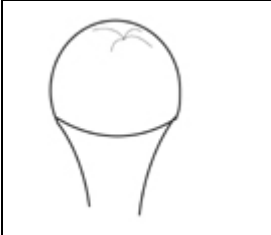
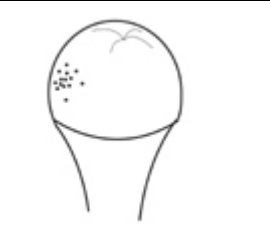
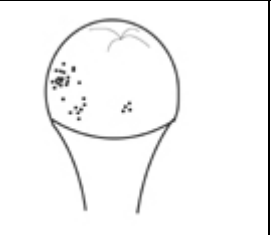
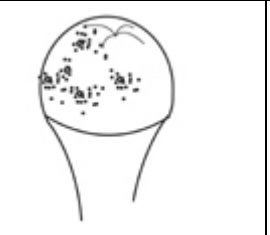
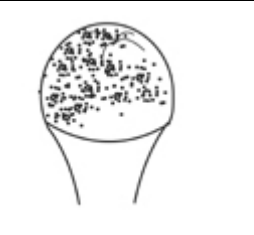


Carrying out the National Pollination Survey: Using Tree Fuchsia

- 1:** Print the survey form (one per site) and take it with you. Also take a hand lens if possible.
- 2:** Select the site. A site is any area that has a good sized (10's to 100's of fuchsia trees) population of tree fuchsia.
On the record sheet note:
A geo-reference for the site (latitude and longitude or Easting and Northing).
Altitude of the site (this is optional).
The date you carried out the survey.
Your name and contact details (your phone number or email address).
- What if the site only has a few fuchsia trees at it? Still carry out the survey as we are interested in finding out about pollination services for different sized fuchsia populations.
- 3:** Select 10 hermaphrodite and 5 female trees that are flowering, or as many as you can find up to these numbers.
- 4:** For each tree find 10 youngish flowers (remember greenish flowers are what you want to find).
- 5:** For each flower score the pollen load that you can see on the yellow stigma of youngish flowers, using the 0-4 scale (see below). You may find it helpful to use a hand lens to check if there are small amounts of pollen on the stigma. Please note on the survey sheet whether you have used a hand lens.

If you are scoring pollen loads of 3 or 4 for the flowers at the site then there are good visitation levels for fruit set. However if the flowers are scoring 0 or 1 then there are very low levels of visitation at the site and fruit set will be poor.

Define the pollen load as one of the following:

				
0 = None, can't see any blue pollen on the stigma	1 = 1-5% of the stigma covered in pollen. Only a few specks can be seen on the stigma.	2 = 6-20% of the stigma is covered in pollen. Up to a fifth of the stigma is covered in pollen.	3 = 21-40% of the stigma is covered. Over a fifth but under a half of the stigma is covered in pollen	4 = 41-100% Lots of the stigma is covered in pollen.

- 6:** Repeat 4 & 5 for the trees that you have found.
- 7:** Once finished please post your completed survey forms to:
National Pollination Survey
c/o School of Biological Sciences
University of Canterbury
Private Bag 4800
Christchurch 8140.

Thank you for your help with this survey.