

Rare Plants and Vile Weeds

Urbanizing Flora of Portland, Oregon 1806-2006



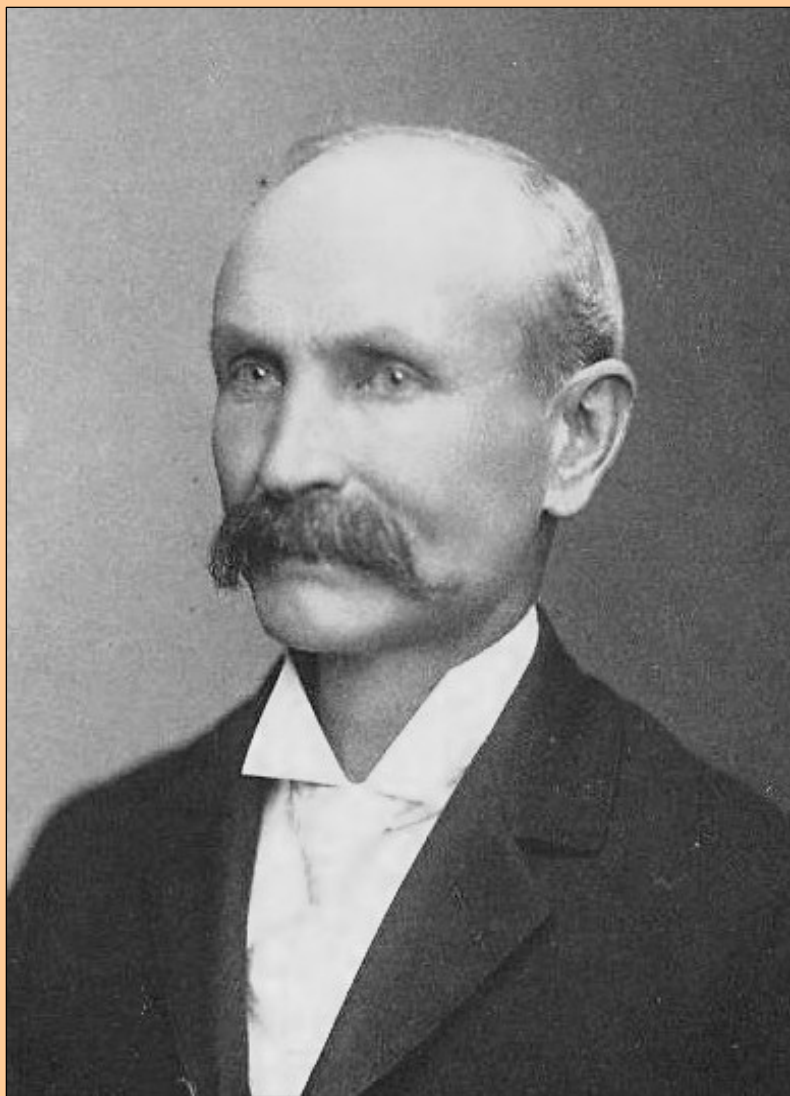
John A. Christy, Oregon Natural Heritage Information Center

Angie Kimpo, Metro Regional Parks and Greenspaces

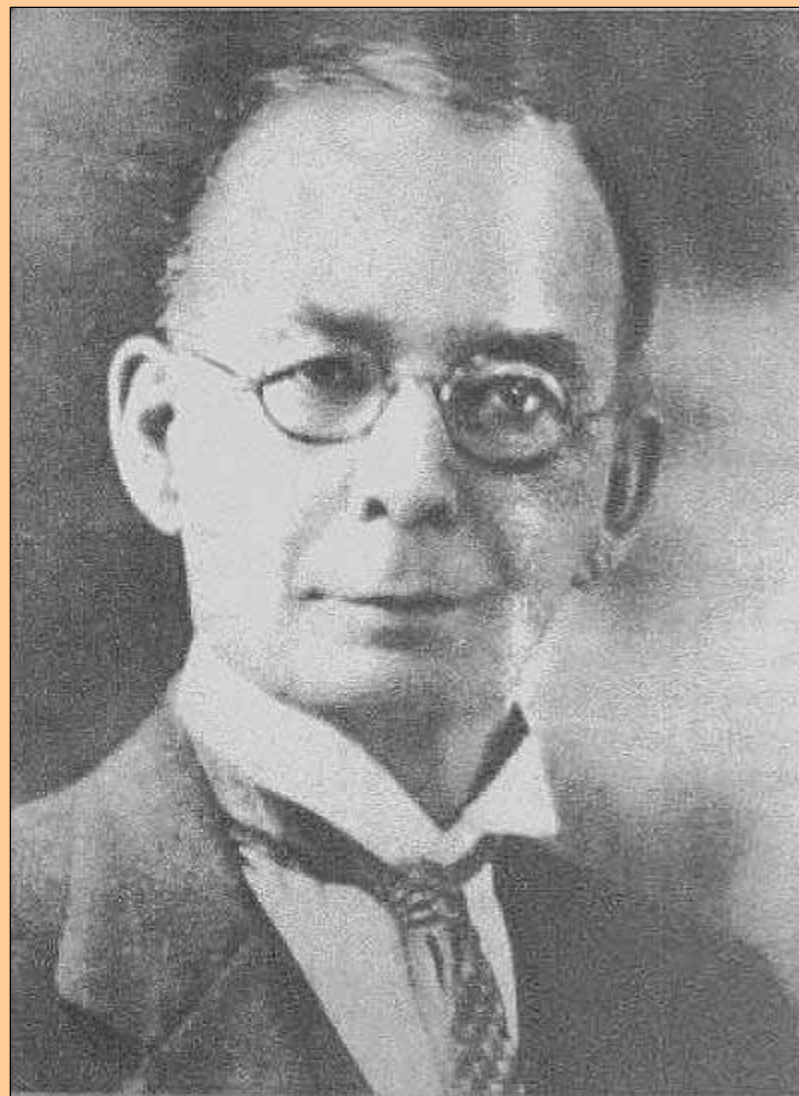
Vernon Marttala

Nancy Christy

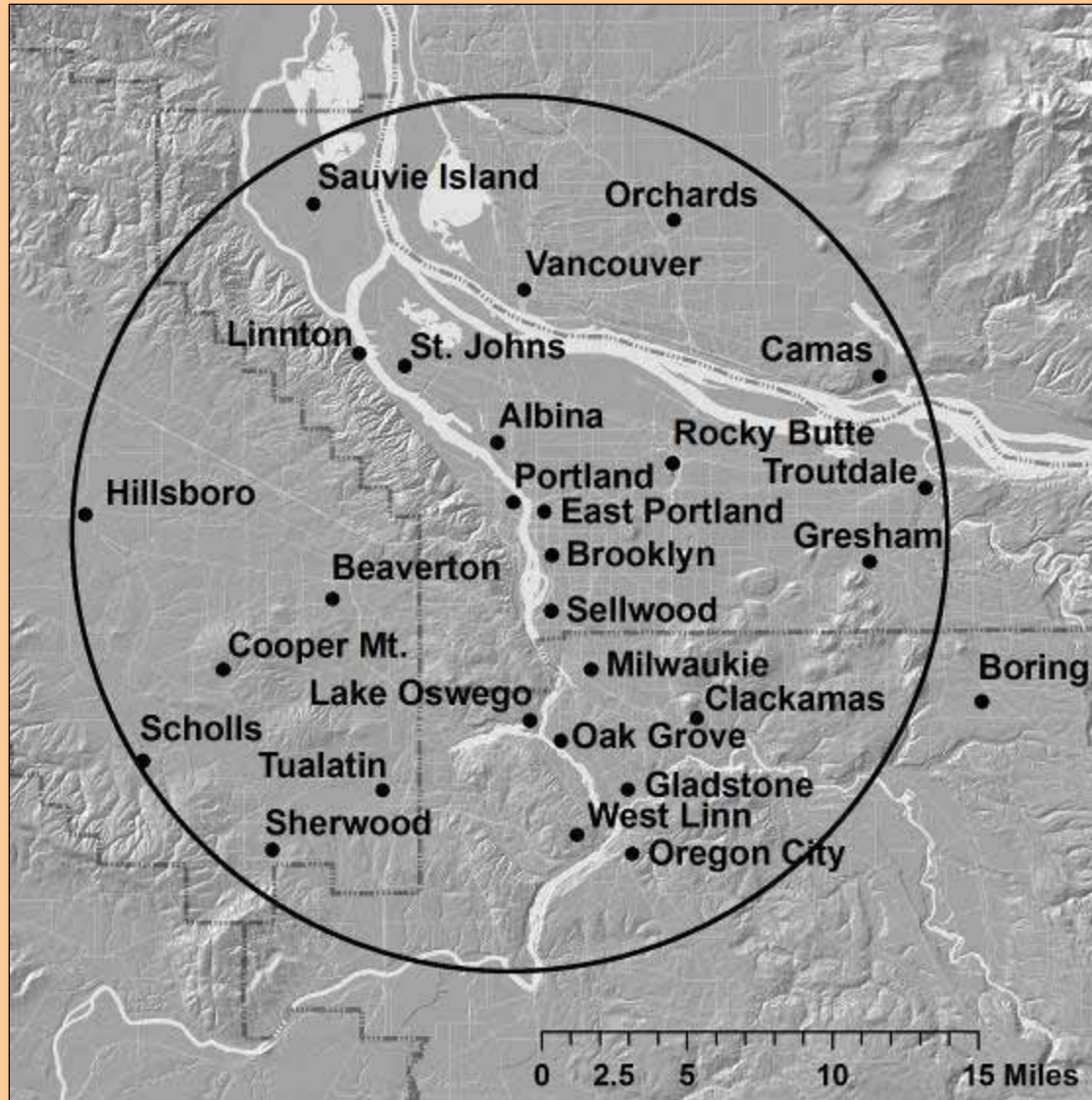
Martin Gorman



James Nelson



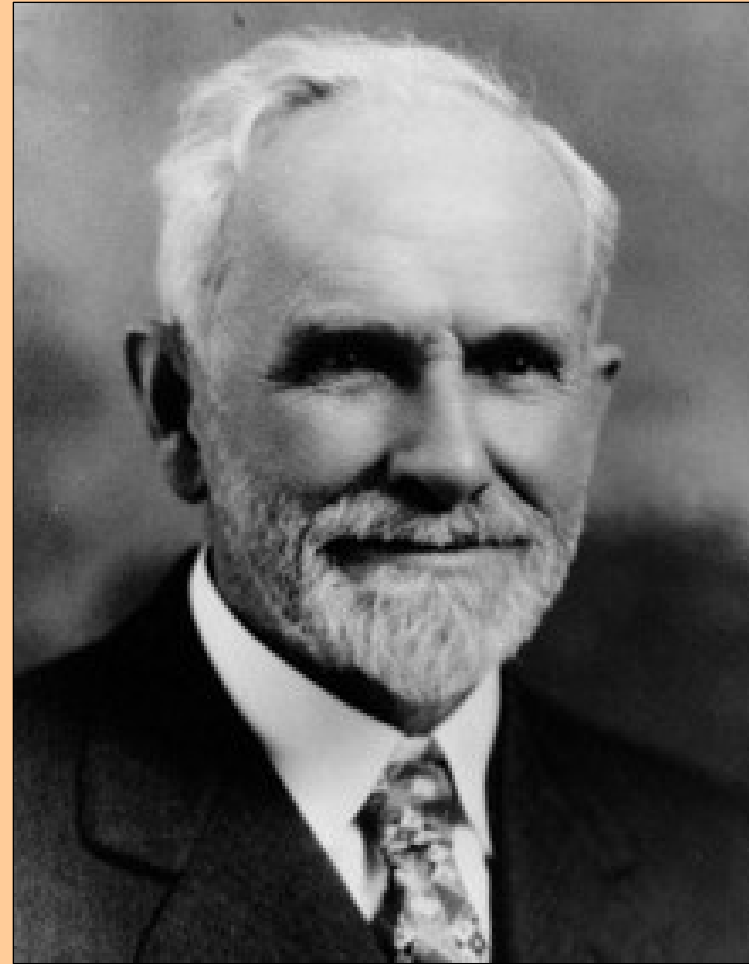
Study Area



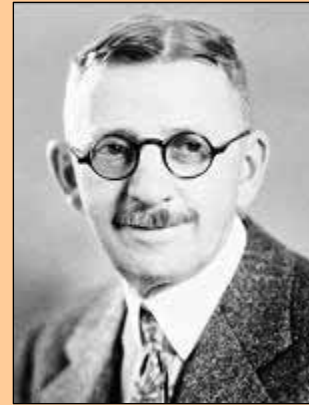
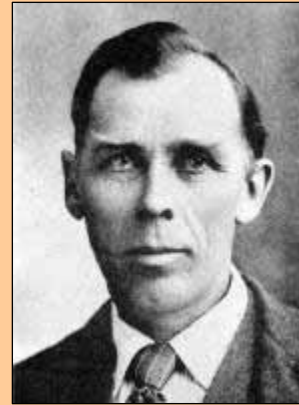
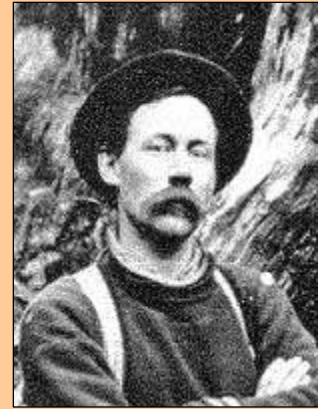
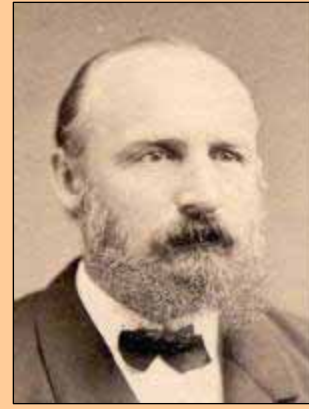
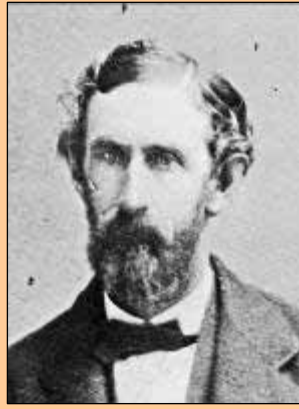
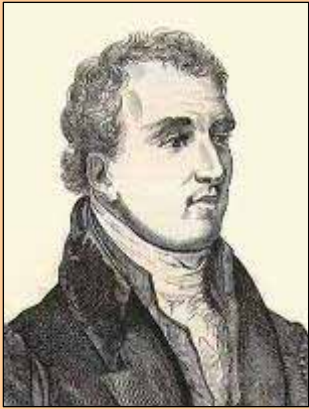
Thomas Howell



Louis Henderson



Other botanists, 1825-1935

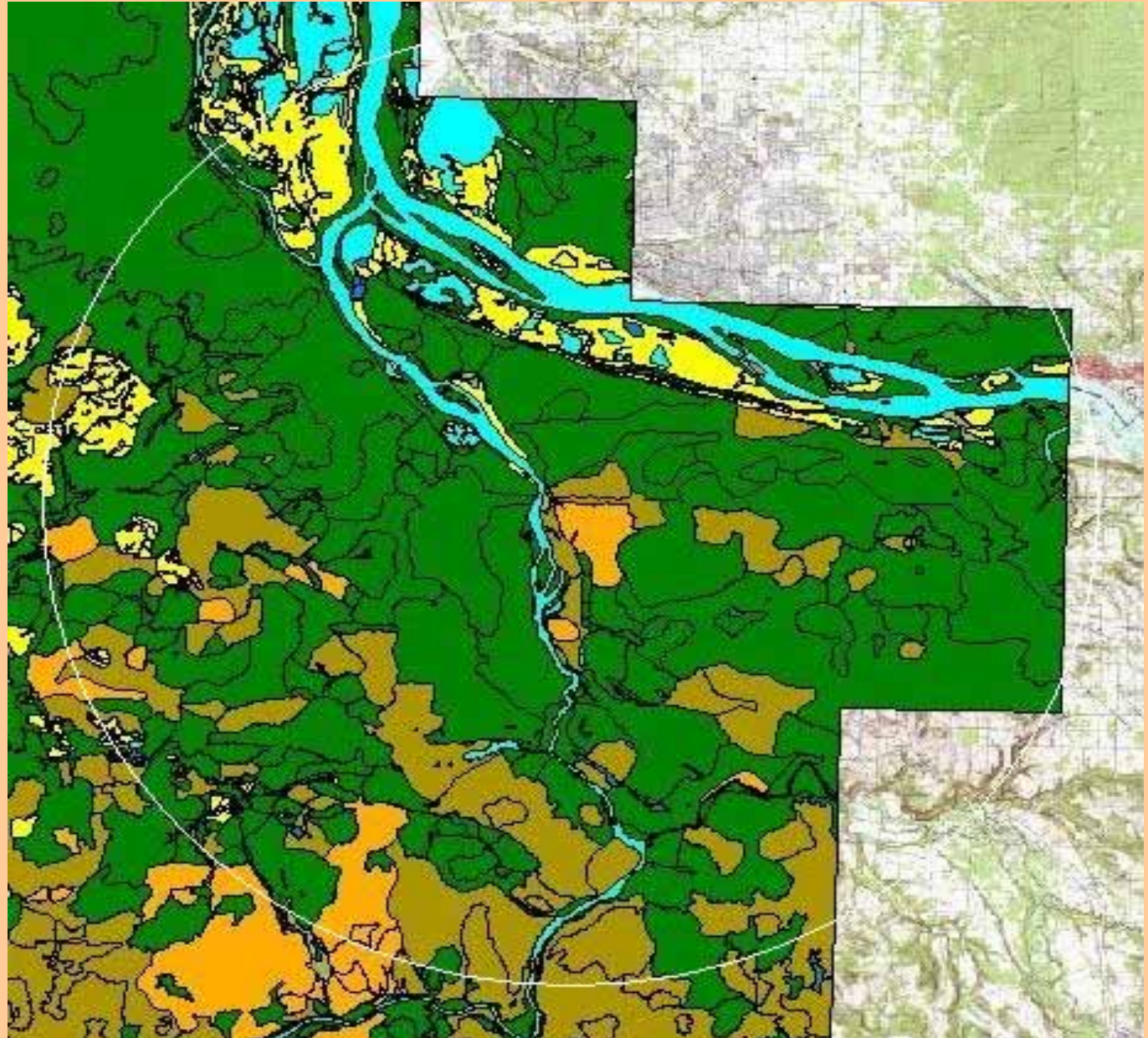


Sources for Current Species Distribution

- 
- Oregon State University Herbarium
 - University of Washington Herbarium
 - Washington State University Herbarium
 - Portland State University Herbarium
 - Regional Plant Lists (academic, local government, non-profit, consultant)
 - Cooperative Weed Management Area (Multnomah, Washington, Clackamas Counties)
 - Oregon Department of Agriculture Noxious Weed Program

Portland Vegetation in 1850

Upland forest
331,453 ac
Riparian forest
31,256 ac
Woodland
129,397 ac
Prairie
34,671 ac
Savanna
24,059 ac



Oregon City, 1867

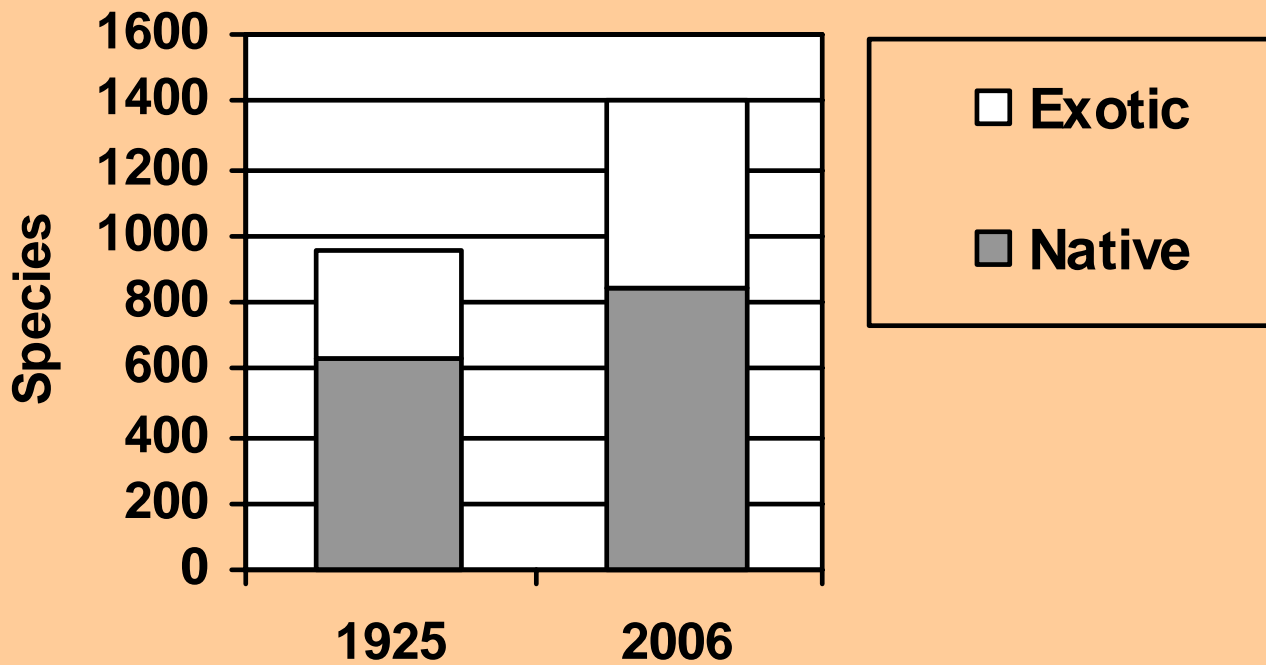


East Portland, 1874



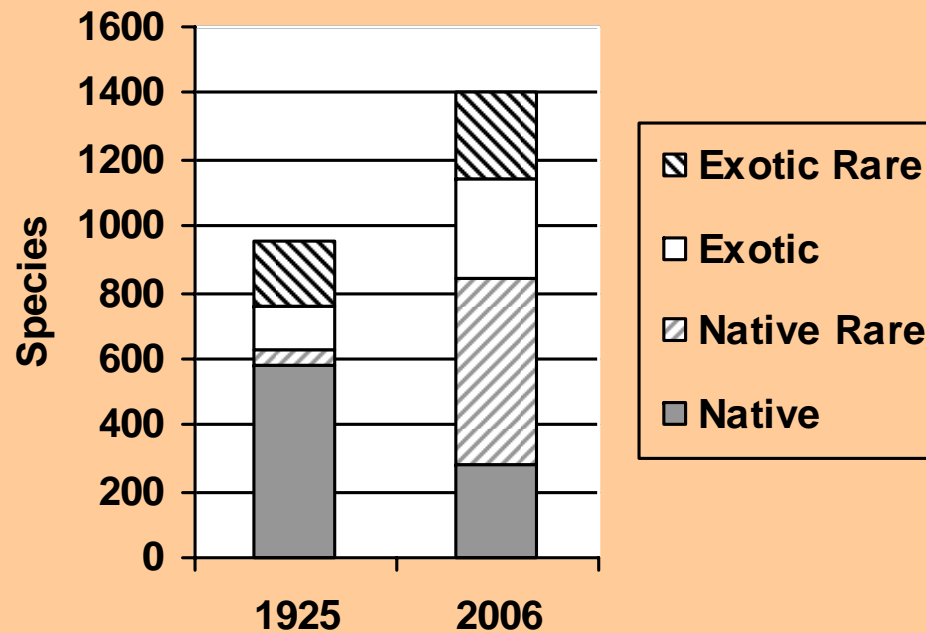
A Changing Flora

**Native vs. Exotic species in the
Portland area, 1925-2006**

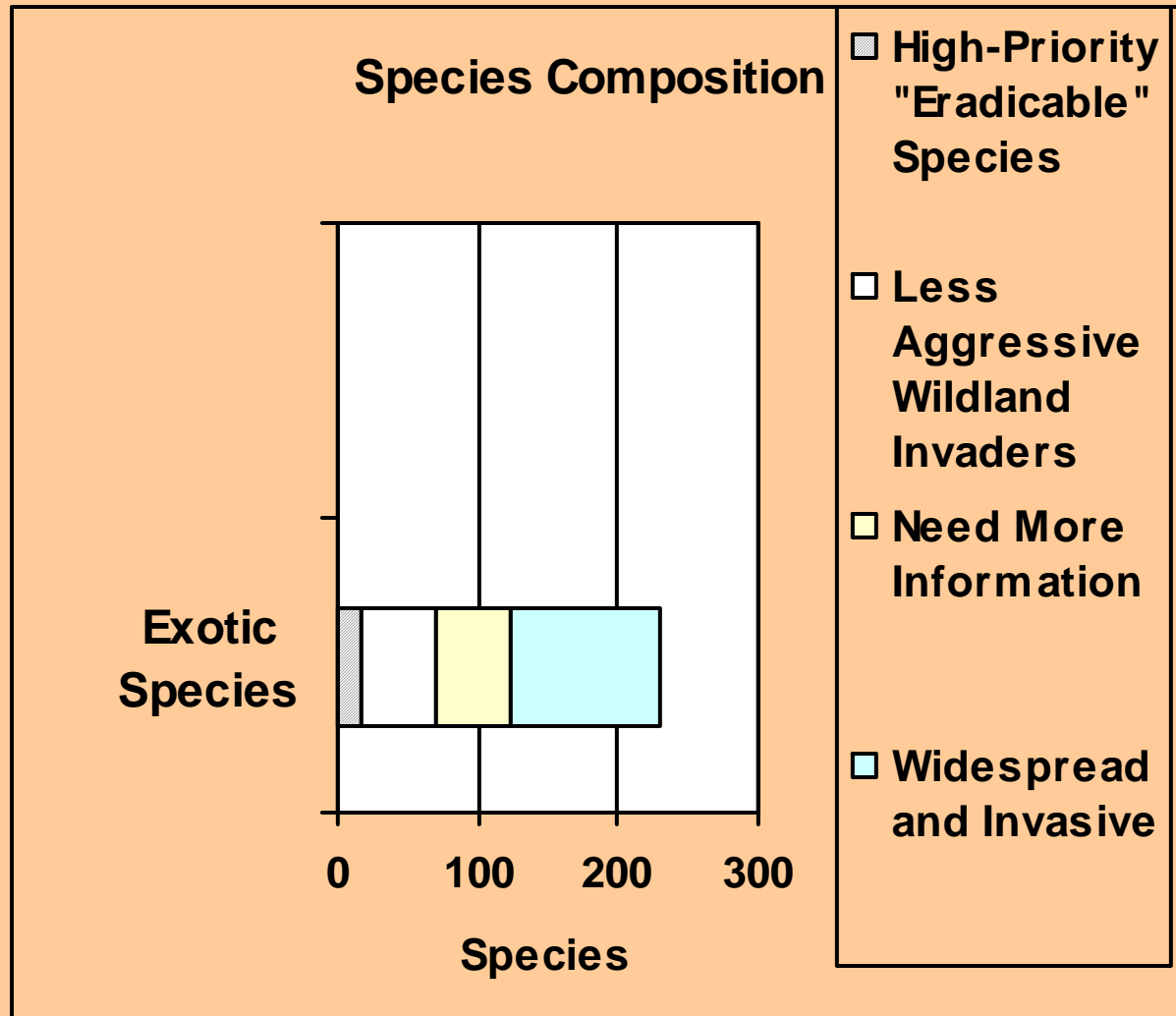


Composition of Floras

**Rare vs. Common species in the
Portland area, 1925-2006**



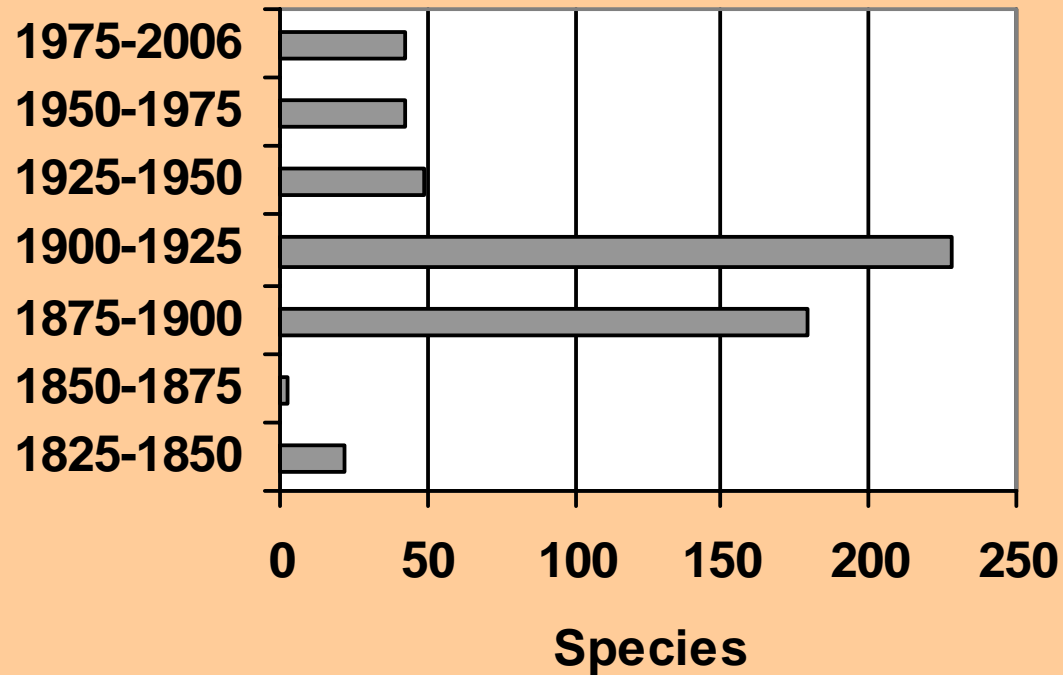
Present-Day Exotic Species



*CWMA List, 2005

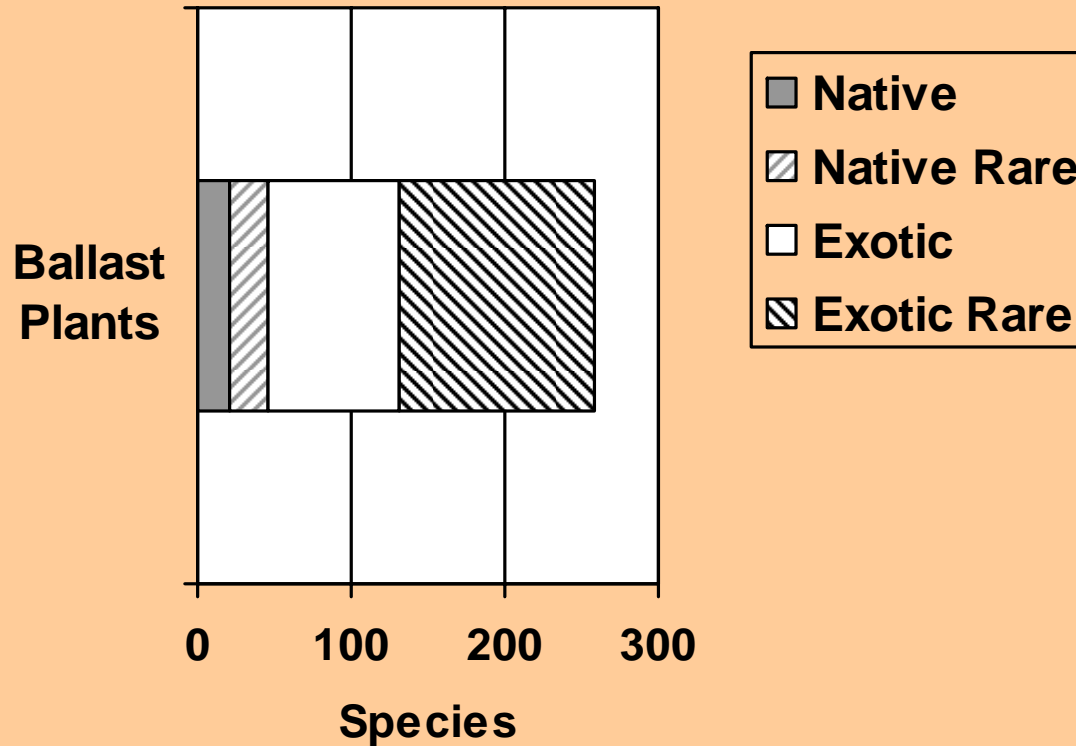
Periods of Introduction

Fig. ____. Period of Introduction for Exotic species in the Portland area

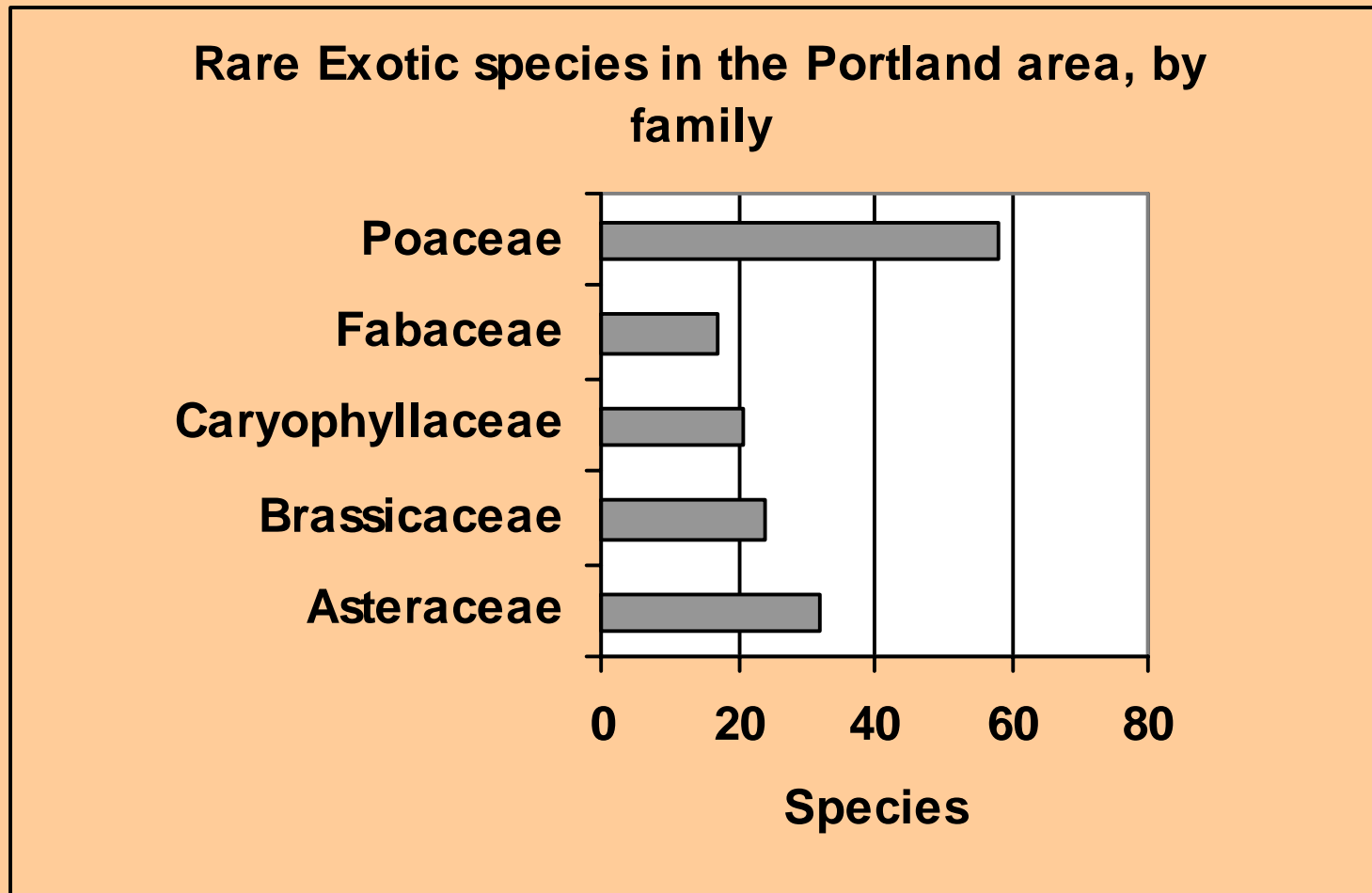


Ballast Plants

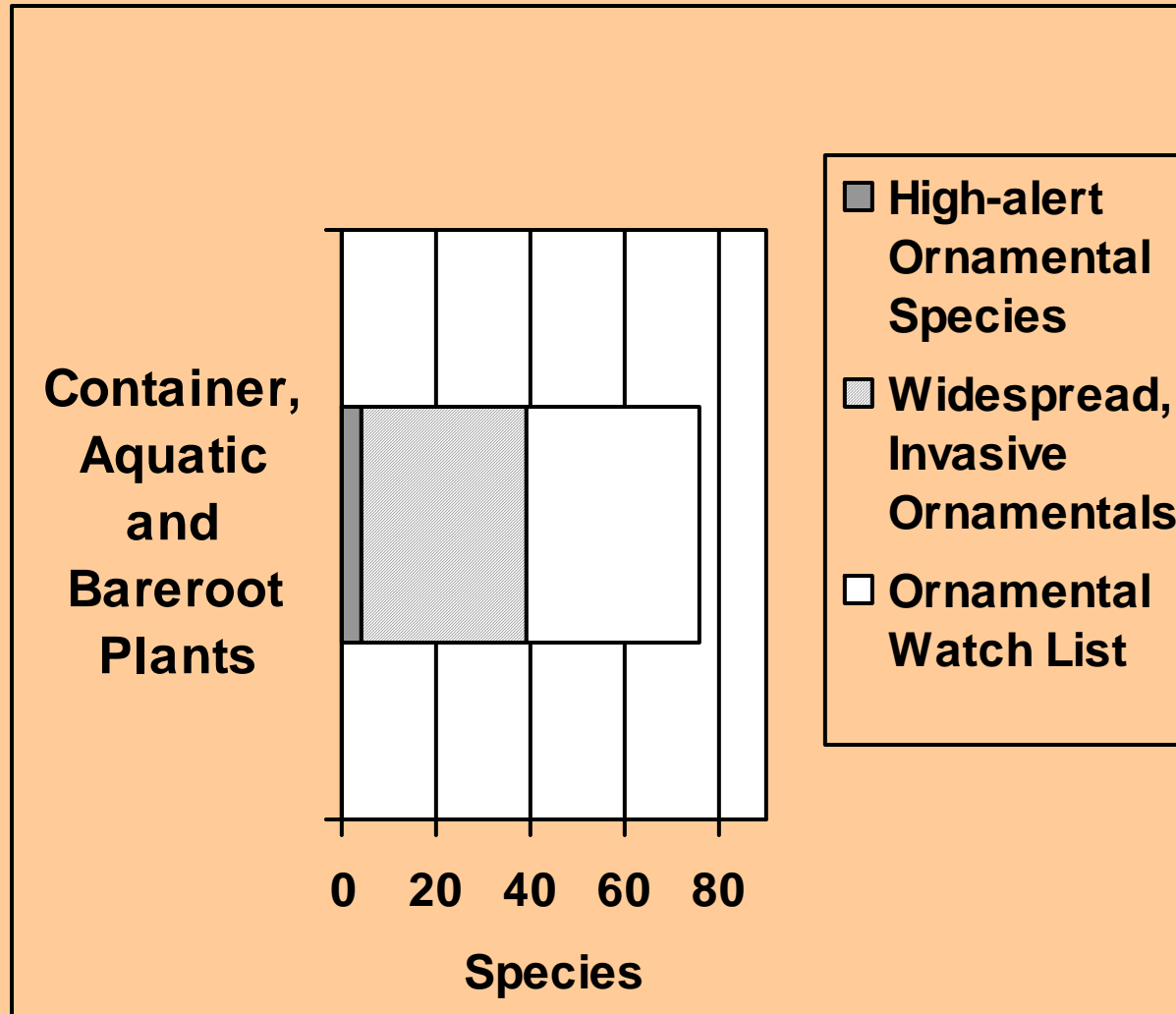
Ballast plants in the Portland area, 1925



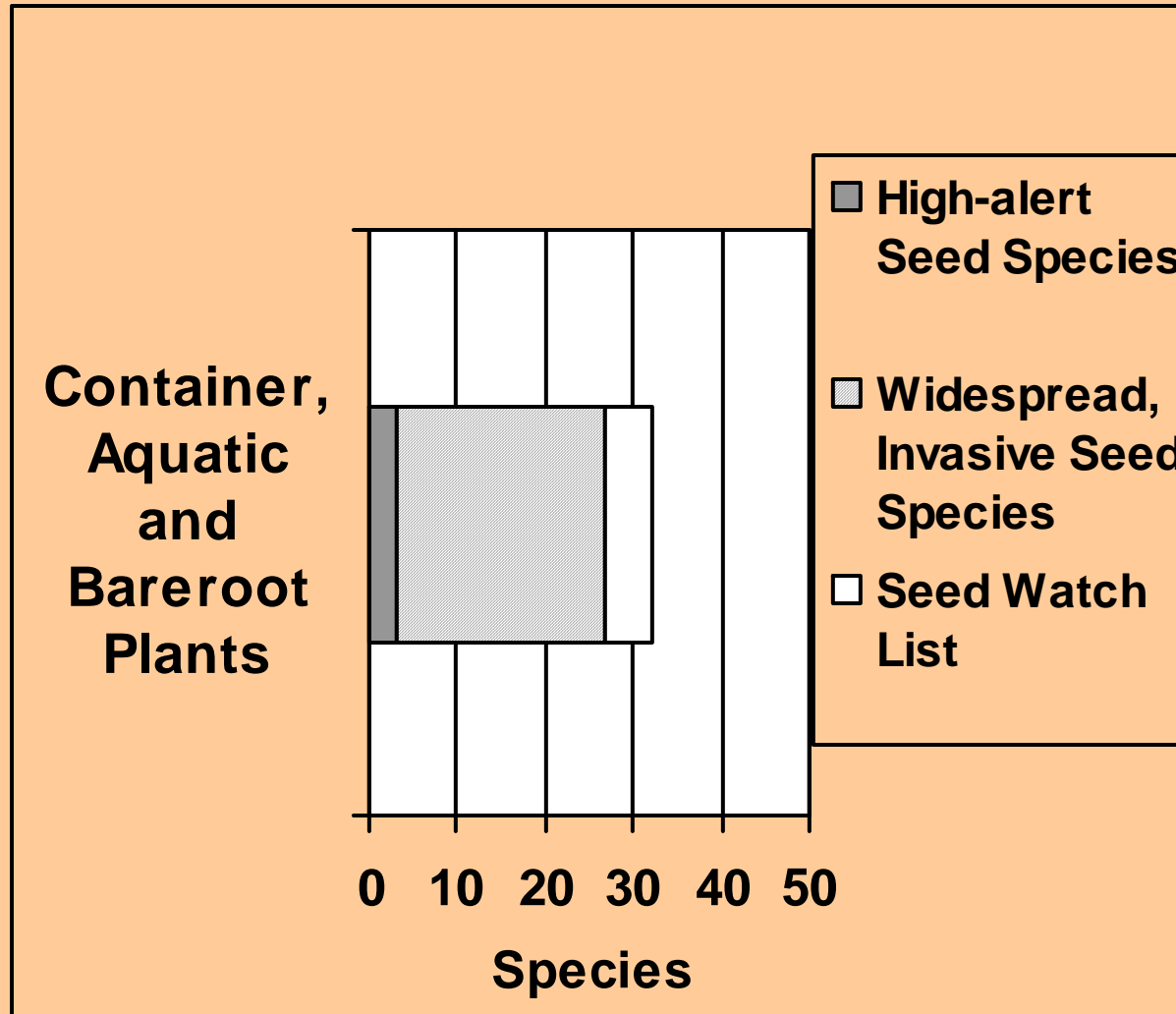
Rare Exotic Species by Family



Ornamental Plants



Commercial Seed



Acknowledgements

Native Plant Society of Oregon

Metro Regional Government

Oregon Flora Project

Carex Working Group

OSU Herbarium

Portland State University Herbarium

University of Washington Herbarium

Ed Alverson, The Nature Conservancy

Peter Zika, University of Washington

Phil Gaddis, Clark County

Bruce Newhouse (Salix Associates)

Mary Pfauth (PSU)

Lona Pierce

Jack Poff

Barbara Wilson, Carex Working Group

