Indigenous Resource Management:
The Tolowa Dee-ni' Way

Presented by:
Megan Van Pelt, Jaytuk Steinruck and Rosa Laucci
August 14, 2018
Nvn-nvst-’aa~-ta (Natural Resources) Department’s Mission and Goal:

• To preserve and protect the natural and cultural resources of both the Tolowa Dee-ni’ Nation and Tolowa aboriginal territory.

• To promote culturally appropriate stewardship of tribal lands, water, air and resources.

**Community input and concerns drives programs/projects**
Six Keystone Species

• Lhvmsr – Surf Smelt
• Ch'uy-xee-ni – Night Smelt
• Met-'e – Razor Clam
• Dee-lhat – Mussels
• Lat – Seaweed
• Chii-la'-Ihsrik – Surfperch
Monitoring & Research
• Lhvmsr Habitat Assessment:
  • 2 beaches
  • GPS spawning areas
  • Temperature profile

• La'-na Health & Population Surveys:
  • 2 intertidal sites/3 plots each
  • Count & assess health of ochre sea stars present
  • Population counts of other sea stars and chitons

• Marine Biotoxin Sampling:
  • Dee-lhat & met-'e sampling
  • Lat-nish tows

• Ethnographic Interviews & Archival Research
Indigenous Traditional Knowledge Database
• What is this?
• Why did we develop it?
• How can it be used?
### PLACE

**Chvt-le’sr-chvn-dvn (Chvt-le’sr-chvn-dvn)**

*Indigenous place name:* Chvt-le’sr-chvn-dvn

*Regional place name:* Chvt-le’sr-chvn-dvn

*Indigenous place meaning:* Village Capital of Chvt-le’sr-chvn-dvn Yth-n- at the Mouth of Peshlak River

**Names:**

- **Chvt-le’sr-chvn-dvn**
- **Chvt-le’sr-chvn-dvn**
- **Chvt-le’sr-chvn-dvn**

**Description:**

- **always-boiling**
- **Yth-n- at the Mouth of Peshlak River**

**Relationships:**

- **Chvt-le’sr-chvn-dvn**
- **Chvt-le’sr-chvn-dvn**

**Image:**

- A satellite image showing the location of Chvt-le’sr-chvn-dvn.

**Authors:**

- **H.B.**
- **H.B.**

**Dates:**

- **2019-01-11 2019**
- **2017-11-09 2017**

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<table>
<thead>
<tr>
<th>Name</th>
<th>Category</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>abalone</td>
<td>Resource</td>
<td>lhım-r</td>
</tr>
<tr>
<td>abalone. Black</td>
<td>Resource</td>
<td>lhım-r/kwa'-r</td>
</tr>
<tr>
<td>abalone. Pinto/Northern</td>
<td>Resource</td>
<td></td>
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<tr>
<td>abalone. Red</td>
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<td></td>
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<td>anchovy</td>
<td>Resource</td>
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<tr>
<td>anemone</td>
<td>Resource</td>
<td>du'u-ma</td>
</tr>
<tr>
<td>barnacle</td>
<td>Resource</td>
<td>ch'vî'h-n'v</td>
</tr>
<tr>
<td>birds</td>
<td>Resource</td>
<td>ch'vî:vish</td>
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<tr>
<td>chiton</td>
<td>Resource</td>
<td>ḫu:kw'ith'-u</td>
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<tr>
<td>chiton. gumboot</td>
<td>Resource</td>
<td>Mot-gaa chu</td>
</tr>
<tr>
<td>clam</td>
<td>Resource</td>
<td>ḥu'-she</td>
</tr>
<tr>
<td>clam. Butter</td>
<td>Resource</td>
<td></td>
</tr>
<tr>
<td>clam. Gooduck</td>
<td>Resource</td>
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<tr>
<td>clam. Manila</td>
<td>Resource</td>
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<tr>
<td>clam. Quahog</td>
<td>Resource</td>
<td>shak-shë</td>
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<tr>
<td>clam. Razor</td>
<td>Resource</td>
<td>met'-u</td>
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<tr>
<td>clam. Soft-shell/Mud</td>
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<tr>
<td>cod. ling</td>
<td>Resource</td>
<td>tee-hm'-ni</td>
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Results for search "No keyword search specified."
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<tr>
<td>abalone at was-yeh-s'äh (None - ceremonial)</td>
<td>Activity</td>
<td>Woman's ceremonial dress: Two piece apron of buckskin, back apron wide enough to go about waist and fasten in front, covered with small shells, nasket, usually 3 sizes, smallest at top, largest at bottom. Abalone shell pendants around bottom, front apron. shredded piece of buckskin decorated with shells, abalone. Sugar pine nuts and smaller seeds also used to ornament dresses, especially of top wealthy.</td>
</tr>
<tr>
<td>abalone at was-yeh-s'äh (None - ceremonial)</td>
<td>Activity</td>
<td>Pipe (a flut'), concave, tubular, of polished wood. Most straight bowl, sometimes Hardies, laid on stem. Carried in small skin sack, diameter of pipe but slightly longer, to hold tobacco in bottom. Man smoked in sweat house, when &quot;training&quot;, in sacred or dangerous places.</td>
</tr>
<tr>
<td>musket at mea-xwit'-ya (None - recreation)</td>
<td>Activity</td>
<td>Women's dice count(1), 2 large and 2 small mussel-shell disks. Picked up between hands, dropped on hide tied over acorn cooking basket; if pars had same side up, or all 4 come up same, won a counter; if not, passed dice. Play was for 10 counters. Groups of women played long sessions. Did not sing.</td>
</tr>
<tr>
<td>clam at None (None - barker)</td>
<td>Activity</td>
<td>Women's money (tla hais hiw'ah) included: shells for dance dress (ma'net), $10, $5, $3, half fathom, according to size. Round clamshell buttons, obtained in trade, $7, $5, $3, half fathom, according to size.</td>
</tr>
<tr>
<td>abalone at None (None - barker)</td>
<td>Activity</td>
<td>Woman's money (tla hais hiw'ah) included: Abalone shell pendants (La'vye'ty', le'calklik'it'x'a), prized. Few abalones found in Crescent bay, most obtained recently from white traders.</td>
</tr>
</tbody>
</table>
### Bibliographic Source

For the search "No keyword search specified."

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<thead>
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<th>Description</th>
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<tbody>
<tr>
<td>[Other] The Tolowa and their Southwestern Oregon Kin (1937)</td>
<td>Source</td>
<td></td>
</tr>
<tr>
<td>[Interview] Leonard James, Jr. (2014)</td>
<td>Source</td>
<td>Smell Interview</td>
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<tr>
<td>[Interview] Sheryl Suu-Dea-Chu Stainluck (2014)</td>
<td>Source</td>
<td>TWG Ethnographic interview for smell &amp; smell camp</td>
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<tr>
<td>[Interview] Vicki Bommelyn (2014)</td>
<td>Source</td>
<td>Ethnographic interview to discuss smell camps</td>
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<tr>
<td>[Interview] Mel Brooks (2014)</td>
<td>Source</td>
<td>Ethnographic Interview for TWG</td>
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<td>[Interview] Betty Brown (2014)</td>
<td>Source</td>
<td>Ethnographic interview on smell fishing</td>
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<td>[Interview] Sue Jocson (2014)</td>
<td>Source</td>
<td>Ethnographic Interviews</td>
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<td>[Interview] Adrienne Thomas (2014)</td>
<td>Source</td>
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MEDIA

- Document
- Audio
- Video
- Picture
Power is in the Relationships
How do we address concerns for confidentiality and data integrity?

• Project Level
• Interview Level
• Database Level
  • Tribal server
    • *Indigenous Traditional Knowledge Use Policy and Procedures (would like to develop)*
  • User Restrictions (admin, editor, reader)
• Marine Planning Level example – use data to inform management objectives of marine plan
Interested in learning more?

• Explore the demo (w/ “dummy” records)
  • http://tdntek.ecotrust.org/
  • Login: username “admin” password “admin”

• Connect with Developers
  • Megan Van Pelt, Natural Resources Director, Tolowa Dee-ni’ Nation
    megan.vanpelt@tolowa.com (707) 954-4775
  • Jon Bonkowski, GIS Director, Ecotrust jbonkoski@ecotrust.org (503) 467-0804

• Talk with us about installation potential
Harvest Title
Overview of Process (2015 – today)

• Reviewed Fish & Game law of other Tribes and the State of CA
• Almost 40 TDN community interviews and extensive archival research
• Extensive collaboration among several departments and committees
  • Marine Workgroup
  • Culture Committee (5x)
  • Fish & Game Committee (11x)
• Legal Counsel review and revisions
• TDN Citizens for 30-day comment period
• Approval & adoption by Tribal Council
Overview of Approach

• Tolowa Dee-ni’ specific
  • Culturally based management, stewardship and resolution

• Framework – other species can be added

• Current scope – surf smelt/night fish, razor clams, mussels, seaweed, surfperch and elk
Overview of Scope

• Jurisdiction
  • Tribally owned land
    • TDN Citizens, non-member Tribal Citizens, and can include others if obtain a license
    • Tribal aboriginal territory with co-management agreement with feds, states, and/or local jurisdiction
      • Same
  • Protocol vs. Regulation

• Judicial process
  • Harvest Hearing Commission
  • Lhee-wi’ and Ch'ee-i~sh
Conclusion...

- Monitoring
- Research/Interviews
- Traditional Knowledge
- Database

- All informs TDN policies, plans and laws to create a truly unique, culturally appropriate way of managing our resources.
Questions?

Shu’ shaa nin-la!
(Thank you!)