 | 0 | 400 |
| 52 | 20 | 28 | 46 | 400 |
| 53 | 20 | 28 | 0 | 400 |
| 54 | 20 | 28 | 31 | 400 |
| 55 | 20 | 28 | 0 | 400 |
| 56 | 20 | 28 | 169 | 400 |
| 57 | 20 | 28 | 155 | 400 |
| 58 | 20 | 28 | 0 | 400 |
| 59 | 20 | 28 | 0 | 400 |
| 60 | 20 | 28 | 281 | 400 |

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|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 56 | 0 | 500 |
| 4 | 20 | 56 | 0 | 500 |
| 5 | 20 | 56 | 395 | 500 |
| 6 | 20 | 56 | 0 | 500 |
| 7 | 20 | 28 | 0 | 400 |
| 8 | 20 | 28 | 362 | 400 |
| 9 | 5 | 56 | 64 | 200 |
| 10 | 20 | 56 | 114 | 200 |
| 11 | 15 | 56 | 106 | 200 |
| 12 | 30 | 56 | 104 | 200 |
| 13 | 10 | 56 | 92 | 200 |
| 14 | 25 | 56 | 110 | 200 |
| 15 | 15 | 56 | 104 | 200 |
| 16 | 30 | 56 | 110 | 200 |
| 17 | 20 | 56 | 116 | 200 |
| 18 | 5 | 56 | 86 | 200 |
| 19 | 10 | 56 | 100 | 200 |
| 20 | 25 | 56 | 112 | 200 |
| 21 | 10 | 56 | 44 | 200 |
| 22 | 20 | 56 | 48 | 200 |
| 23 | 30 | 56 | 44 | 200 |
| 24 | 25 | 56 | 46 | 200 |
| 25 | 5 | 56 | 34 | 200 |
| 26 | 15 | 56 | 42 | 200 |
| 27 | 30 | 56 | 30 | 200 |
| 28 | 25 | 56 | 32 | 200 |
| 29 | 20 | 56 | 36 | 200 |
| 30 | 10 | 56 | 26 | 200 |
| 31 | 15 | 56 | 32 | 200 |
| 32 | 5 | 56 | 14 | 200 |
| 33 | 20 | 56 | 38 | 100 |
| 34 | 25 | 56 | 16 | 100 |
| 35 | 20 | 56 | 0 | 100 |
| 36 | 25 | 56 | 50 | 100 |
| 37 | 25 | 56 | 46 | 100 |
| 38 | 25 | 56 | 2 | 100 |
| 39 | 25 | 56 | 7 | 100 |
| 40 | 25 | 56 | 73 | 100 |
| 41 | 25 | 14 | 189 | 200 |
| 42 | 20 | 14 | 180 | 200 |
| 43 | 20 | 14 | 168 | 200 |
| 44 | 20 | 14 | 164 | 200 |
| 45 | 20 | 14 | 162 | 200 |
| 46 | 20 | 14 | 172 | 200 |
| 47 | 25 | 14 | 182 | 200 |
| 48 | 20 | 14 | 172 | 200 |
| 49 | 20 | 14 | 190 | 200 |
| 50 | 20 | 14 | 191 | 200 |
| 51 | 20 | 14 | 177 | 200 |
| 52 | 25 | 14 | 183 | 200 |
| 53 | 20 | 14 | 179 | 200 |
| 54 | 20 | 14 | 183 | 200 |
| 55 | 20 | 14 | 187 | 200 |
| 56 | 25 | 14 | 191 | 200 |
| 57 | 25 | 40 | 75 | 90 |
| 58 | 20 | 70 | 99 | 100 |
| 59 | | | | |
| 60 | | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 70 | 91 | 100 |
| 4 | 5 | 336 | 120 | 150 |
| 5 | 25 | 7 | 45 | 100 |
| 6 | 20 | 42 | 1 | 100 |
| 7 | 20 | 42 | 88 | 100 |
| 8 | 15 | 42 | 29 | 100 |
| 9 | 20 | 42 | 36 | 100 |
| 10 | 25 | 42 | 30 | 100 |
| 11 | 20 | 32 | 56 | 80 |
| 12 | 25 | 28 | 385 | 400 |
| 13 | 5 | 112 | 95 | 100 |
| 14 | 5 | 168 | 10 | 100 |
| 15 | 20 | 26 | 195 | 200 |
| 16 | 25 | 26 | 107 | 200 |
| 17 | 15 | 26 | 150 | 200 |
| 18 | 10 | 26 | 61 | 200 |
| 19 | 40 | 26 | 0 | 200 |
| 20 | 5 | 26 | 0 | 200 |
| 21 | 35 | 26 | 0 | 200 |
| 22 | 30 | 26 | 41 | 200 |
| 23 | 25 | 84 | 1 | 60 |
| 24 | 20 | 84 | 2 | 60 |
| 25 | 10 | 84 | 13 | 60 |
| 26 | 30 | 84 | 1 | 60 |
| 27 | 15 | 84 | 2 | 60 |
| 28 | 35 | 84 | 0 | 60 |
| 29 | 5 | 84 | 16 | 60 |
| 30 | 20 | 84 | 11 | 60 |
| 31 | 25 | 84 | 13 | 60 |
| 32 | 5 | 84 | 48 | 60 |
| 33 | 30 | 84 | 21 | 60 |
| 34 | 35 | 84 | 24 | 60 |
| 35 | 10 | 84 | 30 | 60 |
| 36 | 15 | 84 | 18 | 60 |
| 37 | 15 | 84 | 1 | 60 |
| 38 | 5 | 84 | 43 | 60 |
| 39 | 25 | 84 | 2 | 60 |
| 40 | 10 | 84 | 16 | 60 |
| 41 | 30 | 84 | 10 | 60 |
| 42 | 35 | 84 | 8 | 60 |
| 43 | 20 | 84 | 1 | 60 |
| 44 | 5 | 84 | 60 | 60 |
| 45 | 30 | 84 | 1 | 60 |
| 46 | 25 | 84 | 2 | 60 |
| 47 | 15 | 84 | 3 | 60 |
| 48 | 35 | 84 | 0 | 60 |
| 49 | 10 | 84 | 26 | 60 |
| 50 | 20 | 84 | 2 | 60 |
| 51 | 25 | 7 | 30 | 100 |
| 52 | 20 | 84 | 12 | 60 |
| 53 | 15 | 84 | 16 | 60 |
| 54 | 10 | 84 | 24 | 60 |
| 55 | 25 | 84 | 11 | 60 |
| 56 | 5 | 84 | 48 | 60 |
| 57 | 35 | 84 | 24 | 60 |
| 58 | 30 | 84 | 18 | 60 |
| 59 | | | | |
| 60 | | | | |

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|----|------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 5 | 84 | 48 | 60 |
| 4 | 30 | 84 | 7 | 60 |
| 5 | 35 | 84 | 6 | 60 |
| 6 | 15 | 84 | 4 | 60 |
| 7 | 20 | 84 | 2 | 60 |
| 8 | 10 | 84 | 26 | 60 |
| 9 | 25 | 84 | 2 | 60 |
| 10 | 15 | 30 | 160 | 200 |
| 11 | 10 | 30 | 150 | 200 |
| 12 | 10 | 30 | 60 | 200 |
| 13 | 15 | 30 | 90 | 200 |
| 14 | 15 | 30 | 160 | 200 |
| 15 | 10 | 30 | 156 | 200 |
| 16 | 10 | 30 | 60 | 200 |
| 17 | 15 | 30 | 106 | 200 |
| 18 | 15 | 30 | 118 | 200 |
| 19 | 10 | 30 | 100 | 200 |
| 20 | 20 | 280 | 0 | 120 |
| 21 | 15 | 280 | 76 | 120 |
| 22 | 10 | 280 | 106 | 120 |
| 23 | 5 | 280 | 0 | 120 |
| 24 | 20 | 28 | 181 | 200 |
| 25 | 25 | 14 | 196 | 200 |
| 26 | 25 | 7 | 32 | 100 |
| 27 | 20 | 21 | 65 | 100 |
| 28 | 20 | 21 | 4 | 100 |
| 29 | 25 | 40 | 40 | 100 |
| 30 | 25 | 40 | 79 | 100 |
| 31 | 10 | 40 | 0 | 100 |
| 32 | 15 | 40 | 90 | 100 |
| 33 | 10 | 40 | 54 | 100 |
| 34 | 15 | 40 | 100 | 100 |
| 35 | 25 | 40 | 95 | 100 |
| 36 | 20 | 40 | 100 | 100 |
| 37 | 20 | 40 | 97 | 100 |
| 38 | 20 | 40 | 0 | 100 |
| 39 | 15 | 40 | 95 | 100 |
| 40 | 25 | 40 | 97 | 100 |
| 41 | 20 | 40 | 97 | 100 |
| 42 | 10 | 40 | 80 | 100 |
| 43 | 30 | 40 | 30 | 100 |
| 44 | 25 | 40 | 97 | 100 |
| 45 | 30 | 40 | 97 | 100 |
| 46 | 25 | 40 | 0 | 100 |
| 47 | 10 | 40 | 63 | 100 |
| 48 | 15 | 40 | 0 | 100 |
| 49 | 30 | 40 | 0 | 100 |
| 50 | 30 | 40 | 97 | 100 |
| 51 | 25 | 40 | 95 | 100 |
| 52 | 5 | 160 | 84 | 100 |
| 53 | 5 | 160 | 76 | 100 |
| 54 | 5 | 160 | 88 | 100 |
| 55 | 5 | 160 | 6 | 100 |
| 56 | 20 | 28 | 180 | 200 |
| 57 | 5 NA | | 200 | 200 |
| 58 | 0 | 91 | 166 | 200 |
| 59 | | | | |
| 60 | | | | |

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|----|------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 | 91 | 0 | 200 |
| 4 | 5 | 77 | 5 | 9 |
| 5 | 5 | 77 | 4 | 9 |
| 6 | 5 | 336 | 0 | 150 |
| 7 | 30 | 336 | 0 | 150 |
| 8 | 25 | 336 | 50 | 150 |
| 9 | 10 | 336 | 0 | 150 |
| 10 | 20 | 336 | 108 | 150 |
| 11 | 15 | 336 | 75 | 150 |
| 12 | 15 | 30 | 194 | 200 |
| 13 | 15 | 30 | 166 | 200 |
| 14 | 15 | 34 | 70 | 100 |
| 15 | 20 | 34 | 60 | 100 |
| 16 | 10 | 34 | 45 | 100 |
| 17 | 25 | 7 | 28 | 100 |
| 18 | 5 | 168 | 6 | 100 |
| 19 | 30 | 168 | 41 | 100 |
| 20 | 20 | 168 | 70 | 100 |
| 21 | 15 | 168 | 52 | 100 |
| 22 | 15 | 168 | 59 | 100 |
| 23 | 5 | 168 | 0 | 100 |
| 24 | 30 | 168 | 36 | 100 |
| 25 | 20 | 168 | 75 | 100 |
| 26 | 5 NA | | 10 | 30 |
| 27 | 5 NA | | 22 | 30 |
| 28 | 20 | 42 | 63 | 150 |
| 29 | 30 | 42 | 150 | 150 |
| 30 | 25 | 42 | 138 | 150 |
| 31 | 35 | 42 | 0 | 150 |
| 32 | 5 | 42 | 2 | 150 |
| 33 | 10 | 42 | 6 | 150 |
| 34 | 20 | 42 | 30 | 150 |
| 35 | 40 | 42 | 0 | 150 |
| 36 | 5 | 42 | 0 | 150 |
| 37 | 40 | 42 | 0 | 150 |
| 38 | 5 | 42 | 0 | 150 |
| 39 | 10 | 42 | 57 | 150 |
| 40 | 10 | 42 | 20 | 150 |
| 41 | 10 | 42 | 10 | 150 |
| 42 | 25 | 42 | 22 | 150 |
| 43 | 5 | 42 | 0 | 150 |
| 44 | 10 | 42 | 120 | 150 |
| 45 | 15 | 42 | 22 | 150 |
| 46 | 25 | 42 | 147 | 150 |
| 47 | 40 | 42 | 0 | 150 |
| 48 | 10 | 42 | 0 | 150 |
| 49 | 20 | 42 | 147 | 150 |
| 50 | 20 | 42 | 148 | 150 |
| 51 | 35 | 42 | 0 | 150 |
| 52 | 40 | 42 | 0 | 150 |
| 53 | 15 | 42 | 142 | 150 |
| 54 | 25 | 42 | 144 | 150 |
| 55 | 25 | 42 | 148 | 150 |
| 56 | 30 | 42 | 141 | 150 |
| 57 | 25 | 42 | 0 | 150 |
| 58 | 35 | 42 | 146 | 150 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|----|------|------|
| 1 | | | | |
| 2 | | | | |
| 3 | 35 | 42 | 135 | 150 |
| 4 | 25 NA | | 174 | 200 |
| 5 | 25 NA | | 194 | 200 |
| 6 | 25 NA | | 160 | 200 |
| 7 | 25 NA | | 184 | 200 |
| 8 | 25 NA | | 184 | 200 |
| 9 | 25 NA | | 170 | 200 |
| 10 | 25 NA | | 180 | 200 |
| 11 | 25 NA | | 166 | 200 |
| 12 | 25 NA | | 130 | 200 |
| 13 | 25 NA | | 190 | 200 |
| 14 | 25 NA | | 146 | 200 |
| 15 | 25 NA | | 144 | 200 |
| 16 | 25 NA | | 126 | 200 |
| 17 | 20 | 28 | 36 | 400 |
| 18 | 20 | 28 | 216 | 400 |
| 19 | 25 | 28 | 40 | 400 |
| 20 | 25 | 28 | 232 | 400 |
| 21 | 25 | 5 | 13 | 50 |
| 22 | 35 | 5 | 0 | 50 |
| 23 | 35 | 3 | 0 | 50 |
| 24 | 20 | 5 | 30 | 50 |
| 25 | 25 | 3 | 22 | 50 |
| 26 | 15 | 3 | 6 | 50 |
| 27 | 30 | 3 | 6 | 50 |
| 28 | 15 | 5 | 18 | 50 |
| 29 | 20 | 3 | 16 | 50 |
| 30 | 20 | 5 | 32 | 50 |
| 31 | 25 | 5 | 12 | 50 |
| 32 | 30 | 5 | 6 | 50 |
| 33 | 30 | 3 | 2 | 50 |
| 34 | 25 | 3 | 17 | 50 |
| 35 | 20 | 3 | 17 | 50 |
| 36 | 20 | 5 | 11 | 50 |
| 37 | 30 | 3 | 14 | 50 |
| 38 | 30 | 5 | 2 | 50 |
| 39 | 20 | 3 | 14 | 50 |
| 40 | 30 | 5 | 0 | 50 |
| 41 | 10 | 42 | 1176 | 2400 |
| 42 | 25 | 28 | 1776 | 2400 |
| 43 | 10 | 42 | 792 | 2400 |
| 44 | 25 | 28 | 1992 | 2400 |
| 45 | 20 | 30 | 98 | 200 |
| 46 | 20 | 30 | 0 | 200 |
| 47 | 20 | 52 | 4 | 60 |
| 48 | 25 | 7 | 30 | 100 |
| 49 | 25 | 30 | 0 | 150 |
| 50 | 25 | 30 | 132 | 150 |
| 51 | 25 | 21 | 90 | 200 |
| 52 | 25 | 21 | 66 | 200 |
| 53 | 25 | 21 | 46 | 200 |
| 54 | 25 | 21 | 34 | 200 |
| 55 | 30 | 21 | 22 | 200 |
| 56 | 30 | 21 | 34 | 200 |
| 57 | 20 | 21 | 58 | 200 |
| 58 | 20 | 21 | 60 | 200 |
| 59 | | | | |
| 60 | | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 30 | 0 | 200 |
| 4 | 25 | 30 | 189 | 200 |
| 5 | 10 | 56 | 88 | 100 |
| 6 | 10 | 56 | 88 | 100 |
| 7 | 25 | 56 | 5 | 100 |
| 8 | 25 | 56 | 30 | 100 |
| 9 | 20 | 28 | 0 | 200 |
| 10 | 5 | 168 | 120 | 200 |
| 11 | 15 | 28 | 2 | 100 |
| 12 | 5 | 28 | 20 | 100 |
| 13 | 20 | 28 | 10 | 100 |
| 14 | 5 | 28 | 56 | 100 |
| 15 | 5 | 28 | 14 | 100 |
| 16 | 15 | 28 | 20 | 100 |
| 17 | 20 | 28 | 81 | 100 |
| 18 | 0 | 28 | 0 | 100 |
| 19 | 35 | 28 | 2 | 100 |
| 20 | 15 | 28 | 0 | 100 |
| 21 | 10 | 28 | 2 | 100 |
| 22 | 25 | 28 | 77 | 100 |
| 23 | 20 | 28 | 92 | 100 |
| 24 | 10 | 28 | 70 | 100 |
| 25 | 30 | 28 | 46 | 100 |
| 26 | 20 | 28 | 82 | 100 |
| 27 | 10 | 28 | 20 | 100 |
| 28 | 20 | 28 | 82 | 100 |
| 29 | 40 | 28 | 0 | 100 |
| 30 | 5 | 28 | 34 | 100 |
| 31 | 30 | 28 | 28 | 100 |
| 32 | 25 | 28 | 56 | 100 |
| 33 | 25 | 28 | 72 | 100 |
| 34 | 10 | 28 | 87 | 100 |
| 35 | 5 | 28 | 76 | 100 |
| 36 | 25 | 28 | 74 | 100 |
| 37 | 20 | 28 | 80 | 100 |
| 38 | 15 | 28 | 0 | 100 |
| 39 | 25 | 28 | 44 | 100 |
| 40 | 10 | 28 | 82 | 100 |
| 41 | 0 | 28 | 38 | 100 |
| 42 | 15 | 28 | 0 | 100 |
| 43 | 10 | 28 | 80 | 100 |
| 44 | 15 | 28 | 86 | 100 |
| 45 | 30 | 28 | 50 | 100 |
| 46 | 5 | 28 | 67 | 100 |
| 47 | 20 | 28 | 40 | 100 |
| 48 | 35 | 28 | 28 | 100 |
| 49 | 10 | 28 | 55 | 100 |
| 50 | 5 | 28 | 68 | 100 |
| 51 | 30 | 28 | 46 | 100 |
| 52 | 10 | 28 | 67 | 100 |
| 53 | 15 | 28 | 89 | 100 |
| 54 | 10 | 28 | 10 | 100 |
| 55 | 15 | 28 | 72 | 100 |
| 56 | 15 | 28 | 82 | 100 |
| 57 | 35 | 28 | 2 | 100 |
| 58 | 15 | 28 | 91 | 100 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|----|------|------|
| 1 | | | | |
| 2 | | | | |
| 3 | 0 | 28 | 0 | 100 |
| 4 | 10 | 28 | 79 | 100 |
| 5 | 5 | 28 | 64 | 100 |
| 6 | 10 | 28 | 86 | 100 |
| 7 | 0 | 28 | 0 | 100 |
| 8 | 25 | 28 | 52 | 100 |
| 9 | 15 | 28 | 89 | 100 |
| 10 | 20 NA | | 130 | 200 |
| 11 | 20 | 42 | 94 | 100 |
| 12 | 20 | 42 | 98 | 100 |
| 13 | 15 | 40 | 84 | 100 |
| 14 | 15 | 40 | 74 | 100 |
| 15 | 25 | 7 | 54 | 100 |
| 16 | 15 | 40 | 72 | 100 |
| 17 | 15 | 40 | 70 | 100 |
| 18 | 15 | 40 | 47 | 100 |
| 19 | 15 | 40 | 59 | 100 |
| 20 | 15 | 40 | 28 | 100 |
| 21 | 15 | 40 | 21 | 100 |
| 22 | 15 | 40 | 25 | 100 |
| 23 | 15 | 40 | 26 | 100 |
| 24 | 15 | 40 | 61 | 100 |
| 25 | 15 | 40 | 43 | 100 |
| 26 | 25 NA | | 46 | 100 |
| 27 | 25 NA | | 68 | 100 |
| 28 | 15 | 40 | 91 | 100 |
| 29 | 20 | 35 | 40 | 40 |
| 30 | 20 | 35 | 20 | 40 |
| 31 | 20 | 20 | 2000 | 2000 |
| 32 | 20 | 20 | 1940 | 2000 |
| 33 | 10 | 14 | 106 | 200 |
| 34 | 20 | 14 | 192 | 400 |
| 35 | 20 | 14 | 364 | 400 |
| 36 | 20 | 14 | 380 | 400 |
| 37 | 20 | 14 | 355 | 400 |
| 38 | 20 | 30 | 129 | 180 |
| 39 | 10 | 30 | 128 | 180 |
| 40 | 20 | 30 | 139 | 180 |
| 41 | 25 | 30 | 132 | 180 |
| 42 | 25 | 30 | 103 | 180 |
| 43 | 5 | 30 | 94 | 180 |
| 44 | 30 | 30 | 121 | 180 |
| 45 | 10 | 30 | 112 | 180 |
| 46 | 35 | 30 | 75 | 180 |
| 47 | 5 | 30 | 96 | 180 |
| 48 | 15 | 30 | 126 | 180 |
| 49 | 25 | 34 | 18 | 20 |
| 50 | 15 | 30 | 119 | 180 |
| 51 | 10 | 30 | 137 | 180 |
| 52 | 20 | 30 | 134 | 180 |
| 53 | 25 | 30 | 143 | 180 |
| 54 | 35 | 30 | 103 | 180 |
| 55 | 25 | 30 | 134 | 180 |
| 56 | 30 | 30 | 114 | 180 |
| 57 | 5 | 30 | 93 | 180 |
| 58 | 5 | 30 | 79 | 180 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|-----|-----|------|
| 1 | | | | |
| 2 | | | | |
| 3 | 10 | 30 | 116 | 180 |
| 4 | 20 | 30 | 115 | 180 |
| 5 | 25 | 28 | 80 | 100 |
| 6 | 20 | 30 | 57 | 135 |
| 7 | 20 | 30 | 23 | 32 |
| 8 | 25 | 45 | 222 | 240 |
| 9 | 10 | 15 | 0 | 120 |
| 10 | 15 | 15 | 119 | 120 |
| 11 | 30 | 15 | 0 | 120 |
| 12 | 15 | 15 | 112 | 120 |
| 13 | 20 | 15 | 112 | 120 |
| 14 | 25 | 15 | 23 | 120 |
| 15 | 30 | 15 | 0 | 120 |
| 16 | 10 | 15 | 112 | 120 |
| 17 | 0 | 15 | 0 | 120 |
| 18 | 5 | 15 | 0 | 120 |
| 19 | 25 | 15 | 36 | 120 |
| 20 | 5 | 210 | 60 | 60 |
| 21 | 10 | 210 | 37 | 60 |
| 22 | 20 | 210 | 0 | 60 |
| 23 | 5 | 210 | 55 | 60 |
| 24 | 10 | 210 | 0 | 60 |
| 25 | 20 | 210 | 0 | 60 |
| 26 | 20 | 210 | 0 | 60 |
| 27 | 15 | 210 | 0 | 60 |
| 28 | 20 NA | | 219 | 300 |
| 29 | 20 NA | | 0 | 300 |
| 30 | 20 NA | | 15 | 300 |
| 31 | 20 | 35 | 158 | 1050 |
| 32 | 25 | 35 | 430 | 1050 |
| 33 | 35 | 35 | 0 | 1050 |
| 34 | 30 | 35 | 0 | 1050 |
| 35 | 30 | 35 | 126 | 1050 |
| 36 | 35 | 35 | 0 | 1050 |
| 37 | 15 | 35 | 578 | 1050 |
| 38 | 20 | 35 | 724 | 1050 |
| 39 | 20 | 35 | 158 | 1050 |
| 40 | 20 | 35 | 903 | 1050 |
| 41 | 25 | 35 | 10 | 1050 |
| 42 | 30 | 35 | 0 | 1050 |
| 43 | 15 | 35 | 158 | 1050 |
| 44 | 30 | 35 | 10 | 1050 |
| 45 | 20 | 35 | 0 | 1050 |
| 46 | 20 | 35 | 262 | 1050 |
| 47 | 15 | 35 | 210 | 1050 |
| 48 | 25 | 35 | 0 | 1050 |
| 49 | 35 | 35 | 0 | 1050 |
| 50 | 20 | 35 | 0 | 1050 |
| 51 | 30 | 35 | 0 | 1050 |
| 52 | 15 | 35 | 0 | 1050 |
| 53 | 20 | 35 | 158 | 1050 |
| 54 | 30 | 35 | 0 | 1050 |
| 55 | 25 | 35 | 10 | 1050 |
| 56 | 35 | 35 | 0 | 1050 |
| 57 | 30 | 35 | 0 | 1050 |
| 58 | 30 | 35 | 0 | 1050 |
| 59 | 30 | 35 | 0 | 1050 |
| 60 | 30 | 35 | 0 | 1050 |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 70 | 75 | 100 |
| 4 | 20 | 18 | 95 | 100 |
| 5 | 20 | 18 | 91 | 100 |
| 6 | 25 | 70 | 75 | 100 |
| 7 | 10 | 70 | 80 | 100 |
| 8 | 20 | 70 | 80 | 100 |
| 9 | 20 | 30 | 400 | 400 |
| 10 | 15 | 70 | 90 | 100 |
| 11 | 10 | 70 | 80 | 100 |
| 12 | 25 | 70 | 72 | 100 |
| 13 | 20 | 70 | 80 | 100 |
| 14 | 20 | 70 | 85 | 100 |
| 15 | 15 | 70 | 85 | 100 |
| 16 | 25 | 34 | 15 | 20 |
| 17 | 25 | 70 | 79 | 100 |
| 18 | 15 | 70 | 76 | 100 |
| 19 | 25 | 70 | 58 | 100 |
| 20 | 20 | 70 | 76 | 100 |
| 21 | 20 | 70 | 85 | 100 |
| 22 | 10 | 70 | 76 | 100 |
| 23 | 10 | 70 | 70 | 100 |
| 24 | 20 | 70 | 74 | 100 |
| 25 | 20 | 30 | 400 | 400 |
| 26 | 20 | 70 | 82 | 100 |
| 27 | 15 | 70 | 70 | 100 |
| 28 | 30 | 175 | 12 | 240 |
| 29 | 25 | 175 | 96 | 240 |
| 30 | 15 | 175 | 7 | 240 |
| 31 | 30 | 175 | 22 | 240 |
| 32 | 25 | 175 | 118 | 240 |
| 33 | 15 | 175 | 5 | 240 |
| 34 | 15 | 175 | 53 | 240 |
| 35 | 30 | 175 | 14 | 240 |
| 36 | 25 | 175 | 137 | 240 |
| 37 | 5 | 180 | 78 | 80 |
| 38 | 5 | 180 | 72 | 80 |
| 39 | 30 | 21 | 18 | 24 |
| 40 | 20 | 36 | 148 | 300 |
| 41 | 25 | 21 | 12 | 45 |
| 42 | 25 | 21 | 21 | 45 |
| 43 | 25 | 16 | 182 | 200 |
| 44 | 15 | 35 | 0 | 100 |
| 45 | 40 | 35 | 30 | 100 |
| 46 | 15 | 35 | 83 | 100 |
| 47 | 5 | 35 | 0 | 100 |
| 48 | 20 | 35 | 8 | 100 |
| 49 | 30 | 35 | 18 | 100 |
| 50 | 30 | 35 | 98 | 100 |
| 51 | 35 | 35 | 5 | 100 |
| 52 | 10 | 35 | 25 | 100 |
| 53 | 10 | 35 | 0 | 100 |
| 54 | 25 | 35 | 48 | 100 |
| 55 | 5 | 35 | 0 | 100 |
| 56 | 20 | 35 | 92 | 100 |
| 57 | 35 | 35 | 85 | 100 |
| 58 | 40 | 35 | 0 | 100 |
| 59 | | | | |
| 60 | | | | |

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|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 35 | 95 | 100 |
| 4 | 25 | 34 | 20 | 20 |
| 5 | 25 | 33 | 141 | 150 |
| 6 | 25 | 33 | 150 | 150 |
| 7 | 25 | 33 | 132 | 150 |
| 8 | 25 | 33 | 142 | 150 |
| 9 | 25 | 33 | 90 | 150 |
| 10 | 25 | 33 | 144 | 150 |
| 11 | 25 | 33 | 142 | 150 |
| 12 | 25 | 33 | 128 | 150 |
| 13 | 25 | 15 | 132 | 165 |
| 14 | 10 | 28 | 0 | 150 |
| 15 | 10 | 28 | 144 | 150 |
| 16 | 10 | 28 | 150 | 150 |
| 17 | 10 | 28 | 0 | 150 |
| 18 | 25 | 28 | 89 | 100 |
| 19 | 25 | 21 | 200 | 200 |
| 20 | 25 | 30 | 51 | 60 |
| 21 | 15 | 7 | 46 | 50 |
| 22 | 25 | 34 | 19 | 20 |
| 23 | 25 | 6 | 100 | 100 |
| 24 | 25 | 12 | 219 | 300 |
| 25 | 10 | 14 | 0 | 150 |
| 26 | 20 | 14 | 0 | 150 |
| 27 | 20 | 14 | 0 | 150 |
| 28 | 25 | 14 | 0 | 150 |
| 29 | 20 | 14 | 0 | 150 |
| 30 | 20 | 14 | 0 | 150 |
| 31 | 20 | 14 | 0 | 150 |
| 32 | 10 | 14 | 0 | 150 |
| 33 | 15 | 14 | 0 | 150 |
| 34 | 25 | 14 | 0 | 150 |
| 35 | 20 | 14 | 114 | 150 |
| 36 | 15 | 14 | 114 | 150 |
| 37 | 20 | 14 | 0 | 150 |
| 38 | 25 | 14 | 114 | 150 |
| 39 | 20 | 14 | 0 | 150 |
| 40 | 10 | 14 | 0 | 150 |
| 41 | 10 | 14 | 114 | 150 |
| 42 | 15 | 14 | 0 | 150 |
| 43 | 20 | 14 | 114 | 150 |
| 44 | 25 | 14 | 0 | 150 |
| 45 | 15 | 14 | 0 | 150 |
| 46 | 25 | 14 | 0 | 150 |
| 47 | 20 | 14 | 150 | 150 |
| 48 | 25 | 14 | 132 | 150 |
| 49 | 15 | 14 | 140 | 150 |
| 50 | 10 | 14 | 46 | 150 |
| 51 | 20 | 14 | 0 | 150 |
| 52 | 25 | 14 | 8 | 150 |
| 53 | 20 | 14 | 0 | 150 |
| 54 | 20 | 14 | 30 | 150 |
| 55 | 20 | 14 | 0 | 150 |
| 56 | 10 | 14 | 0 | 150 |
| 57 | 10 | 14 | 0 | 150 |
| 58 | 20 | 14 | 30 | 150 |
| 59 | 25 | 14 | 0 | 150 |
| 60 | | | | |

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|----|-------|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 | 14 | 20 | 150 |
| 4 | 20 | 14 | 0 | 150 |
| 5 | 10 | 14 | 116 | 150 |
| 6 | 15 | 14 | 0 | 150 |
| 7 | 15 | 14 | 0 | 150 |
| 8 | 20 | 14 | 150 | 150 |
| 9 | 25 | 90 | 200 | 400 |
| 10 | 5 | 90 | 184 | 400 |
| 11 | 30 | 90 | 112 | 400 |
| 12 | 15 | 90 | 372 | 400 |
| 13 | 15 | 90 | 364 | 400 |
| 14 | 10 | 90 | 320 | 400 |
| 15 | 20 | 90 | 356 | 400 |
| 16 | 20 | 90 | 384 | 400 |
| 17 | 20 NA | | 2 | 150 |
| 18 | 25 NA | | 2 | 150 |
| 19 | 10 NA | | 69 | 150 |
| 20 | 25 NA | | 105 | 150 |
| 21 | 20 NA | | 104 | 150 |
| 22 | 10 NA | | 22 | 150 |
| 23 | 20 NA | | 104 | 150 |
| 24 | 20 NA | | 15 | 150 |
| 25 | 10 | 37 | 10 | 50 |
| 26 | 15 | 37 | 50 | 50 |
| 27 | 15 | 37 | 50 | 50 |
| 28 | 15 | 37 | 48 | 50 |
| 29 | 15 | 37 | 48 | 50 |
| 30 | 15 | 37 | 48 | 50 |
| 31 | 20 | 37 | 48 | 50 |
| 32 | 10 | 37 | 48 | 50 |
| 33 | 20 | 37 | 48 | 50 |
| 34 | 10 | 37 | 48 | 50 |
| 35 | 20 | 37 | 48 | 50 |
| 36 | 10 | 37 | 48 | 50 |
| 37 | 15 | 37 | 48 | 50 |
| 38 | 20 | 37 | 48 | 50 |
| 39 | 15 | 37 | 48 | 50 |
| 40 | 15 | 37 | 48 | 50 |
| 41 | 15 | 37 | 48 | 50 |
| 42 | 20 | 37 | 48 | 50 |
| 43 | 15 | 37 | 48 | 50 |
| 44 | 15 | 37 | 48 | 50 |
| 45 | 15 | 37 | 48 | 50 |
| 46 | 10 | 37 | 48 | 50 |
| 47 | 20 | 37 | 48 | 50 |
| 48 | 15 | 37 | 48 | 50 |
| 49 | 10 | 37 | 48 | 50 |
| 50 | 10 | 30 | 57 | 200 |
| 51 | 10 | 30 | 0 | 200 |
| 52 | 10 | 30 | 0 | 200 |
| 53 | 10 | 30 | 75 | 200 |
| 54 | 10 | 30 | 36 | 200 |
| 55 | 10 | 30 | 34 | 200 |
| 56 | 10 | 30 | 0 | 200 |
| 57 | 10 | 30 | 0 | 200 |
| 58 | 20 | 54 | 83 | 100 |
| 59 | 20 | 54 | 79 | 100 |
| 60 | | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 60 | 16 | 50 |
| 4 | 20 | 60 | 28 | 50 |
| 5 | 20 | 31 | 199 | 200 |
| 6 | 10 | 31 | 196 | 200 |
| 7 | 10 | 31 | 189 | 200 |
| 8 | 20 | 31 | 200 | 200 |
| 9 | 20 | 31 | 199 | 200 |
| 10 | 20 | 31 | 199 | 200 |
| 11 | 10 | 31 | 199 | 200 |
| 12 | 10 | 31 | 190 | 200 |
| 13 | 10 | 31 | 175 | 200 |
| 14 | 10 | 31 | 132 | 200 |
| 15 | 20 | 31 | 198 | 200 |
| 16 | 20 | 31 | 181 | 200 |
| 17 | 10 | 31 | 146 | 200 |
| 18 | 20 | 31 | 193 | 200 |
| 19 | 20 | 31 | 142 | 200 |
| 20 | 10 | 31 | 195 | 200 |
| 21 | 25 | NA | 95 | 300 |
| 22 | 15 | 60 | 87 | 100 |
| 23 | 15 | 60 | 15 | 100 |
| 24 | 20 | 42 | 9 | 10 |
| 25 | 20 | 42 | 38 | 40 |
| 26 | 20 | 42 | 21 | 40 |
| 27 | 10 | 28 | 144 | 200 |
| 28 | 20 | 200 | 0 | 100 |
| 29 | 15 | 100 | 78 | 100 |
| 30 | 5 | 28 | 102 | 200 |
| 31 | 20 | 200 | 0 | 100 |
| 32 | 25 | 28 | 118 | 200 |
| 33 | 15 | 100 | 80 | 100 |
| 34 | 20 | 28 | 164 | 200 |
| 35 | 15 | 28 | 164 | 200 |
| 36 | 20 | 200 | 0 | 100 |
| 37 | 15 | 100 | 95 | 100 |
| 38 | 25 | 65 | 0 | 60 |
| 39 | 15 | 65 | 0 | 60 |
| 40 | 25 | 65 | 56 | 60 |
| 41 | 20 | 65 | 0 | 60 |
| 42 | 25 | 65 | 0 | 60 |
| 43 | 30 | 65 | 0 | 60 |
| 44 | 20 | 30 | 116 | 120 |
| 45 | 20 | 365 | 288 | 300 |
| 46 | 20 | 365 | 264 | 300 |
| 47 | 20 | 365 | 171 | 300 |
| 48 | 15 | 28 | 138 | 250 |
| 49 | 25 | 60 | 45 | 500 |
| 50 | 25 | 60 | 445 | 500 |
| 51 | 25 | 60 | 0 | 500 |
| 52 | 25 | 60 | 405 | 500 |
| 53 | 25 | 60 | 0 | 500 |
| 54 | 25 | 60 | 85 | 500 |
| 55 | 25 | 60 | 50 | 500 |
| 56 | 25 | 60 | 205 | 500 |
| 57 | 25 | 60 | 0 | 500 |
| 58 | 25 | 60 | 0 | 500 |
| 59 | 25 | 60 | 0 | 500 |
| 60 | 25 | 60 | 0 | 500 |

| | | | | |
|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 60 | 430 | 500 |
| 4 | 25 | 60 | 0 | 500 |
| 5 | 25 | 60 | 0 | 500 |
| 6 | 25 | 60 | 275 | 500 |
| 7 | 25 | 60 | 0 | 500 |
| 8 | 25 | 60 | 145 | 500 |
| 9 | 10 | 28 | 117 | 150 |
| 10 | 10 | 28 | 146 | 150 |
| 11 | 10 | 28 | 147 | 150 |
| 12 | 10 | 28 | 148 | 150 |
| 13 | 20 | 99 | 8 | 200 |
| 14 | 20 | 99 | 128 | 200 |
| 15 | 20 | 99 | 6 | 200 |
| 16 | 20 | 99 | 164 | 200 |
| 17 | 20 | NA | 52 | 150 |
| 18 | 10 | 28 | 35 | 100 |
| 19 | 10 | 28 | 97 | 100 |
| 20 | 20 | 28 | 93 | 100 |
| 21 | 25 | 28 | 35 | 100 |
| 22 | 15 | 28 | 51 | 100 |
| 23 | 30 | 28 | 77 | 100 |
| 24 | 20 | 28 | 6 | 100 |
| 25 | 15 | 28 | 0 | 100 |
| 26 | 10 | 28 | 0 | 100 |
| 27 | 30 | 28 | 97 | 100 |
| 28 | 10 | 28 | 0 | 100 |
| 29 | 25 | 28 | 99 | 100 |
| 30 | 20 | 40 | 60 | 60 |
| 31 | 30 | 40 | 0 | 60 |
| 32 | 5 | 40 | 0 | 60 |
| 33 | 25 | 28 | 57 | 60 |
| 34 | 15 | 28 | 70 | 100 |
| 35 | 20 | 365 | 0 | 25 |
| 36 | 10 | 365 | 13 | 25 |
| 37 | 15 | 365 | 3 | 25 |
| 38 | 10 | 365 | 12 | 25 |
| 39 | 20 | 365 | 0 | 25 |
| 40 | 20 | 365 | 0 | 25 |
| 41 | 5 | 365 | 22 | 25 |
| 42 | 15 | 365 | 1 | 25 |
| 43 | 5 | 365 | 21 | 25 |
| 44 | 25 | 365 | 0 | 25 |
| 45 | 5 | 72 | 10 | 500 |
| 46 | 15 | 149 | 24 | 25 |
| 47 | 20 | 124 | 24 | 25 |
| 48 | 10 | 365 | 7 | 25 |
| 49 | 20 | 146 | 20 | 25 |
| 50 | 15 | 365 | 0 | 25 |
| 51 | 20 | 72 | 459 | 500 |
| 52 | 25 | 72 | 242 | 500 |
| 53 | 20 | 365 | 0 | 25 |
| 54 | 25 | 365 | 0 | 25 |
| 55 | 5 | 365 | 24 | 25 |
| 56 | 20 | 365 | 0 | 25 |
| 57 | 20 | 72 | 477 | 500 |
| 58 | 30 | 72 | 3 | 500 |
| 59 | | | | |
| 60 | | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 10 | 72 | 9 | 500 |
| 4 | 10 | 365 | 1 | 25 |
| 5 | 0 | 365 | 3 | 25 |
| 6 | 0 | 365 | 21 | 25 |
| 7 | 10 | 365 | 1 | 25 |
| 8 | 25 | 365 | 0 | 25 |
| 9 | 15 | 78 | 25 | 25 |
| 10 | 10 | 365 | 2 | 25 |
| 11 | 15 | 365 | 0 | 25 |
| 12 | 25 | 355 | 22 | 25 |
| 13 | 25 | 365 | 0 | 25 |
| 14 | 25 | 365 | 0 | 25 |
| 15 | 15 | 72 | 243 | 500 |
| 16 | 25 | 355 | 24 | 25 |
| 17 | 5 | 365 | 18 | 25 |
| 18 | 15 | 72 | 481 | 500 |
| 19 | 10 | 30 | 12 | 50 |
| 20 | 30 | 30 | 5 | 50 |
| 21 | 30 | 30 | 40 | 50 |
| 22 | 30 | 30 | 2 | 50 |
| 23 | 25 | 30 | 50 | 50 |
| 24 | 15 | 30 | 50 | 50 |
| 25 | 15 | 30 | 0 | 50 |
| 26 | 15 | 30 | 12 | 50 |
| 27 | 10 | 30 | 0 | 50 |
| 28 | 25 | 30 | 2 | 50 |
| 29 | 30 | 30 | 5 | 50 |
| 30 | 30 | 30 | 40 | 50 |
| 31 | 15 | 30 | 0 | 50 |
| 32 | 25 | 30 | 45 | 50 |
| 33 | 10 | 30 | 0 | 50 |
| 34 | 25 | 30 | 45 | 50 |
| 35 | 15 | 40 | 380 | 400 |
| 36 | 15 | 40 | 392 | 400 |
| 37 | 20 | 20 | 0 | 20 |
| 38 | 20 | 20 | 15 | 20 |
| 39 | 5 | 150 | 300 | 300 |
| 40 | 20 | 150 | 114 | 300 |
| 41 | 5 | 150 | 300 | 300 |
| 42 | 15 | 14 | 97 | 100 |
| 43 | 15 | 14 | 86 | 100 |
| 44 | 15 | 14 | 86 | 100 |
| 45 | 15 | 14 | 95 | 100 |
| 46 | 15 | 14 | 95 | 100 |
| 47 | 15 | 14 | 64 | 100 |
| 48 | 15 | 14 | 16 | 100 |
| 49 | 15 | 14 | 1 | 100 |
| 50 | 15 | 14 | 49 | 100 |
| 51 | 15 | 14 | 20 | 100 |
| 52 | 15 | 14 | 93 | 100 |
| 53 | 15 | 14 | 85 | 100 |
| 54 | 15 | 14 | 100 | 100 |
| 55 | 15 | 14 | 90 | 100 |
| 56 | 15 | 14 | 92 | 100 |
| 57 | 15 | 14 | 36 | 100 |
| 58 | 15 | 14 | 32 | 100 |
| 59 | | | | |
| 60 | | | | |

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|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 | 14 | 87 | 100 |
| 4 | 15 | 14 | 97 | 100 |
| 5 | 15 | 14 | 1 | 100 |
| 6 | 15 | 14 | 93 | 100 |
| 7 | 15 | 14 | 99 | 100 |
| 8 | 15 | 14 | 36 | 100 |
| 9 | 15 | 14 | 54 | 100 |
| 10 | 15 | 14 | 82 | 100 |
| 11 | 15 | 14 | 13 | 100 |
| 12 | 15 | 14 | 97 | 100 |
| 13 | 15 | 14 | 99 | 100 |
| 14 | 15 | 14 | 93 | 100 |
| 15 | 15 | 14 | 39 | 100 |
| 16 | 15 | 14 | 81 | 100 |
| 17 | 15 | 14 | 91 | 100 |
| 18 | 15 | 14 | 64 | 100 |
| 19 | 15 | 14 | 100 | 100 |
| 20 | 15 | 14 | 97 | 100 |
| 21 | 15 | 14 | 94 | 100 |
| 22 | 15 | 37 | 4 | 200 |
| 23 | 25 | 37 | 106 | 200 |
| 24 | 25 | 37 | 192 | 200 |
| 25 | 15 | 37 | 178 | 200 |
| 26 | 25 | 37 | 196 | 200 |
| 27 | 15 | 37 | 188 | 200 |
| 28 | 20 | 21 | 134 | 200 |
| 29 | 5 | 21 | 0 | 50 |
| 30 | 30 | 21 | 2 | 50 |
| 31 | 10 | 21 | 5 | 50 |
| 32 | 10 | 21 | 45 | 50 |
| 33 | 15 | 21 | 28 | 50 |
| 34 | 25 | 21 | 6 | 50 |
| 35 | 15 | 28 | 88 | 200 |
| 36 | 15 | 14 | 22 | 100 |
| 37 | 15 | 28 | 54 | 200 |
| 38 | 15 | 14 | 91 | 100 |
| 39 | 15 | 14 | 40 | 100 |
| 40 | 20 | 52 | 53 | 60 |
| 41 | 20 | 52 | 3 | 60 |
| 42 | 20 | 52 | 47 | 60 |
| 43 | 20 | 20 | 4 | 10 |
| 44 | 20 | 28 | 22 | 200 |
| 45 | 15 | 21 | 28 | 150 |
| 46 | 15 | 21 | 101 | 150 |
| 47 | 15 | 21 | 136 | 150 |
| 48 | 15 | 28 | 0 | 200 |
| 49 | 10 | 28 | 35 | 50 |
| 50 | 20 | 28 | 198 | 200 |
| 51 | 15 | 28 | 84 | 200 |
| 52 | 10 | 28 | 28 | 50 |
| 53 | 15 | 21 | 141 | 150 |
| 54 | 25 | 28 | 5 | 50 |
| 55 | 20 | 28 | 23 | 50 |
| 56 | 25 | 28 | 5 | 50 |
| 57 | 20 | 28 | 19 | 50 |
| 58 | 15 | 28 | 26 | 50 |
| 59 | | | | |
| 60 | | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 28 | 20 | 50 |
| 4 | 10 | 28 | 36 | 50 |
| 5 | 15 | 28 | 48 | 50 |
| 6 | 30 | 28 | 0 | 50 |
| 7 | 5 | 28 | 0 | 50 |
| 8 | 30 | 28 | 1 | 50 |
| 9 | 15 | 28 | 24 | 50 |
| 10 | 20 | 28 | 22 | 50 |
| 11 | 15 | 28 | 50 | 50 |
| 12 | 5 | 28 | 18 | 50 |
| 13 | 20 | 28 | 78 | 100 |
| 14 | 30 | 28 | 100 | 100 |
| 15 | 25 | 28 | 4 | 100 |
| 16 | 25 | 28 | 100 | 100 |
| 17 | 30 | 28 | 98 | 100 |
| 18 | 20 | 28 | 79 | 100 |
| 19 | 35 | 28 | 100 | 100 |
| 20 | 10 | 28 | 63 | 100 |
| 21 | 15 | 28 | 4 | 100 |
| 22 | 20 | 28 | 100 | 100 |
| 23 | 20 | 28 | 3 | 100 |
| 24 | 15 | 28 | 45 | 100 |
| 25 | 20 | 28 | 81 | 100 |
| 26 | 10 | 28 | 30 | 100 |
| 27 | 25 | 28 | 95 | 100 |
| 28 | 20 | 28 | 3 | 100 |
| 29 | 15 | 28 | 37 | 100 |
| 30 | 30 | 28 | 100 | 100 |
| 31 | 15 | 28 | 37 | 100 |
| 32 | 35 | 28 | 69 | 100 |
| 33 | 15 | 28 | 95 | 100 |
| 34 | 30 | 28 | 51 | 100 |
| 35 | 35 | 28 | 58 | 100 |
| 36 | 25 | 28 | 18 | 100 |
| 37 | 25 | 28 | 91 | 100 |
| 38 | 25 | 28 | 100 | 100 |
| 39 | 25 | 28 | 100 | 100 |
| 40 | 30 | 28 | 58 | 100 |
| 41 | 20 | 365 | 0 | 50 |
| 42 | 30 | 365 | 38 | 50 |
| 43 | 25 | 365 | 50 | 50 |
| 44 | 15 | 365 | 37 | 50 |
| 45 | 5 | 365 | 10 | 50 |
| 46 | 35 | 365 | 17 | 50 |
| 47 | 10 | 365 | 9 | 50 |
| 48 | 20 | 365 | 42 | 50 |
| 49 | 5 | 200 | 132 | 150 |
| 50 | 5 | 200 | 117 | 150 |
| 51 | 15 | 21 | 294 | 300 |
| 52 | 15 | 21 | 120 | 300 |
| 53 | 15 | 18 | 136 | 150 |
| 54 | 25 | 18 | 76 | 150 |
| 55 | 25 | 18 | 16 | 150 |
| 56 | 20 | 18 | 128 | 150 |
| 57 | 15 | 18 | 144 | 150 |
| 58 | 10 | 18 | 138 | 150 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 10 | 18 | 100 | 150 |
| 4 | 20 | 18 | 135 | 150 |
| 5 | 25 | 106 | 158 | 200 |
| 6 | 25 | 106 | 196 | 200 |
| 7 | 25 | 106 | 138 | 200 |
| 8 | 25 | 106 | 110 | 200 |
| 9 | 25 | 106 | 173 | 200 |
| 10 | 25 | 106 | 123 | 200 |
| 11 | 10 | 66 | 120 | 150 |
| 12 | 25 | 30 | 190 | 200 |
| 13 | 20 | 20 | 6 | 10 |
| 14 | 20 | 5 | 192 | 200 |
| 15 | 20 | 14 | 0 | 100 |
| 16 | 25 | 14 | 7 | 100 |
| 17 | 25 | 14 | 95 | 100 |
| 18 | 20 | 21 | 90 | 100 |
| 19 | 20 | 14 | 95 | 100 |
| 20 | 20 | | 200 | 200 |
| 21 | 20 NA | | 200 | 200 |
| 22 | 20 NA | | 200 | 200 |
| 23 | 20 NA | | 168 | 200 |
| 24 | 20 NA | | 156 | 200 |
| 25 | 20 NA | | 72 | 200 |
| 26 | 15 | 15 | 11 | 150 |
| 27 | 5 | 15 | 9 | 150 |
| 28 | 20 | 15 | 2 | 150 |
| 29 | 15 | 15 | 150 | 150 |
| 30 | 20 | 15 | 149 | 150 |
| 31 | 15 | 15 | 13 | 150 |
| 32 | 15 | 15 | 150 | 150 |
| 33 | 20 | 15 | 0 | 150 |
| 34 | 10 | 15 | 150 | 150 |
| 35 | 10 | 15 | 150 | 150 |
| 36 | 25 | 15 | 148 | 150 |
| 37 | 10 | 15 | 2 | 150 |
| 38 | 5 | 15 | 149 | 150 |
| 39 | 10 | 15 | 8 | 150 |
| 40 | 15 NA | | 152 | 200 |
| 41 | 20 | 70 | 0 | 500 |
| 42 | 15 | 70 | 0 | 500 |
| 43 | 25 | 70 | 0 | 500 |
| 44 | 15 | 70 | 0 | 500 |
| 45 | 10 | 70 | 253 | 500 |
| 46 | 30 | 70 | 0 | 500 |
| 47 | 5 | 70 | 3 | 500 |
| 48 | 20 | 70 | 0 | 500 |
| 49 | 30 | 70 | 0 | 500 |
| 50 | 25 | 70 | 0 | 500 |
| 51 | 15 | 70 | 1 | 500 |
| 52 | 10 | 70 | 125 | 500 |
| 53 | 15 | 70 | 0 | 500 |
| 54 | 20 | 70 | 0 | 500 |
| 55 | 5 | 70 | 0 | 500 |
| 56 | 20 | 70 | 0 | 500 |
| 57 | 10 | 30 | 0 | 100 |
| 58 | 20 | 30 | 100 | 100 |
| 59 | 30 | 30 | 20 | 100 |
| 60 | | | | |

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|----|-------|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 30 | 97 | 100 |
| 4 | 15 | 30 | 86 | 100 |
| 5 | 15 | 30 | 50 | 100 |
| 6 | 25 | 30 | 71 | 100 |
| 7 | 10 | 30 | 71 | 100 |
| 8 | 30 | 30 | 84 | 100 |
| 9 | 25 | 30 | 96 | 100 |
| 10 | 25 | 30 | 98 | 100 |
| 11 | 20 | 30 | 41 | 100 |
| 12 | 20 | 30 | 0 | 100 |
| 13 | 15 | 30 | 98 | 100 |
| 14 | 15 | 30 | 0 | 100 |
| 15 | 25 | 30 | 4 | 100 |
| 16 | 25 | 20 | 0 | 80 |
| 17 | 25 | 20 | 0 | 80 |
| 18 | 25 | 20 | 78 | 80 |
| 19 | 25 | 20 | 57 | 80 |
| 20 | 20 | 20 | 7 | 10 |
| 21 | 25 | 28 | 23 | 50 |
| 22 | 25 | 28 | 42 | 50 |
| 23 | 25 NA | | 10 | 50 |
| 24 | 25 NA | | 40 | 50 |
| 25 | 25 NA | | 30 | 50 |
| 26 | 25 NA | | 40 | 50 |
| 27 | 25 | 14 | 188 | 200 |
| 28 | 20 | 28 | 19 | 20 |
| 29 | 20 | 28 | 0 | 20 |
| 30 | 10 | 35 | 0 | 200 |
| 31 | 10 | 35 | 110 | 200 |
| 32 | 10 | 35 | 0 | 200 |
| 33 | 20 | 35 | 200 | 200 |
| 34 | 30 | 35 | 8 | 200 |
| 35 | 30 | 35 | 180 | 200 |
| 36 | 20 | 35 | 0 | 200 |
| 37 | 30 | 35 | 186 | 200 |
| 38 | 10 | 35 | 194 | 200 |
| 39 | 20 | 35 | 200 | 200 |
| 40 | 20 | 35 | 116 | 200 |
| 41 | 30 | 35 | 0 | 200 |
| 42 | 20 | 14 | 0 | 400 |
| 43 | 15 | 14 | 4 | 400 |
| 44 | 15 | 14 | 36 | 400 |
| 45 | 30 | 14 | 64 | 400 |
| 46 | 30 | 14 | 104 | 400 |
| 47 | 15 | 14 | 4 | 400 |
| 48 | 15 | 14 | 12 | 400 |
| 49 | 20 | 14 | 44 | 400 |
| 50 | 30 | 14 | 8 | 400 |
| 51 | 25 | 14 | 140 | 400 |
| 52 | 20 | 14 | 8 | 400 |
| 53 | 20 | 14 | 84 | 400 |
| 54 | 15 | 14 | 172 | 400 |
| 55 | 25 | 14 | 24 | 400 |
| 56 | 15 | 14 | 164 | 400 |
| 57 | 15 | 14 | 0 | 400 |
| 58 | 25 | 14 | 140 | 400 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 14 | 12 | 400 |
| 4 | 30 | 14 | 24 | 400 |
| 5 | 15 | 14 | 0 | 400 |
| 6 | 25 | 30 | 300 | 400 |
| 7 | 30 NA | | 16 | 400 |
| 8 | 20 NA | | 68 | 400 |
| 9 | 20 NA | | 37 | 75 |
| 10 | 20 NA | | 4 | 400 |
| 11 | 25 NA | | 280 | 400 |
| 12 | 30 NA | | 36 | 75 |
| 13 | 15 NA | | 8 | 400 |
| 14 | 25 NA | | 35 | 75 |
| 15 | 15 NA | | 64 | 400 |
| 16 | 15 NA | | 38 | 75 |
| 17 | 20 NA | | 28 | 400 |
| 18 | 25 NA | | 0 | 400 |
| 19 | 20 NA | | 348 | 400 |
| 20 | 30 NA | | 0 | 400 |
| 21 | 15 | 30 | 0 | 60 |
| 22 | 15 | 30 | 20 | 60 |
| 23 | 15 | 30 | 49 | 60 |
| 24 | 15 | 30 | 37 | 60 |
| 25 | 15 | 30 | 1 | 60 |
| 26 | 15 | 30 | 1 | 60 |
| 27 | 20 | 20 | 7 | 10 |
| 28 | 25 | 56 | 39 | 40 |
| 29 | 25 | 90 | 149 | 160 |
| 30 | 20 | 56 | 31 | 50 |
| 31 | 20 | 56 | 13 | 50 |
| 32 | 20 NA | | 3 | 125 |
| 33 | 20 NA | | 120 | 125 |
| 34 | 20 NA | | 0 | 125 |
| 35 | 20 NA | | 20 | 125 |
| 36 | 25 | 21 | 50 | 250 |
| 37 | 25 | 21 | 0 | 250 |
| 38 | 25 | 21 | 200 | 250 |
| 39 | 25 | 21 | 250 | 250 |
| 40 | 25 | 21 | 125 | 250 |
| 41 | 25 | 21 | 112 | 250 |
| 42 | 25 | 21 | 250 | 250 |
| 43 | 25 | 21 | 162 | 250 |
| 44 | 25 | 21 | 125 | 250 |
| 45 | 25 | 21 | 2 | 250 |
| 46 | 25 | 21 | 85 | 250 |
| 47 | 25 | 21 | 250 | 250 |
| 48 | 25 | 21 | 200 | 250 |
| 49 | 25 | 21 | 250 | 250 |
| 50 | 25 | 21 | 212 | 250 |
| 51 | 25 | 21 | 250 | 250 |
| 52 | 30 | 21 | 18 | 60 |
| 53 | 35 | 21 | 51 | 170 |
| 54 | 20 | 28 | 90 | 100 |
| 55 | 30 | 28 | 66 | 100 |
| 56 | 10 | 28 | 59 | 100 |
| 57 | 20 | 14 | 64 | 320 |
| 58 | 20 | 14 | 10 | 52 |
| 59 | | | | |
| 60 | | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 14 | 46 | 228 |
| 4 | 20 | 14 | 54 | 272 |
| 5 | 20 | 14 | 5 | 5 |
| 6 | 20 | 14 | 0 | 5 |
| 7 | 20 | 21 | 163 | 200 |
| 8 | 20 | 14 | 0 | 5 |
| 9 | 20 | 14 | 3 | 5 |
| 10 | 20 | 14 | 380 | 400 |
| 11 | 15 | 50 | 0 | 48 |
| 12 | 25 | 50 | 12 | 48 |
| 13 | 25 | 50 | 0 | 48 |
| 14 | 15 | 50 | 22 | 48 |
| 15 | 25 | 70 | 778 | 810 |
| 16 | 25 | 15 | 23 | 25 |
| 17 | 25 | 15 | 23 | 25 |
| 18 | 25 | 15 | 24 | 25 |
| 19 | 25 | 15 | 23 | 25 |
| 20 | 25 | 15 | 24 | 25 |
| 21 | 25 | 15 | 21 | 25 |
| 22 | 20 | 21 | 152 | 200 |
| 23 | 25 | 15 | 21 | 25 |
| 24 | 25 | 15 | 25 | 25 |
| 25 | 25 | 15 | 23 | 25 |
| 26 | 25 | 15 | 24 | 25 |
| 27 | 25 | 15 | 22 | 25 |
| 28 | 25 | 15 | 24 | 25 |
| 29 | 25 | 15 | 20 | 25 |
| 30 | 25 | 15 | 22 | 25 |
| 31 | 25 | 15 | 25 | 25 |
| 32 | 25 | 15 | 24 | 25 |
| 33 | 20 | 42 | 1 | 120 |
| 34 | 20 | 42 | 98 | 120 |
| 35 | 25 | 15 | 22 | 25 |
| 36 | 15 | 21 | 10 | 80 |
| 37 | 15 | 21 | 28 | 80 |
| 38 | 5 | 147 | 0 | 150 |
| 39 | 20 | 147 | 110 | 150 |
| 40 | 10 | 147 | 68 | 150 |
| 41 | 25 | 30 | 180 | 200 |
| 42 | 20 | 30 | 0 | 200 |
| 43 | 20 | 30 | 0 | 200 |
| 44 | 25 | 30 | 0 | 200 |
| 45 | 20 | 30 | 0 | 200 |
| 46 | 15 | 30 | 0 | 200 |
| 47 | 15 | 30 | 0 | 200 |
| 48 | 25 | 30 | 16 | 200 |
| 49 | 30 | 30 | 60 | 200 |
| 50 | 20 | 30 | 0 | 200 |
| 51 | 20 | 30 | 166 | 200 |
| 52 | 25 | 30 | 20 | 200 |
| 53 | 30 | 30 | 0 | 200 |
| 54 | 20 | 30 | 92 | 200 |
| 55 | 15 | 42 | 0 | 60 |
| 56 | 15 | 42 | 27 | 60 |
| 57 | 15 | 42 | 5 | 60 |
| 58 | 15 | 42 | 32 | 60 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 | 42 | 30 | 60 |
| 4 | 15 | 42 | 15 | 60 |
| 5 | 15 | 42 | 21 | 60 |
| 6 | 15 | 42 | 21 | 60 |
| 7 | 15 | 42 | 24 | 60 |
| 8 | 15 | 42 | 24 | 60 |
| 9 | 15 | 42 | 17 | 60 |
| 10 | 15 | 42 | 17 | 60 |
| 11 | 15 | 42 | 30 | 60 |
| 12 | 15 | 42 | 0 | 60 |
| 13 | 15 | 42 | 21 | 60 |
| 14 | 15 | 42 | 24 | 60 |
| 15 | 15 | 42 | 0 | 60 |
| 16 | 15 | 42 | 21 | 60 |
| 17 | 15 | 42 | 24 | 60 |
| 18 | 15 | 42 | 0 | 60 |
| 19 | 15 | 42 | 27 | 60 |
| 20 | 15 | 42 | 24 | 60 |
| 21 | 15 | 42 | 24 | 60 |
| 22 | 15 | 42 | 0 | 60 |
| 23 | 15 | 42 | 0 | 60 |
| 24 | 20 | 28 | 40 | 60 |
| 25 | 10 | 28 | 60 | 60 |
| 26 | 15 | 28 | 48 | 60 |
| 27 | 20 | 28 | 51 | 60 |
| 28 | 20 | 28 | 60 | 60 |
| 29 | 5 | 28 | 19 | 60 |
| 30 | 20 NA | | 228 | 400 |
| 31 | 30 | 30 | 0 | 100 |
| 32 | 20 | 30 | 5 | 100 |
| 33 | 5 | 30 | 8 | 100 |
| 34 | 15 | 30 | 66 | 100 |
| 35 | 5 | 30 | 54 | 100 |
| 36 | 20 | 30 | 5 | 100 |
| 37 | 15 | 30 | 37 | 100 |
| 38 | 10 | 30 | 37 | 100 |
| 39 | 25 | 30 | 17 | 100 |
| 40 | 25 | 30 | 2 | 100 |
| 41 | 5 | 30 | 8 | 100 |
| 42 | 10 | 30 | 69 | 100 |
| 43 | 20 | 30 | 30 | 100 |
| 44 | 25 | 30 | 2 | 100 |
| 45 | 10 | 30 | 37 | 100 |
| 46 | 15 | 30 | 37 | 100 |
| 47 | 30 | 30 | 0 | 100 |
| 48 | 30 | 30 | 8 | 100 |
| 49 | 10 | 50 | 70 | 80 |
| 50 | 10 | 50 | 14 | 80 |
| 51 | 20 | 28 | 132 | 300 |
| 52 | 20 | 42 | 4 | 120 |
| 53 | 20 | 42 | 106 | 120 |
| 54 | 20 | 28 | 153 | 300 |
| 55 | 20 | 28 | 147 | 300 |
| 56 | 20 | 28 | 168 | 300 |
| 57 | 25 | 84 | 109 | 120 |
| 58 | 20 | 84 | 279 | 300 |
| 59 | 25 | 84 | 0 | 300 |
| 60 | | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 84 | 288 | 300 |
| 4 | 25 | 84 | 0 | 300 |
| 5 | 20 | 84 | 3 | 300 |
| 6 | 20 | 21 | 157 | 200 |
| 7 | 20 | 21 | 168 | 200 |
| 8 | 20 | 21 | 173 | 200 |
| 9 | 20 | 21 | 170 | 200 |
| 10 | 20 | 21 | 176 | 200 |
| 11 | 20 | 42 | 109 | 120 |
| 12 | 20 | 42 | 9 | 120 |
| 13 | 20 | 21 | 171 | 200 |
| 14 | 20 | 21 | 57 | 60 |
| 15 | 20 | 21 | 54 | 60 |
| 16 | 20 | 21 | 22 | 60 |
| 17 | 15 | 35 | 40 | 150 |
| 18 | 15 | 35 | 21 | 150 |
| 19 | 25 | 35 | 14 | 150 |
| 20 | 25 | 35 | 26 | 150 |
| 21 | 25 | 28 | 141 | 150 |
| 22 | 25 | 28 | 118 | 150 |
| 23 | 15 | 28 | 128 | 150 |
| 24 | 15 | 28 | 2 | 150 |
| 25 | 25 | 90 | 105 | 150 |
| 26 | 15 | 90 | 75 | 150 |
| 27 | 20 | 90 | 105 | 150 |
| 28 | 20 | 60 | 150 | 150 |
| 29 | 20 | 90 | 94 | 150 |
| 30 | 5 | 90 | 0 | 150 |
| 31 | 20 | 60 | 100 | 150 |
| 32 | 10 | 90 | 14 | 150 |
| 33 | 20 | NA | 336 | 400 |
| 34 | 15 | 25 | 282 | 300 |
| 35 | 25 | 21 | 98 | 100 |
| 36 | 25 | 120 | 0 | 120 |
| 37 | 25 | 120 | 76 | 120 |
| 38 | 5 | 120 | 66 | 120 |
| 39 | 5 | 120 | 0 | 120 |
| 40 | 10 | 120 | 2 | 120 |
| 41 | 10 | 120 | 0 | 120 |
| 42 | 15 | 120 | 104 | 120 |
| 43 | 20 | 120 | 71 | 120 |
| 44 | 15 | 120 | 0 | 120 |
| 45 | 15 | 120 | 0 | 120 |
| 46 | 25 | 120 | 0 | 120 |
| 47 | 25 | 120 | 0 | 120 |
| 48 | 15 | 120 | 89 | 120 |
| 49 | 20 | 120 | 0 | 120 |
| 50 | 15 | 120 | 0 | 120 |
| 51 | 15 | 120 | 84 | 120 |
| 52 | 5 | 120 | 0 | 120 |
| 53 | 10 | 120 | 1 | 120 |
| 54 | 5 | 120 | 0 | 120 |
| 55 | 20 | 120 | 0 | 120 |
| 56 | 20 | 120 | 0 | 120 |
| 57 | 15 | 120 | 103 | 120 |
| 58 | 10 | 120 | 60 | 120 |
| 59 | | | | |
| 60 | | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 | 120 | 101 | 120 |
| 4 | 25 | 21 | 98 | 100 |
| 5 | 25 | 21 | 50 | 100 |
| 6 | 35 | 21 | 12 | 400 |
| 7 | 35 | 42 | 0 | 100 |
| 8 | 10 | 21 | 4 | 400 |
| 9 | 30 | 42 | 86 | 100 |
| 10 | 30 | 21 | 296 | 400 |
| 11 | 15 | 21 | 384 | 400 |
| 12 | 40 | 21 | 212 | 400 |
| 13 | 30 | 21 | 376 | 400 |
| 14 | 30 | 42 | 60 | 100 |
| 15 | 30 | 21 | 332 | 400 |
| 16 | 10 | 21 | 324 | 400 |
| 17 | 25 | 21 | 384 | 400 |
| 18 | 15 | 21 | 148 | 400 |
| 19 | 10 | 42 | 0 | 100 |
| 20 | 25 | 42 | 89 | 100 |
| 21 | 15 | 42 | 91 | 100 |
| 22 | 25 | 21 | 256 | 400 |
| 23 | 25 | 105 | 155 | 200 |
| 24 | 20 | 21 | 140 | 400 |
| 25 | 15 | 42 | 4 | 100 |
| 26 | 20 | 21 | 388 | 400 |
| 27 | 10 | 42 | 95 | 100 |
| 28 | 20 | 42 | 90 | 100 |
| 29 | 35 | 21 | 164 | 400 |
| 30 | 10 | 21 | 376 | 400 |
| 31 | 25 | 21 | 380 | 400 |
| 32 | 35 | 21 | 0 | 400 |
| 33 | 30 | 21 | 364 | 400 |
| 34 | 20 | 42 | 30 | 100 |
| 35 | 15 | 21 | 12 | 400 |
| 36 | 15 | 21 | 400 | 400 |
| 37 | 35 | 42 | 82 | 100 |
| 38 | 10 | 21 | 36 | 400 |
| 39 | 25 | 42 | 79 | 100 |
| 40 | 20 | 21 | 372 | 400 |
| 41 | 20 | 21 | 276 | 400 |
| 42 | 25 | 21 | 344 | 400 |
| 43 | 20 | 30 | 180 | 200 |
| 44 | 25 | 14 | 0 | 150 |
| 45 | 20 | 14 | 0 | 150 |
| 46 | 15 | 14 | 4 | 150 |
| 47 | 15 | 14 | 138 | 150 |
| 48 | 20 | 14 | 0 | 150 |
| 49 | 15 | 14 | 0 | 150 |
| 50 | 15 | 14 | 15 | 150 |
| 51 | 20 | 14 | 68 | 150 |
| 52 | 20 | 14 | 0 | 150 |
| 53 | 25 | 14 | 0 | 150 |
| 54 | 35 | 14 | 20 | 150 |
| 55 | 20 | 14 | 15 | 150 |
| 56 | 20 | 14 | 0 | 150 |
| 57 | 15 | 14 | 0 | 150 |
| 58 | 10 | 224 | 0 | 150 |
| 59 | | | | |
| 60 | | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 14 | 0 | 150 |
| 4 | 25 | 14 | 0 | 150 |
| 5 | 10 | 14 | 0 | 150 |
| 6 | 10 | 14 | 0 | 150 |
| 7 | 15 | 14 | 75 | 150 |
| 8 | 20 | 14 | 14 | 150 |
| 9 | 30 | 14 | 134 | 150 |
| 10 | 20 | 14 | 0 | 150 |
| 11 | 15 | 224 | 0 | 150 |
| 12 | 20 | 224 | 0 | 150 |
| 13 | 10 | 14 | 16 | 150 |
| 14 | 20 | 14 | 60 | 150 |
| 15 | 10 | 14 | 14 | 150 |
| 16 | 25 | 14 | 38 | 150 |
| 17 | 35 | 14 | 116 | 150 |
| 18 | 25 | 14 | 40 | 150 |
| 19 | 15 | 14 | 86 | 150 |
| 20 | 30 | 14 | 0 | 150 |
| 21 | 5 | 224 | 146 | 150 |
| 22 | 25 | 14 | 12 | 150 |
| 23 | 20 | 14 | 148 | 150 |
| 24 | 20 | 14 | 76 | 150 |
| 25 | 20 | 14 | 40 | 150 |
| 26 | 30 | 14 | 8 | 150 |
| 27 | 20 | 14 | 0 | 150 |
| 28 | 20 | 14 | 38 | 150 |
| 29 | 30 | 14 | 26 | 150 |
| 30 | 20 | 14 | 0 | 150 |
| 31 | 15 | 14 | 0 | 150 |
| 32 | 15 | 14 | 78 | 150 |
| 33 | 10 | 14 | 90 | 150 |
| 34 | 15 | 14 | 0 | 150 |
| 35 | 25 | 14 | 0 | 150 |
| 36 | 20 | 224 | 0 | 150 |
| 37 | 20 | 14 | 52 | 150 |
| 38 | 10 | 14 | 0 | 150 |
| 39 | 35 | 14 | 0 | 150 |
| 40 | 35 | 14 | 0 | 150 |
| 41 | 25 | 14 | 148 | 150 |
| 42 | 25 | 14 | 0 | 150 |
| 43 | 10 | 28 | 15 | 150 |
| 44 | 15 | 28 | 12 | 150 |
| 45 | 25 | 28 | 21 | 150 |
| 46 | 15 | 28 | 10 | 150 |
| 47 | 20 | 28 | 26 | 150 |
| 48 | 25 | 28 | 12 | 150 |
| 49 | 20 | 28 | 14 | 150 |
| 50 | 10 | 28 | 10 | 150 |
| 51 | 25 | 28 | 22 | 150 |
| 52 | 30 | 28 | 18 | 150 |
| 53 | 25 | 28 | 122 | 150 |
| 54 | 30 | 28 | 14 | 150 |
| 55 | 20 | 28 | 74 | 75 |
| 56 | 10 | 28 | 68 | 75 |
| 57 | 15 | 28 | 71 | 75 |
| 58 | 5 | 28 | 45 | 75 |
| 59 | | | | |
| 60 | | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 56 | 80 | 100 |
| 4 | 10 | 90 | 44 | 200 |
| 5 | 15 | 90 | 98 | 200 |
| 6 | 10 | 90 | 16 | 200 |
| 7 | 15 | 90 | 98 | 200 |
| 8 | 15 | 90 | 182 | 200 |
| 9 | 15 | 90 | 150 | 200 |
| 10 | 20 | 90 | 182 | 200 |
| 11 | 20 | 90 | 180 | 200 |
| 12 | 20 | 28 | 90 | 100 |
| 13 | 5 | 364 | 150 | 150 |
| 14 | 10 | 364 | 150 | 150 |
| 15 | 15 | 364 | 150 | 150 |
| 16 | 20 | 364 | 150 | 150 |
| 17 | 0 | 364 | 150 | 150 |
| 18 | 20 | 15 | 49 | 125 |
| 19 | 20 | 15 | 115 | 125 |
| 20 | 15 | 56 | 24 | 150 |
| 21 | 35 | 56 | 0 | 150 |
| 22 | 15 | 56 | 0 | 150 |
| 23 | 30 | 56 | 4 | 150 |
| 24 | 20 | 56 | 58 | 150 |
| 25 | 35 | 56 | 150 | 150 |
| 26 | 30 | 56 | 150 | 150 |
| 27 | 25 | 56 | 124 | 150 |
| 28 | 25 | 56 | 3 | 150 |
| 29 | 20 | 56 | 4 | 150 |
| 30 | 30 | 14 | 4 | 100 |
| 31 | 25 | 14 | 6 | 100 |
| 32 | 35 | 14 | 0 | 100 |
| 33 | 20 | 14 | 0 | 100 |
| 34 | 35 | 14 | 1 | 100 |
| 35 | 30 | 14 | 6 | 100 |
| 36 | 25 | 14 | 1 | 100 |
| 37 | 20 | 14 | 3 | 100 |
| 38 | 20 | 14 | 1 | 100 |
| 39 | 25 | 14 | 3 | 100 |
| 40 | 25 | 14 | 3 | 100 |
| 41 | 35 | 14 | 2 | 100 |
| 42 | 35 | 14 | 2 | 100 |
| 43 | 30 | 14 | 6 | 100 |
| 44 | 20 | 14 | 0 | 100 |
| 45 | 35 | 14 | 0 | 100 |
| 46 | 30 | 14 | 74 | 100 |
| 47 | 30 | 14 | 17 | 100 |
| 48 | 25 | 14 | 44 | 100 |
| 49 | 20 | 14 | 0 | 100 |
| 50 | 35 | 14 | 15 | 100 |
| 51 | 30 | 14 | 4 | 100 |
| 52 | 35 | 14 | 6 | 100 |
| 53 | 25 | 14 | 3 | 100 |
| 54 | 35 | 14 | 15 | 100 |
| 55 | 30 | 14 | 6 | 100 |
| 56 | 20 | 14 | 1 | 100 |
| 57 | 25 | 14 | 3 | 100 |
| 58 | 30 | 14 | 7 | 100 |
| 59 | | | | |
| 60 | | | | |

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|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 14 | 1 | 100 |
| 4 | 25 | 14 | 1 | 100 |
| 5 | 20 | 14 | 0 | 100 |
| 6 | 15 | 28 | 96 | 150 |
| 7 | 15 | 28 | 16 | 150 |
| 8 | 10 | 28 | 0 | 150 |
| 9 | 20 | 28 | 100 | 150 |
| 10 | 10 | 28 | 0 | 150 |
| 11 | 20 | 28 | 0 | 150 |
| 12 | 15 | 28 | 106 | 150 |
| 13 | 15 | 28 | 0 | 150 |
| 14 | 10 | 28 | 2 | 150 |
| 15 | 15 | 28 | 117 | 150 |
| 16 | 15 | 28 | 0 | 150 |
| 17 | 20 | 28 | 10 | 150 |
| 18 | 20 | 28 | 112 | 150 |
| 19 | 10 | 28 | 0 | 150 |
| 20 | 10 | 28 | 6 | 150 |
| 21 | 20 | 28 | 130 | 150 |
| 22 | 15 | 28 | 10 | 150 |
| 23 | 20 | 28 | 118 | 150 |
| 24 | 10 | 28 | 0 | 150 |
| 25 | 10 | 28 | 90 | 150 |
| 26 | 15 | 28 | 0 | 150 |
| 27 | 20 | 28 | 2 | 150 |
| 28 | 20 | 28 | 0 | 150 |
| 29 | 10 | 28 | 24 | 150 |
| 30 | 20 | 28 | 0 | 150 |
| 31 | 10 | 28 | 0 | 150 |
| 32 | 10 | 28 | 0 | 150 |
| 33 | 10 | 28 | 0 | 150 |
| 34 | 10 | 28 | 0 | 150 |
| 35 | 15 | 28 | 0 | 150 |
| 36 | 15 | 28 | 112 | 150 |
| 37 | 20 | 28 | 124 | 150 |
| 38 | 10 | 28 | 84 | 150 |
| 39 | 15 | 28 | 0 | 150 |
| 40 | 20 | 28 | 110 | 150 |
| 41 | 15 | 28 | 106 | 150 |
| 42 | 20 | 28 | 0 | 150 |
| 43 | 10 | 28 | 0 | 150 |
| 44 | 20 | 28 | 0 | 150 |
| 45 | 10 | 28 | 0 | 150 |
| 46 | 15 | 28 | 78 | 150 |
| 47 | 15 | 28 | 0 | 150 |
| 48 | 20 | 28 | 126 | 150 |
| 49 | 20 | 28 | 135 | 150 |
| 50 | 15 | 28 | 0 | 150 |
| 51 | 20 | 28 | 0 | 150 |
| 52 | 10 | 28 | 9 | 150 |
| 53 | 10 | 28 | 2 | 150 |
| 54 | 15 | 28 | 93 | 150 |
| 55 | 10 | 28 | 0 | 150 |
| 56 | 20 | 28 | 0 | 150 |
| 57 | 10 | 28 | 0 | 150 |
| 58 | 10 | 28 | 94 | 150 |
| 59 | 15 | 28 | 0 | 150 |
| 60 | | | | |

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|----|-------|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 | 28 | 0 | 150 |
| 4 | 15 | 28 | 10 | 150 |
| 5 | 20 | 28 | 0 | 150 |
| 6 | 20 | 28 | 94 | 150 |
| 7 | 20 | 28 | 140 | 150 |
| 8 | 10 | 28 | 0 | 150 |
| 9 | 15 | 28 | 111 | 150 |
| 10 | 20 | 25 | 136 | 150 |
| 11 | 15 | 60 | 196 | 200 |
| 12 | 15 | 60 | 6 | 200 |
| 13 | 20 | 60 | 190 | 200 |
| 14 | 20 | 60 | 96 | 200 |
| 15 | 15 | 70 | 4 | 45 |
| 16 | 15 | 70 | 20 | 45 |
| 17 | 15 | 70 | 2 | 45 |
| 18 | 15 | 70 | 32 | 45 |
| 19 | 15 | 14 | 83 | 100 |
| 20 | 15 | 90 | 27 | 400 |
| 21 | 15 | 90 | 94 | 400 |
| 22 | 25 | 90 | 80 | 400 |
| 23 | 15 | 90 | 40 | 400 |
| 24 | 25 | 90 | 194 | 400 |
| 25 | 25 | 90 | 333 | 400 |
| 26 | 25 | 90 | 192 | 400 |
| 27 | 20 | 90 | 92 | 400 |
| 28 | 15 | 90 | 204 | 400 |
| 29 | 20 | 90 | 199 | 400 |
| 30 | 20 | 90 | 327 | 400 |
| 31 | 20 | 90 | 293 | 400 |
| 32 | 20 | 14 | 49 | 60 |
| 33 | 20 | 14 | 20 | 60 |
| 34 | 20 | 14 | 50 | 60 |
| 35 | 20 | 14 | 11 | 60 |
| 36 | 20 | 14 | 28 | 60 |
| 37 | 20 | 14 | 44 | 60 |
| 38 | 20 | 28 | 97 | 100 |
| 39 | 20 | 28 | 100 | 100 |
| 40 | 10 | 21 | 148 | 150 |
| 41 | 20 | 21 | 82 | 150 |
| 42 | 15 | 21 | 38 | 150 |
| 43 | 20 | 21 | 150 | 150 |
| 44 | 20 | 21 | 90 | 150 |
| 45 | 20 | 21 | 148 | 150 |
| 46 | 10 | 21 | 2 | 150 |
| 47 | 15 | 21 | 148 | 150 |
| 48 | 15 NA | | 113 | 240 |
| 49 | 10 NA | | 60 | 240 |
| 50 | 5 NA | | 24 | 240 |
| 51 | 20 NA | | 137 | 240 |
| 52 | 15 | 28 | 129 | 150 |
| 53 | 20 | 28 | 316 | 400 |
| 54 | 20 | 28 | 308 | 400 |
| 55 | 20 | 28 | 340 | 400 |
| 56 | 20 | 28 | 384 | 400 |
| 57 | 20 | 28 | 352 | 400 |
| 58 | 20 | 28 | 372 | 400 |
| 59 | 20 | 28 | | |
| 60 | | | | |

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|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 14 | 133 | 225 |
| 4 | 25 | 14 | 173 | 225 |
| 5 | 20 | 28 | 376 | 400 |
| 6 | 20 | 28 | 388 | 400 |
| 7 | 20 | 28 | 376 | 400 |
| 8 | 20 | 28 | 380 | 400 |
| 9 | 20 | 28 | 352 | 400 |
| 10 | 20 | 28 | 328 | 400 |
| 11 | 20 | 28 | 380 | 400 |
| 12 | 20 | 28 | 372 | 400 |
| 13 | 20 | 28 | 372 | 400 |
| 14 | 20 | 28 | 364 | 400 |
| 15 | 25 | 21 | 261 | 300 |
| 16 | 25 | 21 | 138 | 300 |
| 17 | 25 | 21 | 224 | 300 |
| 18 | 25 | 21 | 285 | 300 |
| 19 | 25 | 21 | 231 | 300 |
| 20 | 20 | 21 | 90 | 120 |
| 21 | 10 | 14 | 24 | 50 |
| 22 | 25 | 28 | 100 | 100 |
| 23 | 10 | 28 | 84 | 100 |
| 24 | 15 | 28 | 100 | 100 |
| 25 | 15 | 28 | 78 | 100 |
| 26 | 20 | 28 | 30 | 100 |
| 27 | 15 | 28 | 50 | 100 |
| 28 | 20 | 28 | 10 | 100 |
| 29 | 25 | 28 | 1 | 100 |
| 30 | 25 | 30 | 0 | 150 |
| 31 | 25 | 15 | 51 | 150 |
| 32 | 20 | 30 | 6 | 150 |
| 33 | 20 | 15 | 128 | 150 |
| 34 | 20 | 15 | 122 | 150 |
| 35 | 20 | 15 | 122 | 150 |
| 36 | 10 | 30 | 33 | 150 |
| 37 | 15 | 15 | 138 | 150 |
| 38 | 20 | 15 | 150 | 150 |
| 39 | 20 | 30 | 10 | 150 |
| 40 | 20 | 15 | 148 | 150 |
| 41 | 15 | 15 | 150 | 150 |
| 42 | 15 | 15 | 110 | 150 |
| 43 | 10 | 15 | 116 | 150 |
| 44 | 25 | 15 | 68 | 150 |
| 45 | 10 | 15 | 124 | 150 |
| 46 | 25 | 15 | 110 | 150 |
| 47 | 15 | 30 | 30 | 150 |
| 48 | 20 | 15 | 114 | 150 |
| 49 | 15 | 42 | 141 | 150 |
| 50 | 10 | 42 | 0 | 150 |
| 51 | 5 | 42 | 125 | 150 |
| 52 | 15 | 42 | 147 | 150 |
| 53 | 10 | 42 | 139 | 150 |
| 54 | 15 | 42 | 139 | 150 |
| 55 | 25 | 42 | 16 | 150 |
| 56 | 15 | 42 | 12 | 150 |
| 57 | 15 | 42 | 1 | 150 |
| 58 | 15 | 42 | 0 | 150 |
| 59 | 15 | 42 | 0 | 150 |
| 60 | 15 | 42 | 0 | 150 |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 5 | 42 | 0 | 150 |
| 4 | 25 | 42 | 146 | 150 |
| 5 | 10 | 30 | 184 | 200 |
| 6 | 10 | 30 | 0 | 200 |
| 7 | 20 | 28 | 95 | 100 |
| 8 | 10 | 28 | 95 | 100 |
| 9 | 15 | 28 | 100 | 100 |
| 10 | 25 | 28 | 75 | 100 |
| 11 | 5 | 14 | 27 | 150 |
| 12 | 10 | 14 | 0 | 150 |
| 13 | 20 | 14 | 123 | 150 |
| 14 | 20 | 14 | 0 | 150 |
| 15 | 35 | 14 | 2 | 150 |
| 16 | 25 | 14 | 123 | 150 |
| 17 | 35 | 14 | 38 | 150 |
| 18 | 25 | 14 | 9 | 150 |
| 19 | 10 | 14 | 80 | 150 |
| 20 | 35 | 14 | 116 | 150 |
| 21 | 25 | 14 | 134 | 150 |
| 22 | 20 | 14 | 6 | 150 |
| 23 | 10 | 14 | 0 | 150 |
| 24 | 5 | 14 | 0 | 150 |
| 25 | 5 | 14 | 8 | 150 |
| 26 | 35 | 14 | 52 | 150 |
| 27 | 10 | 14 | 105 | 150 |
| 28 | 25 | 14 | 2 | 150 |
| 29 | 20 | 14 | 100 | 150 |
| 30 | 5 | 14 | 0 | 150 |
| 31 | 20 | 14 | 138 | 150 |
| 32 | 20 | 14 | 0 | 150 |
| 33 | 25 | 14 | 8 | 150 |
| 34 | 35 | 14 | 104 | 150 |
| 35 | 35 | 14 | 68 | 150 |
| 36 | 20 | 14 | 0 | 150 |
| 37 | 10 | 14 | 16 | 150 |
| 38 | 10 | 14 | 66 | 150 |
| 39 | 35 | 14 | 57 | 150 |
| 40 | 10 | 14 | 0 | 150 |
| 41 | 35 | 14 | 0 | 150 |
| 42 | 5 | 14 | 0 | 150 |
| 43 | 5 | 14 | 0 | 150 |
| 44 | 25 | 14 | 135 | 150 |
| 45 | 5 | 14 | 2 | 150 |
| 46 | 25 | 14 | 0 | 150 |
| 47 | 20 | 14 | 57 | 150 |
| 48 | 10 | 14 | 0 | 150 |
| 49 | 25 | 14 | 82 | 150 |
| 50 | 5 | 14 | 0 | 150 |
| 51 | 20 | NA | 400 | 400 |
| 52 | 5 | 252 | 42 | 99 |
| 53 | 5 | 252 | 85 | 99 |
| 54 | 20 | 30 | 43 | 99 |
| 55 | 20 | 30 | 50 | 99 |
| 56 | 5 | 252 | 0 | 99 |
| 57 | 20 | 7 | 250 | 250 |
| 58 | 10 | 14 | 8 | 50 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 21 | 250 | 250 |
| 4 | 20 | 21 | 300 | 300 |
| 5 | 20 | 21 | 300 | 300 |
| 6 | 25 | 30 | 22 | 50 |
| 7 | 15 | 30 | 21 | 50 |
| 8 | 15 | 30 | 42 | 50 |
| 9 | 10 | 30 | 24 | 50 |
| 10 | 25 | 30 | 40 | 50 |
| 11 | 10 | 30 | 42 | 50 |
| 12 | 10 | 30 | 29 | 50 |
| 13 | 15 | 30 | 30 | 50 |
| 14 | 25 | 30 | 28 | 50 |
| 15 | 25 | 30 | 40 | 50 |
| 16 | 15 | 30 | 45 | 50 |
| 17 | 10 | 30 | 45 | 50 |
| 18 | 10 | 30 | 38 | 50 |
| 19 | 10 | 30 | 44 | 50 |
| 20 | 25 | 30 | 37 | 50 |
| 21 | 15 | 30 | 43 | 50 |
| 22 | 15 | 30 | 45 | 50 |
| 23 | 25 | 30 | 42 | 50 |
| 24 | 20 | 30 | 40 | 50 |
| 25 | 15 | 30 | 48 | 50 |
| 26 | 10 | 30 | 48 | 50 |
| 27 | 10 | 30 | 48 | 50 |
| 28 | 25 | 30 | 40 | 50 |
| 29 | 15 | 30 | 44 | 50 |
| 30 | 20 | 30 | 18 | 50 |
| 31 | 25 | 30 | 45 | 50 |
| 32 | 20 | 130 | 174 | 200 |
| 33 | 25 | 21 | 210 | 300 |
| 34 | 25 | 28 | 278 | 300 |
| 35 | 25 | 28 | 247 | 300 |
| 36 | 20 NA | | 210 | 300 |
| 37 | 5 NA | | 210 | 300 |
| 38 | 15 NA | | 204 | 300 |
| 39 | 20 NA | | 231 | 300 |
| 40 | 20 NA | | 213 | 300 |
| 41 | 25 NA | | 207 | 300 |
| 42 | 10 NA | | 225 | 300 |
| 43 | 10 NA | | 207 | 300 |
| 44 | 20 NA | | 210 | 300 |
| 45 | 25 NA | | 225 | 300 |
| 46 | 10 NA | | 213 | 300 |
| 47 | 25 NA | | 228 | 300 |
| 48 | 15 NA | | 216 | 300 |
| 49 | 10 NA | | 219 | 300 |
| 50 | 5 NA | | 123 | 300 |
| 51 | 15 NA | | 210 | 300 |
| 52 | 25 | 28 | 273 | 300 |
| 53 | 25 | 28 | 229 | 300 |
| 54 | 25 | 28 | 268 | 300 |
| 55 | 25 | 28 | 229 | 300 |
| 56 | 25 | 28 | 239 | 300 |
| 57 | 25 | 28 | 284 | 300 |
| 58 | 25 | 28 | 293 | 300 |
| 59 | 25 | 28 | | |
| 60 | 25 | 28 | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 28 | 260 | 300 |
| 4 | 25 | 28 | 230 | 300 |
| 5 | 25 | 28 | 207 | 300 |
| 6 | 20 | 28 | 55 | 100 |
| 7 | 15 | 28 | 55 | 100 |
| 8 | 25 | 28 | 12 | 100 |
| 9 | 10 | 28 | 39 | 100 |
| 10 | 10 | 28 | 45 | 100 |
| 11 | 20 | 28 | 49 | 100 |
| 12 | 25 | 28 | 14 | 100 |
| 13 | 15 | 28 | 84 | 100 |
| 14 | 15 | 28 | 72 | 100 |
| 15 | 25 | 28 | 28 | 100 |
| 16 | 10 | 28 | 68 | 100 |
| 17 | 20 | 28 | 59 | 100 |
| 18 | 25 | 15 | 2 | 150 |
| 19 | 25 | 15 | 96 | 150 |
| 20 | 20 | 3 | 194 | 200 |
| 21 | 10 | 3 | 180 | 200 |
| 22 | 15 | 3 | 190 | 200 |
| 23 | 5 | 3 | 196 | 200 |
| 24 | 25 | 3 | 184 | 200 |
| 25 | 15 | 42 | 736 | 800 |
| 26 | 20 | 20 | 0 | 100 |
| 27 | 25 | 20 | 33 | 100 |
| 28 | 5 | 20 | 30 | 100 |
| 29 | 30 | 20 | 0 | 100 |
| 30 | 20 | 20 | 72 | 100 |
| 31 | 15 | 20 | 0 | 100 |
| 32 | 15 | 20 | 72 | 100 |
| 33 | 10 | 20 | 0 | 100 |
| 34 | 10 | 20 | 39 | 100 |
| 35 | 25 | 20 | 0 | 100 |
| 36 | 5 | 20 | 0 | 100 |
| 37 | 30 | 20 | 0 | 100 |
| 38 | 20 | 62 | 34 | 300 |
| 39 | 20 | 62 | 235 | 300 |
| 40 | 10 | 294 | 0 | 150 |
| 41 | 5 | 294 | 134 | 150 |
| 42 | 15 | 294 | 0 | 150 |
| 43 | 5 | 294 | 150 | 150 |
| 44 | 10 | 20 | 2 | 150 |
| 45 | 30 | 20 | 0 | 150 |
| 46 | 5 | 20 | 0 | 150 |
| 47 | 20 | 20 | 3 | 150 |
| 48 | 25 | 20 | 0 | 150 |
| 49 | 20 | 20 | 8 | 150 |
| 50 | 15 | 20 | 46 | 150 |
| 51 | 25 | 20 | 6 | 150 |
| 52 | 15 | 20 | 21 | 150 |
| 53 | 10 | 20 | 12 | 150 |
| 54 | 15 | 30 | 312 | 400 |
| 55 | 15 | 30 | 364 | 400 |
| 56 | 25 | 30 | 376 | 400 |
| 57 | 20 | 30 | 328 | 400 |
| 58 | 5 | 30 | 0 | 400 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 5 | 30 | 0 | 400 |
| 4 | 15 | 30 | 384 | 400 |
| 5 | 25 | 30 | 344 | 400 |
| 6 | 10 | 21 | 186 | 315 |
| 7 | 10 | 21 | 195 | 315 |
| 8 | 10 | 21 | 268 | 315 |
| 9 | 10 | 21 | 211 | 315 |
| 10 | 20 | 20 | 100 | 100 |
| 11 | 20 | 160 | 99 | 100 |
| 12 | 20 | 20 | 94 | 100 |
| 13 | 30 | 30 | 103 | 210 |
| 14 | 20 | 21 | 282 | 300 |
| 15 | 10 NA | | 95 | 100 |
| 16 | 30 NA | | 95 | 100 |
| 17 | 20 NA | | 95 | 100 |
| 18 | 15 | 180 | 48 | 150 |
| 19 | 20 NA | | 68 | 150 |
| 20 | 10 | 180 | 40 | 150 |
| 21 | 20 | 180 | 57 | 150 |
| 22 | 20 NA | | 69 | 150 |
| 23 | 20 | 21 | 196 | 200 |
| 24 | 10 | 21 | 68 | 200 |
| 25 | 25 | 21 | 192 | 200 |
| 26 | 10 | 21 | 48 | 200 |
| 27 | 25 | 21 | 196 | 200 |
| 28 | 10 | 21 | 0 | 200 |
| 29 | 20 | 21 | 198 | 200 |
| 30 | 15 | 21 | 192 | 200 |
| 31 | 20 | 21 | 192 | 200 |
| 32 | 10 | 21 | 158 | 200 |
| 33 | 10 | 21 | 52 | 200 |
| 34 | 15 | 21 | 182 | 200 |
| 35 | 15 | 21 | 164 | 200 |
| 36 | 10 | 21 | 46 | 200 |
| 37 | 25 | 21 | 174 | 200 |
| 38 | 10 | 21 | 156 | 200 |
| 39 | 15 | 21 | 170 | 200 |
| 40 | 20 | 21 | 166 | 200 |
| 41 | 15 | 21 | 172 | 200 |
| 42 | 10 | 21 | 0 | 200 |
| 43 | 10 | 21 | 110 | 200 |
| 44 | 20 | 21 | 176 | 200 |
| 45 | 20 | 21 | 170 | 200 |
| 46 | 15 | 21 | 162 | 200 |
| 47 | 10 | 21 | 20 | 200 |
| 48 | 25 | 21 | 174 | 200 |
| 49 | 15 | 21 | 198 | 200 |
| 50 | 10 | 21 | 30 | 200 |
| 51 | 20 | 21 | 196 | 200 |
| 52 | 10 | 21 | 0 | 200 |
| 53 | 10 | 21 | 154 | 200 |
| 54 | 20 | 21 | 196 | 200 |
| 55 | 15 | 21 | 190 | 200 |
| 56 | 25 | 21 | 192 | 200 |
| 57 | 10 | 21 | 42 | 200 |
| 58 | 25 | 21 | 196 | 200 |
| 59 | 10 | 21 | 42 | 200 |
| 60 | 25 | 21 | 196 | 200 |

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|----|-------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 10 | 21 | 68 | 200 |
| 4 | 15 | 21 | 174 | 200 |
| 5 | 20 | 21 | 194 | 200 |
| 6 | 35 | 30 | 384 | 420 |
| 7 | 25 | 30 | 386 | 420 |
| 8 | 15 | 30 | 46 | 420 |
| 9 | 35 | 30 | 361 | 420 |
| 10 | 15 | 30 | 98 | 420 |
| 11 | 25 | 30 | 385 | 420 |
| 12 | 35 | 30 | 364 | 420 |
| 13 | 25 | 30 | 390 | 420 |
| 14 | 15 | 30 | 59 | 420 |
| 15 | 15 | 30 | 89 | 420 |
| 16 | 35 | 30 | 352 | 420 |
| 17 | 25 | 30 | 392 | 420 |
| 18 | 15 | 30 | 55 | 420 |
| 19 | 25 | 30 | 386 | 420 |
| 20 | 35 | 30 | 367 | 420 |
| 21 | 25 | 30 | 387 | 420 |
| 22 | 35 | 30 | 367 | 420 |
| 23 | 15 | 30 | 99 | 420 |
| 24 | 25 | 14 | 40 | 40 |
| 25 | 25 | 14 | 12 | 40 |
| 26 | 30 | 14 | 28 | 40 |
| 27 | 20 NA | | 9 | 150 |
| 28 | 15 | 180 | 6 | 150 |
| 29 | 20 | 180 | 3 | 150 |
| 30 | 20 NA | | 74 | 150 |
| 31 | 10 | 180 | 3 | 150 |
| 32 | 20 | 20 | 33 | 500 |
| 33 | 20 | 20 | 156 | 500 |
| 34 | 20 | 20 | 14 | 500 |
| 35 | 20 | 20 | 58 | 500 |
| 36 | 20 | 28 | 60 | 100 |
| 37 | 25 | 28 | 63 | 150 |
| 38 | 20 | 28 | 48 | 150 |
| 39 | 25 | 28 | 57 | 150 |
| 40 | 20 | 28 | 93 | 150 |
| 41 | 25 | 21 | 178 | 200 |
| 42 | 25 | 21 | 146 | 200 |
| 43 | 25 | 21 | 131 | 200 |
| 44 | 25 | 21 | 86 | 200 |
| 45 | 25 | 21 | 117 | 200 |
| 46 | 25 | 21 | 158 | 200 |
| 47 | 25 | 21 | 147 | 200 |
| 48 | 10 | 180 | 72 | 150 |
| 49 | 15 | 180 | 62 | 150 |
| 50 | 20 | 180 | 69 | 150 |
| 51 | 20 NA | | 74 | 150 |
| 52 | 20 NA | | 72 | 150 |
| 53 | 25 | 21 | 101 | 200 |
| 54 | 15 | 28 | 410 | 450 |
| 55 | 25 | 28 | 45 | 45 |
| 56 | 25 | 30 | 93 | 100 |
| 57 | 25 | 30 | 73 | 100 |
| 58 | 25 | 30 | 61 | 100 |
| 59 | | | | |
| 60 | | | | |

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|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 | NA | 54 | 160 |
| 4 | 25 | NA | 145 | 160 |
| 5 | 25 | NA | 43 | 160 |
| 6 | 10 | NA | 35 | 160 |
| 7 | 25 | NA | 144 | 160 |
| 8 | 10 | NA | 148 | 150 |
| 9 | 15 | NA | 130 | 160 |
| 10 | 15 | NA | 147 | 150 |
| 11 | 10 | NA | 146 | 160 |
| 12 | 10 | NA | 1 | 160 |
| 13 | 15 | NA | 0 | 150 |
| 14 | 15 | NA | 145 | 160 |
| 15 | 10 | NA | 65 | 160 |
| 16 | 15 | NA | 19 | 160 |
| 17 | 25 | NA | 61 | 160 |
| 18 | 15 | 42 | 48 | 50 |
| 19 | 35 | 42 | 37 | 50 |
| 20 | 25 | 42 | 50 | 50 |
| 21 | 10 | 42 | 47 | 50 |
| 22 | 20 | 42 | 50 | 50 |
| 23 | 5 | 42 | 0 | 50 |
| 24 | 10 | 42 | 49 | 50 |
| 25 | 10 | 42 | 42 | 50 |
| 26 | 35 | 42 | 34 | 50 |
| 27 | 10 | 42 | 41 | 50 |
| 28 | 15 | 42 | 42 | 50 |
| 29 | 30 | 42 | 43 | 50 |
| 30 | 10 | 42 | 40 | 50 |
| 31 | 25 | 42 | 6 | 50 |
| 32 | 30 | 42 | 7 | 50 |
| 33 | 10 | 42 | 49 | 50 |
| 34 | 20 | 42 | 42 | 50 |
| 35 | 5 | 42 | 0 | 50 |
| 36 | 20 | 28 | 38 | 60 |
| 37 | 20 | 28 | 54 | 60 |
| 38 | 25 | 80 | 168 | 200 |
| 39 | 20 | 80 | 191 | 200 |
| 40 | 10 | 80 | 186 | 200 |
| 41 | 15 | 80 | 200 | 200 |
| 42 | 10 | 80 | 200 | 200 |
| 43 | 20 | 80 | 200 | 200 |
| 44 | 15 | 80 | 158 | 200 |
| 45 | 25 | 80 | 200 | 200 |
| 46 | 20 | 30 | 34 | 45 |
| 47 | 20 | 30 | 10 | 45 |
| 48 | 15 | 14 | 100 | 100 |
| 49 | 0 | 84 | 100 | 100 |
| 50 | 15 | 14 | 46 | 100 |
| 51 | 15 | 14 | 96 | 100 |
| 52 | 0 | 84 | 100 | 100 |
| 53 | 15 | 14 | 100 | 100 |
| 54 | 15 | 14 | 58 | 100 |
| 55 | 25 | 21 | 328 | 400 |
| 56 | 25 | 21 | 194 | 400 |
| 57 | 20 | 28 | 211 | 400 |
| 58 | 25 | 27 | 245 | 400 |
| 59 | | | | |
| 60 | | | | |

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|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 21 | 128 | 400 |
| 4 | 25 | 21 | 400 | 400 |
| 5 | 25 | 21 | 336 | 400 |
| 6 | 25 | 7 | 95 | 100 |
| 7 | 25 | 27 | 379 | 400 |
| 8 | 25 | 7 | 29 | 100 |
| 9 | 25 | 28 | 15 | 150 |
| 10 | 20 | 28 | 150 | 150 |
| 11 | 20 | 28 | 22 | 150 |
| 12 | 15 | 28 | 98 | 150 |
| 13 | 10 | 28 | 0 | 150 |
| 14 | 10 | 28 | 38 | 150 |
| 15 | 25 | 28 | 0 | 150 |
| 16 | 15 | 28 | 82 | 150 |
| 17 | 15 | 14 | 41 | 100 |
| 18 | 30 | 14 | 92 | 100 |
| 19 | 30 | 14 | 40 | 100 |
| 20 | 15 | 14 | 94 | 100 |
| 21 | 25 | NA | 2 | 150 |
| 22 | 25 | NA | 150 | 150 |
| 23 | 15 | 70 | 150 | 250 |
| 24 | 25 | 70 | 35 | 250 |
| 25 | 15 | 70 | 40 | 250 |
| 26 | 25 | 70 | 142 | 250 |
| 27 | 20 | 70 | 44 | 250 |
| 28 | 25 | 70 | 51 | 250 |
| 29 | 30 | 70 | 18 | 250 |
| 30 | 30 | 70 | 18 | 250 |
| 31 | 20 | 70 | 45 | 250 |
| 32 | 10 | 70 | 33 | 250 |
| 33 | 15 | 70 | 56 | 250 |
| 34 | 20 | 70 | 142 | 250 |
| 35 | 20 | 13 | 292 | 300 |
| 36 | 25 | 15 | 114 | 150 |
| 37 | 25 | 21 | 380 | 400 |
| 38 | 25 | 21 | 384 | 400 |
| 39 | 25 | 21 | 104 | 200 |
| 40 | 25 | 21 | 178 | 200 |
| 41 | 25 | 21 | 128 | 200 |
| 42 | 25 | 60 | 15 | 160 |
| 43 | 25 | 60 | 50 | 160 |
| 44 | 5 | 60 | 3 | 160 |
| 45 | 10 | 60 | 71 | 160 |
| 46 | 15 | 60 | 26 | 160 |
| 47 | 5 | 60 | 27 | 160 |
| 48 | 25 | 21 | 356 | 400 |
| 49 | 20 | 5 | 4 | 200 |
| 50 | 20 | 5 | 30 | 200 |
| 51 | 20 | 22 | 23 | 100 |
| 52 | 20 | 22 | 120 | 500 |
| 53 | 20 | 22 | 250 | 500 |
| 54 | 20 | 22 | 58 | 450 |
| 55 | 20 | 20 | 32 | 40 |
| 56 | 20 | 20 | 0 | 40 |
| 57 | 15 | 40 | 295 | 300 |
| 58 | 40 | 40 | 174 | 300 |
| 59 | | | | |
| 60 | | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 40 | 294 | 300 |
| 4 | 25 | 40 | 283 | 300 |
| 5 | 10 | 40 | 289 | 300 |
| 6 | 25 | 40 | 282 | 300 |
| 7 | 30 | 40 | 270 | 300 |
| 8 | 15 | 40 | 291 | 300 |
| 9 | 30 | 40 | 283 | 300 |
| 10 | 35 | 40 | 253 | 300 |
| 11 | 35 | 40 | 218 | 300 |
| 12 | 10 | 40 | 285 | 300 |
| 13 | 10 | 40 | 273 | 300 |
| 14 | 30 | 40 | 262 | 300 |
| 15 | 20 | 40 | 293 | 300 |
| 16 | 20 | 40 | 293 | 300 |
| 17 | 5 | 40 | 5 | 300 |
| 18 | 10 | 28 | 141 | 300 |
| 19 | 25 | 28 | 87 | 300 |
| 20 | 10 | 28 | 81 | 300 |
| 21 | 25 | 28 | 18 | 300 |
| 22 | 10 | 28 | 117 | 300 |
| 23 | 25 | 28 | 96 | 300 |
| 24 | 10 | 28 | 99 | 300 |
| 25 | 25 | 28 | 48 | 300 |
| 26 | 25 | 28 | 39 | 300 |
| 27 | 10 | 28 | 123 | 300 |
| 28 | 20 | 30 | 212 | 250 |
| 29 | 25 | 30 | 208 | 250 |
| 30 | 10 | 30 | 225 | 250 |
| 31 | 25 | 30 | 242 | 250 |
| 32 | 20 | 30 | 208 | 250 |
| 33 | 15 | 30 | 212 | 250 |
| 34 | 15 | 30 | 225 | 250 |
| 35 | 10 | 30 | 212 | 250 |
| 36 | 25 | 120 | 196 | 400 |
| 37 | 25 | 120 | 192 | 400 |
| 38 | 20 | 14 | 81 | 100 |
| 39 | 20 | 14 | 21 | 100 |
| 40 | 15 | 14 | 14 | 100 |
| 41 | 20 | 14 | 100 | 100 |
| 42 | 25 | 14 | 100 | 100 |
| 43 | 30 | 14 | 99 | 100 |
| 44 | 35 | 14 | 84 | 100 |
| 45 | 25 | 14 | 100 | 100 |
| 46 | 20 | 14 | 59 | 100 |
| 47 | 20 | 14 | 99 | 100 |
| 48 | 30 | 14 | 98 | 100 |
| 49 | 35 | 14 | 82 | 100 |
| 50 | 20 | 14 | 10 | 100 |
| 51 | 15 | 14 | 2 | 100 |
| 52 | 20 | 15 | 150 | 150 |
| 53 | 5 | 15 | 150 | 150 |
| 54 | 15 | 15 | 150 | 150 |
| 55 | 15 | 60 | 123 | 150 |
| 56 | 15 | 60 | 0 | 150 |
| 57 | 10 | 15 | 150 | 150 |
| 58 | 20 | 15 | 150 | 150 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 15 | 0 | 150 |
| 4 | 25 | 28 | 58 | 400 |
| 5 | 25 | 28 | 168 | 400 |
| 6 | 20 | 28 | 230 | 400 |
| 7 | 20 | 28 | 260 | 400 |
| 8 | 25 | 28 | 64 | 400 |
| 9 | 20 | 28 | 69 | 400 |
| 10 | 20 | 28 | 98 | 400 |
| 11 | 25 | 28 | 178 | 400 |
| 12 | 20 | 28 | 66 | 400 |
| 13 | 20 | 28 | 63 | 400 |
| 14 | 20 | 28 | 192 | 400 |
| 15 | 20 | 28 | 262 | 400 |
| 16 | 25 | 28 | 92 | 400 |
| 17 | 25 | 28 | 26 | 400 |
| 18 | 25 | 28 | 33 | 400 |
| 19 | 25 | 28 | 86 | 400 |
| 20 | 5 | 245 | 184 | 200 |
| 21 | 25 | 20 | 0 | 50 |
| 22 | 25 | 20 | 42 | 50 |
| 23 | 20 | 20 | 0 | 50 |
| 24 | 20 | 20 | 50 | 50 |
| 25 | 15 | 20 | 50 | 50 |
| 26 | 20 | 20 | 50 | 50 |
| 27 | 15 | 20 | 4 | 50 |
| 28 | 15 | 20 | 50 | 50 |
| 29 | 15 | 20 | 50 | 50 |
| 30 | 25 | 20 | 50 | 50 |
| 31 | 25 | 20 | 50 | 50 |
| 32 | 15 | 20 | 44 | 50 |
| 33 | 25 | 20 | 0 | 50 |
| 34 | 15 | 20 | 0 | 50 |
| 35 | 15 | 20 | 0 | 50 |
| 36 | 15 | 20 | 50 | 50 |
| 37 | 25 | 20 | 36 | 50 |
| 38 | 15 | 20 | 50 | 50 |
| 39 | 15 | 20 | 44 | 50 |
| 40 | 15 | 20 | 38 | 50 |
| 41 | 15 | 20 | 0 | 50 |
| 42 | 5 NA | | 69 | 100 |
| 43 | 15 NA | | 88 | 100 |
| 44 | 10 NA | | 93 | 100 |
| 45 | 25 NA | | 87 | 100 |
| 46 | 30 NA | | 75 | 100 |
| 47 | 20 NA | | 95 | 100 |
| 48 | 15 NA | | 88 | 100 |
| 49 | 10 NA | | 97 | 100 |
| 50 | 20 NA | | 88 | 100 |
| 51 | 30 NA | | 65 | 100 |
| 52 | 25 NA | | 90 | 100 |
| 53 | 5 NA | | 62 | 100 |
| 54 | 20 NA | | 78 | 100 |
| 55 | 25 NA | | 91 | 100 |
| 56 | 10 NA | | 92 | 100 |
| 57 | 5 NA | | 82 | 100 |
| 58 | 30 NA | | 72 | 100 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 NA | | 94 | 100 |
| 4 | 25 | 20 | 79 | 100 |
| 5 | 25 | 20 | 43 | 100 |
| 6 | 25 | 20 | 8 | 100 |
| 7 | 25 | 20 | 12 | 100 |
| 8 | 25 | 20 | 93 | 100 |
| 9 | 25 | 20 | 5 | 100 |
| 10 | 5 NA | | 47 | 100 |
| 11 | 15 NA | | 65 | 100 |
| 12 | 25 NA | | 61 | 100 |
| 13 | 20 NA | | 71 | 100 |
| 14 | 10 NA | | 89 | 100 |
| 15 | 30 NA | | 52 | 100 |
| 16 | 25 | 48 | 325 | 500 |
| 17 | 25 | 48 | 285 | 500 |
| 18 | 15 | 30 | 100 | 200 |
| 19 | 10 | 15 | 237 | 300 |
| 20 | 15 | 15 | 270 | 300 |
| 21 | 25 | 15 | 180 | 300 |
| 22 | 20 | 15 | 234 | 300 |
| 23 | 20 | 15 | 258 | 300 |
| 24 | 25 | 15 | 207 | 300 |
| 25 | 30 | 15 | 105 | 300 |
| 26 | 30 | 15 | 69 | 300 |
| 27 | 10 | 15 | 270 | 300 |
| 28 | 5 | 15 | 30 | 300 |
| 29 | 30 | 15 | 51 | 300 |
| 30 | 15 | 15 | 270 | 300 |
| 31 | 10 | 15 | 270 | 300 |
| 32 | 20 | 15 | 270 | 300 |
| 33 | 20 | 10 | 364 | 450 |
| 34 | 20 | 60 | 56 | 150 |
| 35 | 20 | 60 | 108 | 150 |
| 36 | 20 | 60 | 22 | 150 |
| 37 | 20 | 60 | 0 | 150 |
| 38 | 15 | 56 | 90 | 100 |
| 39 | 20 | 2 | 48 | 50 |
| 40 | 15 | 22 | 98 | 100 |
| 41 | 10 | 22 | 90 | 100 |
| 42 | 10 | 22 | 18 | 100 |
| 43 | 25 | 22 | 90 | 100 |
| 44 | 15 | 22 | 99 | 100 |
| 45 | 25 | 22 | 95 | 100 |
| 46 | 10 | 22 | 98 | 100 |
| 47 | 15 | 22 | 91 | 100 |
| 48 | 15 | 22 | 62 | 100 |
| 49 | 25 | 22 | 98 | 100 |
| 50 | 10 | 22 | 98 | 100 |
| 51 | 25 | 22 | 95 | 100 |
| 52 | 25 | 14 | 97 | 100 |
| 53 | 15 | 23 | 81 | 100 |
| 54 | 25 | 14 | 70 | 100 |
| 55 | 25 | 14 | 86 | 100 |
| 56 | 15 | 21 | 18 | 300 |
| 57 | 15 | 21 | 291 | 300 |
| 58 | 20 | 21 | 12 | 300 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 21 | 60 | 300 |
| 4 | 10 | 21 | 33 | 300 |
| 5 | 15 | 21 | 237 | 300 |
| 6 | 15 | 21 | 63 | 300 |
| 7 | 10 | 21 | 24 | 300 |
| 8 | 25 | 14 | 68 | 90 |
| 9 | 25 | 28 | 0 | 50 |
| 10 | 25 | 28 | 0 | 50 |
| 11 | 25 | 28 | 5 | 50 |
| 12 | 25 | 28 | 32 | 50 |
| 13 | 20 NA | | 27 | 30 |
| 14 | 15 NA | | 27 | 30 |
| 15 | 20 NA | | 14 | 30 |
| 16 | 20 NA | | 24 | 30 |
| 17 | 20 NA | | 27 | 30 |
| 18 | 20 NA | | 0 | 30 |
| 19 | 20 NA | | 27 | 30 |
| 20 | 20 NA | | 27 | 30 |
| 21 | 20 NA | | 22 | 30 |
| 22 | 20 NA | | 27 | 30 |
| 23 | 20 NA | | 0 | 30 |
| 24 | 20 NA | | 0 | 30 |
| 25 | 15 NA | | 24 | 30 |
| 26 | 20 NA | | 20 | 30 |
| 27 | 20 NA | | 6 | 30 |
| 28 | 20 NA | | 14 | 30 |
| 29 | 20 NA | | 16 | 30 |
| 30 | 20 NA | | 27 | 30 |
| 31 | 20 NA | | 2 | 30 |
| 32 | 20 NA | | 28 | 30 |
| 33 | 20 NA | | 25 | 30 |
| 34 | 20 NA | | 26 | 30 |
| 35 | 15 NA | | 0 | 30 |
| 36 | 15 NA | | 23 | 30 |
| 37 | 20 NA | | 14 | 30 |
| 38 | 20 NA | | 0 | 30 |
| 39 | 20 NA | | 24 | 30 |
| 40 | 20 NA | | 26 | 30 |
| 41 | 20 NA | | 18 | 30 |
| 42 | 20 NA | | 24 | 30 |
| 43 | 20 NA | | 15 | 30 |
| 44 | 20 NA | | 0 | 30 |
| 45 | 20 NA | | 27 | 30 |
| 46 | 20 NA | | 3 | 30 |
| 47 | 20 NA | | 29 | 30 |
| 48 | 20 NA | | 23 | 30 |
| 49 | 20 NA | | 0 | 30 |
| 50 | 20 NA | | 27 | 30 |
| 51 | 15 NA | | 30 | 30 |
| 52 | 20 NA | | 27 | 30 |
| 53 | 20 NA | | 23 | 30 |
| 54 | 20 NA | | 29 | 30 |
| 55 | 20 NA | | 14 | 30 |
| 56 | 20 NA | | 0 | 30 |
| 57 | 20 NA | | 29 | 30 |
| 58 | 20 NA | | 27 | 30 |
| 59 | 20 NA | | | |
| 60 | 20 NA | | | |

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|----|-------|----|----|
| 1 | | | |
| 2 | | | |
| 3 | 20 NA | 27 | 30 |
| 4 | 20 NA | 22 | 30 |
| 5 | 20 NA | 27 | 30 |
| 6 | 20 NA | 16 | 30 |
| 7 | 20 NA | 24 | 30 |
| 8 | 20 NA | 22 | 30 |
| 9 | 20 NA | 0 | 30 |
| 10 | 20 NA | 22 | 30 |
| 11 | 20 NA | 26 | 30 |
| 12 | 20 NA | 0 | 30 |
| 13 | 20 NA | 16 | 30 |
| 14 | 20 NA | 15 | 30 |
| 15 | 20 NA | 28 | 30 |
| 16 | 20 NA | 8 | 30 |
| 17 | 20 NA | 22 | 30 |
| 18 | 20 NA | 9 | 30 |
| 19 | 20 NA | 23 | 30 |
| 20 | 20 NA | 26 | 30 |
| 21 | 20 NA | 29 | 30 |
| 22 | 20 NA | 27 | 30 |
| 23 | 20 NA | 26 | 30 |
| 24 | 20 NA | 6 | 30 |
| 25 | 20 NA | 24 | 30 |
| 26 | 20 NA | 26 | 30 |
| 27 | 20 NA | 0 | 30 |
| 28 | 20 NA | 30 | 30 |
| 29 | 20 NA | 24 | 30 |
| 30 | 20 NA | 0 | 30 |
| 31 | 20 NA | 29 | 30 |
| 32 | 20 NA | 0 | 30 |
| 33 | 15 NA | 27 | 30 |
| 34 | 15 NA | 20 | 30 |
| 35 | 20 NA | 22 | 30 |
| 36 | 20 NA | 22 | 30 |
| 37 | 20 NA | 27 | 30 |
| 38 | 15 NA | 22 | 30 |
| 39 | 20 NA | 15 | 30 |
| 40 | 20 NA | 26 | 30 |
| 41 | 15 NA | 0 | 30 |
| 42 | 20 NA | 6 | 30 |
| 43 | 15 NA | 18 | 30 |
| 44 | 20 NA | 0 | 30 |
| 45 | 20 NA | 30 | 30 |
| 46 | 20 NA | 29 | 30 |
| 47 | 20 NA | 12 | 30 |
| 48 | 20 NA | 9 | 30 |
| 49 | 20 NA | 27 | 30 |
| 50 | 20 NA | 6 | 30 |
| 51 | 15 NA | 16 | 30 |
| 52 | 20 NA | 26 | 30 |
| 53 | 15 NA | 22 | 30 |
| 54 | 20 NA | 14 | 30 |
| 55 | 20 NA | 26 | 30 |
| 56 | 20 NA | 16 | 30 |
| 57 | 20 NA | 20 | 30 |
| 58 | 20 NA | 16 | 30 |
| 59 | 20 NA | 16 | 30 |
| 60 | 20 NA | 16 | 30 |

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|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | NA | 22 | 30 |
| 4 | 20 | NA | 14 | 30 |
| 5 | 20 | NA | 22 | 30 |
| 6 | 20 | NA | 30 | 30 |
| 7 | 20 | NA | 15 | 30 |
| 8 | 20 | NA | 20 | 30 |
| 9 | 20 | NA | 28 | 30 |
| 10 | 20 | NA | 13 | 30 |
| 11 | 20 | NA | 22 | 30 |
| 12 | 20 | NA | 16 | 30 |
| 13 | 20 | NA | 29 | 30 |
| 14 | 15 | NA | 24 | 30 |
| 15 | 20 | NA | 16 | 30 |
| 16 | 15 | NA | 26 | 30 |
| 17 | 15 | NA | 0 | 30 |
| 18 | 20 | NA | 15 | 30 |
| 19 | 20 | NA | 0 | 30 |
| 20 | 20 | NA | 0 | 30 |
| 21 | 20 | | 40 | 50 |
| 22 | 20 | 12 | 36 | 50 |
| 23 | 20 | 12 | 28 | 50 |
| 24 | 20 | 12 | 46 | 50 |
| 25 | 20 | 13 | 163 | 320 |
| 26 | 20 | 13 | 198 | 320 |
| 27 | 30 | 13 | 51 | 320 |
| 28 | 10 | 13 | 122 | 320 |
| 29 | 15 | 13 | 141 | 320 |
| 30 | 25 | 13 | 157 | 320 |
| 31 | 35 | 13 | 10 | 320 |
| 32 | 25 | 13 | 90 | 320 |
| 33 | 15 | 10 | 112 | 125 |
| 34 | 15 | 25 | 0 | 100 |
| 35 | 20 | 33 | 46 | 100 |
| 36 | 20 | 25 | 106 | 150 |
| 37 | 15 | 23 | 64 | 100 |
| 38 | 15 | 11 | 80 | 250 |
| 39 | 20 | 28 | 380 | 400 |
| 40 | 15 | 50 | 38 | 40 |
| 41 | 30 | 50 | 40 | 40 |
| 42 | 20 | 50 | 38 | 40 |
| 43 | 20 | 50 | 40 | 40 |
| 44 | 20 | 70 | 40 | 40 |
| 45 | 10 | 50 | 31 | 40 |
| 46 | 30 | 70 | 38 | 40 |
| 47 | 10 | 50 | 32 | 40 |
| 48 | 15 | 70 | 23 | 40 |
| 49 | 25 | 50 | 40 | 40 |
| 50 | 30 | 50 | 40 | 40 |
| 51 | 15 | 50 | 36 | 40 |
| 52 | 25 | 70 | 40 | 40 |
| 53 | 15 | 50 | 36 | 40 |
| 54 | 15 | 70 | 32 | 40 |
| 55 | 25 | 70 | 40 | 40 |
| 56 | 15 | 70 | 26 | 40 |
| 57 | 25 | 70 | 40 | 40 |
| 58 | 15 | 70 | 28 | 40 |
| 59 | 25 | 70 | | |
| 60 | 15 | 70 | | |

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|----|----|----|----|----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 50 | 40 | 40 |
| 4 | 30 | 70 | 40 | 40 |
| 5 | 25 | 50 | 40 | 40 |
| 6 | 25 | 50 | 40 | 40 |
| 7 | 15 | 50 | 36 | 40 |
| 8 | 10 | 70 | 0 | 40 |
| 9 | 30 | 70 | 0 | 40 |
| 10 | 30 | 50 | 0 | 40 |
| 11 | 15 | 50 | 38 | 40 |
| 12 | 20 | 85 | 32 | 40 |
| 13 | 15 | 85 | 34 | 40 |
| 14 | 15 | 70 | 25 | 40 |
| 15 | 20 | 85 | 12 | 40 |
| 16 | 20 | 70 | 28 | 40 |
| 17 | 25 | 70 | 0 | 40 |
| 18 | 10 | 85 | 7 | 40 |
| 19 | 25 | 70 | 0 | 40 |
| 20 | 25 | 70 | 0 | 40 |
| 21 | 30 | 70 | 0 | 40 |
| 22 | 25 | 85 | 2 | 40 |
| 23 | 25 | 50 | 8 | 40 |
| 24 | 10 | 70 | 32 | 40 |
| 25 | 25 | 85 | 18 | 40 |
| 26 | 25 | 70 | 0 | 40 |
| 27 | 25 | 85 | 4 | 40 |
| 28 | 15 | 70 | 2 | 40 |
| 29 | 15 | 85 | 16 | 40 |
| 30 | 15 | 70 | 18 | 40 |
| 31 | 15 | 50 | 38 | 40 |
| 32 | 25 | 85 | 0 | 40 |
| 33 | 30 | 70 | 0 | 40 |
| 34 | 20 | 50 | 34 | 40 |
| 35 | 15 | 70 | 27 | 40 |
| 36 | 20 | 85 | 15 | 40 |
| 37 | 15 | 70 | 26 | 40 |
| 38 | 25 | 70 | 0 | 40 |
| 39 | 10 | 50 | 36 | 40 |
| 40 | 15 | 85 | 25 | 40 |
| 41 | 30 | 85 | 0 | 40 |
| 42 | 15 | 70 | 0 | 40 |
| 43 | 30 | 85 | 0 | 40 |
| 44 | 10 | 85 | 7 | 40 |
| 45 | 20 | 70 | 0 | 40 |
| 46 | 15 | 85 | 8 | 40 |
| 47 | 30 | 85 | 0 | 40 |
| 48 | 15 | 85 | 9 | 40 |
| 49 | 25 | 85 | 5 | 40 |
| 50 | 15 | 85 | 30 | 40 |
| 51 | 30 | 85 | 0 | 40 |
| 52 | 10 | 50 | 38 | 40 |
| 53 | 15 | 70 | 36 | 40 |
| 54 | 20 | 50 | 36 | 40 |
| 55 | 20 | 70 | 8 | 40 |
| 56 | 10 | 70 | 24 | 40 |
| 57 | 15 | 70 | 14 | 40 |
| 58 | 25 | 85 | 0 | 40 |
| 59 | | | | |
| 60 | | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 70 | 2 | 40 |
| 4 | 15 | 70 | 28 | 40 |
| 5 | 25 | 70 | 1 | 40 |
| 6 | 25 | 50 | 22 | 40 |
| 7 | 25 | 70 | 0 | 40 |
| 8 | 25 | 50 | 31 | 40 |
| 9 | 25 | 85 | 5 | 40 |
| 10 | 20 | 70 | 7 | 40 |
| 11 | 15 | 70 | 2 | 40 |
| 12 | 25 | 50 | 39 | 40 |
| 13 | 15 | 50 | 38 | 40 |
| 14 | 15 | 50 | 39 | 40 |
| 15 | 10 | 85 | 38 | 40 |
| 16 | 20 | 70 | 22 | 40 |
| 17 | 15 | 70 | 14 | 40 |
| 18 | 10 | 70 | 0 | 40 |
| 19 | 15 | 85 | 40 | 40 |
| 20 | 25 | 70 | 10 | 40 |
| 21 | 10 | 85 | 36 | 40 |
| 22 | 25 | 70 | 4 | 40 |
| 23 | 10 | 70 | 4 | 40 |
| 24 | 25 | 85 | 2 | 40 |
| 25 | 20 | 85 | 31 | 40 |
| 26 | 25 | 70 | 2 | 40 |
| 27 | 30 | 70 | 0 | 40 |
| 28 | 15 | 85 | 22 | 40 |
| 29 | 30 | 50 | 2 | 40 |
| 30 | 10 | 70 | 16 | 40 |
| 31 | 20 | 70 | 0 | 40 |
| 32 | 30 | 70 | 0 | 40 |
| 33 | 25 | 70 | 0 | 40 |
| 34 | 30 | 70 | 0 | 40 |
| 35 | 15 | 70 | 1 | 40 |
| 36 | 25 | 14 | 200 | 200 |
| 37 | 20 | 14 | 200 | 200 |
| 38 | 15 | 300 | 0 | 100 |
| 39 | 10 | 300 | 40 | 100 |
| 40 | 5 | 300 | 61 | 100 |
| 41 | 10 | 300 | 87 | 100 |
| 42 | 15 | 300 | 0 | 100 |
| 43 | 5 | 300 | 80 | 100 |
| 44 | 10 | 300 | 77 | 100 |
| 45 | 5 | 300 | 84 | 100 |
| 46 | 5 | 300 | 97 | 100 |
| 47 | 0 | 300 | 62 | 100 |
| 48 | 0 | 300 | 23 | 100 |
| 49 | 10 | 300 | 33 | 100 |
| 50 | 10 | 300 | 74 | 100 |
| 51 | 0 | 300 | 71 | 100 |
| 52 | 15 | 300 | 4 | 100 |
| 53 | 5 | 300 | 75 | 100 |
| 54 | 10 | 300 | 79 | 100 |
| 55 | 5 | 300 | 76 | 100 |
| 56 | 10 | 300 | 83 | 100 |
| 57 | 10 | 300 | 81 | 100 |
| 58 | 15 | 300 | 4 | 100 |
| 59 | | | | |
| 60 | | | | |

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|----|----|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 5 | 300 | 83 | 100 |
| 4 | 5 | 300 | 73 | 100 |
| 5 | 0 | 300 | 46 | 100 |
| 6 | 15 | 300 | 9 | 100 |
| 7 | 10 | 300 | 77 | 100 |
| 8 | 5 | 300 | 91 | 100 |
| 9 | 5 | 300 | 93 | 100 |
| 10 | 15 | 300 | 10 | 100 |
| 11 | 0 | 300 | 76 | 100 |
| 12 | 10 | 300 | 84 | 100 |
| 13 | 0 | 300 | 64 | 100 |
| 14 | 5 | 300 | 71 | 100 |
| 15 | 5 | 300 | 78 | 100 |
| 16 | 10 | 300 | 87 | 100 |
| 17 | 10 | 300 | 83 | 100 |
| 18 | 10 | 300 | 96 | 100 |
| 19 | 5 | 300 | 87 | 100 |
| 20 | 5 | 300 | 95 | 100 |
| 21 | 10 | 300 | 99 | 100 |
| 22 | 5 | 300 | 69 | 100 |
| 23 | 15 | 300 | 0 | 100 |
| 24 | 0 | 300 | 17 | 100 |
| 25 | 15 | 300 | 0 | 100 |
| 26 | 5 | 300 | 97 | 100 |
| 27 | 10 | 300 | 97 | 100 |
| 28 | 0 | 300 | 84 | 100 |
| 29 | 10 | 300 | 91 | 100 |
| 30 | 5 | 300 | 97 | 100 |
| 31 | 15 | 300 | 0 | 100 |
| 32 | 10 | 300 | 88 | 100 |
| 33 | 0 | 300 | 94 | 100 |
| 34 | 15 | 300 | 0 | 100 |
| 35 | 5 | 300 | 98 | 100 |
| 36 | 0 | 300 | 51 | 100 |
| 37 | 10 | 300 | 52 | 100 |
| 38 | 5 | 300 | 90 | 100 |
| 39 | 10 | 300 | 69 | 100 |
| 40 | 5 | 300 | 91 | 100 |
| 41 | 10 | 300 | 99 | 100 |
| 42 | 15 | 23 | 66 | 100 |
| 43 | 35 | 28 | 0 | 400 |
| 44 | 15 | 28 | 0 | 400 |
| 45 | 10 | 28 | 0 | 400 |
| 46 | 10 | 28 | 188 | 400 |
| 47 | 25 | 28 | 16 | 400 |
| 48 | 10 | 28 | 0 | 400 |
| 49 | 15 | 28 | 0 | 400 |
| 50 | 10 | 28 | 228 | 400 |
| 51 | 15 | 28 | 80 | 400 |
| 52 | 35 | 28 | 0 | 400 |
| 53 | 25 | 28 | 0 | 400 |
| 54 | 0 | 28 | 0 | 400 |
| 55 | 30 | 28 | 4 | 400 |
| 56 | 30 | 28 | 0 | 400 |
| 57 | 10 | 28 | 172 | 400 |
| 58 | 25 | 28 | 0 | 400 |
| 59 | | | | |
| 60 | | | | |

| | | | | |
|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 | 28 | 60 | 400 |
| 4 | 0 | 28 | 0 | 400 |
| 5 | 0 | 28 | 0 | 400 |
| 6 | 25 | 28 | 0 | 400 |
| 7 | 15 | 28 | 0 | 400 |
| 8 | 5 | 28 | 320 | 400 |
| 9 | 5 | 28 | 344 | 400 |
| 10 | 0 | 28 | 24 | 400 |
| 11 | 40 | 28 | 0 | 400 |
| 12 | 10 | 28 | 32 | 400 |
| 13 | 15 | 28 | 0 | 400 |
| 14 | 30 | 28 | 24 | 400 |
| 15 | 5 | 28 | 0 | 400 |
| 16 | 15 | 28 | 0 | 400 |
| 17 | 10 | 28 | 8 | 400 |
| 18 | 10 | 28 | 136 | 400 |
| 19 | 40 | 28 | 0 | 400 |
| 20 | 15 | 28 | 0 | 400 |
| 21 | 20 | 28 | 0 | 400 |
| 22 | 0 | 28 | 80 | 400 |
| 23 | 10 | 28 | 108 | 400 |
| 24 | 10 | 28 | 80 | 400 |
| 25 | 5 | 28 | 276 | 400 |
| 26 | 5 | 28 | 16 | 400 |
| 27 | 5 | 28 | 0 | 400 |
| 28 | 15 | 28 | 0 | 400 |
| 29 | 20 | 28 | 0 | 400 |
| 30 | 5 | 28 | 304 | 400 |
| 31 | 15 | 28 | 172 | 400 |
| 32 | 10 | 28 | 8 | 400 |
| 33 | 10 | 28 | 0 | 400 |
| 34 | 30 | 28 | 0 | 400 |
| 35 | 35 | 28 | 0 | 400 |
| 36 | 25 | 28 | 0 | 400 |
| 37 | 30 | 28 | 0 | 400 |
| 38 | 25 | 28 | 0 | 400 |
| 39 | 15 | 28 | 144 | 400 |
| 40 | 10 | 28 | 108 | 400 |
| 41 | 15 | 28 | 84 | 400 |
| 42 | 35 | 28 | 0 | 400 |
| 43 | 15 | 28 | 200 | 400 |
| 44 | 15 | 28 | 0 | 400 |
| 45 | 15 | 28 | 120 | 400 |
| 46 | 30 | 28 | 0 | 400 |
| 47 | 10 | 28 | 0 | 400 |
| 48 | 5 | 28 | 0 | 400 |
| 49 | 20 | 28 | 108 | 400 |
| 50 | 15 | 28 | 0 | 400 |
| 51 | 25 | 28 | 0 | 400 |
| 52 | 5 | 28 | 0 | 400 |
| 53 | 25 | 28 | 0 | 400 |
| 54 | 35 | 28 | 0 | 400 |
| 55 | 20 | 28 | 32 | 400 |
| 56 | 5 | 28 | 348 | 400 |
| 57 | 5 | 28 | 8 | 400 |
| 58 | 0 | 28 | 0 | 400 |
| 59 | | | | |
| 60 | | | | |

| | | | | |
|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 28 | 0 | 400 |
| 4 | 15 | 28 | 0 | 400 |
| 5 | 20 | 28 | 0 | 400 |
| 6 | 10 | 28 | 276 | 400 |
| 7 | 5 | 28 | 0 | 400 |
| 8 | 25 | 28 | 0 | 400 |
| 9 | 30 | 28 | 0 | 400 |
| 10 | 5 | 28 | 272 | 400 |
| 11 | 30 | 28 | 0 | 400 |
| 12 | 10 | 28 | 260 | 400 |
| 13 | 15 | 28 | 0 | 400 |
| 14 | 10 | 28 | 120 | 400 |
| 15 | 10 | 28 | 0 | 400 |
| 16 | 20 | 28 | 76 | 400 |
| 17 | 20 | 28 | 0 | 400 |
| 18 | 10 | 28 | 72 | 400 |
| 19 | 20 | 28 | 36 | 400 |
| 20 | 15 | 28 | 0 | 400 |
| 21 | 20 | 28 | 0 | 400 |
| 22 | 20 | 28 | 0 | 400 |
| 23 | 35 | 28 | 0 | 400 |
| 24 | 10 | 28 | 0 | 400 |
| 25 | 0 | 28 | 276 | 400 |
| 26 | 20 | 28 | 0 | 400 |
| 27 | 5 | 28 | 288 | 400 |
| 28 | 15 | 28 | 16 | 400 |
| 29 | 5 | 28 | 268 | 400 |
| 30 | 0 | 28 | 144 | 400 |
| 31 | 20 | 28 | 0 | 400 |
| 32 | 15 | 28 | 0 | 400 |
| 33 | 25 | 28 | 12 | 400 |
| 34 | 20 | 28 | 0 | 400 |
| 35 | 25 | 28 | 24 | 400 |
| 36 | 10 | 28 | 172 | 400 |
| 37 | 25 | 28 | 0 | 400 |
| 38 | 20 | 28 | 120 | 400 |
| 39 | 10 | 28 | 0 | 400 |
| 40 | 15 | 28 | 140 | 400 |
| 41 | 5 | 28 | 0 | 400 |
| 42 | 25 | 21 | 21 | 150 |
| 43 | 25 | 21 | 135 | 150 |
| 44 | 25 | 21 | 64 | 150 |
| 45 | 25 | 21 | 32 | 150 |
| 46 | 20 | 14 | 39 | 100 |
| 47 | 20 | 14 | 85 | 100 |
| 48 | 20 | 14 | 10 | 100 |
| 49 | 20 | 14 | 65 | 100 |
| 50 | 20 | 14 | 93 | 100 |
| 51 | 20 | 14 | 66 | 100 |
| 52 | 25 | 42 | 58 | 200 |
| 53 | 25 | 42 | 66 | 200 |
| 54 | 15 | 42 | 94 | 200 |
| 55 | 25 | 42 | 84 | 200 |
| 56 | 15 | 42 | 130 | 200 |
| 57 | 15 | 42 | 134 | 200 |
| 58 | 25 | 42 | 82 | 200 |
| 59 | 15 | 42 | 134 | 200 |
| 60 | | | | |

| | | | | |
|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 0 | 28 | 0 | 400 |
| 4 | 5 | 28 | 268 | 400 |
| 5 | 0 | 28 | 0 | 400 |
| 6 | 35 | 28 | 116 | 400 |
| 7 | 0 | 28 | 0 | 400 |
| 8 | 5 | 28 | 272 | 400 |
| 9 | 20 | 28 | 328 | 400 |
| 10 | 5 | 28 | 0 | 400 |
| 11 | 0 | 28 | 0 | 400 |
| 12 | 35 | 28 | 8 | 400 |
| 13 | 35 | 28 | 8 | 400 |
| 14 | 25 | 28 | 208 | 400 |
| 15 | 15 | 28 | 8 | 400 |
| 16 | 15 | 28 | 0 | 400 |
| 17 | 15 | 28 | 288 | 400 |
| 18 | 15 | 28 | 348 | 400 |
| 19 | 5 | 28 | 0 | 400 |
| 20 | 30 | 28 | 112 | 400 |
| 21 | 0 | 28 | 48 | 400 |
| 22 | 0 | 28 | 0 | 400 |
| 23 | 10 | 28 | 348 | 400 |
| 24 | 20 | 28 | 156 | 400 |
| 25 | -5 | 28 | 0 | 400 |
| 26 | 15 | 28 | 4 | 400 |
| 27 | 10 | 28 | 284 | 400 |
| 28 | 15 | 28 | 84 | 400 |
| 29 | 5 | 28 | 312 | 400 |
| 30 | 10 | 28 | 84 | 400 |
| 31 | 5 | 28 | 0 | 400 |
| 32 | 20 | 28 | 324 | 400 |
| 33 | 10 | 28 | 268 | 400 |
| 34 | -5 | 28 | 0 | 400 |
| 35 | 10 | 28 | 0 | 400 |
| 36 | 20 | 28 | 324 | 400 |
| 37 | 20 | 28 | 364 | 400 |
| 38 | 5 | 28 | 236 | 400 |
| 39 | 20 | 28 | 328 | 400 |
| 40 | 5 | 28 | 84 | 400 |
| 41 | 15 | 28 | 356 | 400 |
| 42 | -5 | 28 | 0 | 400 |
| 43 | 5 | 28 | 64 | 400 |
| 44 | 0 | 28 | 168 | 400 |
| 45 | 0 | 28 | 0 | 400 |
| 46 | 0 | 28 | 0 | 400 |
| 47 | 0 | 28 | 0 | 400 |
| 48 | 25 | 28 | 296 | 400 |
| 49 | 0 | 28 | 0 | 400 |
| 50 | 30 | 28 | 184 | 400 |
| 51 | 5 | 28 | 0 | 400 |
| 52 | 10 | 28 | 316 | 400 |
| 53 | 5 | 28 | 80 | 400 |
| 54 | 15 | 28 | 332 | 400 |
| 55 | 15 | 28 | 352 | 400 |
| 56 | 30 | 28 | 200 | 400 |
| 57 | 10 | 28 | 0 | 400 |
| 58 | 25 | 28 | 184 | 400 |
| 59 | | | | |
| 60 | | | | |

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|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 5 | 28 | 0 | 400 |
| 4 | 10 | 28 | 348 | 400 |
| 5 | 25 | 28 | 308 | 400 |
| 6 | 5 | 28 | 256 | 400 |
| 7 | 10 | 28 | 0 | 400 |
| 8 | 10 | 28 | 0 | 400 |
| 9 | 10 | 28 | 40 | 400 |
| 10 | 5 | 28 | 140 | 400 |
| 11 | 0 | 28 | 0 | 400 |
| 12 | 15 | 28 | 0 | 400 |
| 13 | 5 | 28 | 0 | 400 |
| 14 | 20 | 28 | 8 | 400 |
| 15 | 10 | 28 | 48 | 400 |
| 16 | 10 | 28 | 64 | 400 |
| 17 | 5 | 28 | 80 | 400 |
| 18 | 5 | 28 | 40 | 400 |
| 19 | 10 | 28 | 76 | 400 |
| 20 | 10 | 28 | 332 | 400 |
| 21 | 10 | 28 | 324 | 400 |
| 22 | 0 | 28 | 0 | 400 |
| 23 | 5 | 28 | 60 | 400 |
| 24 | 10 | 28 | 8 | 400 |
| 25 | 20 | 28 | 104 | 400 |
| 26 | 15 | 28 | 32 | 400 |
| 27 | 0 | 28 | 28 | 400 |
| 28 | 10 | 28 | 176 | 400 |
| 29 | 30 | 28 | 8 | 400 |
| 30 | 30 | 28 | 4 | 400 |
| 31 | -5 | 28 | 0 | 400 |
| 32 | 5 | 28 | 104 | 400 |
| 33 | 0 | 28 | 16 | 400 |
| 34 | 5 | 28 | 0 | 400 |
| 35 | 15 | 28 | 24 | 400 |
| 36 | 5 | 28 | 0 | 400 |
| 37 | 25 | 28 | 228 | 400 |
| 38 | 20 | 28 | 40 | 400 |
| 39 | 30 | 28 | 188 | 400 |
| 40 | 0 | 28 | 0 | 400 |
| 41 | 10 | 28 | 0 | 400 |
| 42 | 15 | 28 | 360 | 400 |
| 43 | 5 | 28 | 124 | 400 |
| 44 | 10 | 28 | 0 | 400 |
| 45 | 0 | 28 | 0 | 400 |
| 46 | 15 | 28 | 84 | 400 |
| 47 | 15 | 28 | 200 | 400 |
| 48 | 25 | 28 | 40 | 400 |
| 49 | 25 | 28 | 0 | 400 |
| 50 | 0 | 28 | 0 | 400 |
| 51 | 10 | 28 | 164 | 400 |
| 52 | 10 | 28 | 144 | 400 |
| 53 | 5 | 28 | 0 | 400 |
| 54 | 5 | 28 | 68 | 400 |
| 55 | 0 | 28 | 0 | 400 |
| 56 | 20 | 28 | 12 | 400 |
| 57 | 0 | 28 | 0 | 400 |
| 58 | 10 | 28 | 220 | 400 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | -5 | 28 | 0 | 400 |
| 4 | 10 | 28 | 12 | 400 |
| 5 | 5 | 28 | 48 | 400 |
| 6 | 5 | 28 | 100 | 400 |
| 7 | 5 | 28 | 80 | 400 |
| 8 | 40 | 28 | 0 | 400 |
| 9 | 20 | 28 | 28 | 400 |
| 10 | 0 | 28 | 0 | 400 |
| 11 | 0 | 28 | 0 | 400 |
| 12 | 25 | 28 | 16 | 400 |
| 13 | 0 | 28 | 0 | 400 |
| 14 | 0 | 28 | 0 | 400 |
| 15 | 10 | 28 | 240 | 400 |
| 16 | 25 | 28 | 4 | 400 |
| 17 | 0 | 28 | 0 | 400 |
| 18 | 10 | 28 | 148 | 400 |
| 19 | 0 | 28 | 60 | 400 |
| 20 | 5 | 28 | 168 | 400 |
| 21 | 5 | 28 | 0 | 400 |
| 22 | 20 | 28 | 48 | 400 |
| 23 | 15 | 28 | 20 | 400 |
| 24 | 10 | 28 | 0 | 400 |
| 25 | 15 | 28 | 188 | 400 |
| 26 | -5 | 28 | 0 | 400 |
| 27 | 5 | 28 | 20 | 400 |
| 28 | 10 | 28 | 12 | 400 |
| 29 | 15 | 28 | 40 | 400 |
| 30 | 15 | 28 | 12 | 400 |
| 31 | 40 | 28 | 0 | 400 |
| 32 | 0 | 28 | 16 | 400 |
| 33 | 35 | 28 | 0 | 400 |
| 34 | 15 | 28 | 24 | 400 |
| 35 | 0 | 28 | 0 | 400 |
| 36 | 10 | 28 | 124 | 400 |
| 37 | 10 | 28 | 0 | 400 |
| 38 | 25 | 28 | 288 | 400 |
| 39 | 0 | 28 | 68 | 400 |
| 40 | 5 | 28 | 224 | 400 |
| 41 | 5 | 28 | 100 | 400 |
| 42 | 25 | 28 | 8 | 400 |
| 43 | 10 | 28 | 56 | 400 |
| 44 | 10 | 28 | 40 | 400 |
| 45 | 0 | 28 | 0 | 400 |
| 46 | 5 | 28 | 0 | 400 |
| 47 | 5 | 28 | 0 | 400 |
| 48 | 15 | 28 | 195 | 200 |
| 49 | 20 | 28 | 183 | 200 |
| 50 | 25 | 28 | 194 | 200 |
| 51 | 15 | 28 | 196 | 200 |
| 52 | 20 | 28 | 198 | 200 |
| 53 | 20 | 28 | 179 | 200 |
| 54 | 20 | 28 | 196 | 200 |
| 55 | 25 | 28 | 194 | 200 |
| 56 | 20 NA | | 168 | 300 |
| 57 | 10 NA | | 0 | 200 |
| 58 | 20 NA | | 0 | 200 |
| 59 | | | | |
| 60 | | | | |

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|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | NA | 148 | 200 |
| 4 | 25 | NA | 10 | 200 |
| 5 | 20 | NA | 48 | 300 |
| 6 | 20 | NA | 249 | 300 |
| 7 | 20 | NA | 130 | 200 |
| 8 | 20 | NA | 117 | 300 |
| 9 | 10 | NA | 142 | 200 |
| 10 | 10 | NA | 144 | 200 |
| 11 | 10 | NA | 0 | 200 |
| 12 | 20 | NA | 45 | 300 |
| 13 | 20 | NA | 120 | 200 |
| 14 | 25 | NA | 24 | 200 |
| 15 | 20 | NA | 270 | 300 |
| 16 | 20 | NA | 0 | 200 |
| 17 | 20 | NA | 180 | 300 |
| 18 | 25 | NA | 134 | 200 |
| 19 | 20 | NA | 99 | 300 |
| 20 | 25 | 7 | 0 | 300 |
| 21 | 25 | 7 | 184 | 300 |
| 22 | 25 | 7 | 214 | 300 |
| 23 | 25 | 7 | 0 | 300 |
| 24 | 25 | 7 | 0 | 300 |
| 25 | 25 | 7 | 142 | 300 |
| 26 | 15 | 23 | 53 | 100 |
| 27 | 25 | 7 | 70 | 300 |
| 28 | 25 | 7 | 0 | 300 |
| 29 | 25 | 7 | 174 | 300 |
| 30 | 25 | 7 | 0 | 300 |
| 31 | 25 | 7 | 20 | 300 |
| 32 | 25 | 7 | 99 | 300 |
| 33 | 25 | 7 | 237 | 300 |
| 34 | 25 | 7 | 56 | 300 |
| 35 | 25 | 7 | 235 | 300 |
| 36 | 25 | 7 | 45 | 300 |
| 37 | 25 | 7 | 4 | 300 |
| 38 | 25 | 7 | 159 | 300 |
| 39 | 25 | 7 | 3 | 300 |
| 40 | 25 | 7 | 186 | 300 |
| 41 | 25 | 7 | 269 | 300 |
| 42 | 25 | 7 | 0 | 300 |
| 43 | 25 | 7 | 0 | 300 |
| 44 | 25 | 7 | 234 | 300 |
| 45 | 15 | 30 | 94 | 100 |
| 46 | 10 | 30 | 9 | 100 |
| 47 | 20 | 30 | 20 | 100 |
| 48 | 15 | 30 | 35 | 50 |
| 49 | 15 | 30 | 16 | 100 |
| 50 | 30 | 30 | 2 | 100 |
| 51 | 10 | 30 | 4 | 100 |
| 52 | 10 | 30 | 18 | 100 |
| 53 | 25 | 30 | 11 | 100 |
| 54 | 5 | 30 | 5 | 100 |
| 55 | 15 | 30 | 8 | 100 |
| 56 | 15 | 23 | 86 | 100 |
| 57 | 20 | 30 | 440 | 500 |
| 58 | 25 | 33 | 9 | 20 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 33 | 16 | 20 |
| 4 | 25 | 33 | 10 | 20 |
| 5 | 25 | 33 | 16 | 20 |
| 6 | 20 | 12 | 160 | 200 |
| 7 | 20 NA | | 63 | 100 |
| 8 | 15 | 28 | 0 | 120 |
| 9 | 20 | 60 | 91 | 120 |
| 10 | 25 | 21 | 102 | 120 |
| 11 | 20 | 21 | 108 | 120 |
| 12 | 25 | 21 | 12 | 120 |
| 13 | 10 | 90 | 20 | 120 |
| 14 | 15 | 28 | 49 | 120 |
| 15 | 15 | 60 | 72 | 120 |
| 16 | 20 | 28 | 372 | 400 |
| 17 | 20 | 28 | 80 | 400 |
| 18 | 10 | 20 | 27 | 100 |
| 19 | 25 | 20 | 7 | 100 |
| 20 | 15 | 20 | 18 | 100 |
| 21 | 20 | 20 | 9 | 100 |
| 22 | 5 | 20 | 46 | 100 |
| 23 | 20 NA | | 7 | 100 |
| 24 | 20 NA | | 62 | 100 |
| 25 | 25 NA | | 160 | 500 |
| 26 | 25 NA | | 135 | 500 |
| 27 | 25 NA | | 145 | 500 |
| 28 | 25 NA | | 175 | 500 |
| 29 | 15 NA | | 141 | 150 |
| 30 | 40 NA | | 146 | 150 |
| 31 | 25 NA | | 144 | 150 |
| 32 | 20 | 21 | 196 | 200 |
| 33 | 20 | 21 | 7 | 200 |
| 34 | 30 NA | | 148 | 150 |
| 35 | 30 | 21 | 199 | 200 |
| 36 | 30 | 21 | 197 | 200 |
| 37 | 20 | 21 | 0 | 200 |
| 38 | 30 | 21 | 73 | 200 |
| 39 | 30 | 21 | 200 | 200 |
| 40 | 20 | 21 | 189 | 200 |
| 41 | 20 NA | | 142 | 150 |
| 42 | 15 | 23 | 69 | 100 |
| 43 | 30 | 28 | 2 | 200 |
| 44 | 10 | 28 | 52 | 200 |
| 45 | 15 | 28 | 146 | 200 |
| 46 | 10 | 28 | 46 | 200 |
| 47 | 10 | 28 | 110 | 200 |
| 48 | 30 | 28 | 36 | 200 |
| 49 | 5 | 28 | 22 | 200 |
| 50 | 15 | 28 | 156 | 200 |
| 51 | 20 | 28 | 140 | 200 |
| 52 | 25 | 28 | 110 | 200 |
| 53 | 25 | 28 | 98 | 200 |
| 54 | 15 | 28 | 94 | 200 |
| 55 | 15 | 28 | 164 | 200 |
| 56 | 10 | 28 | 104 | 200 |
| 57 | 20 | 28 | 152 | 200 |
| 58 | 20 | 28 | 84 | 200 |
| 59 | | | | |
| 60 | | | | |

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|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 28 | 40 | 200 |
| 4 | 5 | 28 | 0 | 200 |
| 5 | 20 | 28 | 154 | 200 |
| 6 | 20 | 28 | 166 | 200 |
| 7 | 10 | 28 | 54 | 200 |
| 8 | 5 | 28 | 0 | 200 |
| 9 | 15 | 28 | 48 | 200 |
| 10 | 10 | 28 | 44 | 200 |
| 11 | 10 | 28 | 42 | 200 |
| 12 | 15 | 28 | 118 | 200 |
| 13 | 20 | 28 | 48 | 200 |
| 14 | 25 | 28 | 168 | 200 |
| 15 | 15 | 28 | 176 | 200 |
| 16 | 5 | 28 | 48 | 200 |
| 17 | 20 | 28 | 152 | 200 |
| 18 | 25 | 28 | 72 | 200 |
| 19 | 15 | 28 | 152 | 200 |
| 20 | 5 | 28 | 46 | 200 |
| 21 | 15 | 28 | 146 | 200 |
| 22 | 20 | 28 | 106 | 200 |
| 23 | 20 | 28 | 134 | 200 |
| 24 | 25 | 28 | 154 | 200 |
| 25 | 20 | 30 | 70 | 100 |
| 26 | 5 | 30 | 3 | 100 |
| 27 | 0 | 30 | 0 | 100 |
| 28 | 20 | 30 | 67 | 100 |
| 29 | 0 | 30 | 10 | 100 |
| 30 | 20 | 30 | 58 | 100 |
| 31 | 10 | 30 | 30 | 100 |
| 32 | 20 | 30 | 74 | 100 |
| 33 | 5 | 30 | 29 | 100 |
| 34 | 10 | 30 | 46 | 100 |
| 35 | 25 | 21 | 5 | 100 |
| 36 | 25 | 21 | 92 | 100 |
| 37 | 25 | 21 | 384 | 400 |
| 38 | 25 | 21 | 337 | 400 |
| 39 | 25 | 21 | 289 | 400 |
| 40 | 15 | 49 | 83 | 125 |
| 41 | 10 | 49 | 4 | 125 |
| 42 | 15 | 49 | 87 | 125 |
| 43 | 20 | 49 | 46 | 125 |
| 44 | 15 | 49 | 2 | 125 |
| 45 | 25 | 49 | 6 | 125 |
| 46 | 25 | 49 | 37 | 125 |
| 47 | 20 | 49 | 2 | 125 |
| 48 | 25 | 49 | 24 | 125 |
| 49 | 10 | 49 | 0 | 125 |
| 50 | 20 | 49 | 61 | 125 |
| 51 | 15 | 49 | 4 | 125 |
| 52 | 25 | 49 | 0 | 125 |
| 53 | 20 | 49 | 2 | 125 |
| 54 | 10 | 49 | 95 | 125 |
| 55 | 10 | 49 | 86 | 125 |
| 56 | 15 | 14 | 72 | 80 |
| 57 | 20 | 28 | 120 | 300 |
| 58 | 20 | 28 | 255 | 300 |
| 59 | | | | |
| 60 | | | | |

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|----|----|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 28 | 270 | 300 |
| 4 | 20 | 28 | 261 | 300 |
| 5 | 20 | 28 | 270 | 300 |
| 6 | 20 | 28 | 297 | 300 |
| 7 | 25 | 30 | 180 | 200 |
| 8 | 25 | 30 | 70 | 200 |
| 9 | 15 | 60 | 156 | 175 |
| 10 | 25 | 60 | 119 | 175 |
| 11 | 25 | 60 | 154 | 175 |
| 12 | 20 | 60 | 154 | 175 |
| 13 | 10 | 60 | 112 | 175 |
| 14 | 15 | 60 | 152 | 175 |
| 15 | 10 | 60 | 112 | 175 |
| 16 | 20 | 60 | 149 | 175 |
| 17 | 10 | 60 | 149 | 175 |
| 18 | 5 | 60 | 126 | 175 |
| 19 | 25 | 60 | 135 | 175 |
| 20 | 5 | 60 | 114 | 175 |
| 21 | 25 | 60 | 135 | 175 |
| 22 | 5 | 60 | 158 | 175 |
| 23 | 5 | 60 | 98 | 175 |
| 24 | 20 | 60 | 135 | 175 |
| 25 | 15 | 60 | 131 | 175 |
| 26 | 15 | 60 | 136 | 175 |
| 27 | 20 | 60 | 121 | 175 |
| 28 | 10 | 60 | 158 | 175 |
| 29 | 15 | 23 | 79 | 100 |
| 30 | 20 | 7 | 18 | 50 |
| 31 | 35 | 7 | 31 | 50 |
| 32 | 35 | 7 | 30 | 50 |
| 33 | 25 | 7 | 45 | 50 |
| 34 | 40 | 7 | 41 | 50 |
| 35 | 15 | 7 | 8 | 50 |
| 36 | 25 | 7 | 45 | 50 |
| 37 | 25 | 7 | 39 | 50 |
| 38 | 15 | 7 | 6 | 50 |
| 39 | 25 | 7 | 41 | 50 |
| 40 | 20 | 7 | 28 | 50 |
| 41 | 35 | 7 | 34 | 50 |
| 42 | 40 | 7 | 32 | 50 |
| 43 | 35 | 7 | 37 | 50 |
| 44 | 15 | 7 | 1 | 50 |
| 45 | 25 | 7 | 44 | 50 |
| 46 | 35 | 7 | 22 | 50 |
| 47 | 35 | 7 | 28 | 50 |
| 48 | 25 | 7 | 45 | 50 |
| 49 | 40 | 7 | 16 | 50 |
| 50 | 20 | 7 | 26 | 50 |
| 51 | 40 | 7 | 20 | 50 |
| 52 | 35 | 7 | 21 | 50 |
| 53 | 25 | 7 | 44 | 50 |
| 54 | 25 | 7 | 43 | 50 |
| 55 | 15 | 7 | 4 | 50 |
| 56 | 35 | 7 | 27 | 50 |
| 57 | 20 | 7 | 23 | 50 |
| 58 | 25 | 7 | 40 | 50 |
| 59 | | | | |
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|----|-------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 15 | 7 | 3 | 50 |
| 4 | 20 | 7 | 36 | 50 |
| 5 | 25 | 7 | 45 | 50 |
| 6 | 25 | 7 | 38 | 50 |
| 7 | 15 | 7 | 6 | 50 |
| 8 | 25 | 7 | 43 | 50 |
| 9 | 20 | 7 | 40 | 50 |
| 10 | 25 NA | | 328 | 400 |
| 11 | 20 NA | | 0 | 400 |
| 12 | 25 NA | | 60 | 400 |
| 13 | 25 NA | | 402 | 600 |
| 14 | 25 NA | | 12 | 400 |
| 15 | 15 NA | | 0 | 400 |
| 16 | 25 NA | | 184 | 400 |
| 17 | 25 NA | | 0 | 400 |
| 18 | 30 NA | | 483 | 600 |
| 19 | 15 NA | | 340 | 400 |
| 20 | 30 NA | | 328 | 400 |
| 21 | 30 NA | | 164 | 400 |
| 22 | 25 NA | | 348 | 400 |
| 23 | 30 NA | | 32 | 400 |
| 24 | 20 NA | | 54 | 600 |
| 25 | 15 NA | | 0 | 400 |
| 26 | 20 NA | | 8 | 400 |
| 27 | 20 NA | | 304 | 400 |
| 28 | 25 NA | | 486 | 600 |
| 29 | 15 NA | | 0 | 600 |
| 30 | 10 | 179 | 43 | 50 |
| 31 | 0 | 179 | 220 | 900 |
| 32 | 5 | 179 | 37 | 50 |
| 33 | 15 | 179 | 0 | 50 |
| 34 | 20 | 152 | 2 | 50 |
| 35 | 20 | 152 | 48 | 50 |
| 36 | 20 | 152 | 36 | 50 |
| 37 | 20 | 152 | 22 | 50 |
| 38 | 20 | 152 | 2 | 50 |
| 39 | 20 | 152 | 6 | 50 |
| 40 | 20 | 152 | 0 | 50 |
| 41 | 20 | 152 | 0 | 50 |
| 42 | 20 | 152 | 26 | 50 |
| 43 | 20 | 152 | 24 | 50 |
| 44 | 20 | 152 | 12 | 50 |
| 45 | 20 | 152 | 25 | 50 |
| 46 | 20 | 152 | 12 | 50 |
| 47 | 20 | 152 | 32 | 50 |
| 48 | 20 | 152 | 32 | 50 |
| 49 | 20 | 152 | 42 | 50 |
| 50 | 20 | 152 | 28 | 50 |
| 51 | 20 | 152 | 16 | 50 |
| 52 | 20 | 152 | 0 | 50 |
| 53 | 20 | 152 | 0 | 50 |
| 54 | 20 | 152 | 6 | 50 |
| 55 | 20 | 152 | 8 | 50 |
| 56 | 20 | 152 | 0 | 50 |
| 57 | 20 | 152 | 38 | 50 |
| 58 | 20 | 152 | 8 | 50 |
| 59 | | | | |
| 60 | | | | |

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|----|-------|-----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 20 | 152 | 46 | 50 |
| 4 | 30 NA | | 0 | 25 |
| 5 | 30 NA | | 15 | 25 |
| 6 | 25 NA | | 15 | 25 |
| 7 | 25 NA | | 0 | 25 |
| 8 | 15 | 23 | 67 | 100 |
| 9 | 30 NA | | 33 | 90 |
| 10 | 30 NA | | 4 | 90 |
| 11 | 30 NA | | 0 | 90 |
| 12 | 30 NA | | 63 | 90 |
| 13 | 30 NA | | 0 | 120 |
| 14 | 30 NA | | 11 | 120 |
| 15 | 30 NA | | 44 | 120 |
| 16 | 30 NA | | 10 | 120 |
| 17 | 20 | 157 | 38 | 75 |
| 18 | 25 NA | | 250 | 400 |
| 19 | 5 | 42 | 0 | 150 |
| 20 | 25 | 42 | 41 | 150 |
| 21 | 30 | 42 | 0 | 150 |
| 22 | 15 | 42 | 6 | 150 |
| 23 | 10 | 42 | 0 | 150 |
| 24 | 20 | 42 | 24 | 150 |
| 25 | 20 | 12 | 8 | 90 |
| 26 | 15 | 12 | 0 | 90 |
| 27 | 25 | 12 | 82 | 90 |
| 28 | 30 | 12 | 14 | 90 |
| 29 | 25 | 12 | 14 | 90 |
| 30 | 20 | 12 | 78 | 90 |
| 31 | 30 | 12 | 58 | 90 |
| 32 | 15 | 12 | 4 | 90 |
| 33 | 20 | 20 | 76 | 400 |
| 34 | 15 | 20 | 40 | 400 |
| 35 | 15 | 20 | 40 | 400 |
| 36 | 25 | 20 | 40 | 400 |
| 37 | 25 | 20 | 40 | 400 |
| 38 | 20 | 20 | 76 | 400 |
| 39 | 30 | 20 | 40 | 400 |
| 40 | 30 | 20 | 40 | 400 |
| 41 | 25 | 16 | 54 | 300 |
| 42 | 20 | 16 | 93 | 300 |
| 43 | 20 | 16 | 36 | 300 |
| 44 | 15 | 16 | 18 | 300 |
| 45 | 15 | 16 | 87 | 300 |
| 46 | 25 | 16 | 132 | 300 |
| 47 | 20 | 28 | 104 | 150 |
| 48 | 25 | 28 | 94 | 150 |
| 49 | 25 | 20 | 84 | 100 |
| 50 | 25 | 20 | 10 | 100 |
| 51 | 25 | 25 | 77 | 100 |
| 52 | 25 | 14 | 188 | 200 |
| 53 | 25 | 14 | 10 | 200 |
| 54 | 25 | 60 | 38 | 150 |
| 55 | 20 | 60 | 68 | 150 |
| 56 | 10 | 60 | 99 | 150 |
| 57 | 15 | 60 | 75 | 150 |
| 58 | 10 | 15 | 26 | 120 |
| 59 | | | | |
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|----|-------|----|-----|-----|
| 1 | | | | |
| 2 | | | | |
| 3 | 25 | 15 | 48 | 120 |
| 4 | 5 | 15 | 10 | 120 |
| 5 | 30 | 15 | 22 | 120 |
| 6 | 20 | 15 | 12 | 120 |
| 7 | 15 | 15 | 16 | 120 |
| 8 | 5 | 15 | 40 | 120 |
| 9 | 25 | 7 | 12 | 50 |
| 10 | 20 | 7 | 18 | 50 |
| 11 | 15 | 7 | 18 | 50 |
| 12 | 10 | 7 | 14 | 50 |
| 13 | 15 | 21 | 90 | 150 |
| 14 | 10 | 21 | 30 | 150 |
| 15 | 20 | 21 | 48 | 150 |
| 16 | 25 | 21 | 123 | 150 |
| 17 | 20 | 21 | 126 | 150 |
| 18 | 10 | 21 | 11 | 150 |
| 19 | 15 | 21 | 48 | 150 |
| 20 | 25 | 21 | 87 | 150 |
| 21 | 25 NA | | 37 | 50 |
| 22 | 20 NA | | 14 | 135 |
| 23 | 20 NA | | 20 | 135 |
| 24 | 25 NA | | 0 | 50 |
| 25 | 20 NA | | 126 | 135 |
| 26 | 25 NA | | 49 | 50 |
| 27 | 25 NA | | 180 | 200 |
| 28 | 25 NA | | 154 | 160 |
| 29 | 20 | 21 | 24 | 30 |
| 30 | 25 | 11 | 15 | 30 |
| 31 | 30 | 34 | 16 | 200 |
| 32 | 15 | 34 | 0 | 200 |
| 33 | 25 | 34 | 100 | 200 |
| 34 | 15 | 34 | 0 | 200 |
| 35 | 30 | 34 | 40 | 200 |
| 36 | 25 | 11 | 270 | 300 |
| 37 | 20 | 34 | 0 | 200 |
| 38 | 25 | 34 | 156 | 200 |
| 39 | 20 | 34 | 64 | 200 |
| 40 | 25 | 14 | 189 | 200 |
| 41 | 25 | 14 | 20 | 200 |
| 42 | 25 | 14 | 174 | 200 |
| 43 | 25 | 14 | 34 | 200 |
| 44 | 20 | 14 | 38 | 100 |
| 45 | 25 | 14 | 18 | 100 |
| 46 | 20 | 14 | 0 | 100 |
| 47 | 15 | 90 | 376 | 600 |
| 48 | 15 | 90 | 416 | 600 |
| 49 | 5 | 45 | 76 | 120 |
| 50 | 10 | 45 | 85 | 120 |
| 51 | 20 | 28 | 100 | 100 |
| 52 | 30 | 45 | 84 | 120 |
| 53 | 15 | 45 | 84 | 120 |
| 54 | 35 | 45 | 92 | 120 |
| 55 | 20 | 45 | 82 | 120 |
| 56 | 25 | 45 | 81 | 120 |
| 57 | 25 | 16 | 238 | 440 |
| 58 | | | | |
| 59 | | | | |
| 60 | | | | |