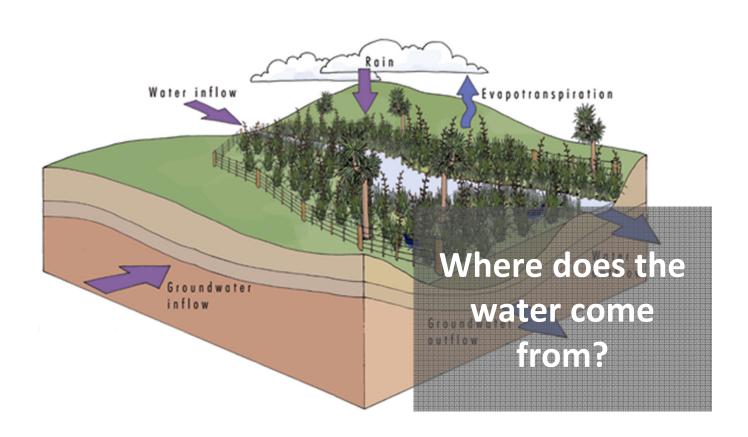


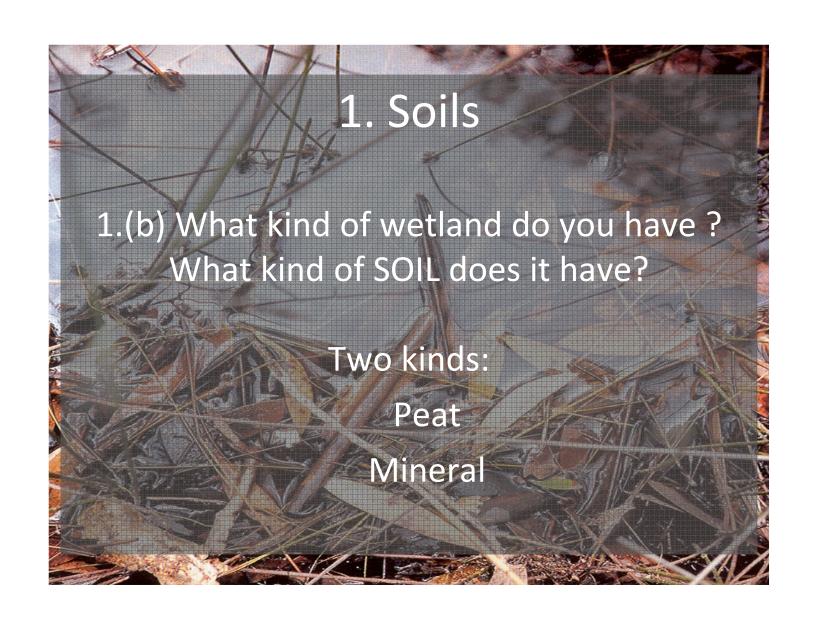
### Workshop Outline

- 1. Planning:
  - a. What kind of wetland do you have?
  - b. Soils?
  - c. What is there already?
  - d. What are threats?
- 2. Reference site
- 3. What are your goals?
- 4. Wetland zones
- 5. Wetland mapping

- 6. Choosing plants
- 7. Calculating plant numbers
- 8. Where to get plants from
- and eco-sourcing
- 9. Wetland planting
- techniques, tips and
- timings
- 10. Sources of information and help

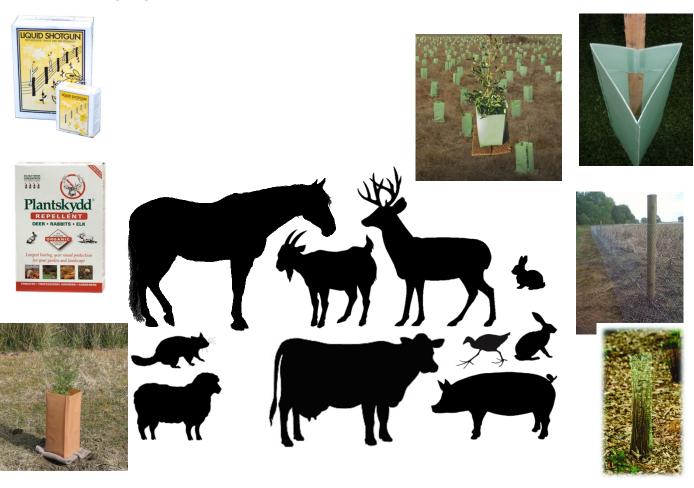
#### 1.(a) What kind of wetland do you have?





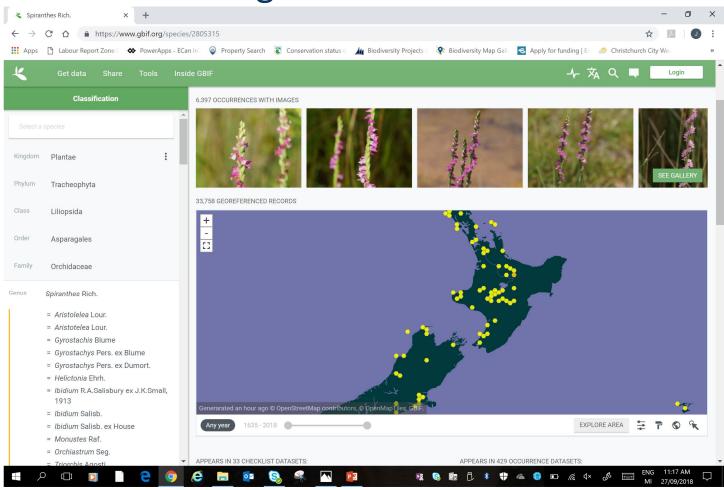


## 1(d) Threats and solutions



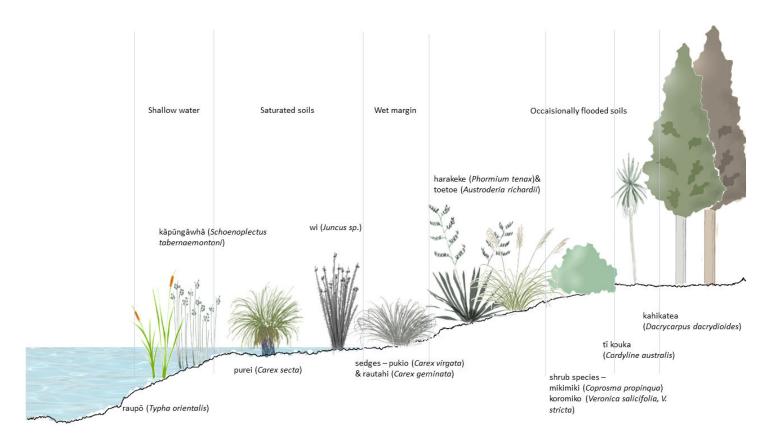


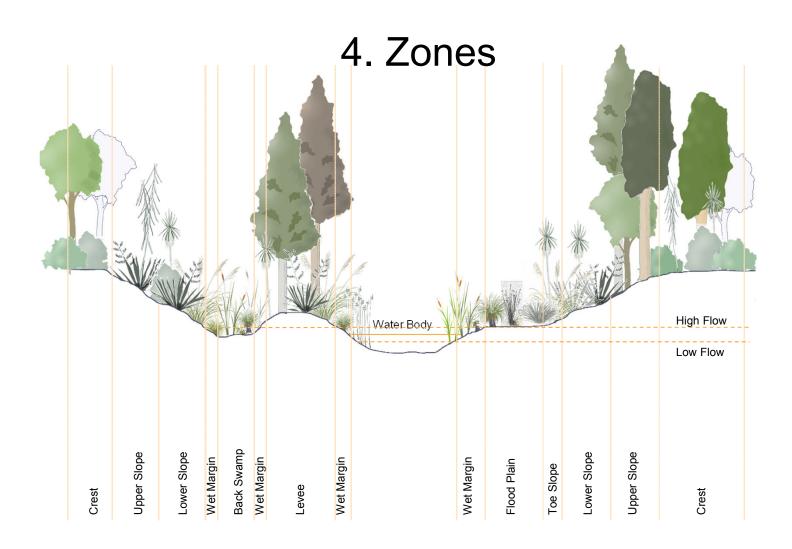
#### 2. Finding a reference wetland



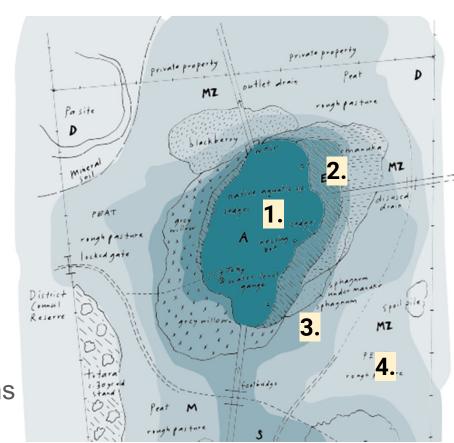


#### 4. Zones





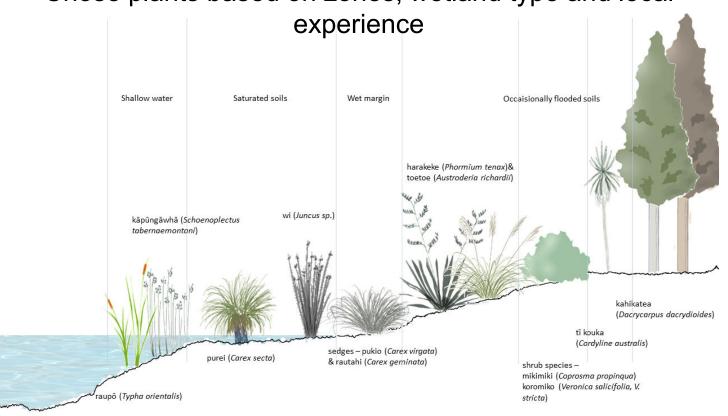
## 5. Wetland mapping

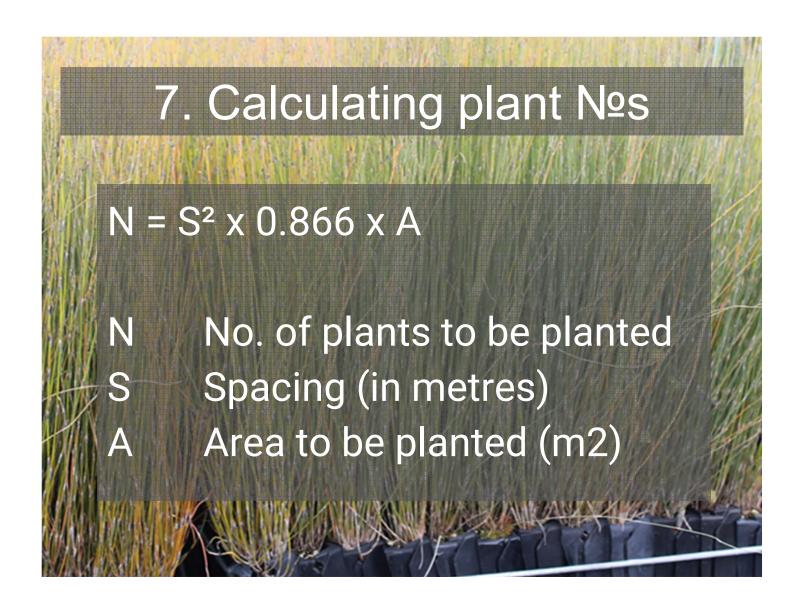


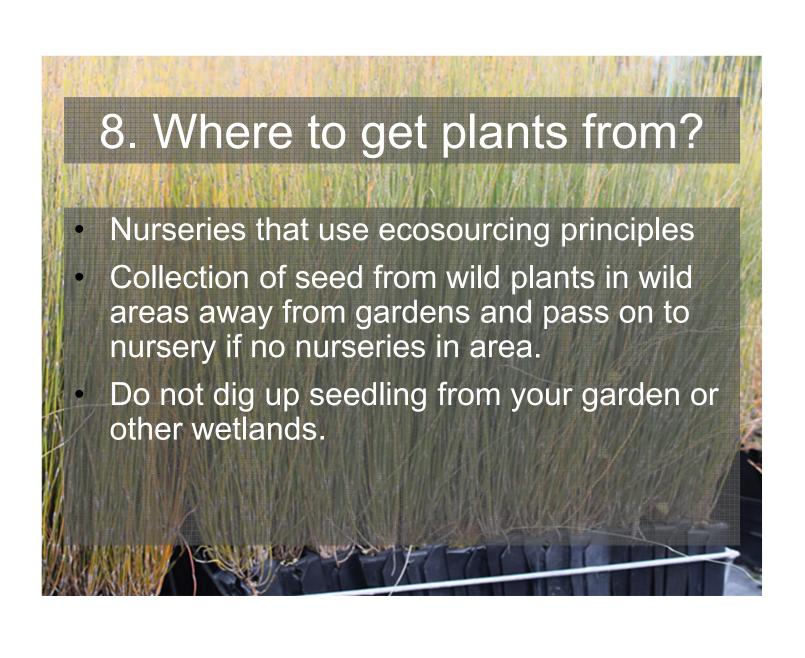
Source: Wetland Restoration: A Handbook for NZ Freshwater Systems

#### 6. Choosing plants

Chose plants based on zones, wetland type and local







# 8. Ecosourcing

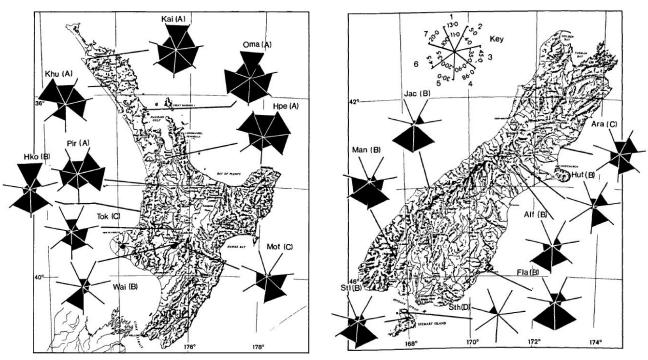
Waikari

raigieburn

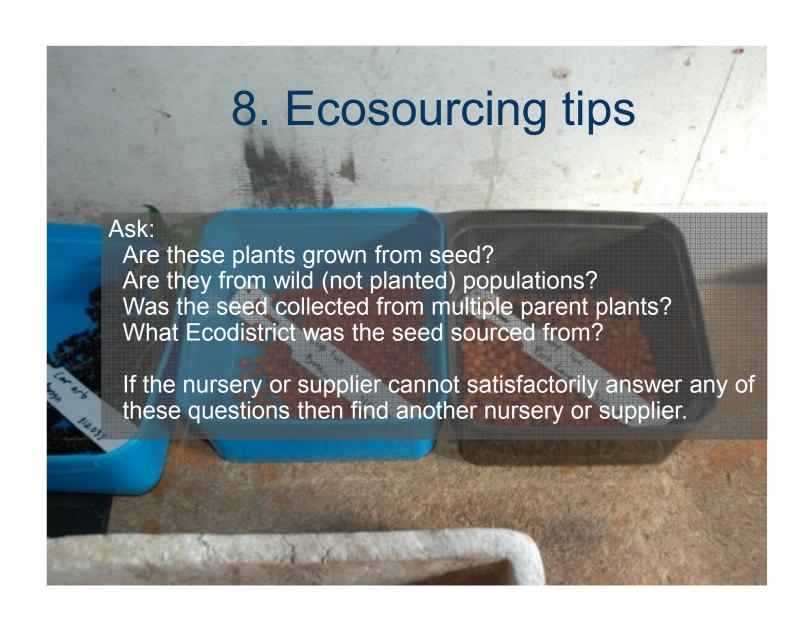
- Planting plants that are (or once were) found growing in similar conditions in the local area
- Collection of seed from wild plants in wild areas away from gardens
- Plants grown from seed <u>not</u> from cuttings or division
- Plants that represent a wide genetic cross section.

Port Hills

# 8. Morphological diversity of mānuka



Yin Ronghua , A. F. Mark & J. B. Wilson (1984) Aspects of the ecology of the indigenous shrub Leptospermum scoparium (Myrtaceae) in New Zealand, New Zealand Journal of Botany, 22:4, 483-507





Tip 1: "Don't bite off more than you can chew" – only plant what you can maintain. Stage planting.

Tip 2: Order plants 18 months to 3 years in advance
Tip 3: In warm areas plant emergent wetland plants any
time of year - if not plant in summer when water levels
have dropped.

Tip 4: For kahikatea plant them a little higher than the soil.

