



Plants for People: bringing traditional ecological knowledge to restoration

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**Traditionally, plants
were gathered for
food, basketry, tools
and medicine**



Development has reduced biodiversity



Natural areas are fragmented & isolated



Issues today

- **Loss of natural habitats**
- **Limited availability of cultural plants for restoration**
- **Lack of sites that host culturally significant plant species**
- **Few sites support gathering by tribes**

Objectives of Plants for People project

- **Create a tribal plant materials program for Confederated Tribes of Grand Ronde**
- **Incorporate tribal knowledge and cultural plant species at restoration sites**
- **Enhance future gathering and cultural opportunities for local tribes**

Project timeline

- Phase I (2014-16)
- Phase II (2017-19)
- Both funded by OWEB grants

Choosing cultural species for production

Common name	Scientific name
Tall camas	<i>Camassia leichtlinii</i>
Gairdner's yampah	<i>Perideridia gairdneri</i>
Coast tarweed	<i>Madia sativa</i>
Cow parsnip	<i>Heracleum lanatum</i>
Barestem biscuitroot	<i>Lomatium nudicaule</i>
Narrowleaf onion	<i>Allium amplexans</i>
Toughleaf iris	<i>Iris tenax</i>
Pacific willow	<i>Salix lucida lasiandra</i>
Redosier dogwood	<i>Cornus sericea</i>

Collecting wild seed & harvesting bulbs



Seed production



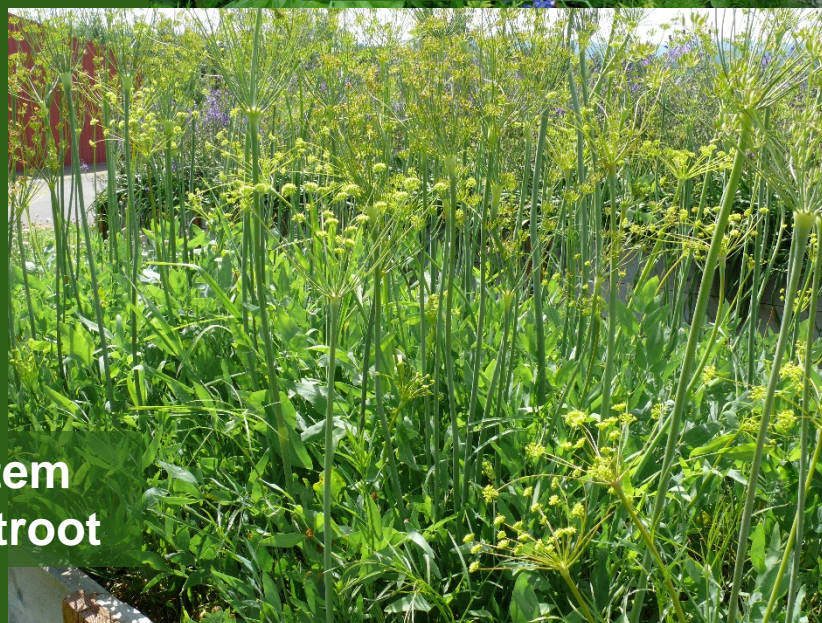
Coast
tarweed



Madia sativa
CP Lot: 30526



Cow
parsnip



Barestem
biscuitroot

Cow parsnip



Creating infrastructure: Building raised beds at Grand Ronde



Spring growth



Cutting beds



Tribal Native Plant Materials Program Development Plan for the Confederated Tribes of Grand Ronde



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Blessing and planting the camas beds at Grand Ronde

Sharing knowledge: native plant propagation workshops at Grande Ronde



Photos: Michelle Alaimo, CTGR



Children harvesting camas from raised beds

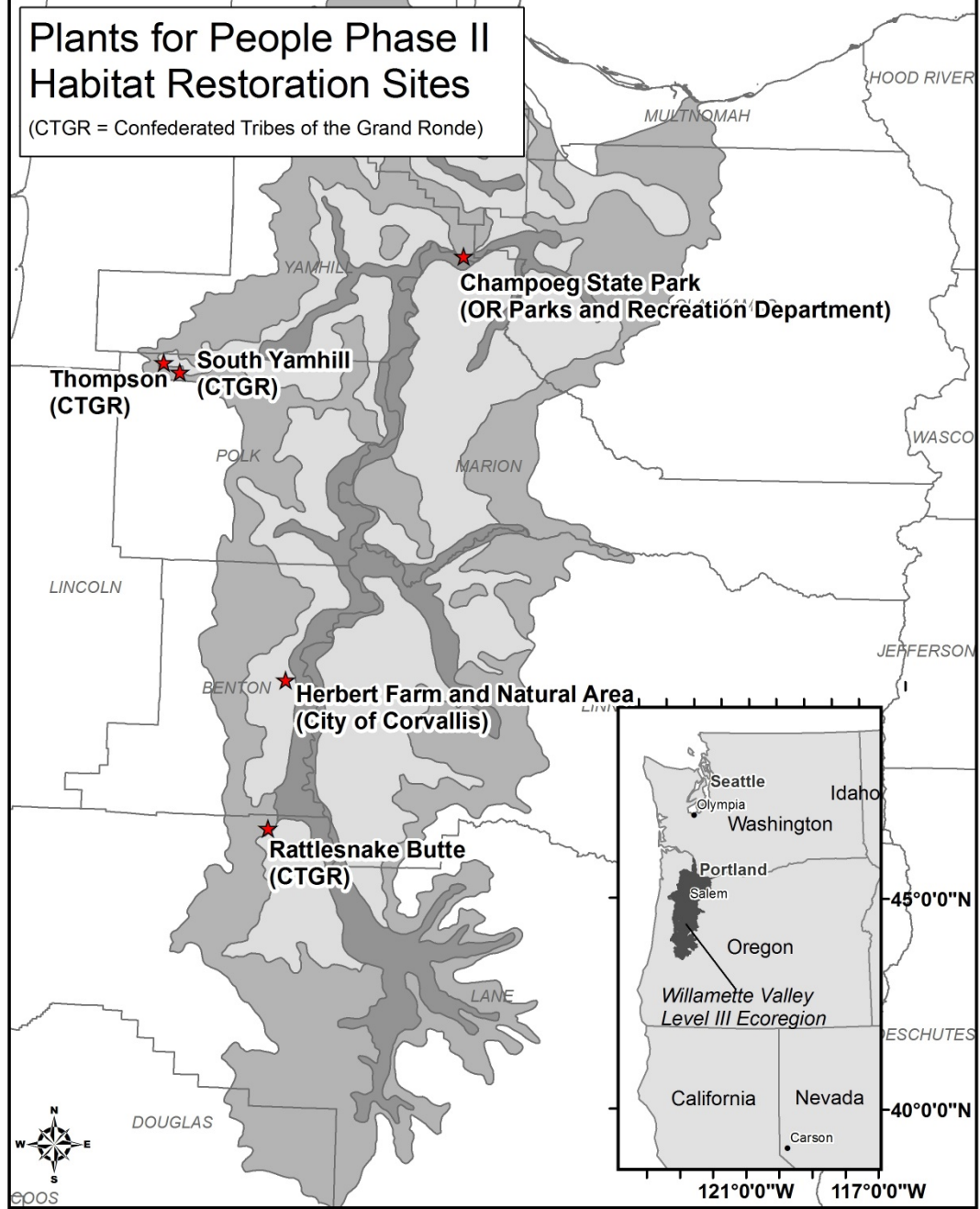


Restoration Areas

Area	Landowner
Herbert Farm & Natural Area	City of Corvallis
Champoeg State Park	Oregon Parks & Recreation Dept.
Rattlesnake Butte	Confederated Tribes of Grand Ronde (CTGR)
South Yamhill	CTGR
Thompson	CTGR

Plants for People Phase II Habitat Restoration Sites

(CTGR = Confederated Tribes of the Grand Ronde)



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Level III Ecosystem

— Prairie Terraces

— Valley Foothills

— Willamette River and Tributaries Gallery Forest

Sharing knowledge: Tribal elder visits to restoration sites



Restoration

- Restoration treatments
- Plant materials
- Culturally important plant materials
- Phase II – focus on oak savanna habitats

Restoration: Herbert Farm & Natural Area



Planting trees at Herbert Farm





Champoeg State Park



Plans at Champoeg State Park in 2018-19

- Hold a cultural planting event
- Tribal volunteers
- Plan for future harvest

Restoration at 3 CTGR sites in 2018-19

- Rattlesnake Butte
- Thompson
- South Yamhill
- Focusing on Oak savanna habitats & complementing other efforts

Benefits to tribe and community

- Employment opportunities
- Cultural education
- Access to culturally significant plants
- Restoration at culturally important sites
- Future opportunities for harvest

Improving tribal connection to natural areas



**Grand opening at Tye
Nature Reserve**



Project Partners



**Corvallis Plant
Materials Center**

