Managing land with minimal impact to birds: Conservation Considerations in Site-based Land Management

Metro Science and Stewardship—Katy Weil
Upland closed forest = 6600
Riparian = 2600
Savannah/shrub/prairie = 1650
Wetland = 1000
Open woodland = 1000
Riverine = 100
Agricultural lease or developed = 500

Acreage = 13,500

Metro Natural Areas and Parks
Management Considerations Within Varied Habitats

- Savannah
- Oak woodland
- Wetland
- Riparian
- Upland Closed Forest
EARLY RESTORATION: SITE ESTABLISHMENT

Land Management Practices Include:

Mowing
Herbicide spraying
Haying / grazing
Flooding
Prescribed burning
NEXT PHASE: VEGETATION ESTABLISHMENT

NATIVE TREE AND SHRUB PLANTING

• SPOT SPRAYING
• MAINTENANCE MOWING
• HAYING/GRAZING
• BURNING
• FLOODING: VARIOUS TECHNIQUES
  AG TILE REMOVAL /DISRUPTION
  MINOR GRADING
  INSTALLATION OF WATER CONTROL STRUCTURE –
  (IF POTENTIAL AND MEANS EXIST)
oak woodland, prairie/grassland, riparian, upland closed forest
Cooper Mountain Nature Park
Invasives:
Example of Scot’s broom control
oak savannah—Graham Oaks Nature Park

Metro Natural Areas and Parks
Initiation and Maintenance

Breeding Season Considerations

- Savannah sparrow
- Common yellowthroat
St. John’s Landfill at Smith and Bybee Grassland adjacent to wetland

Metro Natural Areas and Parks
St Johns Landfill
St. Johns Landfill
Vegetation unit boundaries and acreages
(E. Stewart, updated 6/2006)

- Perimeter 13 ac.
- Subarea 1 and PLC 37 ac.
- Subarea 2 49 ac.
- Subarea 3 46 ac.
- Subarea 4 41 ac.
- Subarea 5 41 ac.
Additional Resources

Oregon Habitat Joint Venture (includes habitat enhancement and restoration on private lands)

Avian Knowledge Network (current discussion re how land managers can better harness the power of these resources for bird conservation in the 21st century, and how to better link management and conservation planning)

OR/WA Partners in Flight – listserv, local partners

Portland–BES Best Management Practices—take them out for a test drive!!(or mow)

Metro Science and Stewardship – website, email, call