# Homework2

## Summary report for the mushroom dataset

#### 林修平

#### 2025-03-17

# 目錄

一、	、讀取資料....																			1
_	data information																			4

### 一、讀取資料

```
# R Interface to Python
library(reticulate)
library(dplyr)
library(Hmisc)
#latex(describe(mtcars), file="")
file_path <- "/Users/leeyusir/Desktop/ / /Homework2/primary_data.csv"
lines <- readLines(file_path)</pre>
columns <- unlist(strsplit(lines[1], ";"))</pre>
# Process data within `[]` to ensure they're treated as single units
process_line <- function(line) {</pre>
# Use regex to preserve content within `[]` to avoid splitting by `; `line <- gsub("\\[([^\\]]+)\\]", "
# Split by `;`
  split_line <- unlist(strsplit(line, ";"))</pre>
  split_line[split_line == ""] <- NA</pre>
  return(split_line)
# Process all data
data_list <- lapply(lines[-1], process_line)</pre>
# Convert to DataFrame
df <- as.data.frame(do.call(rbind, data_list), stringsAsFactors = FALSE)</pre>
# Set column names
colnames(df) <- columns</pre>
#df<-read.csv("df.csv")</pre>
```

```
file = '', caption.placement = "top")
                                                                   df
173 Observations
                                            23 Variables
family
                                                                                                        distinct
23
        missing
                                                      Bolete Family
                                                                                                  Chanterelle Family
                                Bolbitius Family
                                                                            Bracket Fungi
lowest : Amanita Family
highest: Russula Family
                                Saddle-Cup Family Stropharia Family Tricholoma Family
                                                                                                 Wax Gill Family
name
        missing
0
                   distinct
 173
                       173
lowest : Amethyst Deceiver Aniseed Funnel Cap
highest: Yellow-brown Tricholoma Yellow-cracked Bolete
                                                                                                Bare-toothed Russula Bay Bolete
Yellow-staining Mushroom Yellow-stemmed Bell Cap
                                                                    Apricot Fungus
                                                                    Yellow-gilled Russula
class
        missing
   n
                   distinct
 173
                       р
96
                e
77
Frequency
Proportion 0.445 0.555
                                                                                                        cap-diameter
 n
173
        missing
                   distinct
lowest : [0.4, 1] highest: [8, 14]
                       [0.5, 1.5] [0.5, 1]
[8, 15] [8, 20]
                                                [0.7, 1.3] [1, 1.5] [8, 25]
cap-shape
                   distinct
27
        missing
 n
173
lowest : [b, f, s] [b, f] highest: [x, f] [x, o]
                                 [b, x, f] [b, x] [x, p]
Cap-surface
                                                                                                        n
133
        missing
40
                   distinct
40
lowest : [d, e, y, i] [d, k, s] highest: [t] [w, t]
                                        [d, k]
                                                                      [d]
                                                       [d, s]
                                                       [y, s]
                                                                      [y]
cap-color
        missing
0
                   distinct
67
 n
173
lowest : [b, p, e, y]
highest: [y, n]
                                                                  [e, n, p, w]
[y, o]
                                                                                    [e, n, y]
[y]
                            [b, u]
                                               ГъТ
                             [y, o, g, n, r] [y, o, r, n]
does-bruise-or-bleed
        missing
0
 n
173
                   distinct
Value [f] [t]
Frequency 143 30
Proportion 0.827 0.173
gill-attachment
                                                                                                        missing
28
                   distinct
 145
Value
                        [a]
                             [d] [e] [f] [p] [s] 25 16 10 17 16 0.172 0.110 0.069 0.117 0.110
Frequency
                  8
                         32
Proportion 0.055 0.221
                                                                      0.145
```

latex(describe(df), descript = "Descriptive Statistics",

```
I . . .
gill-spacing
      missing
71
                distinct
 102
                [d]
22
                      [f]
10
Value
Frequency
Proportion 0.686 0.216 0.098
gill-color
   n missing
                distinct
 173
                    59
lowest : [b, p, w] [b, u]
                            [b]
                                     [e]
                                               [f]
highest: [y, o, e] [y, r, k] [y, r]
                                     [y, w]
                                               [y]
stem-height
                                                                                       n missing
                distinct
 173
                                 [10, 12] [10, 15], highest: [8, 12] [8, 15] [8, 20] [8, 25] [8, 30]
lowest : [0]
                 [1, 2]
                          [1, 3]
stem-width
                                                                                       n missing
                distinct
                                                  , highest: [7, 15] [8, 12] [8, 15] [8, 18] [8, 20]
lowest : [0.5, 1] [0]
                          [1, 2] [1, 3] [1]
                                                                                                           stem-root
     missing
146
               distinct
            [b] [c] [f] [r]
Frequency
Proportion 0.333 0.074 0.111 0.148 0.333
                                                                                       . . . . . . . . . . . . . . . . . . .
stem-surface
 n missing
65 108
               distinct
 65
                                                    [i] [k, s]
                  [g]
                        [h] [i, s] [i, t] [i, y]
                                                                 [k] [s, h]
                                                                                       [t]
Frequency 3 5 1 1 1 1 1 1 1 4 1 15 7 Proportion 0.046 0.077 0.015 0.015 0.015 0.015 0.169 0.015 0.062 0.015 0.231 0.108
Value
         [y, s]
                    [y]
Frequency
Proportion 0.015 0.200
stem-color
                                                                                       n missing
                distinct
                 [e, n] [e, u, y] [e, y] [e] [y, e, n] [y, n] [y, o, k] [y]
lowest : [b, u]
highest: [w]
veil-type
 n missing distinct value
      164
 9
                         [u]
value [u]
Frequency 9
Proportion 1
veil-color
                                                                                      . . . . I . . .
  n missing
21 152
               distinct
 21
                    [k]
                          [n]
                                 [u]
                                        [w] [y, w]
                                                      [y]
Frequency
Proportion 0.048 0.048 0.048 0.048 0.714 0.048 0.048
has-ring
      missing
0
                distinct
   n
 173
Value [f]
Frequency 130
                [t]
43
Proportion 0.751 0.249
```

```
. . I . . . . . . . . . .
ring-type
      missing distinct
Value [z]
Frequency 6
Proportion 0.036
                                                                                              . . . . . . . .
Spore-print-color
 n missing distinct
18 155 8
Value [g] [k, r] [k, u] [k] [n] [p, w] [p] [w] Frequency 1 1 1 5 3 1 3 3 Proportion 0.056 0.056 0.056 0.278 0.167 0.056 0.167 0.167
habitat
                                                                                           n missing
173 0
                distinct
                             [g, d, h] [g, d] [m] [p, d]
                                                 [g, h, d]
[w]
lowest : [d, h]
                   [d]
highest: [m, d]
                   [m, h]
season
 n missing
                 distinct
Value
Frequency
Proportion
                                 [a]
16
                                        [s, a, w] [s, u, a, w] 13
                                                         0.075
                                                                      0.029
                                                                                   0.017
                  0.087
                               0.092
                                            0.006
                           [u, a, w]
                                           [u, a]
106
Value
                    [s]
                                                           [u]
Frequency
                                            0.613
                               0.069
                                                         0.006
                  0.006
Proportion
```

### 二、data information

```
# R Interface to Python
#latex(describe(mtcars), file="")
# &
library(table1)
table1(~. | class, data = df)
```

	е	р	Overall
	(N=77)	(N=96)	(N=173)
family			
Amanita Family	3 (3.9%)	5 (5.2%)	8 (4.6%)
Bolbitius Family	1 (1.3%)	2 (2.1%)	3 (1.7%)
Bolete Family	11 (14.3%)	3 (3.1%)	14 (8.1%)
Bracket Fungi	1 (1.3%)	6 (6.3%)	7 (4.0%)
Chanterelle Family	3 (3.9%)	0 (0%)	3 (1.7%)
Entoloma Family	1 (1.3%)	6 (6.3%)	7 (4.0%)
Hydnum Family	1 (1.3%)	0 (0%)	1 (0.6%)
Ink Cap Family	6 (7.8%)	7 (7.3%)	13 (7.5%)
Lepiota Family	2 (2.6%)	1 (1.0%)	3 (1.7%)
Morel Family	1 (1.3%)	0 (0%)	1 (0.6%)
Mushroom Family	4 (5.2%)	1 (1.0%)	5 (2.9%)

	е	р	Overall
Oyster Mushroom Family	2 (2.6%)	0 (0%)	2 (1.2%)
Pluteus Family	2 (2.6%)	0 (0%)	2 (1.2%)
Russula Family	11 (14.3%)	16 (16.7%)	27 (15.6%)
Stropharia Family	1 (1.3%)	7 (7.3%)	8 (4.6%)
Tricholoma Family	23 (29.9%)	20 (20.8%)	43 (24.9%)
Wax Gill Family	4 (5.2%)	4 (4.2%)	8 (4.6%)
Cortinarius Family	0 (0%)	11 (11.5%)	11 (6.4%)
Crepidotus Family	0 (0%)	1 (1.0%)	1 (0.6%)
Ear-Pick Family	0 (0%)	1 (1.0%)	1 (0.6%)
Jelly Discs Family	0 (0%)	1 (1.0%)	1 (0.6%)
Paxillus Family	0 (0%)	3 (3.1%)	3 (1.7%)
Saddle-Cup Family	0 (0%)	1 (1.0%)	1 (0.6%)
name	G (G /S)	. ()	. (313 / 5)
Amethyst Deceiver	1 (1.3%)	0 (0%)	1 (0.6%)
Aniseed Funnel Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Bare-toothed Russula	1 (1.3%)	0 (0%)	1 (0.6%)
Bay Bolete	1 (1.3%)	0 (0%)	1 (0.6%)
Blackening Russula	1 (1.3%)	0 (0%)	1 (0.6%)
Blackish Purple Russula	1 (1.3%)	0 (0%)	1 (0.6%)
Bleeding Brown Mushroom	1 (1.3%)	0 (0%)	1 (0.6%)
Bonnet Bell Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Branched Oyster Mushroom	1 (1.3%)	0 (0%)	1 (0.6%)
Brown Birch Bolete	1 (1.3%)	0 (0%)	1 (0.6%)
Brown Stew Fungus	1 (1.3%)	0 (0%)	1 (0.6%)
Bulbous Honey Fungus	1 (1.3%)	0 (0%)	1 (0.6%)
Cep	1 (1.3%)	0 (0%)	1 (0.6%)
Changeable Melanoleuca	1 (1.3%)	0 (0%)	1 (0.6%)
Chanterelle	1 (1.3%)	0 (0%)	1 (0.6%)
Clouded Agaric	1 (1.3%)	0 (0%)	1 (0.6%)
Clustered Brown Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Coconut-scented Milk Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Common Crumble Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Common Funnel Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Common Morel	1 (1.3%)	0 (0%)	1 (0.6%)
Common Yellow Russula	1 (1.3%)	0 (0%)	1 (0.6%)
Crab-scented Russula	1 (1.3%)	0 (0%)	1 (0.6%)
Cultivated Mushroom	1 (1.3%)	0 (0%)	1 (0.6%)
Dryad's Saddle	1 (1.3%)	0 (0%)	1 (0.6%)
Fairies' Bonnets	1 (1.3%)	0 (0%)	1 (0.6%)
Fairy Parasol	1 (1.3%)	0 (0%)	1 (0.6%)
Fairy Ring Champignon	1 (1.3%)	0 (0%)	1 (0.6%)
False Death Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Fawn Pluteus	1 (1.3%)	0 (0%)	1 (0.6%)
Field Blewit	1 (1.3%)	0 (0%)	1 (0.6%)
Field Mushroom	1 (1.3%)	0 (0%)	1 (0.6%)
Glistening Ink Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Greasy Tough Shank	1 (1.3%)	0 (0%)	1 (0.6%)
Grey Tricholoma	1 (1.3%)	0 (0%)	1 (0.6%)
Hedgehog Fungus	1 (1.3%)	0 (0%)	1 (0.6%)
Herald of Winter	1 (1.3%)	0 (0%)	1 (0.6%)
Honey Fungus	1 (1.3%)	0 (0%)	1 (0.6%)
Horn of Plenty	1 (1.3%)	0 (0%)	1 (0.6%)
·			

	е	p	Overall
Horse Mushroom	1 (1.3%)	0 (0%)	1 (0.6%)
Ivory Wax Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Larch Bolete	1 (1.3%)	0 (0%)	1 (0.6%)
Meadow Wax Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Milky Bell Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Orange Birch Bolete	1 (1.3%)	0 (0%)	1 (0.6%)
Oyster Mushroom	1 (1.3%)	0 (0%)	1 (0.6%)
Parasitic Bolete	1 (1.3%)	0 (0%)	1 (0.6%)
Parasol Mushroom	1 (1.3%)	0 (0%)	1 (0.6%)
Peppery Bolete	1 (1.3%)	0 (0%)	1 (0.6%)
Peppery Milk Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Porcelain Mushroom	1 (1.3%)	0 (0%)	1 (0.6%)
Red-cracked Bolete	1 (1.3%)	0 (0%)	1 (0.6%)
Saffron Milk Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Scaly Tricholoma	1 (1.3%)	0 (0%)	1 (0.6%)
Scarlet Hood	1 (1.3%)	0 (0%)	1 (0.6%)
Shaggy Ink Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Shaggy Parasol	1 (1.3%)	0 (0%)	1 (0.6%)
Shallow-pored Bolete	1 (1.3%)	0 (0%)	1 (0.6%)
Slippery Jack	1 (1.3%)	0 (0%)	1 (0.6%)
Small Bleeding Bell Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Spring Agaric	1 (1.3%)	0 (0%)	1 (0.6%)
St George's Mushroom	1 (1.3%)	0 (0%)	1 (0.6%)
Tawny Grisette	1 (1.3%)	0 (0%)	1 (0.6%)
The Blusher	1 (1.3%)	0 (0%)	1 (0.6%)
The Charcoal Burner	1 (1.3%)	0 (0%)	1 (0.6%)
The Deceiver	1 (1.3%)	0 (0%)	1 (0.6%)
The Miller	1 (1.3%)	0 (0%)	1 (0.6%)
Tubed Chanterelle	1 (1.3%)	0 (0%)	1 (0.6%)
Two-toned Crumble Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Veined Pluteus	1 (1.3%)	0 (0%)	1 (0.6%)
Velvet Shank	1 (1.3%)	0 (0%)	1 (0.6%)
Wood Blewit	1 (1.3%)	0 (0%)	1 (0.6%)
Yellow Swamp Russula	1 (1.3%)	0 (0%)	1 (0.6%)
Yellow-brown Tricholoma	1 (1.3%)	0 (0%)	1 (0.6%)
Yellow-cracked Bolete	1 (1.3%)	0 (0%)	1 (0.6%)
Yellow-gilled Russula	1 (1.3%)	0 (0%)	1 (0.6%)
Yellow-stemmed Bell Cap	1 (1.3%)	0 (0%)	1 (0.6%)
Apricot Fungus	0 (0%)	1 (1.0%)	1 (0.6%)
Beechwood Sickener	0 (0%)	1 (1.0%)	1 (0.6%)
Birch Russula	0 (0%)	1 (1.0%)	1 (0.6%)
Bitter Bolete	0 (0%)	1 (1.0%)	1 (0.6%)
Blackening Wax Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Blood-red Cortinarius	0 (0%)	1 (1.0%)	1 (0.6%)
Blue Leptonia	0 (0%)	1 (1.0%)	1 (0.6%)
Brick Caps	0 (0%)	1 (1.0%)	1 (0.6%)
Brown Bell Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Brown Goblet	0 (0%)	1 (1.0%)	1 (0.6%)
Brown Roll-rim	0 (0%)	1 (1.0%)	1 (0.6%)
Charcoal Pholiota	0 (0%)	1 (1.0%)	1 (0.6%)
Club-footed Funnel Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Clustered Tough Shank	0 (0%)	1 (1.0%)	1 (0.6%)
	5 (5 /5)	. (	. (0.070)

	е	р	Overall
Common Ink Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Common White Inocybe	0 (0%)	1 (1.0%)	1 (0.6%)
Dark-centred Hebeloma	0 (0%)	1 (1.0%)	1 (0.6%)
Death Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Destroying Angel	0 (0%)	1 (1.0%)	1 (0.6%)
Dotted-stemmed Bolete	0 (0%)	1 (1.0%)	1 (0.6%)
Dung Roundhead	0 (0%)	1 (1.0%)	1 (0.6%)
Ear-pick Fungus	0 (0%)	1 (1.0%)	1 (0.6%)
Egg Yolk Fungus	0 (0%)	1 (1.0%)	1 (0.6%)
	0 (0%)	1 (1.0%)	1 (0.6%)
Egg-shell Toadstool Elfin's Saddle	0 (0%)	1 (1.0%)	1 (0.6%)
False Chanterelle	0 (0%)	1 (1.0%)	
			1 (0.6%)
False Panther Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Fleecy Milk Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Fly Agaric	0 (0%)	1 (1.0%)	1 (0.6%)
Fragile Russula	0 (0%)	1 (1.0%)	1 (0.6%)
Fuzzy Polypore	0 (0%)	1 (1.0%)	1 (0.6%)
Geranium-scented Russula	0 (0%)	1 (1.0%)	1 (0.6%)
Grass-green Russula	0 (0%)	1 (1.0%)	1 (0.6%)
Hairy Stereum	0 (0%)	1 (1.0%)	1 (0.6%)
Hay Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Horse-hair Fungus	0 (0%)	1 (1.0%)	1 (0.6%)
Ivory Clitocybe	0 (0%)	1 (1.0%)	1 (0.6%)
Jelly Babies	0 (0%)	1 (1.0%)	1 (0.6%)
Lilac Bell Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Little Wheel Fungus	0 (0%)	1 (1.0%)	1 (0.6%)
Livid Entoloma	0 (0%)	1 (1.0%)	1 (0.6%)
Lurid Bolete	0 (0%)	1 (1.0%)	1 (0.6%)
Magic Mushroom	0 (0%)	1 (1.0%)	1 (0.6%)
Magpie Ink Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Moss Pixy Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Oak Milk Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Olive-brown Panellus	0 (0%)	1 (1.0%)	1 (0.6%)
Orange Bell Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Orange Moss Agaric	0 (0%)	1 (1.0%)	1 (0.6%)
Orange-red Wax Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Panther Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Parrot Wax Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Petticoat Fungus	0 (0%)	1 (1.0%)	1 (0.6%)
Plums and custard	0 (0%)	1 (1.0%)	1 (0.6%)
Poison Pie	0 (0%)	1 (1.0%)	1 (0.6%)
Purple Cortinarius	0 (0%)	1 (1.0%)	1 (0.6%)
Red-banded Cortinarius	0 (0%)	1 (1.0%)	1 (0.6%)
	0 (0%)	1 (1.0%)	1 (0.6%)
Red-staining Inocybe	0 (0%)		
Rooting Shank		1 (1.0%)	1 (0.6%)
Rufous Milk Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Russet Tough Shank	0 (0%)	1 (1.0%)	1 (0.6%)
Rusty Carpet Ink Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Rusty Wood Rotter	0 (0%)	1 (1.0%)	1 (0.6%)
Saffron Parasol	0 (0%)	1 (1.0%)	1 (0.6%)
Shaggy Pholiota	0 (0%)	1 (1.0%)	1 (0.6%)
Silky Nolanea	0 (0%)	1 (1.0%)	1 (0.6%)

	е	р	Overall
Silver Leaf Fungus	0 (0%)	1 (1.0%)	1 (0.6%)
Slimy Milk Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Small Brown Milk Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Soap-scented Tricholoma	0 (0%)	1 (1.0%)	1 (0.6%)
Soft Slipper Toadstool	0 (0%)	1 (1.0%)	1 (0.6%)
Spectacular Gymnopile	0 (0%)	1 (1.0%)	1 (0.6%)
Spotted Tough Shank	0 (0%)	1 (1.0%)	1 (0.6%)
Spruce Milk Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Stinking Parasol	0 (0%)	1 (1.0%)	1 (0.6%)
Stinking Russula	0 (0%)	1 (1.0%)	1 (0.6%)
Straw-coloured Inocybe	0 (0%)	1 (1.0%)	1 (0.6%)
Striated Nolanea	0 (0%)	1 (1.0%)	1 (0.6%)
Stump Bell Cap	0 (0%)	1 (1.0%)	1 (0.6%)
·	0 (0%)	1 (1.0%)	1 (0.6%)
Sulphur Tricholoma	0 (0%)	1 (1.0%)	1 (0.6%)
Sulphur Tuft	0 (0%)	1 (1.0%)	1 (0.6%)
Sweet Milk Cap		1 (1.0%)	1 (0.6%)
The Sickener	0 (0%)		
Tufted Bell Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Turban Fungus	0 (0%)	1 (1.0%)	1 (0.6%)
Ugly Milk Cap	0 (0%) 0 (0%)	1 (1.0%)	1 (0.6%)
Umbrella Navel Cap		1 (1.0%)	1 (0.6%)
Velvet Roll-rim	0 (0%)	1 (1.0%)	1 (0.6%)
Verdigris Toadstool	0 (0%)	1 (1.0%)	1 (0.6%)
Weeping Widow	0 (0%)	1 (1.0%)	1 (0.6%)
White Leptonia	0 (0%)	1 (1.0%)	1 (0.6%)
White Saddle	0 (0%)	1 (1.0%)	1 (0.6%)
Wood Woolly-foot	0 (0%)	1 (1.0%)	1 (0.6%)
Woolly Milk Cap	0 (0%)	1 (1.0%)	1 (0.6%)
Yellow Wax cap	0 (0%)	1 (1.0%)	1 (0.6%)
Yellow-staining Mushroom	0 (0%)	1 (1.0%)	1 (0.6%)
cap-diameter	0 (0 00()	4 (4 00/)	0 (4 70/)
[0.5, 1.5]	2 (2.6%)	1 (1.0%)	3 (1.7%)
[1, 2]	3 (3.9%)	4 (4.2%)	7 (4.0%)
[1, 4]	2 (2.6%)	2 (2.1%)	4 (2.3%)
[10, 25]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[12, 18]	1 (1.3%)	0 (0%)	1 (0.6%)
[12, 25]	1 (1.3%)	0 (0%)	1 (0.6%)
[2, 10]	1 (1.3%)	0 (0%)	1 (0.6%)
[2, 4]	1 (1.3%)	7 (7.3%)	8 (4.6%)
[2, 5]	7 (9.1%)	9 (9.4%)	16 (9.2%)
[2, 6]	2 (2.6%)	8 (8.3%)	10 (5.8%)
[2, 7]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[2, 8]	1 (1.3%)	0 (0%)	1 (0.6%)
[3, 10]	4 (5.2%)	1 (1.0%)	5 (2.9%)
[3, 5]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[3, 6]	4 (5.2%)	2 (2.1%)	6 (3.5%)
[3, 7]	1 (1.3%)	3 (3.1%)	4 (2.3%)
[3, 8]	2 (2.6%)	4 (4.2%)	6 (3.5%)
[4, 10]	4 (5.2%)	4 (4.2%)	8 (4.6%)
[4, 12]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[4, 8]	5 (6.5%)	4 (4.2%)	9 (5.2%)
[4, 9]	2 (2.6%)	1 (1.0%)	3 (1.7%)

	е	р	Overall
[5, 10] [5, 12] [5, 15] [5, 18] [5, 20] [50] [6, 10] [6, 12] [6, 14] [7, 15] [8, 12] [8, 20] [8, 25] [8, 30] [0.4, 1] [0.5, 1] [0.7, 1.3] [1, 1.5] [1, 3] [10, 15] [10, 20] [2, 3] [3, 12] [4, 7] [5, 14] [6, 15] [6, 18] [7, 20] [8, 14]	4 (5.2%) 3 (3.9%) 7 (9.1%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 2 (2.6%) 1 (1.3%) 2 (2.6%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 0 (0%)	8 (8.3%) 3 (3.1%) 1 (1.0%) 0 (0%) 0 (0%) 0 (0%) 1 (1.0%) 3 (3.1%) 0 (0%) 1 (1.0%) 0 (0%) 1 (1.0%)	12 (6.9%) 6 (3.5%) 8 (4.6%) 1 (0.6%) 1 (0.6%) 1 (0.6%) 5 (2.9%) 1 (0.6%) 1 (0.6%) 2 (1.2%) 2 (1.2%) 2 (1.2%) 2 (1.2%) 2 (1.2%) 1 (0.6%)
cap-shape [b, f] [b] [c, x, f] [c, x] [c] [f, s] [f, x] [f] [o] [p, b] [p, c, o] [p, f] [p, x, f] [p, x, f] [s, o] [s] [x, f, s] [x, f, s] [x, p] [x, s]	2 (2.6%) 2 (2.6%) 1 (1.3%) 1 (1.3%) 3 (3.9%) 1 (1.3%) 4 (5.2%) 1 (1.3%) 1 (1.3%) 2 (2.6%) 2 (2.6%) 2 (2.6%) 3 (3.9%) 2 (2.6%) 4 (5.2%) 7 (9.1%) 14 (18.2%) 1 (1.3%) 1 (1.3%) 23 (29.9%)	3 (3.1%) 8 (8.3%) 0 (0%) 0 (0%) 2 (2.1%) 5 (5.2%) 1 (1.0%) 4 (4.2%) 7 (7.3%) 2 (2.1%) 0 (0%) 0 (0%) 0 (0%) 1 (1.0%) 0 (0%) 5 (5.2%) 6 (6.3%) 15 (15.6%) 1 (1.0%) 2 (2.1%) 25 (26.0%)	5 (2.9%) 10 (5.8%) 1 (0.6%) 1 (0.6%) 3 (1.7%) 8 (4.6%) 2 (1.2%) 8 (4.6%) 3 (1.7%) 1 (0.6%) 2 (1.2%) 2 (1.2%) 4 (2.3%) 2 (1.2%) 9 (5.2%) 13 (7.5%) 29 (16.8%) 2 (1.2%) 4 (2.3%) 9 (5.2%) 13 (7.5%) 29 (16.8%) 2 (1.2%) 48 (27.7%)

	е	р	Overall
[b, f, s]	0 (0%)	1 (1.0%)	1 (0.6%)
[b, x, f]	0 (0%)	1 (1.0%)	1 (0.6%)
[b, x]	0 (0%)	3 (3.1%)	3 (1.7%)
[c, f]	0 (0%)	2 (2.1%)	2 (1.2%)
[p]	0 (0%)	1 (1.0%)	1 (0.6%)
[x, o]	0 (0%)	1 (1.0%)	1 (0.6%)
Cap-surface [d, k]		1 (1.0%)	
[d, s] [d]	1 (1.3%) 1 (1.3%) 4 (5.2%)	0 (0%) 5 (5.2%)	2 (1.2%) 1 (0.6%) 9 (5.2%)
[e, y]	1 (1.3%)	0 (0%)	1 (0.6%)
[e]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[g, s, h, t]	1 (1.3%)	0 (0%)	1 (0.6%)
[g, s, t]	1 (1.3%)	0 (0%)	1 (0.6%)
[g]	5 (6.5%)	7 (7.3%)	12 (6.9%)
[h, s, d]	1 (1.3%)	0 (0%)	1 (0.6%)
[h, t]	6 (7.8%)	4 (4.2%)	10 (5.8%)
[h]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[i, y]	2 (2.6%)	0 (0%)	2 (1.2%)
[l]	2 (2.6%)	2 (2.1%)	4 (2.3%)
[s, d]	1 (1.3%)	0 (0%)	1 (0.6%)
[s, t]	2 (2.6%)	2 (2.1%)	4 (2.3%)
[s, y]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[s]	8 (10.4%)	5 (5.2%)	13 (7.5%)
[t, h, s]	1 (1.3%)	0 (0%)	1 (0.6%)
[t, h]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[t]	2 (2.6%)	10 (10.4%)	12 (6.9%)
[w, t]	1 (1.3%)	0 (0%)	1 (0.6%)
[w]	2 (2.6%)	3 (3.1%)	5 (2.9%)
[y, s]	1 (1.3%)	0 (0%)	1 (0.6%)
[y]	7 (9.1%)	7 (7.3%)	14 (8.1%)
[d, e, y, i]	0 (0%)	1 (1.0%)	1 (0.6%)
[d, k, s]	0 (0%)	1 (1.0%)	1 (0.6%)
[e, k, s, h]	0 (0%)	1 (1.0%)	1 (0.6%)
[e, t, k]	0 (0%)	1 (1.0%)	1 (0.6%)
[g, h]	0 (0%)	1 (1.0%)	1 (0.6%)
[g, s, d]	0 (0%)	1 (1.0%)	1 (0.6%)
[h, s, t]	0 (0%)	1 (1.0%)	1 (0.6%)
[h, t, w]	0 (0%)	1 (1.0%)	1 (0.6%)
[h, t, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[i, e]	0 (0%)	1 (1.0%)	1 (0.6%)
[i]	0 (0%)	4 (4.2%)	4 (2.3%)
[k, e]	0 (0%)	1 (1.0%)	1 (0.6%)
[k]	0 (0%)	4 (4.2%)	4 (2.3%)
[s, h]	0 (0%)	1 (1.0%)	1 (0.6%)
[s, i]	0 (0%)	1 (1.0%)	1 (0.6%)
[t, w, d]	0 (0%)	1 (1.0%)	1 (0.6%)
Missing	19 (24.7%)	21 (21.9%)	40 (23.1%)
cap-color [b, u]	1 (1.3%)	0 (0%)	1 (0.6%)
[b]	1 (1.3%)	0 (0%)	1 (0.6%)
[e, n, y]	2 (2.6%)	0 (0%)	2 (1.2%)

	е	р	Overall
[g, k]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[g, n]	6 (7.8%)	4 (4.2%)	10 (5.8%)
[g, u, n, p]	1 (1.3%)	0 (0%)	1 (0.6%)
[k, n, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[l, g, b, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[l, r, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[l, u, g, n]	1 (1.3%)	0 (0%)	1 (0.6%)
[l, y]	1 (1.3%)	0 (0%)	1 (0.6%)
[n ,w]	1 (1.3%)	0 (0%)	1 (0.6%)
[n, b]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[n, e]	1 (1.3%)	4 (4.2%)	5 (2.9%)
[n, g]	3 (3.9%)	0 (0%)	3 (1.7%)
[n, o, e]	1 (1.3%)	0 (0%)	1 (0.6%)
[n, o]	2 (2.6%)	2 (2.1%)	4 (2.3%)
[n, p, e]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[n, r, u, y]	1 (1.3%)	0 (0%)	1 (0.6%)
[n, w]	1 (1.3%)	3 (3.1%)	4 (2.3%)
[n, y, e]	1 (1.3%)	0 (0%)	1 (0.6%)
[n, y, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[n, y]	3 (3.9%)	6 (6.3%)	9 (5.2%)
[n]	22 (28.6%)	16 (16.7%)	38 (22.0%)
[o, b]	1 (1.3%)	0 (0%)	1 (0.6%)
[o, n]	1 (1.3%)	0 (0%)	1 (0.6%)
[o, p, e]	1 (1.3%)	0 (0%)	1 (0.6%)
[u, k]	1 (1.3%)	0 (0%)	1 (0.6%)
[w, g]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[w, n]	2 (2.6%)	2 (2.1%)	4 (2.3%)
[w, p, o]	1 (1.3%)	0 (0%)	1 (0.6%)
[w, y]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[w]	6 (7.8%)	6 (6.3%)	12 (6.9%)
[y]	6 (7.8%)	4 (4.2%)	10 (5.8%)
[b, p, e, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[e, n, p, w]	0 (0%)	1 (1.0%)	1 (0.6%)
[e, n]	0 (0%)	2 (2.1%)	2 (1.2%)
[e, o, k]	0 (0%)	1 (1.0%)	1 (0.6%)
[e, o]	0 (0%)	1 (1.0%)	1 (0.6%)
[e, p, w]	0 (0%)	1 (1.0%)	1 (0.6%)
[e, u, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[e]	0 (0%)	3 (3.1%)	3 (1.7%)
[g, n, k]	0 (0%)	1 (1.0%)	1 (0.6%)
[g, r, k, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[g, r, n]	0 (0%)	2 (2.1%)	2 (1.2%)
[g, u, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[g]	0 (0%)	1 (1.0%)	1 (0.6%)
[l, k]	0 (0%)	1 (1.0%)	1 (0.6%)
[n, e, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[n, o, y, w]	0 (0%)	1 (1.0%)	1 (0.6%)
[o, e, n, k]	0 (0%)	1 (1.0%)	1 (0.6%)
[o, y, r]	0 (0%)	1 (1.0%)	1 (0.6%)
[o, y]	0 (0%)	3 (3.1%)	3 (1.7%)
[o]	0 (0%)	2 (2.1%)	2 (1.2%)
[p]	0 (0%)	2 (2.1%)	2 (1.2%)
ראז	J (J /J)	- (1/U)	_ (1.2 /0)

	е	р	Overall
[r, I]	0 (0%)	1 (1.0%)	1 (0.6%)
[r, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[r, p, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[r, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[r] ^-	0 (0%)	1 (1.0%)	1 (0.6%)
[u]	0 (0%)	2 (2.1%)	2 (1.2%)
[w, u]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, y, g, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, n]	0 (0%)	3 (3.1%)	3 (1.7%)
[y, o, g, n, r]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, o, r, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, o]	0 (0%)	1 (1.0%)	1 (0.6%)
does-bruise-or-bleed			
[f]	63 (81.8%)	80 (83.3%)	143 (82.7%)
[t]	14 (18.2%)	16 (16.7%)	30 (17.3%)
gill-attachment			
[a, d]	5 (6.5%)	3 (3.1%)	8 (4.6%)
[a]	11 (14.3%)	21 (21.9%)	32 (18.5%)
[d]	9 (11.7%)	16 (16.7%)	25 (14.5%)
[e]	10 (13.0%)	6 (6.3%)	16 (9.2%)
[f]	4 (5.2%)	6 (6.3%)	10 (5.8%)
[p]	12 (15.6%)	5 (5.2%)	17 (9.8%)
[s]	7 (9.1%)	9 (9.4%)	16 (9.2%)
[x]	9 (11.7%)	12 (12.5%)	21 (12.1%)
Missing	10 (13.0%)	18 (18.8%)	28 (16.2%)
gill-spacing			( ()
[c]	29 (37.7%)	41 (42.7%)	70 (40.5%)
[d]	13 (16.9%)	9 (9.4%)	22 (12.7%)
[f]	4 (5.2%)	6 (6.3%)	10 (5.8%)
Missing	31 (40.3%)	40 (41.7%)	71 (41.0%)
gill-color	1 (1 00/)	0 (00/)	1 (0 00/)
[b, u]	1 (1.3%)	0 (0%)	1 (0.6%)
[b]	1 (1.3%)	0 (0%) 6 (6.3%)	1 (0.6%)
[f]	4 (5.2%)		10 (5.8%)
[g, k]	1 (1.3%) 1 (1.3%)	1 (1.0%) 2 (2.1%)	2 (1.2%) 3 (1.7%)
[g, n]	1 (1.3%)	0 (0%)	1 (0.6%)
[g, p] [g, w, y]	1 (1.3%)	0 (0%)	1 (0.6%)
[g, w]	2 (2.6%)	0 (0%)	2 (1.2%)
[g]	3 (3.9%)	1 (1.0%)	4 (2.3%)
[k, n]	2 (2.6%)	4 (4.2%)	6 (3.5%)
[k, p, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[n, y]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[n]	3 (3.9%)	8 (8.3%)	11 (6.4%)
[o, b]	1 (1.3%)	0 (0%)	1 (0.6%)
[o, e]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[o, y]	1 (1.3%)	4 (4.2%)	5 (2.9%)
[o]	2 (2.6%)	2 (2.1%)	4 (2.3%)
[p, n, k]	1 (1.3%)	0 (0%)	1 (0.6%)
[p, n]	1 (1.3%)	0 (0%)	1 (0.6%)
[p, w]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[p]	3 (3.9%)	5 (5.2%)	8 (4.6%)
-1 -	- (/	- (/	- ,,

	е	р	Overall
[r]	1 (1.3%)	0 (0%)	1 (0.6%)
[u, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[w, n]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[w, p, y]	1 (1.3%)	0 (0%)	1 (0.6%)
[w, p]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[w, u, g, n]	1 (1.3%)	0 (0%)	1 (0.6%)
[w, y]	3 (3.9%)	2 (2.1%)	5 (2.9%)
[w]	21 (27.3%)	15 (15.6%)	36 (20.8%)
[y, e, n]	1 (1.3%)	0 (0%)	1 (0.6%)
[y, k]	1 (1.3%)	0 (0%)	1 (0.6%)
[y, n]	1 (1.3%)	4 (4.2%)	5 (2.9%)
[y, r]	1 (1.3%)	0 (0%)	1 (0.6%)
[y]	6 (7.8%)	7 (7.3%)	13 (7.5%)
[b, p, w]	0 (0%)	1 (1.0%)	1 (0.6%)
[e]	0 (0%)	1 (1.0%)	1 (0.6%)
[g, n, u]	0 (0%)	1 (1.0%)	1 (0.6%)
[g, r, w]	0 (0%)	1 (1.0%)	1 (0.6%)
[g, u]	0 (0%)	1 (1.0%)	1 (0.6%)
[k, p]	0 (0%)	1 (1.0%)	1 (0.6%)
[n, e, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[n, p]	0 (0%)	2 (2.1%)	2 (1.2%)
[n, r]	0 (0%)	1 (1.0%)	1 (0.6%)
[n, u]	0 (0%)	1 (1.0%)	1 (0.6%)
[n, w]	0 (0%)	2 (2.1%)	2 (1.2%)
[p, y, r]	0 (0%)	1 (1.0%)	1 (0.6%)
[p, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[r, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, b, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, g, k]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, g, p, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, g, u]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, g]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, r]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, y, g, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, g, k]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, o, e]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, r, k]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, w]	0 (0%)	1 (1.0%)	1 (0.6%)
stem-height	1 (1 00/)	1 (1 00/)	0 (4 00/)
[10, 15]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[12, 20]	1 (1.3%)	0 (0%)	1 (0.6%)
[15, 35]	1 (1.3%)	0 (0%)	1 (0.6%)
[2, 3]	1 (1.3%)	0 (0%)	1 (0.6%)
[2, 4]	1 (1.3%)	3 (3.1%)	4 (2.3%)
[2, 5]	1 (1.3%) 1 (1.3%)	10 (10.4%)	11 (6.4%)
[2, 6]	1 (1.3%) 1 (1.3%)	2 (2.1%)	3 (1.7%)
[2, 7]	1 (1.3%) 1 (1.3%)	0 (0%)	1 (0.6%)
[2, 8]	1 (1.3%)	0 (0%)	1 (0.6%)
[3, 10]	3 (3.9%)	1 (1.0%) 1 (1.0%)	4 (2.3%)
[3, 4]	1 (1.3%)	1 (1.0%)	2 (1.2%) 15 (9.7%)
[3, 6]	7 (9.1%) 3 (3.9%)	8 (8.3%) 2 (2.1%)	15 (8.7%) 5 (2.9%)
[3, 7]	S (S.870)	∠ (∠.۱70)	J (Z.870)

е	p	Overall
6 5 (6.5%) 10 (13.0%) 3 (3.9%) 1 (1.3%) 6 (7.8%) 2 (2.6%) 1 (1.3%) 2 (2.6%) 3 (3.9%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 0 (0%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%)	5 (5.2%) 6 (6.3%) 4 (4.2%) 6 (6.3%) 10 (10.4%) 2 (2.1%) 2 (2.1%) 2 (2.1%) 0 (0%) 3 (3.1%) 0 (0%) 0 (0%) 0 (0%) 0 (0%) 0 (0%) 0 (0%) 1 (1.0%) 0 (0%) 0 (0%) 1 (1.0%) 1 (1.0%) 2 (2.1%) 1 (1.0%) 2 (2.1%) 1 (1.0%) 1 (1.0%) 2 (2.1%) 1 (1.0%) 2 (2.1%) 1 (1.0%) 3 (3.1%) 1 (1.0%) 2 (2.1%) 1 (1.0%) 3 (3.1%) 1 (1.0%) 3 (3.1%) 1 (1.0%) 3 (3.1%) 1 (1.0%) 3 (3.1%) 1 (1.0%) 3 (3.1%) 1 (1.0%) 3 (3.1%) 1 (1.0%) 1 (1.0%) 1 (1.0%)	10 (5.8%) 16 (9.2%) 7 (4.0%) 7 (4.0%) 21 (12.1%) 8 (4.6%) 4 (2.3%) 3 (1.7%) 5 (2.9%) 1 (0.6%)
		2 (1.2%) 16 (9.2%) 3 (1.7%) 1 (0.6%) 1 (0.6%) 4 (2.3%)
1 (1.3%) 5 (6.5%) 5 (6.5%) 3 (3.9%) 1 (1.3%) 2 (2.6%) 2 (2.6%) 1 (1.3%)	0 (0%) 4 (4.2%) 1 (1.0%) 1 (1.0%) 8 (8.3%) 4 (4.2%) 0 (0%) 0 (0%)	1 (0.6%) 9 (5.2%) 6 (3.5%) 4 (2.3%) 9 (5.2%) 6 (3.5%) 2 (1.2%) 1 (0.6%)
	5 (6.5%) 10 (13.0%) 3 (3.9%) 1 (1.3%) 11 (14.3%) 6 (7.8%) 2 (2.6%) 1 (1.3%) 2 (2.6%) 3 (3.9%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 0 (0%) 0 (1.3%) 1 (1.3%) 1 (1.3%) 9 (11.7%) 1 (1.3%) 1 (1.3%) 9 (11.7%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 1 (1.3%) 5 (6.5%) 5 (6.5%) 5 (6.5%) 3 (3.9%) 1 (1.3%) 2 (2.6%) 2 (2.6%) 2 (2.6%)	5 (6.5%) 5 (5.2%) 10 (13.0%) 6 (6.3%) 3 (3.9%) 4 (4.2%) 1 (1.3%) 6 (6.3%) 11 (14.3%) 10 (10.4%) 6 (7.8%) 2 (2.1%) 2 (2.6%) 2 (2.1%) 1 (1.3%) 2 (2.1%) 2 (2.6%) 1 (1.0%) 3 (3.9%) 2 (2.1%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 0 (0%) 1 (1.0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.3%) 0 (0%) 1 (1.0%) 1 (1.3%) 0 (0%) 1 (1.0%) 1 (1.3%) 0 (0%) 1 (1.0%) 1 (1.3%) 0 (0%) 1 (1.0%)

20, 30]		e	p	Overall
[20, 40]	[00, 00]			
[20, 80]				
[3, 5]				
[3, 6]				
[3, 7]				
[3, 8]				
[30, 40]         1 (1.3%)         0 (0%)         1 (0.6%)           [4, 8]         3 (3.9%)         5 (5.2%)         8 (4.6%)           [40, 100]         1 (1.3%)         0 (0%)         1 (0.6%)           [5, 10]         4 (5.2%)         9 (9.4%)         13 (7.5%)           [6, 10]         1 (1.3%)         1 (1.0%)         2 (1.2%)           [6, 12]         3 (3.9%)         2 (2.1%)         5 (2.9%)           [8, 15]         1 (1.3%)         2 (2.1%)         5 (2.9%)           [8, 20]         1 (1.3%)         2 (2.1%)         3 (1.7%)           [8, 20]         1 (1.3%)         0 (0%)         1 (0.6%)           [0]         0 (0%)         1 (1.0%)         1 (0.6%)           [0]         0 (0%)         1 (1.0%)         1 (0.6%)           [0]         0 (0%)         1 (1.0%)         1 (0.6%)           [0]         0 (0%)         1 (1.0%)         1 (0.6%)           [2]         0 (0%)         1 (1.0%)         1 (0.6%)           [2]         0 (0%)         1 (1.0%)         1 (0.6%)           [2]         0 (0%)         1 (1.0%)         1 (0.6%)           [2]         0 (0%)         1 (1.0%)         1 (0.6%)				
[4, 8] 3 (3.9%) 5 (5.2%) 8 (4.6%) [40, 100] 1 (1.3%) 0 (0%) 1 (0.6%) [5, 10] 4 (5.2%) 9 (9.4%) 13 (7.5%) [6, 10] 1 (1.3%) 1 (1.0%) 5 (2.9%) [6, 10] 1 (1.3%) 1 (1.0%) 2 (1.2%) [6, 12] 3 (3.9%) 2 (2.1%) 5 (2.9%) [8, 12] 3 (3.9%) 2 (2.1%) 5 (2.9%) [8, 12] 3 (3.9%) 2 (2.1%) 5 (2.9%) [8, 20] 1 (1.3%) 0 (0%) 1 (0.6%) [0.5, 1] 0 (0%) 1 (1.0%) 1 (0.6%) [0] 0 (0%) 3 (3.1%) 3 (1.7%) [15, 40] 0 (0%) 1 (1.0%) 1 (0.6%) [20, 50] 0 (0%) 1 (1.0%) 1 (0.6%) [20, 50] 0 (0%) 1 (1.0%) 1 (0.6%) [20, 60] 0 (0%) 1 (1.0%) 1 (0.6%) [3, 4] 0 (0%) 1 (1.0%) 1 (0.6%) [4, 5] 0 (0%) 1 (1.0%) 1 (0.6%) [4, 6] 0 (0%) 1 (1.0%) 1 (0.6%) [4, 7] 0 (0%) 1 (1.0%) 1 (0.6%) [4, 7] 0 (0%) 1 (1.0%) 1 (0.6%) [4, 6] 0 (0%) 1 (1.0%) 1 (0.6%) [4, 7] 10 (0%) 1 (1.0%) 1 (0.6%) [4, 6] 0 (0%) 1 (1.0%) 1 (0.6			• •	
[40, 100]         1 (1.3%)         0 (0%)         1 (0.6%)           [5, 10]         4 (5.2%)         9 (9.4%)         13 (7.5%)           [5, 8]         2 (2.6%)         3 (3.1%)         5 (2.9%)           [6, 10]         1 (1.3%)         1 (1.0%)         2 (1.2%)           [6, 12]         3 (3.9%)         2 (2.1%)         5 (2.9%)           [8, 12]         3 (3.9%)         2 (2.1%)         5 (2.9%)           [8, 15]         1 (1.3%)         0 (0%)         3 (1.7%)           [8, 20]         1 (1.3%)         0 (0%)         1 (0.6%)           [0,5, 1]         0 (0%)         3 (3.1%)         3 (1.7%)           [15, 40]         0 (0%)         1 (1.0%)         1 (0.6%)           [2]         0 (0%)         1 (1.0%)         1 (0.6%)           [2]         0 (0%)         1 (1.0%)         1 (0.6%)           [20, 50]         0 (0%)         1 (1.0%)         1 (0.6%)           [20, 50]         0 (0%)         1 (1.0%)         1 (0.6%)           [3, 4]         0 (0%)         3 (3.1%)         3 (1.7%)           [4, 5]         0 (0%)         1 (1.0%)         1 (0.6%)           [4, 7]         0 (0%)         1 (1.0%)         1 (0.6%)				
[5, 10]				
[5, 8]				
[6, 10]				
[6, 12]				
[8, 12]				
[8, 15]				
[8, 20]				
[0.5, 1]				
[0]		0 (0%)		
[2]		0 (0%)	3 (3.1%)	3 (1.7%)
[20, 50]	[15, 40]	0 (0%)	1 (1.0%)	1 (0.6%)
[20, 60]	[2]	0 (0%)	1 (1.0%)	1 (0.6%)
[3, 4]	[20, 50]		1 (1.0%)	1 (0.6%)
[4, 5]				
[4, 6]				
[4, 7]				
[5, 12] 0 (0%) 1 (1.0%) 1 (0.6%) [7, 15] 0 (0%) 1 (1.0%) 1 (0.6%) [8, 18] 0 (0%) 1 (1.0%) 1 (0.6%) stem-root [b] 6 (7.8%) 3 (3.1%) 9 (5.2%) [c] 0 (0%) 2 (2.1%) 2 (1.2%) [f] 0 (0%) 3 (3.1%) 3 (1.7%) [r] 0 (0%) 4 (4.2%) 4 (2.3%) Missing 67 (87.0%) 79 (82.3%) 146 (84.4%) stem-surface [i, t] 1 (1.3%) 0 (0%) 1 (0.6%) [i] 4 (5.2%) 7 (7.3%) 11 (6.4%) [k, s] 1 (1.3%) 0 (0%) 1 (0.6%) [k] 1 (1.3%) 3 (3.1%) 4 (2.3%) [s] 9 (11.7%) 6 (6.3%) 15 (8.7%) [t] 3 (3.9%) 4 (4.2%) 7 (4.0%) [y, s] 1 (1.3%) 0 (0%) 1 (0.6%) [y] 4 (5.2%) 9 (9.4%) 13 (7.5%) [f] 0 (0%) 3 (3.1%) 3 (1.7%) [g] 0 (0%) 5 (5.2%) 5 (2.9%) [h]				
[7, 15] 0 (0%) 1 (1.0%) 1 (0.6%) [8, 18] 0 (0%) 1 (1.0%) 1 (0.6%) stem-root [b] 6 (7.8%) 3 (3.1%) 9 (5.2%) [s] 4 (5.2%) 5 (5.2%) 9 (5.2%) [c] 0 (0%) 2 (2.1%) 2 (1.2%) [f] 0 (0%) 3 (3.1%) 3 (1.7%) [r] 0 (0%) 4 (4.2%) 4 (2.3%) Missing 67 (87.0%) 79 (82.3%) 146 (84.4%) stem-surface [i, t] 1 (1.3%) 0 (0%) 1 (0.6%) [i] 4 (5.2%) 7 (7.3%) 11 (6.4%) [k, s] 1 (1.3%) 0 (0%) 1 (0.6%) [k] 1 (1.3%) 3 (3.1%) 4 (2.3%) [s] 9 (11.7%) 6 (6.3%) 15 (8.7%) [t] 3 (3.9%) 4 (4.2%) 7 (4.0%) [y, s] 1 (1.3%) 0 (0%) 1 (0.6%) [y] 4 (5.2%) 9 (9.4%) 13 (7.5%) [f] 0 (0%) 3 (3.1%) 3 (1.7%) [g] 0 (0%) 5 (5.2%) 5 (2.9%) [h]				
[8, 18]       0 (0%)       1 (1.0%)       1 (0.6%)         stem-root         [b]       6 (7.8%)       3 (3.1%)       9 (5.2%)         [s]       4 (5.2%)       5 (5.2%)       9 (5.2%)         [c]       0 (0%)       2 (2.1%)       2 (1.2%)         [f]       0 (0%)       3 (3.1%)       3 (1.7%)         [r]       0 (0%)       4 (4.2%)       4 (2.3%)         Missing       67 (87.0%)       79 (82.3%)       146 (84.4%)         stem-surface       [i, t]       1 (1.3%)       0 (0%)       1 (0.6%)         [i]       4 (5.2%)       7 (7.3%)       11 (6.4%)         [k, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [k]       1 (1.3%)       3 (3.1%)       4 (2.3%)         [s]       9 (11.7%)       6 (6.3%)       15 (8.7%)         [t]       3 (3.9%)       4 (4.2%)       7 (4.0%)         [y, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [y]       4 (5.2%)       9 (9.4%)       13 (7.5%)         [f]       0 (0%)       5 (5.2%)       5 (2.9%)         [h]       0 (0%)       1 (1.0%)       1 (0.6%)				
stem-root         [b]       6 (7.8%)       3 (3.1%)       9 (5.2%)         [c]       4 (5.2%)       5 (5.2%)       9 (5.2%)         [c]       0 (0%)       2 (2.1%)       2 (1.2%)         [f]       0 (0%)       3 (3.1%)       3 (1.7%)         [r]       0 (0%)       4 (4.2%)       4 (2.3%)         Missing       67 (87.0%)       79 (82.3%)       146 (84.4%)         stem-surface       [i, t]       1 (1.3%)       0 (0%)       1 (0.6%)         [i]       4 (5.2%)       7 (7.3%)       11 (6.4%)         [k, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [k]       1 (1.3%)       3 (3.1%)       4 (2.3%)         [s]       9 (11.7%)       6 (6.3%)       15 (8.7%)         [t]       3 (3.9%)       4 (4.2%)       7 (4.0%)         [y, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [y]       4 (5.2%)       9 (9.4%)       13 (7.5%)         [f]       0 (0%)       3 (3.1%)       3 (1.7%)         [g]       0 (0%)       5 (5.2%)       5 (2.9%)         [h]       0 (0%)       1 (1.0%)       1 (0.6%)				
[b] 6 (7.8%) 3 (3.1%) 9 (5.2%) [s] 4 (5.2%) 5 (5.2%) 9 (5.2%) [c] 0 (0%) 2 (2.1%) 2 (1.2%) [f] 0 (0%) 3 (3.1%) 3 (1.7%) [r] 0 (0%) 4 (4.2%) 4 (2.3%)  Missing 67 (87.0%) 79 (82.3%) 146 (84.4%)  stem-surface [i, t] 1 (1.3%) 0 (0%) 1 (0.6%) [i] 4 (5.2%) 7 (7.3%) 11 (6.4%) [k, s] 1 (1.3%) 0 (0%) 1 (0.6%) [k] 1 (1.3%) 3 (3.1%) 4 (2.3%) [s] 9 (11.7%) 6 (6.3%) 15 (8.7%) [t] 3 (3.9%) 4 (4.2%) 7 (4.0%) [y, s] 1 (1.3%) 0 (0%) 1 (0.6%) [y] 4 (5.2%) 9 (9.4%) 13 (7.5%) [f] 0 (0%) 3 (3.1%) 3 (1.7%) [g] 0 (0%) 5 (5.2%) 5 (2.9%) [h]		0 (0%)	1 (1.0%)	1 (0.6%)
[s]		c (7 oo/)	0 (0 10/)	0 (5 00/)
[c]       0 (0%)       2 (2.1%)       2 (1.2%)         [f]       0 (0%)       3 (3.1%)       3 (1.7%)         [r]       0 (0%)       4 (4.2%)       4 (2.3%)         Missing       67 (87.0%)       79 (82.3%)       146 (84.4%)         stem-surface       (i, t]       1 (1.3%)       0 (0%)       1 (0.6%)         [i]       4 (5.2%)       7 (7.3%)       11 (6.4%)         [k, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [k]       1 (1.3%)       3 (3.1%)       4 (2.3%)         [s]       9 (11.7%)       6 (6.3%)       15 (8.7%)         [t]       3 (3.9%)       4 (4.2%)       7 (4.0%)         [y, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [y]       4 (5.2%)       9 (9.4%)       13 (7.5%)         [f]       0 (0%)       3 (3.1%)       3 (1.7%)         [g]       0 (0%)       5 (5.2%)       5 (2.9%)         [h]       0 (0%)       1 (1.0%)       1 (0.6%)				
[f]       0 (0%)       3 (3.1%)       3 (1.7%)         [r]       0 (0%)       4 (4.2%)       4 (2.3%)         Missing       67 (87.0%)       79 (82.3%)       146 (84.4%)         stem-surface       [i, t]       1 (1.3%)       0 (0%)       1 (0.6%)         [i]       4 (5.2%)       7 (7.3%)       11 (6.4%)         [k, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [k]       1 (1.3%)       3 (3.1%)       4 (2.3%)         [s]       9 (11.7%)       6 (6.3%)       15 (8.7%)         [t]       3 (3.9%)       4 (4.2%)       7 (4.0%)         [y, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [y]       4 (5.2%)       9 (9.4%)       13 (7.5%)         [f]       0 (0%)       3 (3.1%)       3 (1.7%)         [g]       0 (0%)       5 (5.2%)       5 (2.9%)         [h]       0 (0%)       1 (1.0%)       1 (0.6%)				
[r]       0 (0%)       4 (4.2%)       4 (2.3%)         Missing       67 (87.0%)       79 (82.3%)       146 (84.4%)         stem-surface       (i, t]       1 (1.3%)       0 (0%)       1 (0.6%)         [i]       4 (5.2%)       7 (7.3%)       11 (6.4%)         [k, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [k]       1 (1.3%)       3 (3.1%)       4 (2.3%)         [s]       9 (11.7%)       6 (6.3%)       15 (8.7%)         [t]       3 (3.9%)       4 (4.2%)       7 (4.0%)         [y, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [y]       4 (5.2%)       9 (9.4%)       13 (7.5%)         [f]       0 (0%)       3 (3.1%)       3 (1.7%)         [g]       0 (0%)       5 (5.2%)       5 (2.9%)         [h]       0 (0%)       1 (1.0%)       1 (0.6%)				
Missing       67 (87.0%)       79 (82.3%)       146 (84.4%)         stem-surface       1 (1.3%)       0 (0%)       1 (0.6%)         [i]       4 (5.2%)       7 (7.3%)       11 (6.4%)         [k, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [k]       1 (1.3%)       3 (3.1%)       4 (2.3%)         [s]       9 (11.7%)       6 (6.3%)       15 (8.7%)         [t]       3 (3.9%)       4 (4.2%)       7 (4.0%)         [y, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [y]       4 (5.2%)       9 (9.4%)       13 (7.5%)         [f]       0 (0%)       3 (3.1%)       3 (1.7%)         [g]       0 (0%)       5 (5.2%)       5 (2.9%)         [h]       0 (0%)       1 (1.0%)       1 (0.6%)			1 1	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	_	07 (07.070)	70 (02.070)	110 (011170)
[i]       4 (5.2%)       7 (7.3%)       11 (6.4%)         [k, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [k]       1 (1.3%)       3 (3.1%)       4 (2.3%)         [s]       9 (11.7%)       6 (6.3%)       15 (8.7%)         [t]       3 (3.9%)       4 (4.2%)       7 (4.0%)         [y, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [y]       4 (5.2%)       9 (9.4%)       13 (7.5%)         [f]       0 (0%)       3 (3.1%)       3 (1.7%)         [g]       0 (0%)       5 (5.2%)       5 (2.9%)         [h]       0 (0%)       1 (1.0%)       1 (0.6%)		1 (1.3%)	0 (0%)	1 (0.6%)
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				
[k]       1 (1.3%)       3 (3.1%)       4 (2.3%)         [s]       9 (11.7%)       6 (6.3%)       15 (8.7%)         [t]       3 (3.9%)       4 (4.2%)       7 (4.0%)         [y, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [y]       4 (5.2%)       9 (9.4%)       13 (7.5%)         [f]       0 (0%)       3 (3.1%)       3 (1.7%)         [g]       0 (0%)       5 (5.2%)       5 (2.9%)         [h]       0 (0%)       1 (1.0%)       1 (0.6%)				
[s]       9 (11.7%)       6 (6.3%)       15 (8.7%)         [t]       3 (3.9%)       4 (4.2%)       7 (4.0%)         [y, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [y]       4 (5.2%)       9 (9.4%)       13 (7.5%)         [f]       0 (0%)       3 (3.1%)       3 (1.7%)         [g]       0 (0%)       5 (5.2%)       5 (2.9%)         [h]       0 (0%)       1 (1.0%)       1 (0.6%)				
[y, s]       1 (1.3%)       0 (0%)       1 (0.6%)         [y]       4 (5.2%)       9 (9.4%)       13 (7.5%)         [f]       0 (0%)       3 (3.1%)       3 (1.7%)         [g]       0 (0%)       5 (5.2%)       5 (2.9%)         [h]       0 (0%)       1 (1.0%)       1 (0.6%)		9 (11.7%)	6 (6.3%)	15 (8.7%)
[y]       4 (5.2%)       9 (9.4%)       13 (7.5%)         [f]       0 (0%)       3 (3.1%)       3 (1.7%)         [g]       0 (0%)       5 (5.2%)       5 (2.9%)         [h]       0 (0%)       1 (1.0%)       1 (0.6%)	[t]	3 (3.9%)	4 (4.2%)	7 (4.0%)
[f]       0 (0%)       3 (3.1%)       3 (1.7%)         [g]       0 (0%)       5 (5.2%)       5 (2.9%)         [h]       0 (0%)       1 (1.0%)       1 (0.6%)	[y, s]	1 (1.3%)	0 (0%)	1 (0.6%)
[g] 0 (0%) 5 (5.2%) 5 (2.9%) [h] 0 (0%) 1 (1.0%) 1 (0.6%)				
[h] 0 (0%) 1 (1.0%) 1 (0.6%)				
[i, s] 0 (0%) 1 (1.0%) 1 (0.6%)				
[i, y] 0 (0%) 1 (1.0%) 1 (0.6%)	• •			
[s, h] 0 (0%) 1 (1.0%) 1 (0.6%)	[s, n]	0 (0%)	1 (1.0%)	I (U.6%)

	е	р	Overall
Missing	53 (68.8%)	55 (57.3%)	108 (62.4%)
stem-color			
[b, u]	1 (1.3%)	0 (0%)	1 (0.6%)
[e, n]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[e, y]	1 (1.3%)	0 (0%)	1 (0.6%)
[g, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[g, n]	1 (1.3%)	3 (3.1%)	4 (2.3%)
[g, w]	2 (2.6%)	0 (0%)	2 (1.2%)
[g] <sub>_</sub>	2 (2.6%)	0 (0%)	2 (1.2%)
[k, n]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[l, r, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[n, g]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[n, o]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[n, p, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[n, w]	2 (2.6%)	1 (1.0%)	3 (1.7%)
[n, y]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[n]	15 (19.5%)	20 (20.8%)	35 (20.2%)
[o, e]	1 (1.3%)	0 (0%)	1 (0.6%)
[o, n]	1 (1.3%)	0 (0%)	1 (0.6%)
[o, y]	1 (1.3%)	4 (4.2%)	5 (2.9%)
[u]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[w, n]	2 (2.6%)	1 (1.0%)	3 (1.7%)
[w, o]	1 (1.3%)	0 (0%)	1 (0.6%)
[w, y]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[w]	32 (41.6%)	25 (26.0%)	57 (32.9%)
[y]	5 (6.5%)	8 (8.3%)	13 (7.5%)
[e, u, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[e]	0 (0%)	1 (1.0%)	1 (0.6%)
[f]	0 (0%)	3 (3.1%)	3 (1.7%)
[g, r, n]	0 (0%)	2 (2.1%)	2 (1.2%)
[g, u, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[k]	0 (0%)	1 (1.0%)	1 (0.6%) 2 (1.2%)
[n, e]	0 (0%) 0 (0%)	2 (2.1%) 1 (1.0%)	
[n, p] [o]	0 (0%)	1 (1.0%)	1 (0.6%) 1 (0.6%)
	0 (0%)	2 (2.1%)	2 (1.2%)
[p] [r, y]	0 (0%)	1 (1.0%)	1 (0.6%)
[u, e]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, l, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[w, u]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, e, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[y, n]	0 (0%)	4 (4.2%)	4 (2.3%)
[y, o, k]	0 (0%)	1 (1.0%)	1 (0.6%)
veil-type	0 (0 /0)	1 (1.0 /0)	1 (0.0 /0)
[u]	3 (3.9%)	6 (6.3%)	9 (5.2%)
Missing	74 (96.1%)	90 (93.8%)	164 (94.8%)
veil-color	(5 5.1 75)	10 (00.070)	(3
[w]	7 (9.1%)	8 (8.3%)	15 (8.7%)
[y, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[y]	1 (1.3%)	0 (0%)	1 (0.6%)
[e, n]	0 (0%)	1 (1.0%)	1 (0.6%)
[k]	0 (0%)	1 (1.0%)	1 (0.6%)
	- (- / - /	(/	(/-/

	е	р	Overall
[n]	0 (0%)	1 (1.0%)	1 (0.6%)
[u]	0 (0%)	1 (1.0%)	1 (0.6%)
Missing	68 (88.3%)	84 (87.5%)	152 (87.9%)
has-ring			
[f]	60 (77.9%)	70 (72.9%)	130 (75.1%)
[t]	17 (22.1%)	26 (27.1%)	43 (24.9%)
ring-type	- ( )	- (	
[e]	3 (3.9%)	3 (3.1%)	6 (3.5%)
[f]	61 (79.2%)	76 (79.2%)	137 (79.2%)
[g]	2 (2.6%)	0 (0%)	2 (1.2%)
[l, p]	1 (1.3%)	0 (0%)	1 (0.6%)
[l, r]	2 (2.6%)	0 (0%)	2 (1.2%)
[l]	1 (1.3%) 1 (1.3%)	1 (1.0%) 0 (0%)	2 (1.2%) 1 (0.6%)
[m]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[p] [r]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[e, g]	0 (0%)	1 (1.0%)	1 (0.6%)
[g, p]	0 (0%)	2 (2.1%)	2 (1.2%)
[l, e]	0 (0%)	1 (1.0%)	1 (0.6%)
[z]	0 (0%)	6 (6.3%)	6 (3.5%)
Missing	4 (5.2%)	3 (3.1%)	7 (4.0%)
Spore-print-color	. (0.2 / 5)	0 (01.70)	, (110,70)
[g]	1 (1.3%)	0 (0%)	1 (0.6%)
[k]	1 (1.3%)	4 (4.2%)	5 (2.9%)
[p]	1 (1.3%)	2 (2.1%)	3 (1.7%)
[w]	2 (2.6%)	1 (1.0%)	3 (1.7%)
[k, r]	0 (0%)	1 (1.0%)	1 (0.6%)
[k, u]	0 (0%)	1 (1.0%)	1 (0.6%)
[n]	0 (0%)	3 (3.1%)	3 (1.7%)
[p, w]	0 (0%)	1 (1.0%)	1 (0.6%)
Missing	72 (93.5%)	83 (86.5%)	155 (89.6%)
habitat		- ()	
[d, h]	1 (1.3%)	3 (3.1%)	4 (2.3%)
[d]	47 (61.0%)	57 (59.4%)	104 (60.1%)
[g, d, h]	1 (1.3%)	0 (0%)	1 (0.6%)
[g, d]	6 (7.8%)	4 (4.2%)	10 (5.8%)
[g, h, d]	1 (1.3%) 1 (1.3%)	2 (2.1%)	3 (1.7%)
[g, l, m, d]	1 (1.3%)	0 (0%) 4 (4.2%)	1 (0.6%)
[g, m, d]	3 (3.9%)	4 (4.2%) 2 (2.1%)	5 (2.9%) 5 (2.9%)
[g, m] [g, u, d]	1 (1.3%)	0 (0%)	1 (0.6%)
[g]	1 (1.3%)	10 (10.4%)	11 (6.4%)
[l, d, h]	1 (1.3%)	0 (0%)	1 (0.4%)
[I, d]	7 (9.1%)	6 (6.3%)	13 (7.5%)
[I, h]	1 (1.3%)	0 (0%)	1 (0.6%)
[1]	1 (1.3%)	0 (0%)	1 (0.6%)
[m, d]	2 (2.6%)	1 (1.0%)	3 (1.7%)
[m]	1 (1.3%)	1 (1.0%)	2 (1.2%)
[w]	1 (1.3%)	0 (0%)	1 (0.6%)
[g, l, d]	0 (0%)	1 (1.0%)	1 (0.6%)
[h, d]	0 (0%)	2 (2.1%)	2 (1.2%)
[m, h]	0 (0%)	1 (1.0%)	1 (0.6%)

	е	р	Overall
[p, d]	0 (0%)	2 (2.1%)	2 (1.2%)
season			
[a, w]	9 (11.7%)	6 (6.3%)	15 (8.7%)
[a]	5 (6.5%)	11 (11.5%)	16 (9.2%)
[s, a, w]	1 (1.3%)	0 (0%)	1 (0.6%)
[s, u, a, w]	7 (9.1%)	6 (6.3%)	13 (7.5%)
[s, u, a]	1 (1.3%)	4 (4.2%)	5 (2.9%)
[s, u]	2 (2.6%)	1 (1.0%)	3 (1.7%)
[s]	1 (1.3%)	0 (0%)	1 (0.6%)
[u, a, w]	8 (10.4%)	4 (4.2%)	12 (6.9%)
[u, a]	43 (55.8%)	63 (65.6%)	106 (61.3%)
[u]	0 (0%)	1 (1.0%)	1 (0.6%)