Spontaneous choices for insect-pollinated flower shapes by wild non-eusocial halictid bees

Running title: Flower shape preferences of wild bees

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This readme file describes the data files accompanying the above publication. For any further queries please contact s.howard@deakin.edu.au

The following files are included:

1) "Bee_flower_preferences.csv"

This file contains all choices for each bee during the 10 spontaneous choices in the test. The columns are as follows:

Bee: ID of individual bee

Species: 1 = *Lasioglossum (Chilalictus) lanarium*; 2 = *Lasioglossum* (*Parasphecodes*) sp.

Choice_number: Choice number ranging from 1 – 10 per bee.

Flower_choice: Individual choices of each bee. A score of '1' is a choice for insect-pollinated flowers. A score of '0' is for bird-pollinated flowers.

Insect_flower: ID of the flower used. See below.

Bird_Flower: ID of the flower used. See below:

The IDs for the flowers in the csv file are as follows (corresponding to Figure 1):

Flower ID	Insect-pollinated flower	Bird-pollinated flower
1	i	ix
2	v	iii
3	vi	iv
4	ix	ii
5	ii	i
6	xii	vii
7	vii	xi
8	iii	vi
9	x	x

10	viii	v
11	xi	viii
12	iv	xii