

Photo: Wishouse, 2015



Photo: Wishouse, 2015



Photo: Wishouse, 2015



Photo: Wishouse, 2015





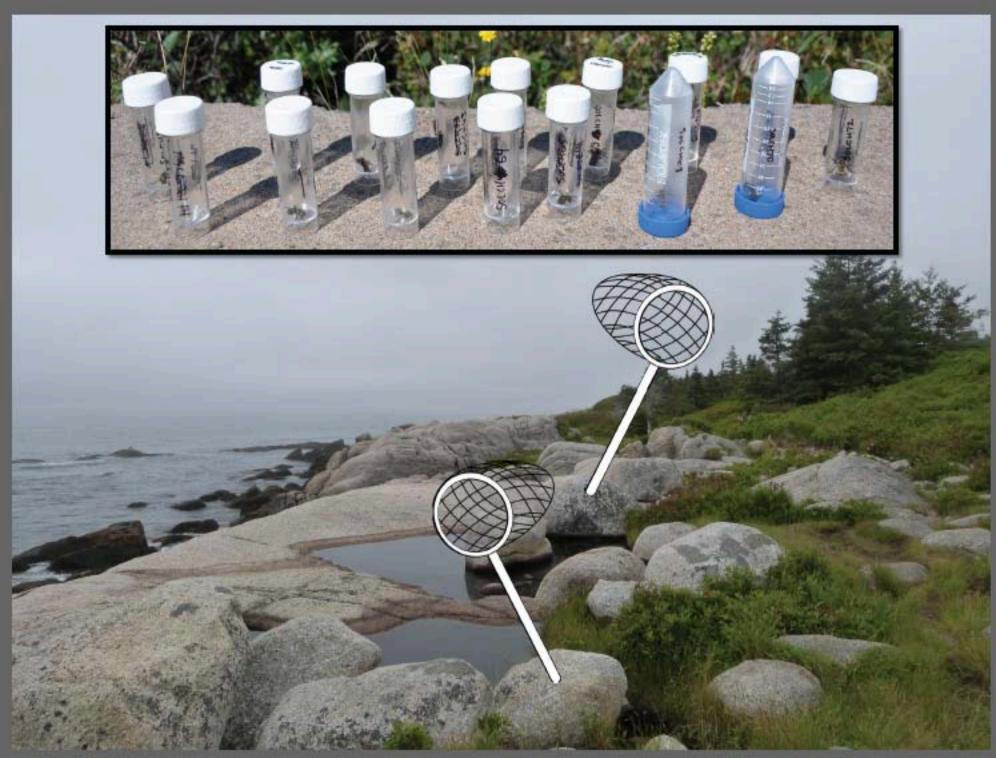






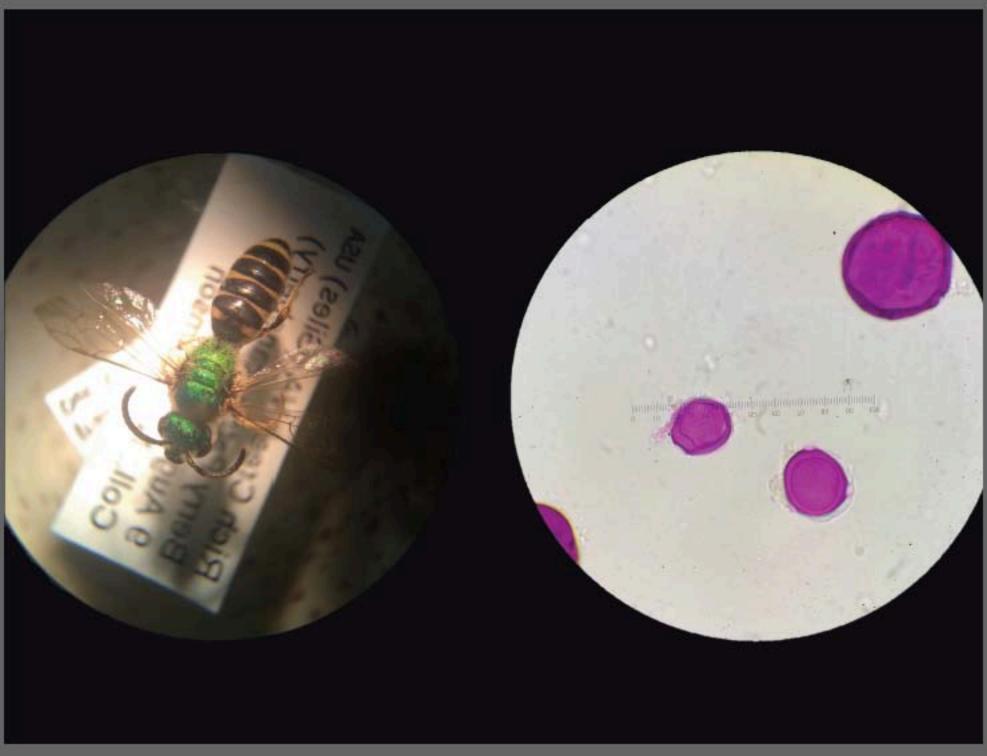












Results

- Many bees in barrens, few on green roofs
- Big bees in barrens <a>[, small on green roofs

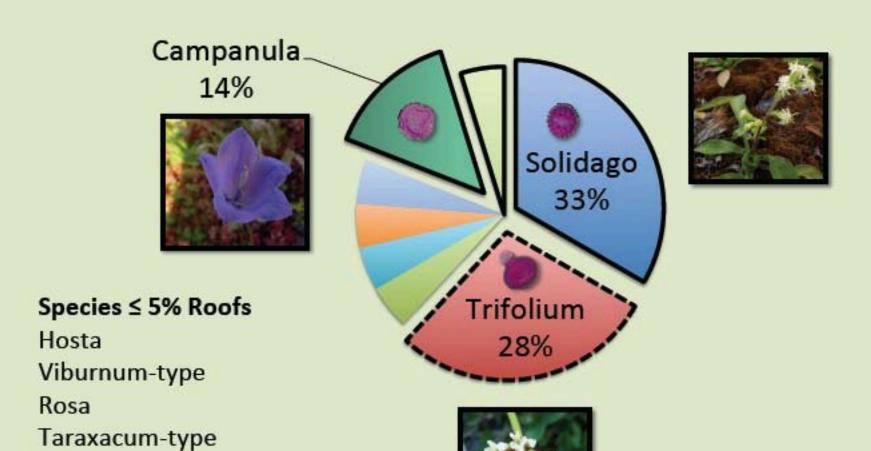




 Many bee species in barrens, few on green roofs

Many pollen types in barrens, few on green roofs

Pollen Loads: Green Roofs



Species ≤ 5% City

Hosta

Viburnum-type

Borago

Mentha-type

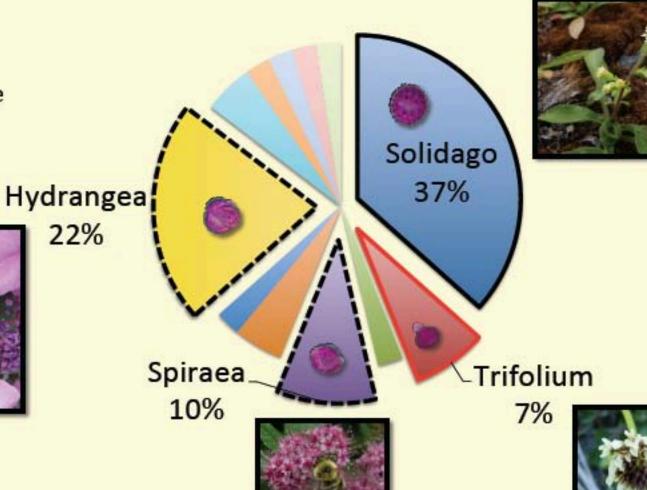
Hypericum

Taraxacum-type

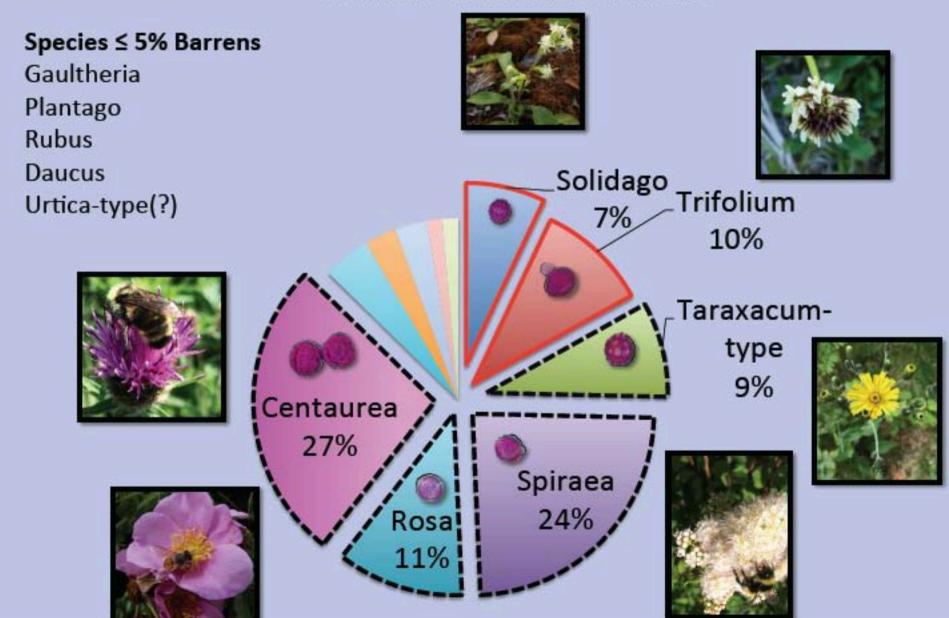
Prunella

Solanum

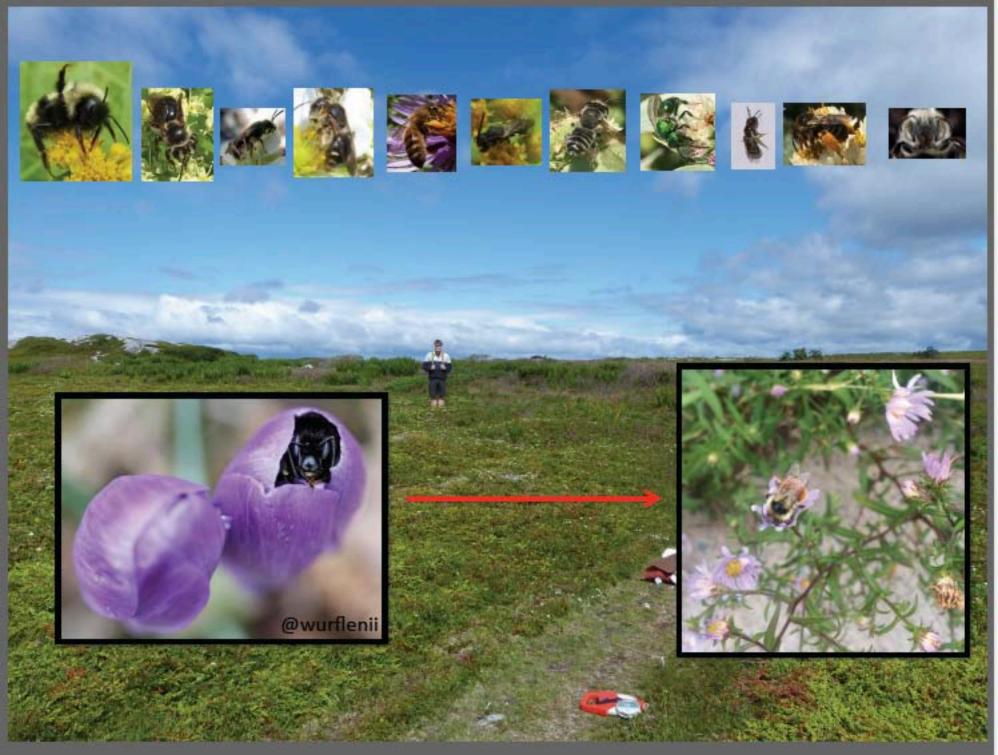
Pollen Loads: City



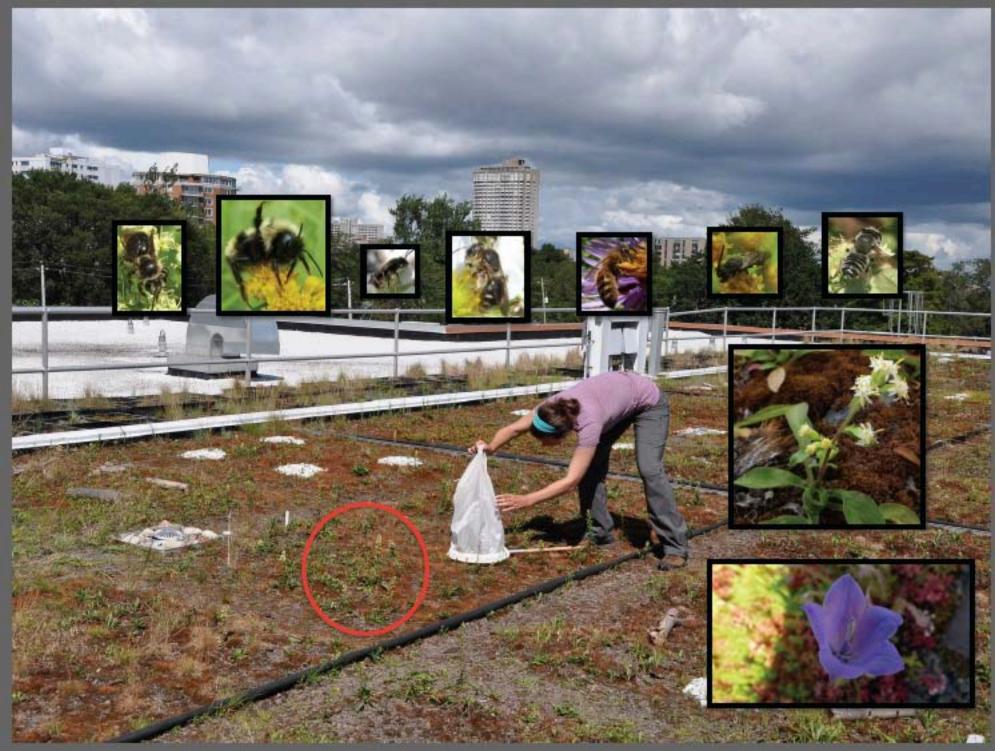
Pollen Loads: Barrens











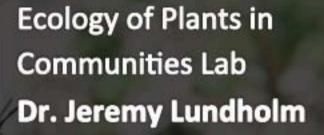
Conclusion

- Bees use green roof floral resources
- Usage patterns differ from source habitat, more similar to city
- More native forage could be provided on GRs
 - —Target resource poor periods spring and late fall













Dr. Petra Mudie, Dalhousie **Sue Westby**, NS Museum of Natural History







