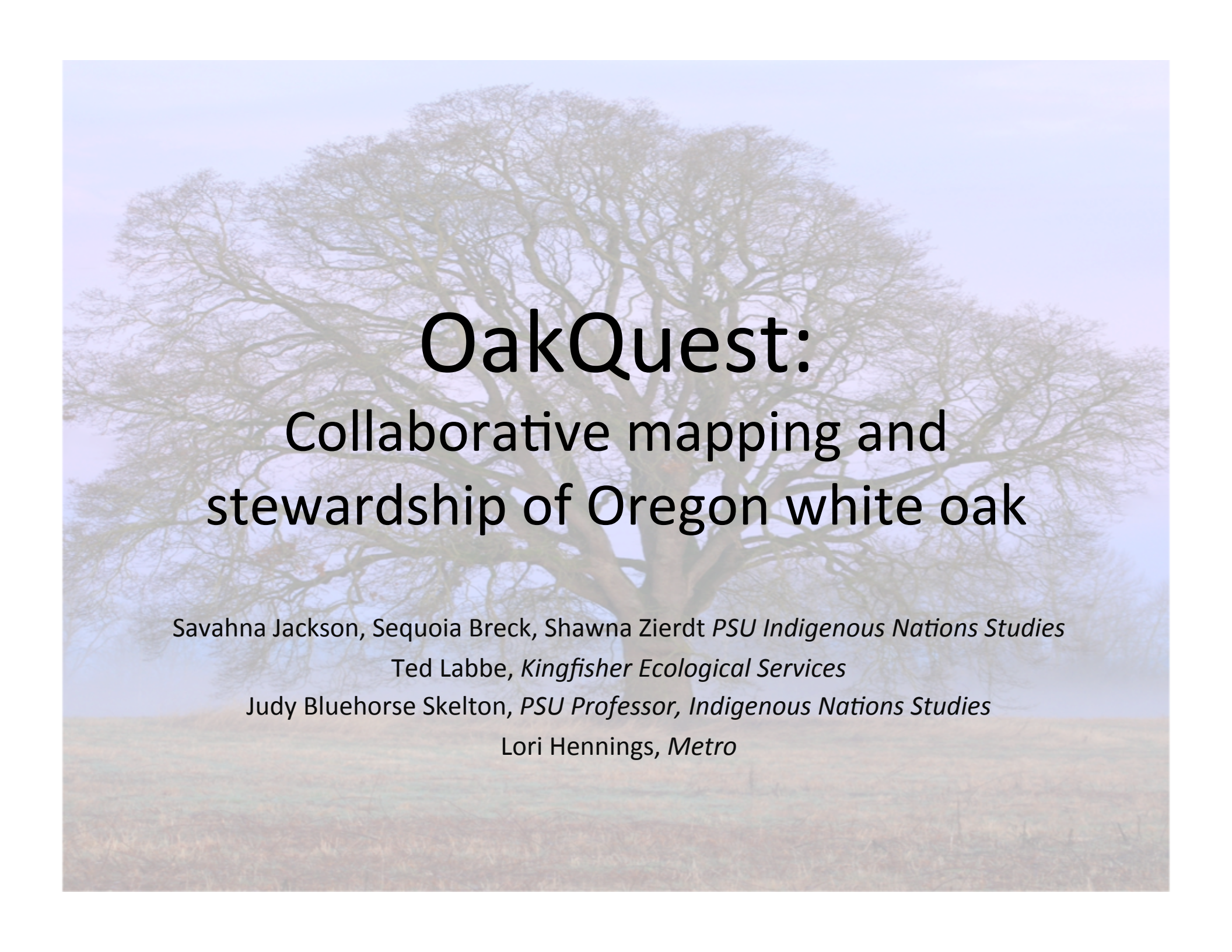




OakQuest:

Collaborative mapping and stewardship of Oregon white oak

Savahna Jackson, Sequoia Breck, Shawna Zierdt *PSU Indigenous Nations Studies*

Ted Labbe, *Kingfisher Ecological Services*

Judy Bluehorse Skelton, *PSU Professor, Indigenous Nations Studies*

Lori Hennings, *Metro*

Background

- The Intertwine Alliance Oak Prairie Workgroup
 - 29 partner agencies, nonprofits – active since 2011
 - Initial goal: Develop regional map of at-risk Oregon white oak
 - New goal: Foster greater oak habitat stewardship & learning
 - Includes: citizen science, naturescaping, TEK demo project, and conservation leadership training for emerging Tribal Leaders
- Funding
 - Metro Nature in Neighborhoods
 - Oregon Wildlife Heritage Foundation
 - U.S. Fish and Wildlife Service
 - Oregon Department of Forestry
 - Clackamas and Tualatin Soil and Water Conservation Districts



Approach

- Volunteer outreach, trainings, and online tools
- Teams, used custom smartphone application
- Volunteers: July-Sep 2014, Aug-Oct 2015
Professionals: Oct 2014 & 2015



OakQuest Volunteer Summary

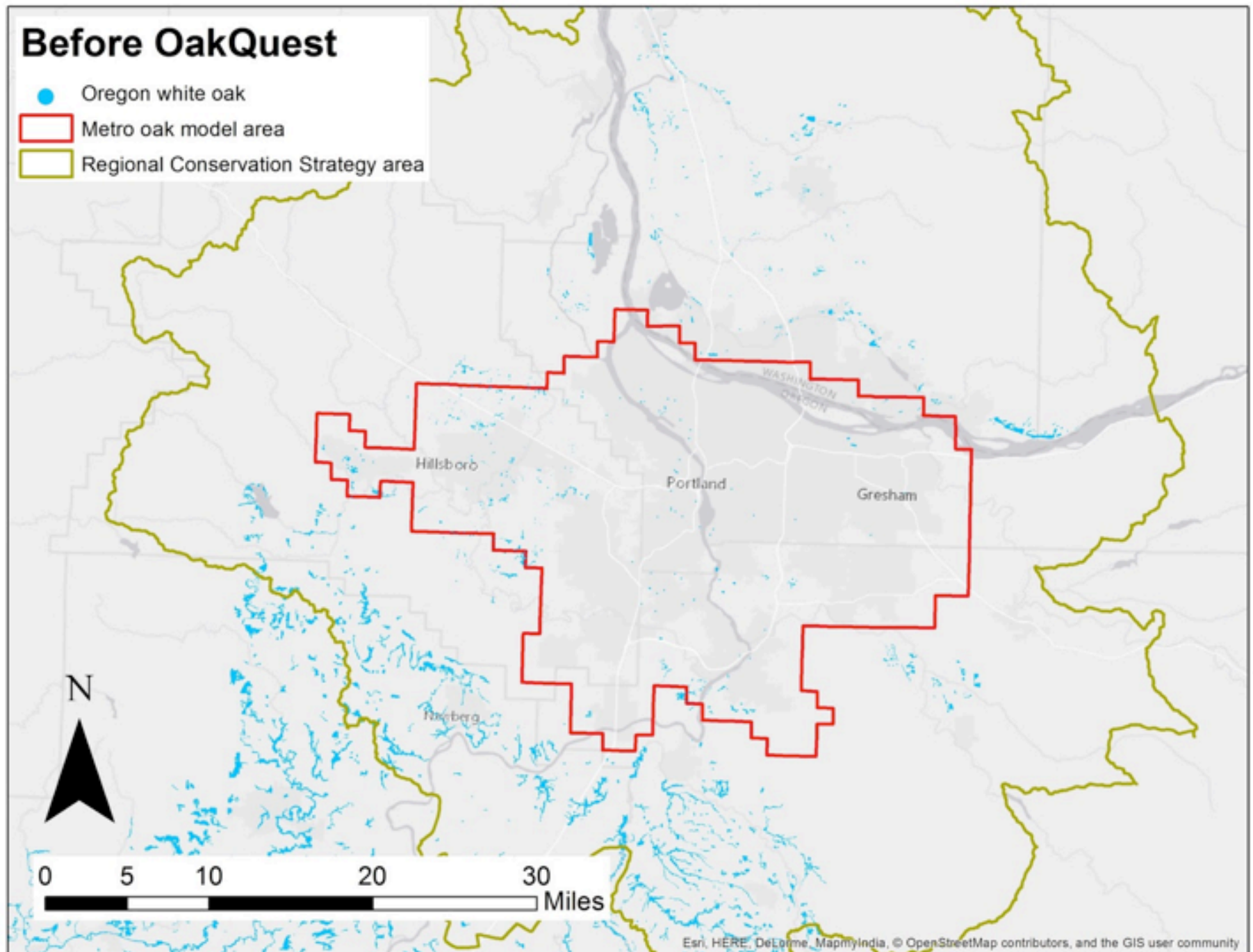
	2014	2015	Total
Number of Active Volunteers	96	112	195
Total Volunteer Hours	1030	433	1463

Social Environments



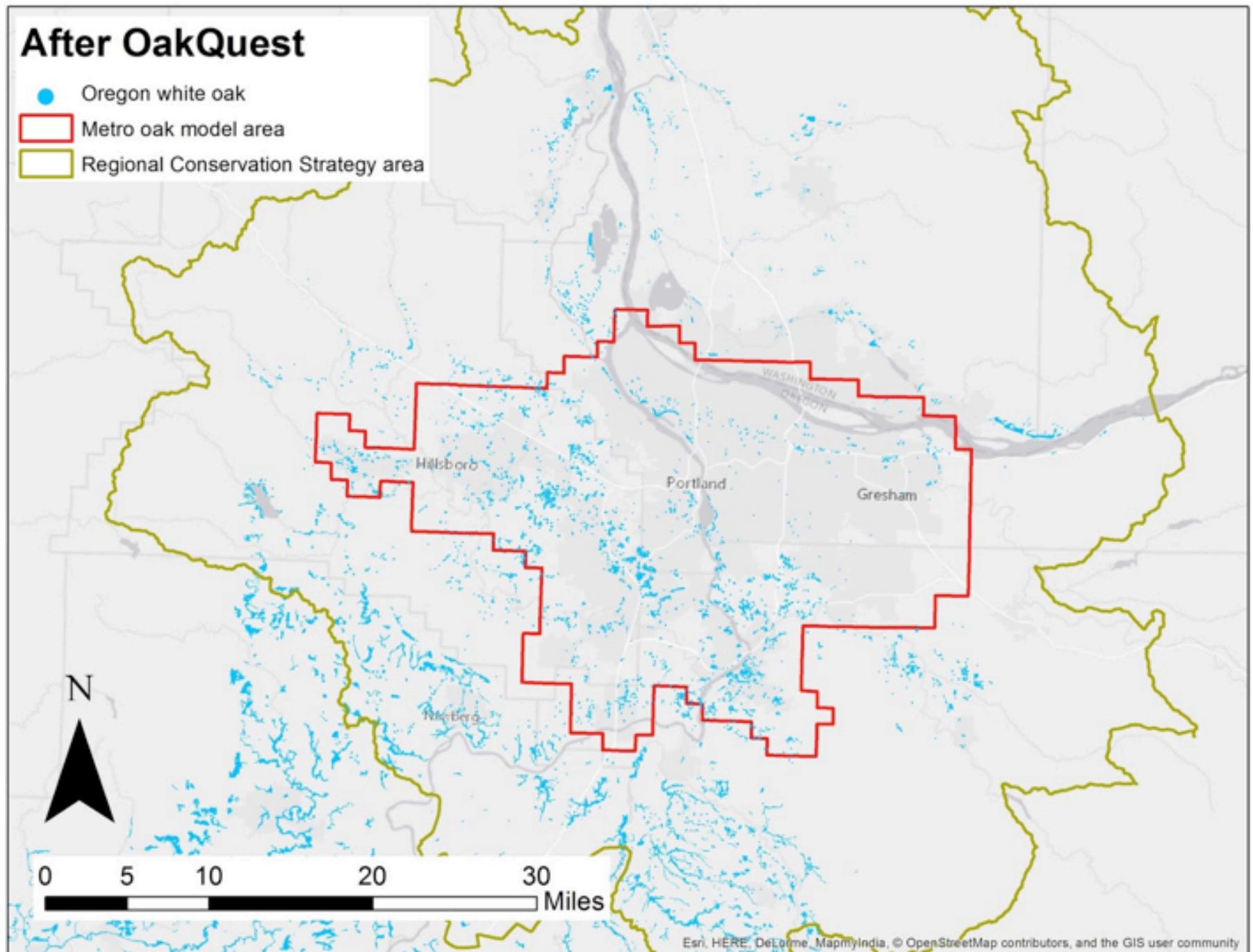
Before OakQuest

- Oregon white oak
- ▭ Metro oak model area
- ▭ Regional Conservation Strategy area



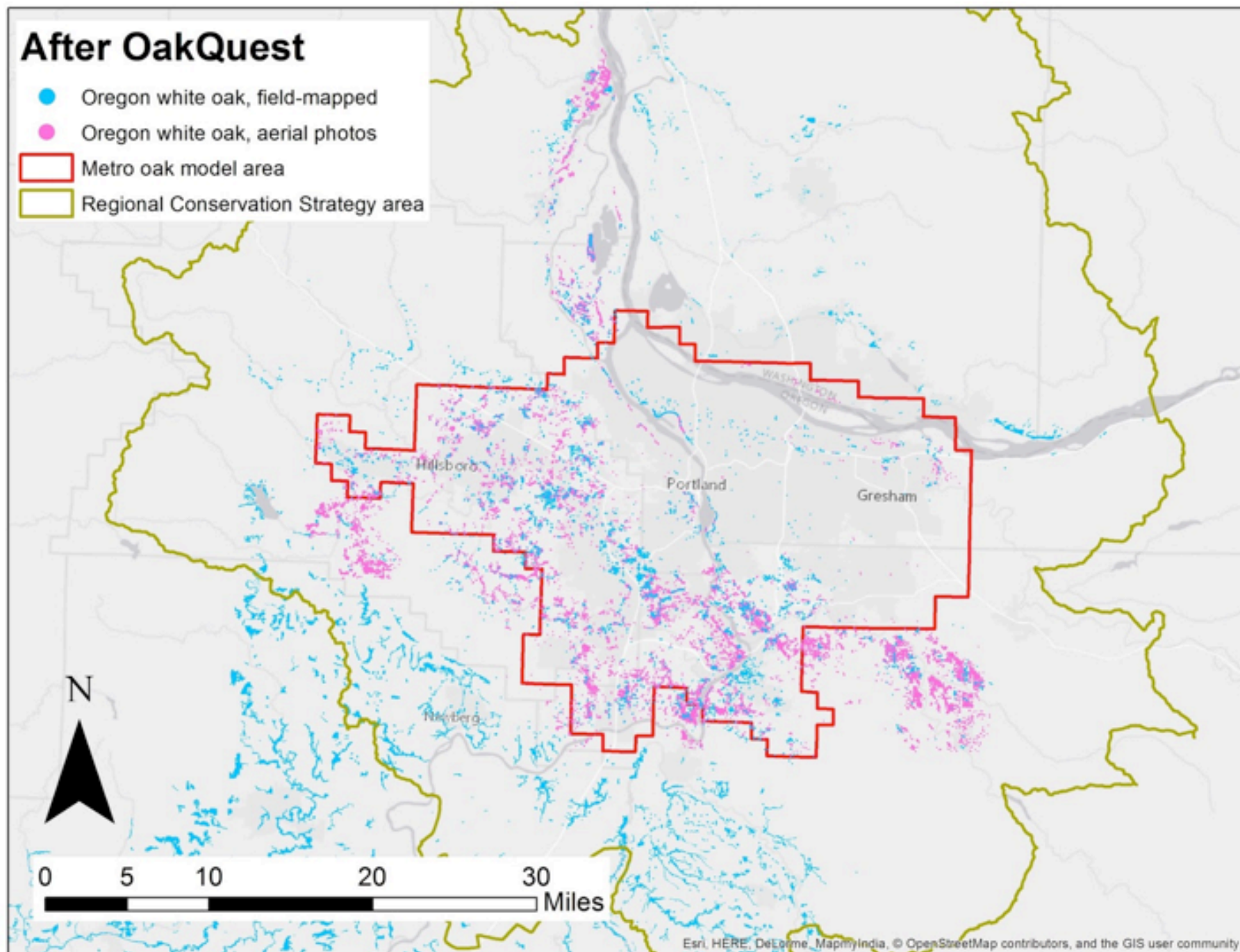
After OakQuest

- Oregon white oak
- ▭ Metro oak model area
- ▭ Regional Conservation Strategy area



After OakQuest

- Oregon white oak, field-mapped
- Oregon white oak, aerial photos
- ▭ Metro oak model area
- ▭ Regional Conservation Strategy area



Mapping Totals

	2014	2015 (thu Oct 23)	Total
Oregon white oak	6,969	7,811	14,780
Other tree species	4,082	1,473	5,555

KilipiCamas

Outcomes and Audiences

Outreach and Education

1. 150+ people reached through outreach presentations, expert talks, and field trips on oak conservation and stewardship
2. 5+ partner organizations adopting and disseminating naturescaping with oak guidance documents

TEK Natural Area Stewardship

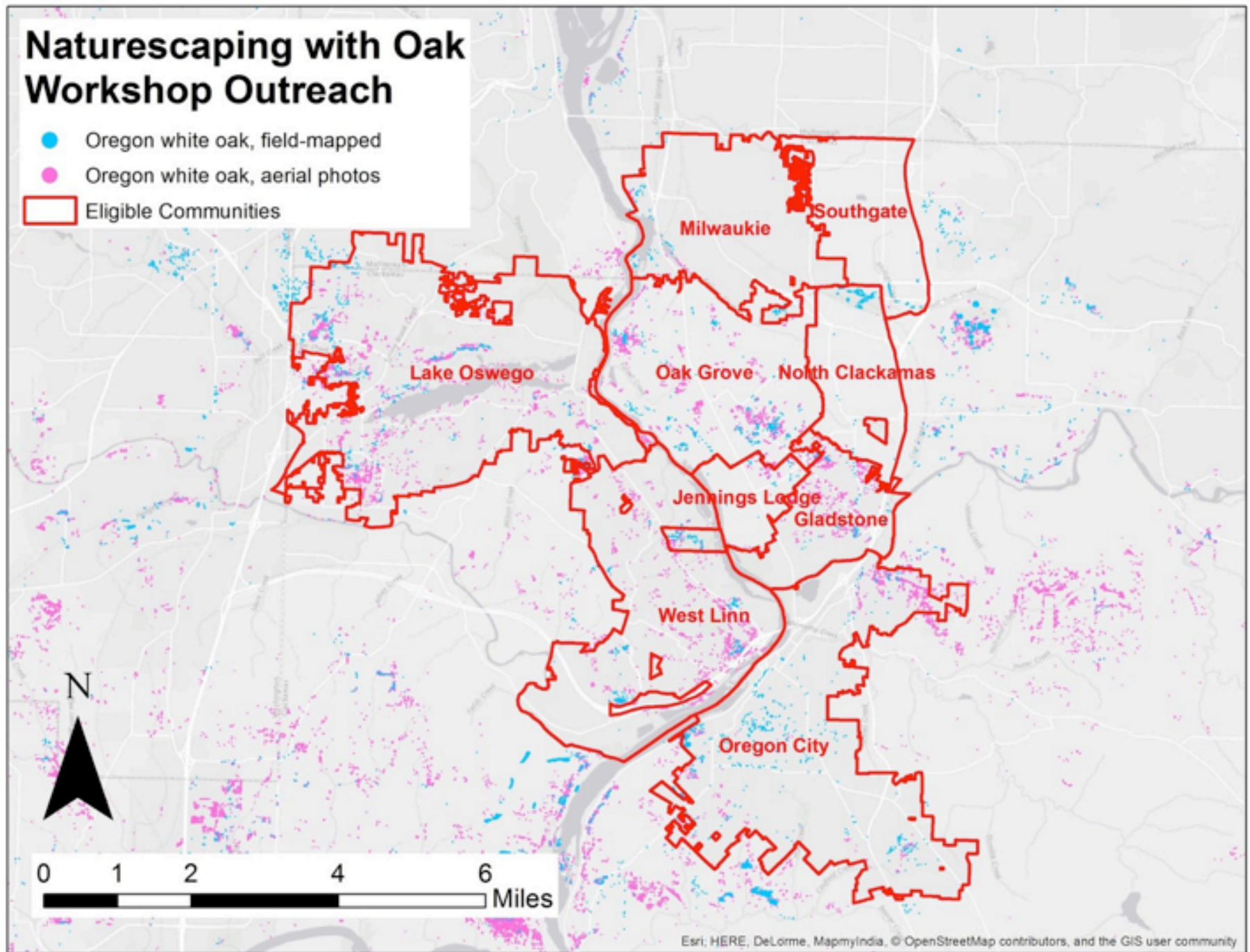
1. 50+ members of Native American community engaged through outreach and stewardship work parties
2. 1 acre of natural area “treated” with traditional stewardship practices
3. Plant materials sustainably harvested to support restoration at 2+ add’l sites

Landowner Workshops

1. 45 engaged backyard habitat stewards demonstrating oak conservation best practices to their neighbors
2. 1 acre of naturescaped urban residential yards supporting native oak-associated vegetation
3. 80% survival of container-planted stock and 90% cover of native understory vegetation

Naturescaping with Oak Workshop Outreach

- Oregon white oak, field-mapped
- Oregon white oak, aerial photos
- Eligible Communities



KilipiCamas, cont.



Connecting with Youth



PSU Indigenous Nations Studies Leadership Role

- OakQuest volunteer management
- Volunteer and partner celebration
- Service learning in natural resources
- Cultural context for oak legacy
- KelipiCamas project management
 - communications & messaging
 - needs assessment
 - TEK stewardship demonstration project at natural area



KilipiCamas: Next Steps

- Outreach to Portland-area Native American communities and natural area managers
 - Community-building through hands-on work parties
- Needs assessment
- Stewardship demonstration at one or two natural areas
- Continue regional oak conservation partnership: stewardship, education, outreach

A large, leafless tree with a thick trunk and many branches stands in a field of dry grass. The sky is a clear, pale blue. The text "Shepkedsha" is centered over the upper part of the tree.

Shepkedsha

(Thank You)

Questions?