Emma Hoskins

WA Bee Atlas Collection and Identification Report - 2024

1 Your 2024 Collections

Emma Hoskins caught 23 bees across 1 county from April 23, 2024 to June 13, 2024 representing 14 unique taxa, including 10 unique species.

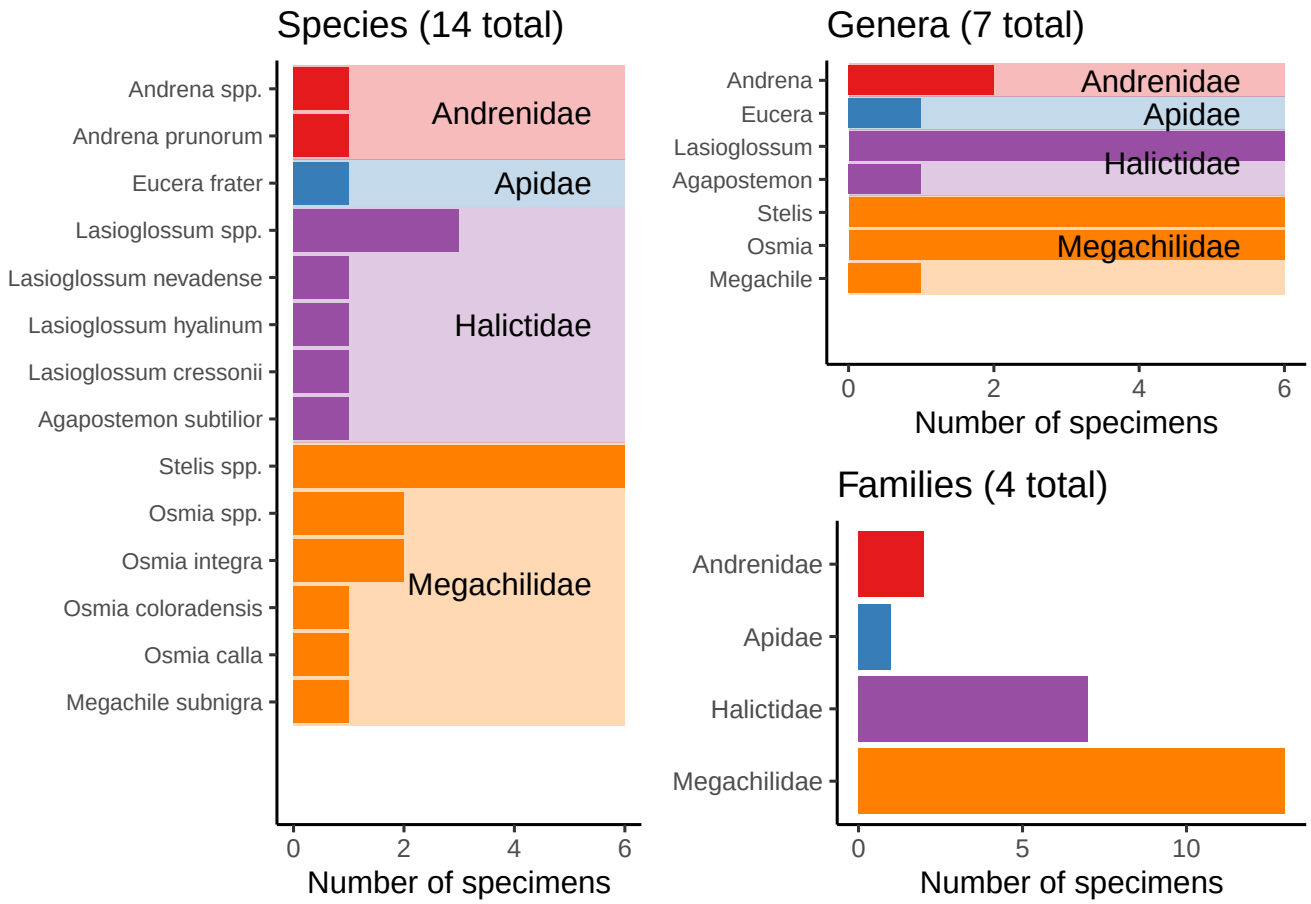

Figure 1: Bees caught by Emma Hoskins, broken down by species, genus, and family.

2 All Your Collections

Emma Hoskins caught 23 bees across 1 county from April 23, 2024 to June 13, 2024, representing 14 unique taxa, including 10 unique species.

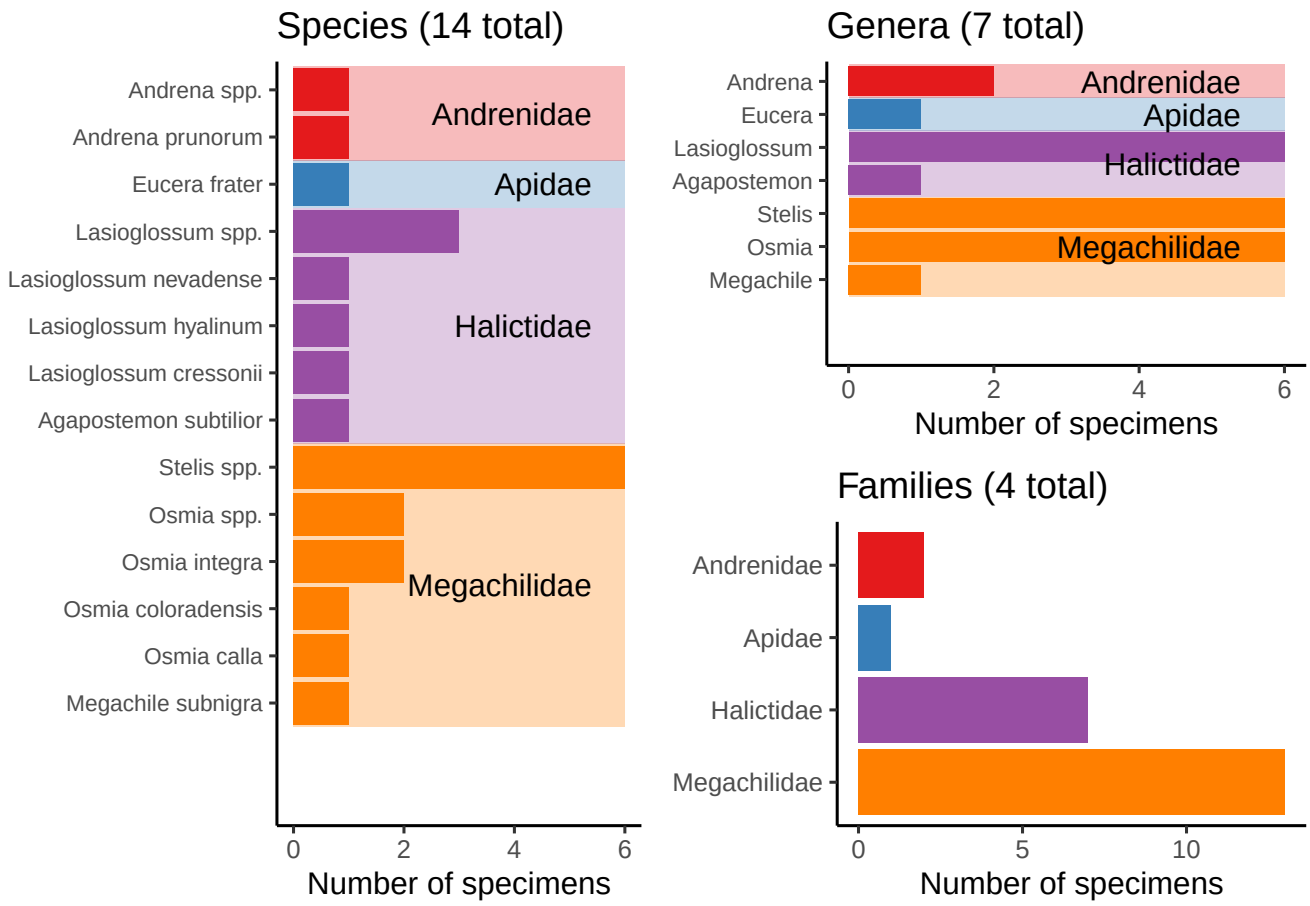

Figure 2: Bees caught by Emma Hoskins, broken down by species, genus, and family.

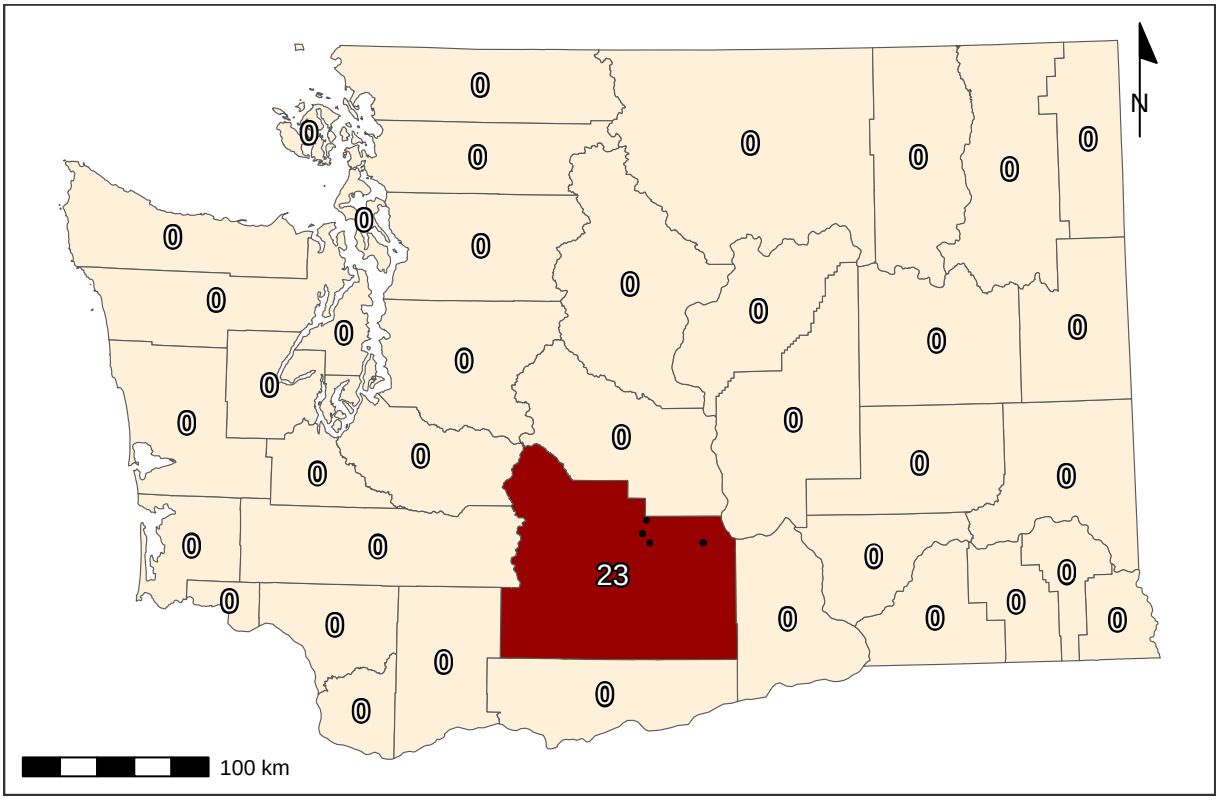

Figure 3: Bee catch locations for Emma Hoskins (within Washington), along with total catches per county.

3 Total Catches

Volunteers from the Washington Bee Atlas project caught 10006 bees across 35 counties from March 10, 2024 to November 14, 2024, representing 354 unique species and 43 unique genera. The **Nimble Net Kudos** (most specimens collected) goes to Karla Salp, Karen Wright, and Ingrid Carmean, who caught a total of 1689, 1005, and 957 specimens. The *positive* kind of **Darwin Award** (most species collected) goes to Karla Salp, Karen Wright, and Ellery Newcomer, who caught a total of 220, 167, and 153 unique species. Well done!

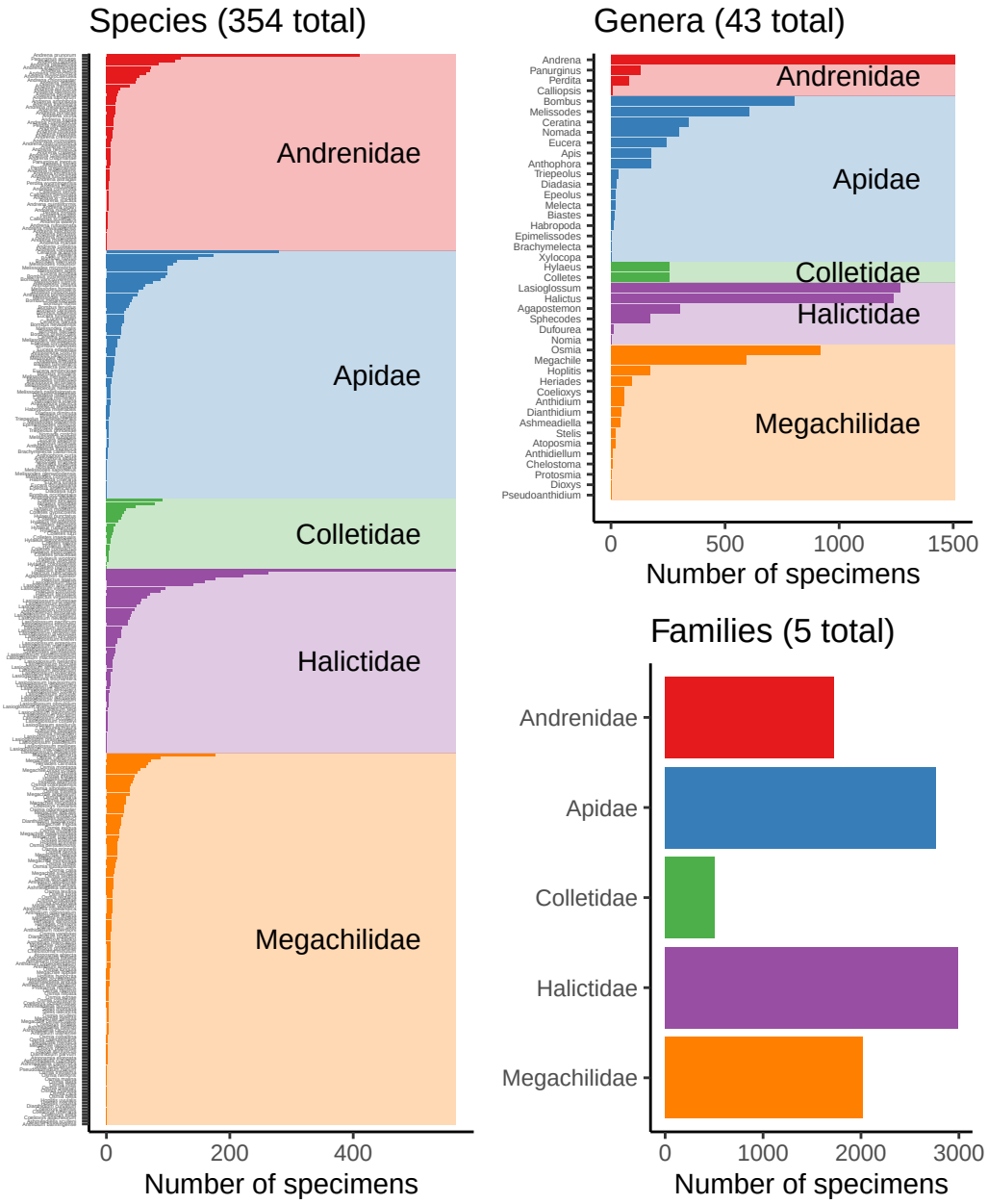

Figure 4: Bees caught by all volunteers, broken down by species, genus, and family.

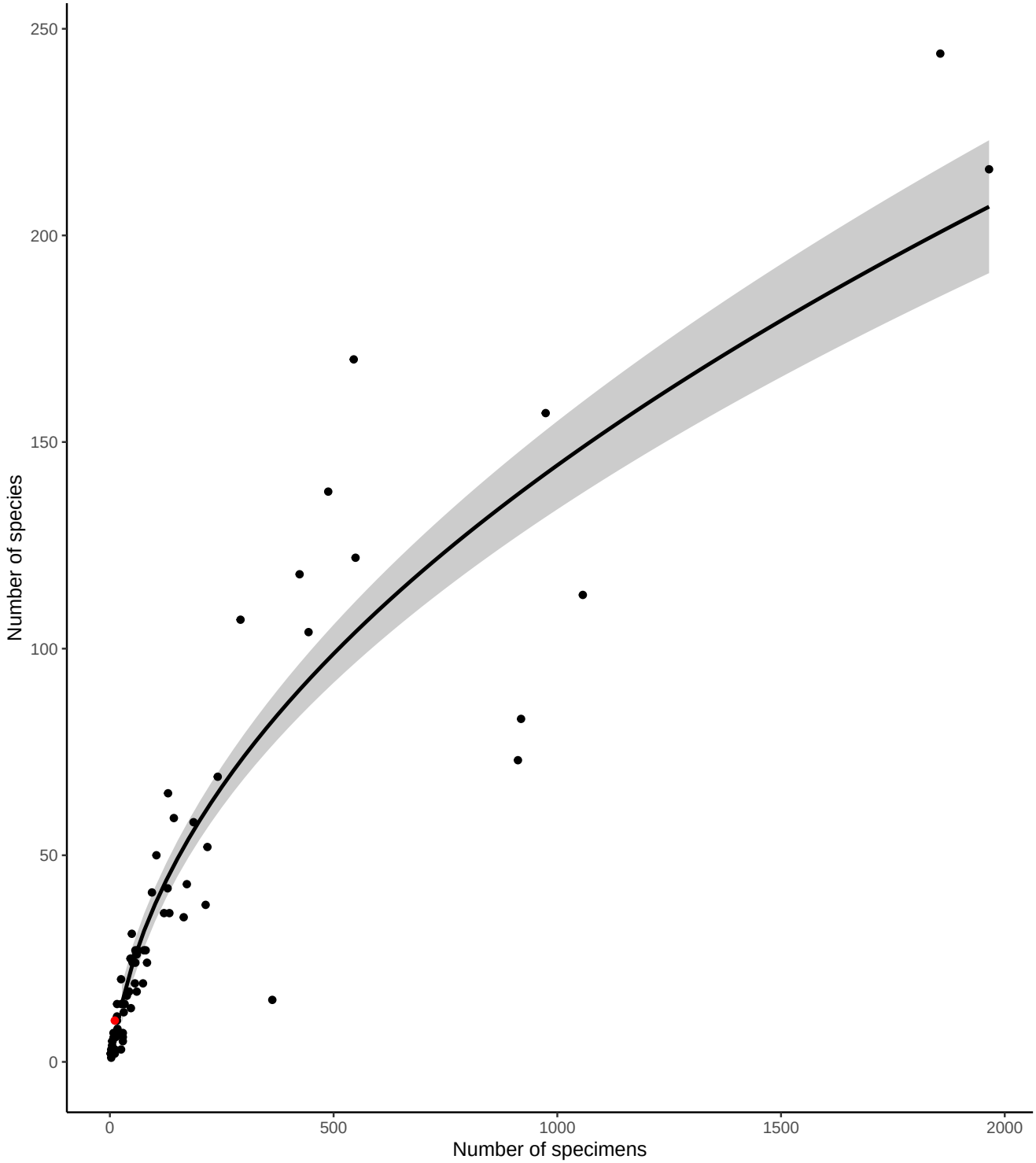

Figure 5: Number of bee specimens and unique bee species caught by all volunteers, with your effort shown in red. This graph should give you an idea of how many specimens you would need to catch to begin seeing rarer bee species.

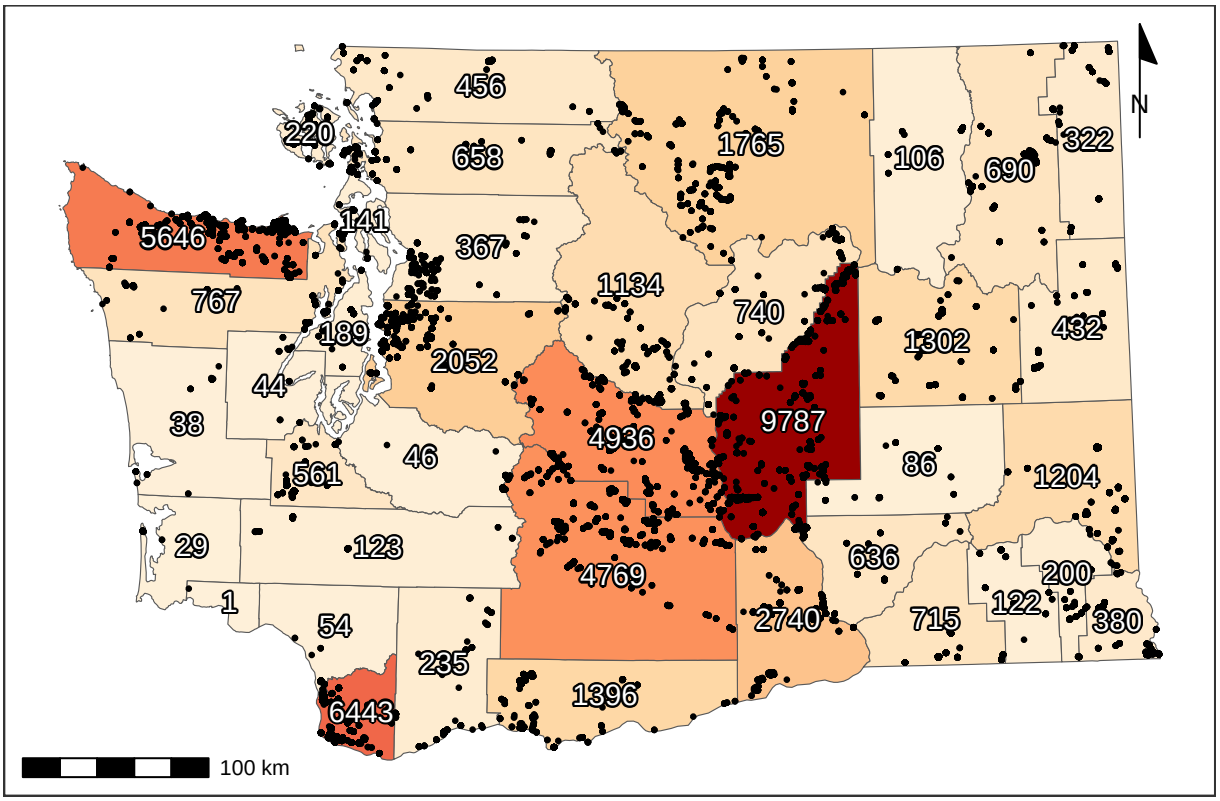

Figure 6: Total specimens caught per county, along with catch location of each specimen (black dots). For genus- and species-specific information for each county, see Tables 3 and 4.

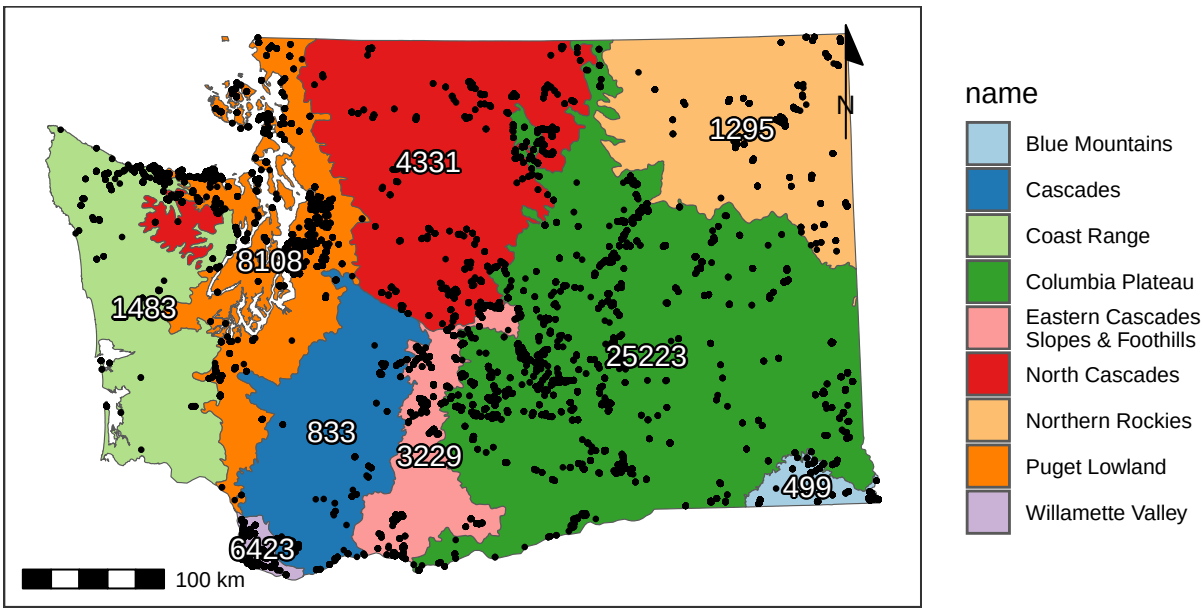

Figure 7: Total catches per ecoregion (Level III), along with catch location of each specimen (black dots).

4 Flight Phenology

4.1 West of (and including) the Cascade Mountains

Most bees (90%) were caught between April 16 and September 01, but the peak of season (50% of specimens) was from June 11 to July 27.

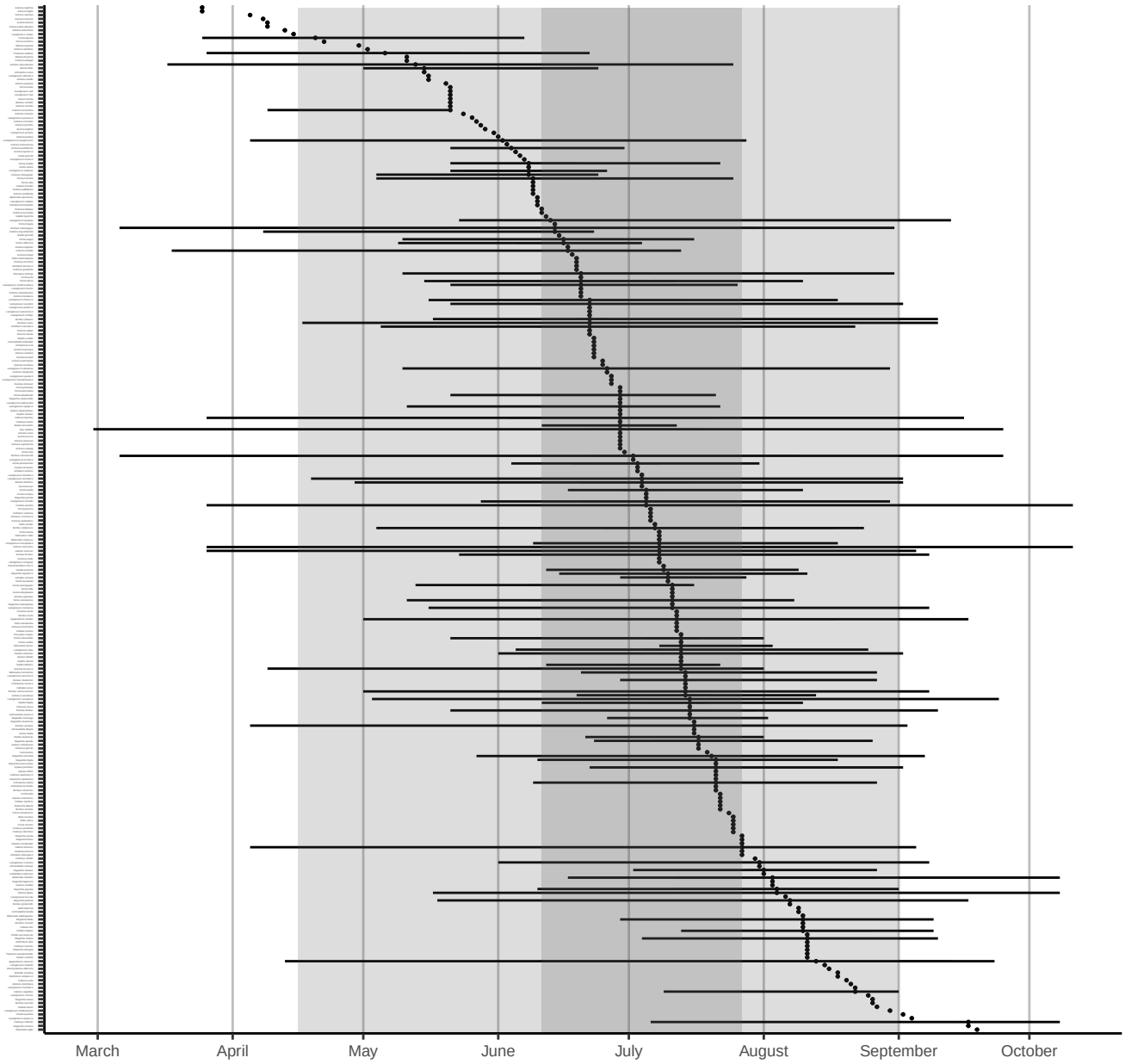

Figure 8: Phenology plot for all bee species caught in or West of the Cascade Mountains, sorted by median abundance times. Percentiles of overall emergence times (50th & 90th) are shown in grey shaded regions. Date ranges for each species (minimum, first, second, third quartiles, and maximum) are shown only for species with >10 specimens.

4.2 East of the Cascade Mountains

Most bees (90%) were caught between April 14 and September 18, but the peak of season (50% of specimens) was from May 15 to July 16.

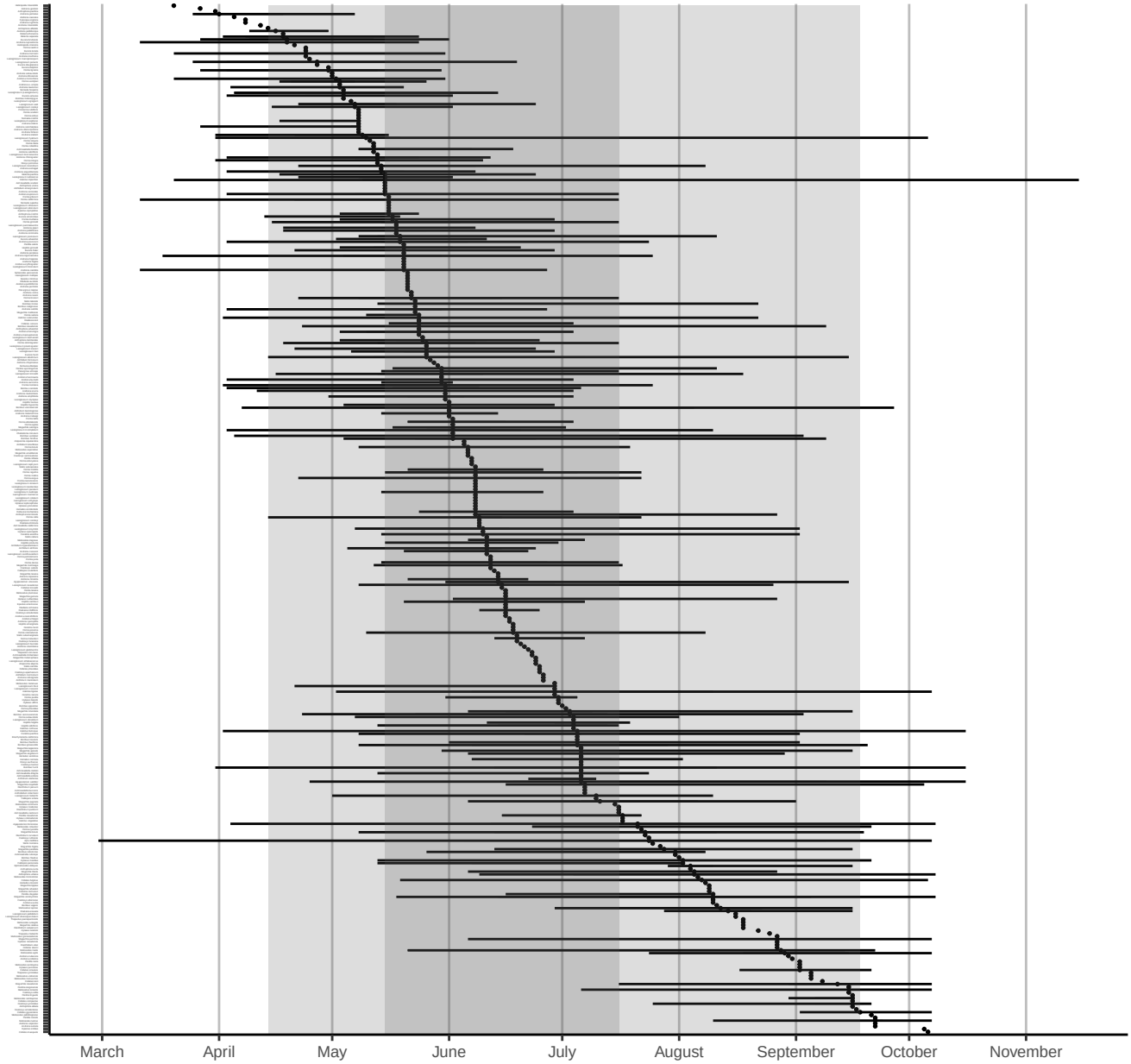

Figure 9: Phenology plot for all bee species caught east of the Cascade Mountains, sorted by median abundance times. Percentiles of overall emergence times (50th & 90th) are shown in grey shaded regions. Date ranges for each species (minimum, first, second, third quartiles, and maximum) are shown only for species with >10 specimens.

5 Plant genera

Volunteers collected specimens from a total of 371 unique flower genera, with most volunteers sampling from 12 flower genera (median value). The **Flower Power Kudos** (most sampled flower genera) goes to Karla Salp, Karen Wright, and Nancy Carlson, who collected bees from a total of 170, 155, and 118 genera of flowers. Well done!

The flower genera that had the most specimens caught on them were *Grindelia*, *Ericameria*, and *Lomatium*, which yielded a total of 1095, 731, and 717 specimens. The flower genera that were popular with the most species of bees were *Erigeron*, *Phacelia*, and *Cirsium*, hosting a total of 101, 98, and 91 unique bee species. See Tables 1 and 2 for more details.

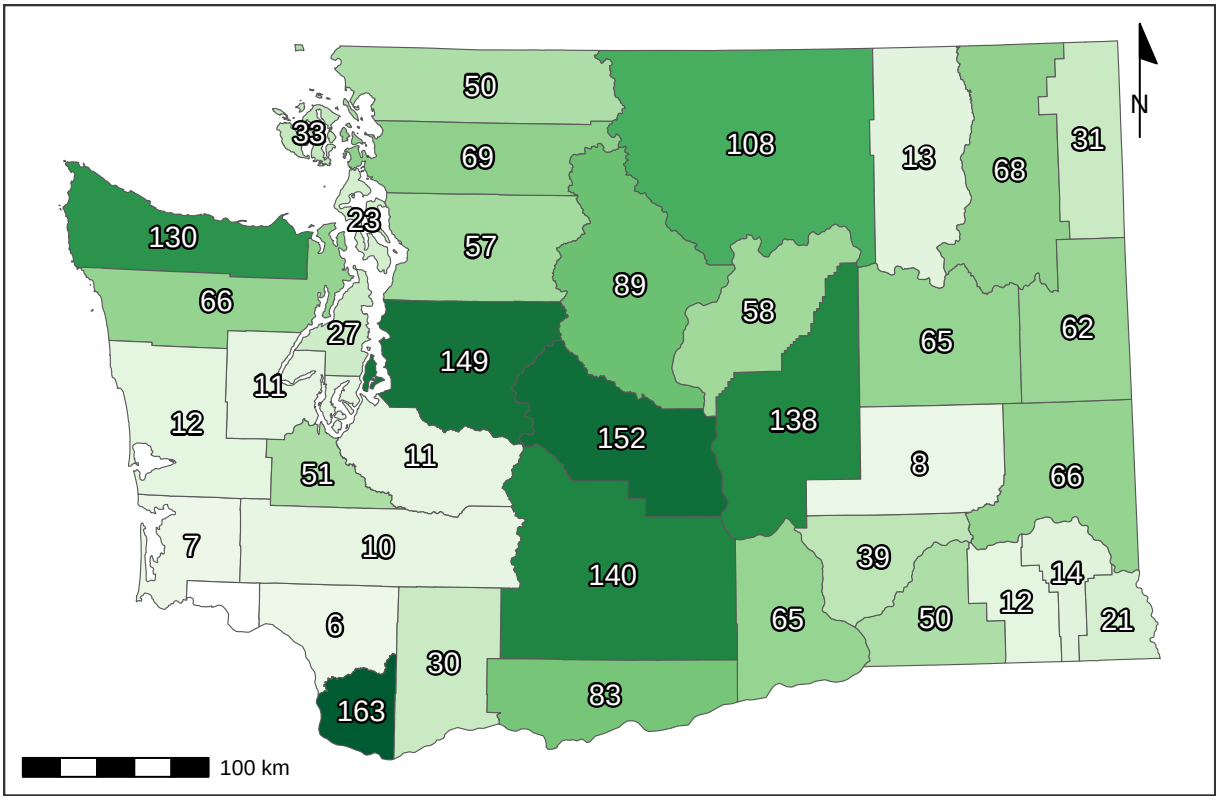

Figure 10: Recorded number of flower genera per county.

Table 1: Number of bee specimens collected from each plant genus. Plants with few records are great targets for future sampling.

Genus	Count	Genus	Count	Genus	Count	Genus	Count	Genus	Count	Genus	Count	Genus	Count
Grindelia	1095	*Amsinckia*	97	*Delphinium*	35	*Angelica*	18	*Armeria*	8	*Anthemis*	4	*Abelia*	2
Ericameria	731	*Berberis*	97	*Malva*	35	*Acmispon*	17	*Coriandrum*	8	*Artemisia*	3	*Androsace*	2
Lomatium	717	*Dieteria*	94	*Nemophila*	34	*Euphorbia*	17	*Cuphea*	8	*Asparagus*	3	*Arenaria*	2
Hypochaeris	655	*Eschscholzia*	94	*Syringa*	34	*Cacaliopsis*	16	*Cytisus*	8	*Barbarea*	3	*Cardamine*	2
Phacelia	624	*Fragaria*	93	*Drymocallis*	33	*Lewisia*	16	*Dipsacus*	8	*Dimorphotheca*	3	*Corydalis*	2
Helianthus	490	*Origanum*	91	*Descurainia*	32	*Campanula*	15	*Downingia*	8	*Eremogone*	3	*Cota*	2
Balsamorhiza	471	*Clarkia*	89	*Malus*	32	*Draba*	15	*Hesperochiron*	8	*Galium*	3	*Crocosmia*	2
Cirsium	450	*Medicago*	88	*Crataegus*	31	*Hackelia*	15	*Aquilegia*	7	*Gayophytum*	3	*Crocus*	2
Erigeron	446	*Ceanothus*	85	*Doellingeria*	31	*Heterotheca*	15	*Erica*	7	*Geum*	3	*Achlys*	1
Solidago	429	*Daucus*	83	*Myosotis*	31	*Lonicera*	15	*Fritillaria*	7	*Hibiscus*	3	*Adelinia*	1
Penstemon	414	*Sphaeralcea*	82	*Tanacetum*	31	*Oenothera*	15	*Viburnum*	7	*Impatiens*	3	*Albizia*	1
Leucanthemum	413	*Lathyrus*	78	*Bellis*	30	*Perideridia*	15	*Amelanchier*	6	*Lapsana*	3	*Anthoxanthum*	1
Sisymbrium	408	*Pediocactus*	78	*Cleomella*	30	*Ratibida*	15	*Anchusa*	6	*Liatris*	3	*Antirrhinum*	1
Eriogonum	381	*Epilobium*	77	*Hieracium*	30	*Antennaria*	14	*Cynara*	6	*Lobularia*	3	*Bellardia*	1
Lupinus	372	*Rudbeckia*	77	*Rorippa*	30	*Crocidium*	14	*Cynoglossum*	6	*Nothochelone*	3	*Boechera*	1
Potentilla	320	*Monardella*	74	*Cerastium*	29	*Frangula*	14	*Limnanthes*	6	*Oenanthe*	3	*Buglossoides*	1
Rubus	285	*Physocarpus*	71	*Collinsia*	29	*Hydrophyllum*	14	*Luetkea*	6	*Oreocarya*	3	*Calystegia*	1
Rosa	269	*Camassia*	70	*Lactuca*	29	*Plantago*	14	*Microseris*	6	*Physaria*	3	*Capsella*	1
Symphyotrichum	265	*Spiraea*	70	*Olsynium*	29	*Borago*	13	*Nigella*	6	*Pieris*	3	*Carduus*	1
Taraxacum	258	*Calochortus*	69	*Clematis*	28	*Helenium*	13	*Onopordum*	6	*Primula*	3	*Cercis*	1
Madia	256	*Nepeta*	68	*Acer*	27	*Bistorta*	12	*Phoenicaulis*	6	*Pseudognaphalium*	3	*Chamaecrista*	1
Holodiscus	247	*Coreopsis*	67	*Canadanthus*	27	*Cucurbita*	12	*Robinia*	6	*Sagittaria*	3	*Comandra*	1
Achillea	246	*Agastache*	66	*Sonchus*	27	*Heuchera*	12	*Ageratina*	5	*Saponaria*	3	*Cotoneaster*	1
Asclepias	228	*Hypericum*	60	*Sphaerophysa*	26	*Persicaria*	12	*Ajuga*	5	*Silene*	3	*Cryptantha*	1
Lotus	224	*Convolvulus*	59	*Linum*	25	*Spergularia*	12	*Ammi*	5	*Tellima*	3	*Cucumis*	1
Trifolium	218	*Cichorium*	55	*Wyethia*	25	*Vitex*	12	*Arctostaphylos*	5	*Thalictrum*	3	*Dicentra*	1
Crepis	217	*Veronica*	55	*Aruncus*	24	*Centaurium*	11	*Bassia*	5	*Thermopsis*	3	*Echinops*	1
Brassica	213	*Arnica*	54	*Chondrilla*	24	*Chorispora*	11	*Cymopterus*	5	*Visnaga*	3	*Erythronium*	1
Centaurea	210	*Digitalis*	54	*Lithospermum*	24	*Cosmos*	11	*Heliopsis*	5	*Dalea*	2	*Gnaphalium*	1
Prunus	202	*Linaria*	53	*Anethum*	23	*Dahlia*	11	*Hydrangea*	5	*Eurybia*	2	*Holcus*	1
Salix	200	*Chaenactis*	52	*Purshia*	23	*Micranthes*	11	*Melissa*	5	*Fagopyrum*	2	*Hylotelephium*	1
Ribes	188	*Nothocalais*	51	*Heracleum*	22	*Pseudotsuga*	11	*Mycelis*	5	*Fothergilla*	2	*Hymenopappus*	1
Ranunculus	184	*Sedum*	51	*Mentzelia*	22	*Pyrrocoma*	11	*Narcissus*	5	*Hesperis*	2	*Hyssopus*	1
Anaphalis	179	*Euthamia*	47	*Thelypodium*	22	*Valerianella*	11	*Petasites*	5	*Ionactis*	2	*Ilex*	1
Senecio	176	*Cornus*	44	*Triteleia*	22	*Asperugo*	10	*Phedimus*	5	*Kalmia*	2	*Ipomopsis*	1
Chrysothamnus	175	*Helianthella*	44	*Papaver*	21	*Berteroa*	10	*Sorbus*	5	*Ladeania*	2	*Isocoma*	1
Melilotus	167	*Lavandula*	44	*Polemonium*	21	*Erodium*	10	*Argentina*	4	*Ligusticum*	2	*Lamprocapnos*	1
Gaillardia	154	*Mentha*	44	*Erythranthe*	20	*Lamium*	10	*Cistus*	4	*Lycium*	2	*Lomelosia*	1
Chamaenerion	147	*Plagiobothrys*	44	*Frasera*	20	*Lygodesmia*	10	*Dichelostemma*	4	*Mertensia*	2	*Lycopus*	1
Philadelphus	146	*Plectritis*	43	*Iris*	20	*Marrubium*	10	*Echinacea*	4	*Montia*	2	*Matricaria*	1
Allium	144	*Pastinaca*	42	*Oemleria*	20	*Monarda*	10	*Elaeagnus*	4	*Nasturtium*	2	*Muscari*	1
Lepidium	134	*Rhododendron*	42	*Phlox*	20	*Solanum*	10	*Eutrochium*	4	*Noccaea*	2	*Nicotiana*	1
Symphoricarpos	132	*Vaccinium*	42	*Rhus*	20	*Tragopogon*	10	*Glycyrrhiza*	4	*Osmia*	2	*Oxalis*	1
Vicia	120	*Lithophragma*	40	*Toxicoscordion*	20	*Fallopia*	9	*Iberis*	4	*Ozomelis*	2	*Phalaris*	1
Gilia	119	*Erysimum*	39	*Abronia*	19	*Pyrus*	9	*Ivesia*	4	*Pedicularis*	2	*Pisum*	1
Salvia	117	*Nestotus*	39	*Anthriscus*	19	*Rhaphiolepis*	9	*Machaeranthera*	4	*Petroselinum*	2	*Polygonum*	1
Jacobaea	116	*Calendula*	38	*Castilleja*	19	*Tripleurospermum*	9	*Microsteris*	4	*Pilosella*	2	*Salsola*	1
Eriophyllum	111	*Dasiphora*	38	*Gaultheria*	19	*Leontodon*	8	*Mutarda*	4	*Poa*	2	*Sambucus*	1
Astragalus	104	*Sidalcea*	38	*Thymus*	19	*Levisticum*	8	*Opuntia*	4	*Pyracantha*	2	*Santolina*	1
Apocynum	102	*Cakile*	37	*Collomia*	18	*Paeonia*	8	*Petrosedum*	4	*Satureja*	2	*Sisyrinchium*	1
Geranium	99	*Claytonia*	37	*Oxytropis*	18	*Scrophularia*	8	*Stellaria*	4	*Symphytum*	2	*Urtica*	1
Iliamna	99	*Prunella*	35	*Stephanomeria*	18	*Stachys*	8	*Tolmiea*	4	*Viola*	2	*Veratrum*	1
Lythrum	97	*Rhaponticum*	35	*Tagetes*	18	*Valeriana*	8	*Verbena*	4	*Zinnia*	2	*Xerophyllum*	1

Table 2: Number of bee species collected from each plant genus

Genus	Count	Genus	Count	Genus	Count	Genus	Count	Genus	Count	Genus	Count	Genus	Count
Erigeron	101	*Coreopsis*	31	*Bellis*	15	*Antennaria*	8	*Ageratina*	4	*Argentina*	2	*Abelia*	1
Phacelia	98	*Agastache*	29	*Crataegus*	14	*Aruncus*	8	*Ajuga*	4	*Artemisia*	2	*Achlys*	1
Cirsium	91	*Eschscholzia*	29	*Heracleum*	14	*Berteroa*	8	*Ammi*	4	*Borago*	2	*Adelinia*	1
Grindelia	91	*Monardella*	29	*Hieracium*	14	*Cacaliopsis*	8	*Cistus*	4	*Cardamine*	2	*Albizia*	1
Eriogonum	86	*Berberis*	28	*Malus*	14	*Canadanthus*	8	*Cosmos*	4	*Cota*	2	*Androsace*	1
Penstemon	85	*Chrysothamnus*	28	*Malva*	14	*Cleomella*	8	*Cuphea*	4	*Crocosmia*	2	*Anthoxanthum*	1
Solidago	82	*Convolvulus*	28	*Tanacetum*	14	*Erysimum*	8	*Cymopterus*	4	*Dalea*	2	*Antirrhinum*	1
Crepis	75	*Dieteria*	28	*Lithospermum*	13	*Heuchera*	8	*Dahlia*	4	*Eurybia*	2	*Arenaria*	1
Hypochaeris	75	*Fragaria*	28	*Purshia*	13	*Hydrophyllum*	8	*Dichelostemma*	4	*Galium*	2	*Bellardia*	1
Lupinus	75	*Calochortus*	27	*Sonchus*	13	*Anethum*	7	*Echinacea*	4	*Geum*	2	*Boechera*	1
Leucanthemum	69	*Chaenactis*	27	*Collomia*	12	*Anthriscus*	7	*Eutrochium*	4	*Glycyrrhiza*	2	*Buglossoides*	1
Rosa	69	*Lathyrus*	27	*Doellingeria*	12	*Campanula*	7	*Frangula*	4	*Hesperis*	2	*Calystegia*	1
Potentilla	67	*Madia*	26	*Hackelia*	12	*Centaurium*	7	*Fritillaria*	4	*Iberis*	2	*Capsella*	1
Sisymbrium	64	*Medicago*	26	*Lactuca*	12	*Helenium*	7	*Heliopsis*	4	*Impatiens*	2	*Carduus*	1
Achillea	63	*Hypericum*	25	*Plantago*	12	*Heterotheca*	7	*Hydrangea*	4	*Ionactis*	2	*Cercis*	1
Ericameria	63	*Rudbeckia*	25	*Syringa*	12	*Micranthes*	7	*Ivesia*	4	*Kalmia*	2	*Chamaecrista*	1
Lomatium	63	*Arnica*	24	*Triteleia*	12	*Perideridia*	7	*Machaeranthera*	4	*Levisticum*	2	*Comandra*	1
Balsamorhiza	62	*Lythrum*	24	*Vaccinium*	12	*Rorippa*	7	*Microsteris*	4	*Liatris*	2	*Corydalis*	1
Rubus	62	*Nepeta*	24	*Wyethia*	12	*Stephanomeria*	7	*Mycelis*	4	*Ligusticum*	2	*Cotoneaster*	1
Centaurea	60	*Cichorium*	23	*Collinsia*	11	*Abronia*	6	*Narcissus*	4	*Limnanthes*	2	*Crocus*	1
Chamaenerion	59	*Clematis*	23	*Lonicera*	11	*Amelanchier*	6	*Oemleria*	4	*Lobularia*	2	*Cryptantha*	1
Allium	58	*Epilobium*	23	*Mentzelia*	11	*Aquilegia*	6	*Onopordum*	4	*Lycium*	2	*Cucumis*	1
Senecio	51	*Claytonia*	22	*Olsynium*	11	*Armeria*	6	*Phedimus*	4	*Montia*	2	*Dicentra*	1
Helianthus	50	*Euthamia*	22	*Sphaerophysa*	11	*Castilleja*	6	*Stachys*	4	*Nasturtium*	2	*Downingia*	1
Holodiscus	50	*Iliamna*	21	*Thelypodium*	11	*Crocidium*	6	*Toxicoscordion*	4	*Nigella*	2	*Echinops*	1
Melilotus	50	*Linaria*	21	*Thymus*	11	*Cucurbita*	6	*Anthemis*	3	*Nothochelone*	2	*Erythronium*	1
Prunus	50	*Nothocalais*	21	*Acer*	10	*Erica*	6	*Arctostaphylos*	3	*Opuntia*	2	*Fagopyrum*	1
Trifolium	50	*Sedum*	21	*Chondrilla*	10	*Fallopia*	6	*Asparagus*	3	*Osmia*	2	*Fothergilla*	1
Lotus	49	*Philadelphus*	20	*Descurainia*	10	*Hesperochiron*	6	*Barbarea*	3	*Oxytropis*	2	*Gnaphalium*	1
Taraxacum	49	*Physocarpus*	20	*Digitalis*	10	*Leontodon*	6	*Bassia*	3	*Pedicularis*	2	*Holcus*	1
Anaphalis	45	*Sphaeralcea*	20	*Euphorbia*	10	*Monarda*	6	*Cynara*	3	*Petroselinum*	2	*Hylotelephium*	1
Gaillardia	45	*Camassia*	19	*Lewisia*	10	*Persicaria*	6	*Dimorphotheca*	3	*Physaria*	2	*Hymenopappus*	1
Salvia	45	*Cornus*	19	*Oenothera*	10	*Rhaphiolepis*	6	*Elaeagnus*	3	*Pieris*	2	*Hyssopus*	1
Brassica	43	*Plectritis*	19	*Plagiobothrys*	10	*Spergularia*	6	*Eremogone*	3	*Pyracantha*	2	*Ilex*	1
Ranunculus	43	*Veronica*	19	*Polemonium*	10	*Tripleurospermum*	6	*Gayophytum*	3	*Stellaria*	2	*Ipomopsis*	1
Symphyotrichum	43	*Daucus*	18	*Pseudotsuga*	10	*Valerianella*	6	*Hibiscus*	3	*Symphytum*	2	*Isocoma*	1
Vicia	43	*Delphinium*	18	*Acmispon*	9	*Anchusa*	5	*Lamium*	3	*Thermopsis*	2	*Ladeania*	1
Lepidium	42	*Drymocallis*	18	*Angelica*	9	*Asperugo*	5	*Lapsana*	3	*Viola*	2	*Lamprocapnos*	1
Salix	38	*Mentha*	18	*Bistorta*	9	*Coriandrum*	5	*Luetkea*	3	*Polygonum*	1	*Lomelosia*	1
Symphoricarpos	38	*Nestotus*	18	*Cerastium*	9	*Cynoglossum*	5	*Mutarda*	3	*Salsola*	1	*Lycopus*	1
Asclepias	37	*Prunella*	18	*Chorispora*	9	*Cytisus*	5	*Oenanthe*	3	*Sambucus*	1	*Matricaria*	1
Amsinckia	35	*Erythranthe*	17	*Erodium*	9	*Dipsacus*	5	*Oreocarya*	3	*Santolina*	1	*Melissa*	1
Apocynum	35	*Helianthella*	17	*Frasera*	9	*Draba*	5	*Phoenicaulis*	3	*Satureja*	1	*Mertensia*	1
Eriophyllum	35	*Linum*	17	*Iris*	9	*Gaultheria*	5	*Primula*	3	*Sisyrinchium*	1	*Muscari*	1
Geranium	34	*Rhaponticum*	17	*Nemophila*	9	*Microseris*	5	*Pseudognaphalium*	3	*Tellima*	1	*Nicotiana*	1
Jacobaea	34	*Cakile*	16	*Pastinaca*	9	*Paeonia*	5	*Pyrus*	3	*Thalictrum*	1	*Noccaea*	1
Ribes	34	*Pediocactus*	16	*Lithophragma*	8	*Petasites*	5	*Robinia*	3	*Tolmiea*	1	*Oxalis*	1
Ceanothus	33	*Sidalcea*	16	*Lygodesmia*	8	*Phlox*	5	*Sagittaria*	3	*Urtica*	1	*Ozomelis*	1
Clarkia	33	*Calendula*	15	*Marrubium*	8	*Pyrrocoma*	5	*Saponaria*	3	*Veratrum*	1	*Petrosedum*	1
Origanum	33	*Dasiphora*	15	*Papaver*	8	*Solanum*	5	*Scrophularia*	3	*Verbena*	1	*Phalaris*	1
Spiraea	33	*Lavandula*	15	*Ratibida*	8	*Tragopogon*	5	*Silene*	3	*Visnaga*	1	*Pilosella*	1
Astragalus	32	*Myosotis*	15	*Rhus*	8	*Valeriana*	4	*Sorbus*	3	*Xerophyllum*	1	*Pisum*	1
Gilia	32	*Rhododendron*	15	*Tagetes*	8	*Viburnum*	4	*Vitex*	3	*Zinnia*	1	*Poa*	1

6 County records

Table 3: Number of bee specimens from each county, by genus. You may want to focus your sampling in under-sampled counties.

	Adams	Asotin	Benton	Chelan	Clallam	Clark	Columbia	Cowlitz	Douglas	Ferry	Franklin	Garfield	Grant	Grays Harbor	Island	Jefferson	King	Kitsap	Kittitas	Klickitat	Lewis	Lincoln	Mason	Okanogan	Pacific	Pend Oreille	Pierce	San Juan	Skagit	Skamania	Snohomish	Spokane	Stevens	Thurston	Wahkiakum	Walla Walla	Whatcom	Whitman	Yakima	TOTAL
Agapostemon	2	0	3	0	34	194	3	2	30	1	2	4	110	0	3	11	15	0	16	1	0	1	0	11	0	0	0	2	1	0	6	2	0	17	0	1	1	20	10	503
Andrena	6	15	25	71	201	305	13	2	90	5	3	25	341	0	1	37	142	5	700	118	11	71	2	67	0	4	0	1	40	16	5	57	30	29	0	29	13	361	392	3233
Anthidiellum	0	0	0	0	0	1	0	0	0	0	3	0	8	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	20
Anthidium	0	0	2	1	17	12	0	0	4	1	3	2	30	1	0	1	19	4	24	3	0	2	0	7	0	0	1	1	0	0	6	5	1	1	0	0	0	0	24	172
Anthophora	2	1	9	6	36	3	0	0	8	0	10	0	84	0	2	25	5	0	26	9	0	2	0	16	0	1	0	0	1	0	0	4	0	0	0	4	5	9	43	311
Apis	0	0	2	6	12	59	1	0	0	0	10	0	58	0	22	2	6	5	31	4	0	3	0	9	0	1	0	1	7	4	0	9	3	6	0	1	0	1	24	287
Ashmeadiella	0	3	0	6	1	0	0	0	2	0	0	0	60	0	0	0	1	0	21	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	14	110
Atoposmia	0	0	0	0	0	4	0	0	0	0	0	3	7	0	0	0	0	0	4	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	5	0	16	43
Biastes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Bombus	1	5	7	33	297	128	7	1	18	4	7	14	95	9	13	304	19	105	239	29	0	8	5	68	0	43	2	1	33	7	6	15	22	40	1	20	14	24	230	1874
Brachymelecta	0	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3	9
Calliopsis	0	0	0	0	0	0	0	0	3	0	0	0	35	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	44
Ceratina	0	2	6	5	90	352	5	3	6	3	0	0	49	0	7	27	63	4	50	12	0	1	4	3	0	4	0	1	4	4	4	11	3	15	0	65	1	11	95	910
Chelostoma	0	0	0	0	1	0	0	0	0	0	0	0	3	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	22
Coelioxys	1	3	3	0	24	21	0	1	0	0	4	0	32	0	0	0	10	0	5	0	0	0	0	0	0	0	1	1	0	0	1	0	0	3	0	1	0	0	10	121
Colletes	0	8	15	2	168	7	0	0	12	0	6	3	241	1	0	6	9	0	76	3	0	1	0	1	0	1	0	0	0	1	0	0	1	1	0	0	2	7	59	631
Diadasia	0	1	23	1	0	0	0	0	3	0	0	0	42	0	0	0	0	0	61	0	0	5	0	4	0	0	0	0	0	0	0	1	0	0	0	0	0	1	69	211
Dianthidium	0	0	10	0	86	1	0	0	6	0	0	0	22	0	0	0	0	0	25	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0	27	181
Dioxys	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Dufourea	0	0	0	1	4	0	0	0	2	0	0	0	0	0	0	0	0	0	11	0	0	0	0	4	0	0	0	0	0	0	0	1	0	0	0	0	1	0	9	33
Epeolus	0	1	4	0	78	1	0	0	1	0	0	0	13	0	2	0	0	0	3	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	1	107
Epimelissodes	0	0	2	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	12
Eucera	0	6	12	21	2	2	7	0	30	3	3	2	50	0	0	2	1	0	137	2	0	16	0	6	0	0	0	0	0	0	0	0	1	0	0	2	0	42	47	394
Habropoda	0	0	0	1	0	0	0	0	0	0	1	0	24	0	0	1	3	1	2	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	8	44
Halictus	0	3	23	42	482	823	2	4	48	2	18	0	162	0	3	35	118	3	146	26	0	28	0	52	0	5	0	1	12	7	13	18	4	10	0	22	48	24	179	2363
Heriades	0	0	11	6	9	44	0	0	0	1	1	0	39	0	0	2	31	0	20	4	0	2	0	14	0	4	0	0	0	0	1	7	2	0	0	11	1	0	15	225
Hoplitis	0	3	22	10	25	27	1	0	4	10	11	1	89	0	0	1	0	0	99	7	0	7	0	33	0	4	0	0	0	5	0	6	7	0	0	25	0	9	73	479
Hylaeus	0	3	9	17	33	77	2	0	5	6	3	0	90	1	2	3	18	0	193	3	0	3	0	17	0	23	1	2	0	3	3	15	3	0	0	15	7	2	198	757
Lasioglossum	4	5	16	44	288	601	1	2	26	0	3	9	169	0	2	33	47	1	316	47	2	24	2	21	2	14	4	3	36	10	24	9	6	159	0	12	6	68	319	2335
Megachile	7	5	101	14	152	169	1	6	17	8	33	10	422	3	1	8	50	11	264	13	3	6	0	35	0	19	0	4	4	1	4	10	2	5	0	20	5	8	204	1625
Melecta	0	0	0	1	1	0	1	0	0	0	0	1	16	0	0	0	0	0	8	0	0	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1	8	41
Melissodes	4	19	32	0	73	607	0	18	16	0	20	8	368	0	1	5	25	0	54	15	0	2	0	3	0	4	0	0	5	1	0	1	0	0	0	0	1	13	181	1476
Nomada	0	4	9	10	31	68	6	0	13	4	1	1	39	0	0	3	21	0	81	6	0	27	0	15	0	14	0	0	5	0	6	10	6	21	0	14	1	52	44	512
Nomia	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	25
Osmia	0	7	49	92	134	96	1	3	37	38	22	13	499	0	0	41	62	5	410	64	0	25	7	116	0	29	4	3	10	15	7	45	1	7	0	67	18	45	419	2391
Panurginus	0	0	1	16	55	26	1	0	1	0	0	2	0	0	0	13	4	1	40	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	13	21	196
Perdita	0	0	11	13	0	0	8	0	7	0	10	0	63	0	0	0	1	0	28	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	58	204
Protosmia	0	0	0	1	0	6	0	0	0	0	0	0	1	0	0	0	0	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	16
Pseudoanthidium	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Sphecodes	0	0	1	4	85	17	0	1	7	2	1	1	23	0	0	13	18	0	50	5	0	1	0	1	0	10	0	0	2	2	2	1	1	23	0	6	1	2	41	321
Stelis	0	0	0	1	0	9	1	0	1	1	0	0	7	0	0	0	0	0	9	1	0	0	0	1	0	1	2	0	0	0	0	3	0	0	0	1	1	1	17	57
Triepeolus	0	2	9	0	1	19	0	0	2	0	0	0	36	0	0	0	0	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	11	90
Xylocopa	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	27	97	419	425	2421	3689	61	43	399	89	175	99	3344	15	59	573	688	146	3188	382	16	237	20	517	2	184	15	22	160	77	89	235	93	337	1	343	132	721	2878	22418

Table 4: Number of bee specimens from each county, by species

	Adams	Asotin	Benton	Chelan	Clallam	Clark	Columbia	Cowlitz	Douglas	Ferry	Franklin	Garfield	Grant	Grays Harbor	Island	Jefferson	King	Kitsap	Kittitas	Klickitat	Lewis	Lincoln	Mason	Okanogan	Pacific	Pend Oreille	Pierce	San Juan	Skagit	Skamania	Snohomish	Spokane	Stevens	Thurston	Wahkiakum	Walla Walla	Whatcom	Whitman	Yakima	TOTAL
Agapostemon femoratus	0	0	0	0	0	0	2	0	4	0	2	0	70	0	0	0	0	0	1	0	0	0	0	5	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	87
Agapostemon subtilior	0	0	1	0	31	142	0	2	25	1	0	0	35	0	1	10	15	0	13	1	0	0	0	4	0	0	0	1	1	0	6	0	0	14	0	1	1	1	6	312
Agapostemon virescens	0	0	2	0	0	52	1	0	1	0	0	4	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	1	0	3	0	0	0	19	1	87
Andrena amphibola	0	1	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	32
Andrena angustitarsata	0	0	0	7	4	0	0	0	0	0	0	1	0	0	0	0	7	0	44	3	0	0	0	1	0	0	0	0	0	6	0	0	0	2	0	0	0	5	21	101
Andrena anisochlora	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Andrena astragali	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	5
Andrena auricoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	22
Andrena buckelli	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	2	0	11	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	21
Andrena caerulea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Andrena candida	0	1	0	0	14	57	0	0	1	0	0	0	2	0	0	5	6	0	7	1	0	0	0	7	0	0	0	0	0	0	0	0	4	1	0	1	1	3	6	117
Andrena ceanothifloris	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Andrena chapmanae	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Andrena chlorogaster	0	0	0	11	0	0	0	0	15	0	0	0	2	0	0	0	0	0	35	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15	82
Andrena cleodora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Andrena colletina	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Andrena columbiana	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	22
Andrena commoda	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4
Andrena crataegi	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	7	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	12
Andrena cressonii	0	4	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	22
Andrena cupreotincta	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	5	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	14
Andrena cyanophila	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	6
Andrena erythrogaster	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Andrena forbesii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Andrena frigida	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	7	1	0	13
Andrena fuscicauda	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
Andrena gordoni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Andrena hemileuca	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	8
Andrena hippotes	0	0	0	1	0	5	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	14
Andrena illinoiensis	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Andrena knuthiana	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Andrena lawrencei	0	0	0	1	0	0	0	0	3	0	0	0	5	0	0	0	0	0	19	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	42
Andrena lupinorum	0	0	0	1	0	1	0	0	0	0	0	3	1	0	0	0	0	0	16	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	31
Andrena macoupinensis	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Andrena mariae	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Andrena medionitens	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	5
Andrena melanochroa	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	1	0	4	0	0	0	1	1	7	5	30
Andrena merriami	0	0	0	3	0	0	0	0	1	0	0	0	4	0	0	0	0	0	45	4	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	82
Andrena microchlora	0	0	0	3	0	0	0	0	3	0	0	13	9	0	0	0	0	0	91	1	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	168
Andrena milwaukeensis	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Andrena miranda	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	7	0	0	0	0	16	6	36
Andrena miserabilis	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Andrena nigrihirta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	6
Andrena nigrocaerulea	0	4	1	2	7	3	0	0	0	0	0	0	9	0	0	2	0	0	29	16	0	1	0	6	0	0	0	0	1	0	0	4	0	5	0	0	0	9	9	108
Andrena nivalis	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Andrena nubecula	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Andrena obscuripostica	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	4	12
Andrena pallidifovea	0	0	0	10	2	0	0	0	4	0	0	0	3	0	0	0	1	0	93	3	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	13	141
Andrena pallidiscopa	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	22
Andrena perpleza	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	1	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	18
Andrena pertristis	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5
Andrena piperi	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	21	30
Andrena porterae	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Andrena prunorum	0	1	4	3	68	33	4	2	17	0	1	0	127	0	0	4	34	0	27	6	0	3	0	12	0	0	0	0	2	0	0	5	12	0	0	17	0	238	50	670
Andrena quintiliformis	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	12
Andrena raveni	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Andrena rufosignata	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Andrena salicifloris	0	0	0	0	0	6	0	0	0	0	0	0	1	0	0	0	1	0	3	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	15
Andrena scurra	0	0	2	0	0	0	0	0	12	0	0	0	7	0	0	0	0	0	25	0	0	12	0	1	0	0	0	0	0	0	0	0	3	0	0	5	0	3	9	79
Andrena sladeni	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Andrena subaustralis	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Andrena subchalybea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	11
Andrena subtilis	0	3	0	1	14	0	0	0	3	0	0	4	2	0	0	0	1	0	23	3	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	7	8	74
Andrena sulcata	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4
Andrena surda	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9
Andrena thaspii	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	6
Andrena topazana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	11
Andrena transnigra	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	25
Andrena tridens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Andrena vicina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	0	13

Table 4: Number of bee specimens from each county, by species *(continued)*

	Adams	Asotin	Benton	Chelan	Clallam	Clark	Columbia	Cowlitz	Douglas	Ferry	Franklin	Garfield	Grant	Grays Harbor	Island	Jefferson	King	Kitsap	Kittitas	Klickitat	Lewis	Lincoln	Mason	Okanogan	Pacific	Pend Oreille	Pierce	San Juan	Skagit	Skamania	Snohomish	Spokane	Stevens	Thurston	Wahkiakum	Walla Walla	Whatcom	Whitman	Yakima	TOTAL
Andrena vicinoides	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	4	12
Andrena vulpicolor	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Andrena w-scripta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3
Andrena walleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Andrena washingtoni	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Anthidiellum robertsoni	0	0	0	0	0	0	0	0	0	0	2	0	5	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11
Anthidium atrifrons	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	19
Anthidium banningense	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7
Anthidium clypeodentatum	0	0	0	0	0	0	0	0	3	0	0	0	4	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Anthidium emarginatum	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
Anthidium formosum	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Anthidium manicatum	0	0	2	0	4	9	0	0	0	0	1	0	1	1	0	1	4	4	0	0	0	0	0	0	0	0	0	1	0	0	1	3	0	1	0	0	0	0	1	34
Anthidium mormonum	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	4	0	0	0	0	0	0	0	2	1	0	0	0	0	0	4	15
Anthidium oblongatum	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	23
Anthidium tenuiflorae	0	0	0	1	3	0	0	0	0	0	0	0	1	0	0	0	0	0	7	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	18
Anthidium utahense	0	0	0	0	0	0	0	0	1	1	0	0	5	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	17
Anthophora affabilis	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Anthophora albata	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Anthophora bomboides	0	0	0	0	27	0	0	0	0	0	0	0	6	0	0	24	0	0	5	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	1	8	1	76
Anthophora crotchii	0	0	6	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	18
Anthophora curta	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Anthophora edwardsii	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Anthophora pacifica	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Anthophora terminalis	0	0	0	0	7	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	9	21
Anthophora urbana	0	0	0	0	0	1	0	0	0	0	9	0	20	0	0	0	0	0	7	3	0	0	0	14	0	0	0	0	1	0	0	1	0	0	0	0	3	0	6	65
Anthophora ursina	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	9
Apis mellifera	0	0	2	6	12	59	1	0	0	0	10	0	58	0	22	2	6	5	31	4	0	3	0	9	0	1	0	1	7	4	0	9	3	6	0	1	0	1	24	287
Ashmeadiella aridula	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Ashmeadiella bucconis	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6
Ashmeadiella cactorum	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Ashmeadiella californica	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Ashmeadiella cubiceps	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Ashmeadiella difugita	0	0	0	1	0	0	0	0	0	0	0	0	7	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	13
Ashmeadiella foxiella	0	3	0	1	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	15
Ashmeadiella meliloti	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Ashmeadiella sculleni	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Ashmeadiella timberlakei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Atoposmia abjecta	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	7
Atoposmia copelandica	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	0	7	15
Atoposmia elongata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
Biastes fulviventris	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Bombus appositus	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Bombus caliginosus	0	0	0	0	1	10	0	0	0	0	0	0	0	3	0	26	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44
Bombus centralis	0	1	0	1	0	0	0	0	5	0	0	0	19	0	0	0	0	0	18	1	0	3	0	7	0	0	0	0	0	0	0	1	1	0	0	5	0	8	31	101
Bombus fervidus	0	0	0	0	3	10	2	0	2	0	0	5	4	0	0	0	1	0	3	4	0	0	0	6	0	0	0	0	0	0	0	0	0	2	0	1	0	2	12	57
Bombus flavidus	0	0	0	3	20	0	0	0	0	0	0	0	0	0	0	6	0	0	1	0	0	0	0	1	0	3	0	0	1	1	1	0	0	0	0	0	0	0	2	39
Bombus flavifrons	0	0	0	4	70	5	0	0	0	0	0	5	1	1	9	92	3	42	8	0	0	0	4	1	0	1	0	0	9	0	2	0	3	7	0	0	1	0	0	268
Bombus griseocollis	0	0	3	1	0	8	1	0	1	0	3	0	8	0	0	0	0	0	2	4	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	4	0	2	2	44
Bombus huntii	0	0	1	0	0	0	0	0	5	0	3	0	15	0	0	0	0	0	10	0	0	0	0	13	0	0	0	0	0	0	0	1	0	0	0	0	0	1	6	55
Bombus insularis	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	11
Bombus melanopygus	0	0	0	1	30	5	0	0	0	0	0	0	0	0	0	5	0	17	2	0	0	0	0	0	0	8	0	0	4	1	0	1	0	2	0	0	2	0	9	87
Bombus mixtus	0	0	0	4	86	32	1	0	1	1	0	0	0	2	1	84	10	22	18	4	0	0	0	2	0	13	1	0	9	0	2	1	4	14	0	0	3	1	9	325
Bombus nevadensis	0	2	1	0	0	0	1	0	1	0	0	0	19	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	1	43
Bombus occidentalis	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Bombus rufocinctus	0	0	0	1	37	0	0	0	0	1	0	0	0	0	0	0	0	4	2	0	0	0	0	12	0	1	0	1	0	0	0	2	0	0	0	1	1	0	0	63
Bombus sitkensis	0	0	0	1	25	0	0	0	0	0	0	0	0	0	2	6	0	3	0	0	0	0	0	0	0	5	0	0	2	1	0	0	0	2	0	0	2	0	2	51
Bombus sylvicola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Bombus vagans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	2	0	0	2	0	0	3	11
Bombus vancouverensis	0	1	0	6	1	0	2	1	0	2	0	4	2	0	0	0	0	0	45	1	0	1	0	7	0	12	0	0	4	1	0	6	12	0	0	0	1	3	27	139
Bombus vandykei	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	3	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	29	52
Bombus vosnesenskii	0	0	1	4	21	56	0	0	3	0	1	0	0	3	1	84	5	15	11	0	0	0	1	1	0	0	0	0	2	2	1	0	0	13	1	0	1	0	4	231
Brachymelecta californica	0	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3	9
Calliopsis personata	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	20
Calliopsis scitula	0	0	0	0	0	0	0	0	2	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Calliopsis scutellaris	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Calliopsis zenus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Ceratina acantha	0	1	0	2	51	141	0	0	0	0	0	0	5	0	7	17	37	2	12	10	0	0	2	1	0	0	0	0	4	4	4	3	1	2	0	53	1	0	41	401
Ceratina hurdi	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Ceratina micheneri	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6
Ceratina nanula	0	0	0	2	25	0	0	0	0	0	0	0	0	0	0	9	0	0	1	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	1	4	45

Table 4: Number of bee specimens from each county, by species *(continued)*

	Adams	Asotin	Benton	Chelan	Clallam	Clark	Columbia	Cowlitz	Douglas	Ferry	Franklin	Garfield	Grant	Grays Harbor	Island	Jefferson	King	Kitsap	Kittitas	Klickitat	Lewis	Lincoln	Mason	Okanogan	Pacific	Pend Oreille	Pierce	San Juan	Skagit	Skamania	Snohomish	Spokane	Stevens	Thurston	Wahkiakum	Walla Walla	Whatcom	Whitman	Yakima	TOTAL
Ceratina pacifica	0	0	0	0	0	0	0	0	1	0	0	0	16	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	28
Chelostoma minutum	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7
Coelioxys alternatus	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3
Coelioxys apacheorum	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Coelioxys banksi	0	0	0	0	4	2	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Coelioxys edita	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Coelioxys funeraria	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5
Coelioxys gilensis	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
Coelioxys grindeliae	0	0	1	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11
Coelioxys moestus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Coelioxys octodentata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Coelioxys octodentatus	0	1	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Coelioxys rufitarsis	0	1	0	0	14	10	0	0	0	0	0	0	4	0	0	0	9	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	41
Coelioxys serricaudatus	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Coelioxys sodalis	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	1	7
Colletes compactus	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	5
Colletes consors	0	0	0	0	0	0	0	0	4	0	0	0	6	0	0	0	0	0	13	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	25
Colletes fulgidus	0	3	0	1	7	1	0	0	3	0	0	1	7	1	0	0	4	0	17	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	3	5	56
Colletes gypsicolens	0	2	11	0	0	0	0	0	1	0	2	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	8	35
Colletes inaequalis	0	2	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8
Colletes kincaidii	0	1	0	0	99	0	0	0	1	0	0	0	0	0	0	6	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	4	114
Colletes lutzi	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Colletes nigrifrons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Colletes phaceliae	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Colletes simulans	0	0	1	0	0	0	0	0	2	0	1	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	16
Colletes slevini	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9
Diadasia australis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Diadasia diminuta	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7
Diadasia enavata	0	1	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	13
Diadasia lutzi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Diadasia nitidifrons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	26
Diadasia ochracea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41
Dianthidium curvatum	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Dianthidium parvum	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Dianthidium pudicum	0	0	0	0	0	0	0	0	1	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9
Dianthidium subparvum	0	0	0	0	68	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	72
Dianthidium ulkei	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	3	13
Diozys aurifuscus	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Diozys pomonae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Dufourea dilatipes	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Dufourea maura	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
Dufourea trochantera	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	6	13
Epeolus americanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
Epeolus emiliae	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Epeolus minimus	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	4
Epeolus olympiellus	0	0	0	0	76	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	80
Epimelissodes obliquus	0	0	2	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	12
Eucera acerba	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Eucera actuosa	0	0	0	11	0	0	0	0	7	0	0	0	6	0	0	0	0	0	84	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	17	131
Eucera amsinckiae	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	14
Eucera delphinii	0	0	0	1	0	0	0	0	1	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	10
Eucera douglasiana	0	0	1	0	0	1	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Eucera edwardsii	0	4	0	0	0	0	4	0	5	0	1	0	15	0	0	0	0	0	2	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	1	39
Eucera frater	0	0	0	5	0	1	0	0	0	0	0	1	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	19	13	56
Eucera fulvitarsis	0	0	1	0	0	0	0	0	14	0	2	0	14	0	0	0	0	0	10	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	50
Eucera hurdi	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Eucera lunata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Habropoda cineraria	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Habropoda miserabilis	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Halictus confusus	0	0	0	1	43	67	0	0	0	0	0	0	0	0	1	5	12	0	9	0	0	0	0	1	0	1	0	1	0	4	4	0	0	0	0	3	0	4	156
Halictus farinosus	0	1	6	8	12	33	0	0	18	0	3	0	75	0	0	0	0	0	19	14	0	0	0	10	0	0	0	0	0	0	0	3	2	0	0	0	0	1	15	220
Halictus ligatus	0	1	10	1	0	332	1	4	6	1	7	0	24	0	0	0	0	0	18	4	0	11	0	10	0	1	0	0	0	0	0	1	0	2	0	11	0	16	60	521
Halictus rubicundus	0	0	1	9	155	103	1	0	0	1	3	0	4	0	2	28	49	3	25	3	0	1	0	12	0	3	0	0	8	2	6	1	0	2	0	5	3	2	13	445
Halictus tripartitus	0	1	1	17	261	287	0	0	23	0	4	0	44	0	0	1	57	0	52	5	0	16	0	5	0	0	0	0	1	1	2	9	2	6	0	3	0	5	37	840
Halictus virgatellus	0	0	0	6	11	1	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	0	14	0	0	0	0	0	0	1	4	0	0	0	0	42	0	40	123
Heriades carinata	0	0	5	2	2	22	0	0	0	0	0	0	12	0	0	1	8	0	4	0	0	0	0	9	0	4	0	0	0	0	1	0	2	0	0	5	1	0	4	82
Heriades cressoni	0	0	0	2	0	1	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10
Heriades occidentalis	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	6	0	0	11
Heriades variolosa	0	0	0	0	0	0	0	0	0	1	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8
Hoplitis albifrons	0	0	0	2	3	0	0	0	0	1	0	0	3	0	0	0	0	0	17	0	0	0	0	18	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	45

Table 4: Number of bee specimens from each county, by species *(continued)*

	Adams	Asotin	Benton	Chelan	Clallam	Clark	Columbia	Cowlitz	Douglas	Ferry	Franklin	Garfield	Grant	Grays Harbor	Island	Jefferson	King	Kitsap	Kittitas	Klickitat	Lewis	Lincoln	Mason	Okanogan	Pacific	Pend Oreille	Pierce	San Juan	Skagit	Skamania	Snohomish	Spokane	Stevens	Thurston	Wahkiakum	Walla Walla	Whatcom	Whitman	Yakima	TOTAL
Hoplitis emarginata	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hoplitis fulgida	0	0	0	5	10	0	0	0	0	0	0	1	1	0	0	0	0	0	21	0	0	0	0	8	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	50
Hoplitis grinnelli	0	0	3	0	1	1	0	0	0	0	7	0	4	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	18	39
Hoplitis hypocrita	0	1	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2	1	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	1	0	0	3	16
Hoplitis louisae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Hoplitis producta	0	0	0	2	1	21	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	2	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	3	3	40
Hoplitis robusta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Hoplitis sambuci	0	1	1	0	0	0	0	0	0	1	0	0	16	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	0	11	55
Hoplitis utulalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2
Hylaeus affinis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	6
Hylaeus annulatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
Hylaeus basalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	3	0	0	0	0	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	11
Hylaeus coloradensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Hylaeus episcopalis	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	9
Hylaeus granulatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Hylaeus leptocephalus	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	9
Hylaeus mesillae	0	0	4	1	0	5	2	0	3	0	0	0	25	0	0	0	0	0	26	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	9	0	0	34	111
Hylaeus modestus	0	0	0	3	4	6	0	0	0	0	0	0	0	0	0	1	4	0	2	0	0	0	0	5	0	1	0	0	0	0	3	4	0	0	0	0	2	0	2	37
Hylaeus nevadensis	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	7	25
Hylaeus punctatus	0	0	0	0	14	7	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	27
Hylaeus rudbeckiae	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	82
Hylaeus verticalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
Hylaeus wootoni	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	7	0	0	0	0	0	0	0	0	0	0	0	0	3	14
Lasioglossum (Lasioglossum)	0	0	0	0	1	57	0	0	0	0	0	0	1	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	72
Lasioglossum albipenne	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Lasioglossum albohirtum	0	0	1	0	0	0	0	0	1	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	14
Lasioglossum allonotum	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	6
Lasioglossum anhypops	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	4	11
Lasioglossum aspilurus	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	11
Lasioglossum athabascense	0	0	0	0	5	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	9
Lasioglossum brunneiventre	0	0	1	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Lasioglossum buccale	0	0	0	0	2	2	0	0	0	0	0	0	6	0	0	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	18
Lasioglossum colatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Lasioglossum cooleyi	0	4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Lasioglossum cordleyi	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lasioglossum cressonii	0	0	0	0	16	9	0	0	1	0	0	0	0	0	0	0	5	0	1	1	0	0	0	0	2	0	0	0	1	2	4	0	1	0	0	0	0	3	1	47
Lasioglossum dashwoodi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
Lasioglossum diversopunctatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Lasioglossum egregium	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	10	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	19
Lasioglossum foxii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	12
Lasioglossum glabriventre	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	8
Lasioglossum helianthi	0	0	0	0	0	3	0	0	0	0	1	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	13	24
Lasioglossum hyalinum	0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	6	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	17
Lasioglossum incompletum	0	0	0	0	18	8	1	0	1	0	0	0	3	0	0	0	0	0	17	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	25	78
Lasioglossum inconditum	0	0	0	6	20	0	0	0	1	0	0	2	2	0	0	0	1	0	14	0	0	0	0	0	0	2	2	0	0	0	1	0	0	0	0	0	0	3	16	70
Lasioglossum kincaidii	0	0	0	4	3	7	0	0	0	0	0	0	9	0	0	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	28
Lasioglossum knereri	0	0	0	2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	13	1	0	2	0	0	0	0	0	0	1	0	0	0	1	2	0	0	0	6	2	32
Lasioglossum laevissimum	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Lasioglossum macoupinense	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Lasioglossum macroprosopum	0	0	0	1	4	4	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	13
Lasioglossum marinense	0	0	0	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	19
Lasioglossum mellipes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3
Lasioglossum nevadense	0	0	0	1	9	16	0	0	0	0	0	0	4	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	2	0	9	46
Lasioglossum obnubilum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Lasioglossum occultum	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lasioglossum olympiae	0	0	0	0	3	18	0	0	0	0	0	1	1	0	0	1	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	0	59
Lasioglossum ovaliceps	0	0	0	3	5	0	0	0	0	0	0	0	0	0	0	0	4	0	6	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	4	24
Lasioglossum pacatum	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5	0	0	0	7
Lasioglossum pacificum	0	0	0	0	5	4	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	21	0	0	0	0	0	36
Lasioglossum pallidellum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Lasioglossum pavoninum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lasioglossum prasinogaster	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6
Lasioglossum pruinosum	0	0	0	0	0	1	0	0	4	0	0	0	5	0	0	0	0	0	1	0	0	5	0	4	0	0	0	0	0	0	0	0	0	1	0	0	0	2	1	24
Lasioglossum pulveris	0	0	0	1	0	0	0	0	3	0	0	0	16	0	0	0	0	0	5	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	13	17	58
Lasioglossum punctatoventre	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Lasioglossum reasbeckae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Lasioglossum ruidosense	0	0	0	0	15	3	0	0	0	0	0	0	0	0	0	2	2	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	1	2	0	0	0	0	15	43
Lasioglossum sandhousiellum	0	0	0	1	4	7	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	21
Lasioglossum sedi	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	25
Lasioglossum sisymbrii	0	1	0	0	7	26	0	0	2	0	0	0	14	0	0	8	10	0	8	3	0	0	0	0	0	0	0	0	0	0	0	2	0	69	0	0	0	7	3	160

Table 4: Number of bee specimens from each county, by species *(continued)*

	Adams	Asotin	Benton	Chelan	Clallam	Clark	Columbia	Cowlitz	Douglas	Ferry	Franklin	Garfield	Grant	Grays Harbor	Island	Jefferson	King	Kitsap	Kittitas	Klickitat	Lewis	Lincoln	Mason	Okanogan	Pacific	Pend Oreille	Pierce	San Juan	Skagit	Skamania	Snohomish	Spokane	Stevens	Thurston	Wahkiakum	Walla Walla	Whatcom	Whitman	Yakima	TOTAL
Lasioglossum titusi	0	0	0	1	9	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	14	0	168
Lasioglossum trizonatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
Lasioglossum villosulum	0	0	0	0	7	65	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	7	0	3	0	0	20	0	0	0	0	1	105
Lasioglossum yukonae	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Lasioglossum zephyrum	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	7
Lasioglossum zonulum	0	0	0	0	13	3	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	27
Lasioglossum zonulus	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Megachile angelarum	0	0	2	0	5	30	0	0	0	0	2	0	9	0	0	1	7	2	4	0	0	0	0	1	0	2	0	0	0	0	3	0	1	0	0	0	0	0	5	74
Megachile apicalis	0	0	3	0	0	0	1	0	1	0	6	0	23	0	0	0	0	0	11	1	0	1	0	2	0	0	0	0	0	1	0	1	1	0	0	11	0	4	10	77
Megachile brevis	0	1	2	1	3	6	0	0	0	0	0	0	10	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	31
Megachile centuncularis	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Megachile coquilletti	0	0	0	0	0	0	0	0	1	0	0	0	6	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	11
Megachile fidelis	0	0	4	0	1	8	0	1	0	0	0	0	0	0	0	4	4	1	5	5	0	0	0	1	0	2	0	0	0	0	0	0	0	1	0	0	0	0	6	43
Megachile frigida	0	0	0	0	15	4	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	29
Megachile gemula	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	6
Megachile gravita	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Megachile lapponica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	2	4
Megachile lippiae	0	0	2	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9
Megachile melanophaea	0	0	0	0	7	0	0	0	0	1	0	1	0	0	0	1	3	0	3	0	0	0	0	4	0	0	0	1	1	0	0	0	0	4	0	0	1	0	1	28
Megachile mellitarsis	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Megachile mendica	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Megachile montivaga	0	0	1	1	12	9	0	0	1	0	1	0	1	0	0	0	1	0	0	0	1	0	0	2	0	5	0	0	0	0	0	0	0	0	0	3	0	1	1	40
Megachile nevadensis	2	0	15	1	0	0	0	0	3	0	10	0	43	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	110
Megachile onobrychidis	0	0	3	0	0	0	0	0	3	1	5	0	67	0	0	0	0	0	14	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	16	113
Megachile parallela	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15
Megachile perihirta	0	4	3	2	70	76	0	3	1	4	1	9	23	3	1	2	24	8	15	2	0	1	0	4	0	2	0	3	2	0	0	5	0	0	0	1	3	3	17	292
Megachile pugnata	0	0	3	3	13	2	0	1	1	0	2	0	0	0	0	0	0	0	6	2	2	0	0	4	0	2	0	0	0	0	0	0	0	0	0	1	0	0	10	52
Megachile relativa	0	0	0	0	13	0	0	0	0	1	0	0	0	0	0	0	1	0	16	0	0	0	0	2	0	4	0	0	0	0	0	1	0	0	0	0	1	0	2	41
Megachile rotundata	0	0	11	0	0	19	0	1	0	1	5	0	28	0	0	0	6	0	3	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	3	0	0	3	83
Megachile subnigra	0	0	1	0	0	0	0	0	2	0	0	0	6	0	0	0	0	0	11	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	31
Megachile texana	0	0	0	0	0	4	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	17
Megachile umatillensis	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Megachile wheeleri	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	12
Melecta pacifica	0	0	0	0	0	0	1	0	0	0	0	1	12	0	0	0	0	0	6	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	24
Melecta separata	0	0	0	1	0	0	0	0	0	0	0	0	3	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	13
Melecta thoracica	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Melissodes agilis	0	13	2	0	0	2	0	0	2	0	0	5	61	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	9	9	108
Melissodes bimatris	0	4	12	0	0	0	0	0	0	0	6	3	37	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	75
Melissodes communis	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Melissodes dagosus	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Melissodes glenwoodensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Melissodes lupinus	0	0	0	0	0	48	0	0	0	0	0	0	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	62
Melissodes lustrus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	101	107
Melissodes menuachus	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Melissodes metenuus	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	11
Melissodes microstictus	0	1	0	0	41	62	0	0	0	0	0	0	0	0	0	0	6	0	5	0	0	0	0	2	0	0	0	0	3	1	0	0	0	0	0	0	1	0	3	125
Melissodes pallidisignatus	0	0	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10
Melissodes plumosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Melissodes rivalis	2	0	3	0	9	4	0	0	0	0	0	0	0	0	0	0	1	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	25
Melissodes robustior	0	0	1	0	0	100	0	0	1	0	0	0	15	0	0	0	0	0	1	6	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	128
Melissodes saponellus	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Melissodes semilupina	1	0	2	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Melissodes semilupinus	0	0	0	0	0	0	0	0	0	0	3	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Melissodes subagilis	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Melissodes utahensis	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Nomada crotchii	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3
Nomada hesperia	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Nomada superba	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Nomia melanderi	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	25
Osmia aglaia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
Osmia albolateralis	0	1	0	1	10	1	0	0	0	0	0	0	0	0	0	1	0	0	17	0	0	0	0	7	0	0	0	0	1	0	0	0	0	0	0	0	0	0	6	45
Osmia atrocyanea	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	1	0	19
Osmia bella	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3
Osmia brevis	0	0	0	1	0	0	0	0	1	1	0	4	14	0	0	0	0	0	1	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	32
Osmia bruneri	0	1	1	1	0	0	0	0	0	1	0	0	25	0	0	0	0	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	59
Osmia bucephala	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Osmia caerulescens	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4
Osmia californica	0	1	0	5	0	0	0	0	2	0	0	1	29	0	0	0	0	0	25	5	0	7	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4	29	111
Osmia calla	0	0	0	1	0	0	0	0	0	0	0	0	6	0	0	0	0	0	1	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	25
Osmia cara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Table 4: Number of bee specimens from each county, by species *(continued)*

	Adams	Asotin	Benton	Chelan	Clallam	Clark	Columbia	Cowlitz	Douglas	Ferry	Franklin	Garfield	Grant	Grays Harbor	Island	Jefferson	King	Kitsap	Kittitas	Klickitat	Lewis	Lincoln	Mason	Okanogan	Pacific	Pend Oreille	Pierce	San Juan	Skagit	Skamania	Snohomish	Spokane	Stevens	Thurston	Wahkiakum	Walla Walla	Whatcom	Whitman	Yakima	TOTAL
Osmia cobaltina	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3
Osmia coloradensis	0	0	0	9	1	0	0	0	1	1	0	1	1	0	0	1	1	2	11	0	0	1	0	7	0	4	0	2	1	0	0	3	0	0	0	1	1	3	15	67
Osmia cornifrons	0	0	0	0	0	6	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Osmia cyanella	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Osmia densa	0	0	0	5	1	0	0	0	0	1	0	0	0	0	0	0	0	0	8	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	23
Osmia ednae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6
Osmia exigua	0	0	1	2	1	1	0	0	0	0	0	2	3	0	0	2	0	0	10	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	11	35
Osmia giliarum	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Osmia grinnelli	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	24
Osmia integra	0	0	0	0	0	0	0	0	0	0	4	0	29	0	0	0	0	0	8	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	58
Osmia inurbana	0	0	0	0	0	0	0	0	1	1	2	0	1	0	0	0	0	0	5	2	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	25
Osmia iridis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Osmia juxta	0	0	0	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Osmia laeta	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Osmia lignaria	0	0	0	1	4	6	0	0	0	0	0	0	3	0	0	3	2	0	4	1	0	0	0	3	0	0	0	0	0	6	1	0	0	0	0	0	1	0	5	40
Osmia longula	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	7
Osmia malina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Osmia montana	0	0	0	10	0	0	0	0	0	0	0	1	2	0	0	0	0	0	22	9	0	1	0	27	0	2	0	0	0	0	0	0	0	0	0	0	0	1	26	101
Osmia nemoris	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Osmia nifoata	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	5
Osmia nigriventris	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Osmia odontogaster	0	0	0	1	4	0	0	0	0	0	0	3	0	0	0	0	0	0	16	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	32
Osmia pentstemonis	0	0	0	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	3	0	4	4	0	1	1	0	0	0	0	0	0	0	0	4	33
Osmia phaceliae	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Osmia proxima	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	1	1	19
Osmia pusilla	0	0	0	5	5	10	0	0	0	0	0	0	0	0	0	0	0	0	27	0	0	0	0	3	0	1	0	0	0	0	0	0	0	0	0	6	0	1	1	59
Osmia rawlinsi	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7
Osmia regulina	0	0	0	1	0	0	0	0	0	0	5	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	2	25
Osmia sculleni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6
Osmia sedula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Osmia subaustralis	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	6	0	0	0	0	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	4	19
Osmia texana	0	0	0	0	0	4	0	0	0	0	0	0	1	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	11
Osmia trifoliama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Osmia tristella	0	0	0	7	6	0	0	0	0	0	0	1	0	0	0	0	5	0	17	0	0	0	0	1	0	16	0	0	2	0	0	0	0	0	0	0	1	0	30	86
Osmia vandykei	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15
Panurginus atriceps	0	0	0	11	45	9	0	0	0	0	0	2	0	0	0	10	1	0	35	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	8	4	126
Panurginus ineptus	0	0	0	5	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Perdita claypolei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
Perdita lingualis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Perdita nevadensis	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	24
Perdita nuda	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Perdita oregonensis	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Perdita salicis	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Perdita wyomingensis	0	0	0	1	0	0	8	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	13
Perdita zonalis	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Protosmia rubifloris	0	0	0	1	0	6	0	0	0	0	0	0	1	0	0	0	0	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	16
Pseudoanthidium nanum	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Sphecodes pecosensis	0	0	0	0	3	5	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	2	16
Stelis callura	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6
Stelis carnifex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3
Stelis lateralis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Stelis laticincta	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Stelis montana	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
Stelis subcaerulea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	3
Stelis subemarginata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Triepeolus concavus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Triepeolus grindeliae	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Triepeolus helianthi	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	8
Triepeolus paenepectoralis	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
Xylocopa virginica	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	6	83	175	330	1841	2422	40	18	267	27	124	95	1626	14	52	476	440	134	1882	196	16	142	7	433	2	130	12	19	82	54	64	109	69	256	1	249	107	555	1803	14358

Table 5: Your determination accuracy in 2024.

Taxon
No specimens identified

7 Taxonomic Accuracy, 2024

In 2024, you identified 0 of your 23 specimens to genus level and 0 to species level (see Table 5). In total, volunteers from the Washington Bee Atlas project identified 1.3 % (127) of the 10006 bee specimens to the level of genus, with an average accuracy of 87.4%. Volunteer identifications to species level did not occur or are not included in the data (see Table 6).

Table 6: Determination accuracy for all volunteers in 2024.

Taxon	Specimens ID-ed	Correct ID	% Correct
Family			
Andrenidae	21	16	76.2
Apidae	52	52	100.0
Colletidae	6	3	50.0
Halictidae	8	6	75.0
Megachilidae	43	41	95.3
TOTAL	130	118	90.8
Genus			
Agapostemon	1	1	100.0
Andrena	5	0	0.0
Anthidium	1	1	100.0
Anthophora	6	6	100.0
Ceratina	7	7	100.0
Coelioxys	2	2	100.0
Colletes	4	3	75.0
Eucera	1	1	100.0
Halictus	2	0	0.0
Hoplitis	4	4	100.0
Hylaeus	2	0	0.0
Lasioglossum	5	4	80.0
Megachile	18	18	100.0
Melissodes	36	33	91.7
Osmia	17	15	88.2
Perdita	16	16	100.0
TOTAL	127	111	87.4
Species			
TOTAL	0	0	NaN

Table 7: Your determination accuracy.

Taxon
No specimens identified

8 Taxonomic Accuracy, All Years

Over your time in the Atlas you identified 0 of your 23 specimens to genus level and 0 to species level (see Table 7). In total, volunteers from the Washington Bee Atlas project identified 0.6 % (127) of the 22418 bee specimens to the level of genus, with an average accuracy of 87.4%. Volunteer identifications to species level did not occur or are not included in the data (See Table 8).

Table 8: Determination accuracy for all volunteers.

Taxon	Specimens ID-ed	Correct ID	% Correct
Family			
Andrenidae	21	16	76.2
Apidae	52	52	100.0
Colletidae	6	3	50.0
Halictidae	8	6	75.0
Megachilidae	43	41	95.3
TOTAL	130	118	90.8
Genus			
Agapostemon	1	1	100.0
Andrena	5	0	0.0
Anthidium	1	1	100.0
Anthophora	6	6	100.0
Ceratina	7	7	100.0
Coelioxys	2	2	100.0
Colletes	4	3	75.0
Eucera	1	1	100.0
Halictus	2	0	0.0
Hoplitis	4	4	100.0
Hylaeus	2	0	0.0
Lasioglossum	5	4	80.0
Megachile	18	18	100.0
Melissodes	36	33	91.7
Osmia	17	15	88.2
Perdita	16	16	100.0
TOTAL	127	111	87.4
Species			
TOTAL	0	0	NaN