



USFWS-Tribal (Southern California)-BIA Coordination Meeting

September 29, 2016
Prado Dam Visitor Center
3001 West Pomona-Ricon Road, Corona, CA 91720

Welcome and Introductions

- Ken Corey, Assistant Field Supervisor, Palm Springs Fish and Wildlife Office (PSFWO)
- Chris Gregory, Biomonitor/Tribal Liaison (PSFWO)
- Alison Anderson, Entomologist/Tribal Liaison (CFWO)
- Anan Raymond (USFWS, Cultural Resources)
- Kurt Broz, Tribal Wildlife Biologist (Pala)
- John Kabashima (UC Agriculture and Natural Resources)

Contact Information

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- Chris Gregory: 760-322-2070, x412; chris_gregory@fws.gov
- Alison Anderson: 760-271-4167; alison_anderson@fws.gov
- Anan Raymond: 503-625-4377; anan_raymond@fws.gov
- Kurt Broz: 760-891-3550; kbroz@palatribe.com
- John Kabashima: 714-743-5271; jnkabashima@ucanr.edu

Agenda

- [Welcome and introductions](#) - Ken Corey, Assistant Field Supervisor, Palm Springs Fish and Wildlife Office (PSFWO)
- [Threatened and endangered species listing action update](#) - Alison Anderson, Carlsbad Fish and Wildlife Office (CFWO)
- [HCP funded by a Tribal Wildlife Grant; Tribal climate change adaptation plans](#) - Kurt Broz (Pala), Alison
- [Tribal Wildlife Grants update](#) - Chris Gregory (PSFWO)
- [Break?](#)
- [National Historic Preservation Act and how it affects Tribes](#) (recorded, with live Q&A) - Anan Raymond (USFWS)
- [Lightning round](#) (news you can use) - Chris and/or Alison
- [Other fish and wildlife resource management issues/concerns?](#) - Attendees
- [Burrowing owl research project](#) - Chris
- [Requests/suggestions for future meeting topics, speakers, dates, and locations](#) - Chris and/or Alison
- [Polyphagous shot hole borer beetle monitoring program and field training](#) - John Kabashima (UC Agriculture and Natural Resources)

Recent and Pending Listing Actions (CFWO, PSFWO, VFWO)

Species	Listing Action	Publication Date	Citation
Arroyo toad	Proposed rule; withdrawal of reclassification as threatened	December 23, 2015	80 FR 79805
California giant salamander	Not substantial 90-day finding (Bay-Delta FWO lead)	July 1, 2015	80 FR 37568
California spotted owl	Listing petition, rangewide (received December 22, 2014) Substantial 90-day petition finding (Sac FWO lead) 12-month listing status review underway (Sac FWO lead)	-- September 18, 2015 Expected FY 2019	-- 80 FR 56423
Coastal California gnatcatcher	Delisting petition (received April 12, 2010) Not substantial 90-day petition finding Delisting petition (received May 29, 2014) Substantial 90-day petition finding Not warranted 12-month finding	-- October 26, 2011 -- December 31, 2014 August 31, 2016	-- 76 FR 66255 -- 79 FR 78775 80 FR 59952
Colorado desert fringe-toed lizard	Listing petition (received July 11, 2012) Not substantial 90-day petition finding	January 12, 2016	81 FR 1368

Recent and Pending Listing Actions (CFWO, PSFWO, VFWO)

Species	Listing Action	Publication Date	Citation
Eureka Dune grass	Warranted 12 month petition finding; Proposed Delisting; Final rule underway	February 27, 2014 Expected FY 2017	79 FR 11053
Eureka Valley evening-primrose	Warranted 12 month petition finding; Proposed Delisting; Final rule underway	February 27, 2014 Expected FY 2017	79 FR 11053
Foothill yellow-legged frog	Substantial 90-day petition finding 12-month listing status review underway (Sac FWO lead)	July 1, 2015 Expected FY 2020	80 FR 37568
Hermes copper butterfly	Warranted but precluded 12-month petition finding Proposed listing rule/proposed critical habitat rule underway	April 14, 2011 Expected FY 2017	76 FR 20918
Hidden Lake bluecurls	Proposed rule; removal from Federal list of endangered or threatened	Expected FY 2017	
Inyo California towhee	12-month finding/proposed rule to delist; Draft post-delisting monitoring plan Final rule underway	November 4, 2013 Expected FY 2019	78 FR 65938

Recent and Pending Listing Actions (CFWO, PSFWO, VFWO)

Species	Listing Action	Publication Date	Citation
Inyo Mountains salamander	Substantial 90-day petition finding 12-month listing status review underway (Reno FWO lead)	September 18, 2015	80 FR 56423
Island fox	Proposed rule: Delisting of San Miguel Island fox and Santa Rosa Island fox; downlisting of Santa Catalina Island Fox Final rule published – Delisting San Miguel Island fox, Santa Rosa Island Fox, Santa Cruz Island fox and Downlisting of Santa Catalina Island fox to threatened	February 16, 2016	81 FR 7723
		August 12, 2016	81 FR 53315
Joshua tree	Listing petition (received September 29, 2015) Substantial 90-day petition finding 12-month listing status review underway	September 14, 2016 Expected FY 2018	81 FR 63160
Mohave shoulderband snail	Substantial 90-day petition finding 12-month listing status review underway	April 12, 2015 Expected FY 2017	80 FR 19259

Recent and Pending Listing Actions (CFWO, PSFWO, VFWO)

Species	Listing Action	Publication Date	Citation
Monarch butterfly	Listing petition (filed August 26, 2014) Substantial 90-day petition finding 12-month listing status review underway, Region 3 is the lead office	December 31, 2014	79 FR 78775
Nevares Spring naucorid bug	Removed as Candidate for Listing	October 8, 2015	80 FR 60834
North American wild horses (DPS)	Listing petition (received June 10, 2014) Not substantial 90-day finding	-- July 1, 2015	-- 80 FR 37568
Panamint alligator lizard	Substantial 90-day petition finding 12-month listing status review underway	September 18, 2015 Expected FY 2018	80 FR 56423
Riverside fairy shrimp	Final revised critical habitat Pending court ruling on critical habitat issue	December 4, 2012 --	77 FR 72070
San Bernardino flying squirrel	Listing petition (received August 25, 2010) Substantial 90-day petition finding Not warranted 12-month petition finding	-- February 1, 2012 April 5, 2016	-- 77 FR 4973 81 FR 19527

Recent and Pending Listing Actions (CFWO, PSFWO, VFWO)

Species	Listing Action	Publication Date	Citation
Sandstone night lizard	Listing petition (received July 11, 2012) Not substantial 90-day petition finding	January 12, 2016	81 FR 1368
Santa Ana sucker	Final revised critical habitat	December 14, 2010	75 FR 77962
	Recovery Outline completed March 2012	--	--
	Ruling by 9 th Circuit Court of Appeals re NEPA on Final Critical Habitat upheld (Certiorari denied by Supreme Court January 11, 2016) Notice of Availability for Draft Recovery Plan (comment period closed January 23, 2015) Final Recovery Plan	November 24, 2014 Expected FY 2017	79 FR 69880
Southwestern willow flycatcher (Region 2)	Final revised critical habitat	January 3, 2013	78 FR 344
	Delisting petition (received August 20, 2015) Substantial 90-day petition finding 12-month status review underway	March 16, 2016 Expected FY 2017	

Recent and Pending Listing Actions (CFWO, PSFWO, VFWO)

Species	Listing Action	Publication Date	Citation
Southern rubber boa	Substantial 90-day petition finding 12-month listing status review underway	September 18, 2015 Expected FY 2019	80 FR 56423
Stephens' kangaroo rat	Negative 12-month delisting petition finding Delisting petition (received November 7, 2014) Not substantial 90-day petition finding	August 19, 2010	75 FR 51204
		-- September 18, 2015	-- 80 FR 56423
Tidewater goby (Ventura)	Final revised critical habitat Proposed rule and 12-month finding; reclassification as threatened Final rule underway	February 6, 2013 March 13, 2014 Expected FY 2018	78 FR 8746 79 FR 14340
Tricolored blackbird	Substantial 90-day petition finding 12-month listing status review underway (Sac FWO lead) State of California currently evaluating for listing; public comment period open until June 6, 2016	September 18, 2015 Expected FY 2018	80 FR 56423

Recent and Pending Listing Actions (CFWO, PSFWO, VFWO)

Species	Listing Action	Publication Date	Citation
Western pond turtle	Substantial 90-day petition finding 12-month listing status review underway (Sac FWO lead)	April 12, 2015 Expected FY 2020	80 FR 19259
Western spadefoot toad	Substantial 90-day petition finding (Sac FWO lead); 12-month listing status review underway (Sac FWO lead)	July 1, 2015 Expected FY 2020	80 FR 37568
Yellow-billed cuckoo (western U.S. pop.) (Sacramento)	Proposed listing (distinct population segment); threatened Proposed listing; reopening of comment period Proposed listing; reopening of comment period Proposed critical habitat Final listing as threatened Proposed critical habitat (reopening of comment period) Revised proposed designation of critical habitat underway	October 3, 2013 December 26, 2013 April 10, 2014 August 15, 2014 October 3, 2014 November 12, 2014 Expected FY 2017	78 FR 61622 78 FR 78321 79 FR 19860 79 FR 48548 79 FR 59992 79 FR 67154

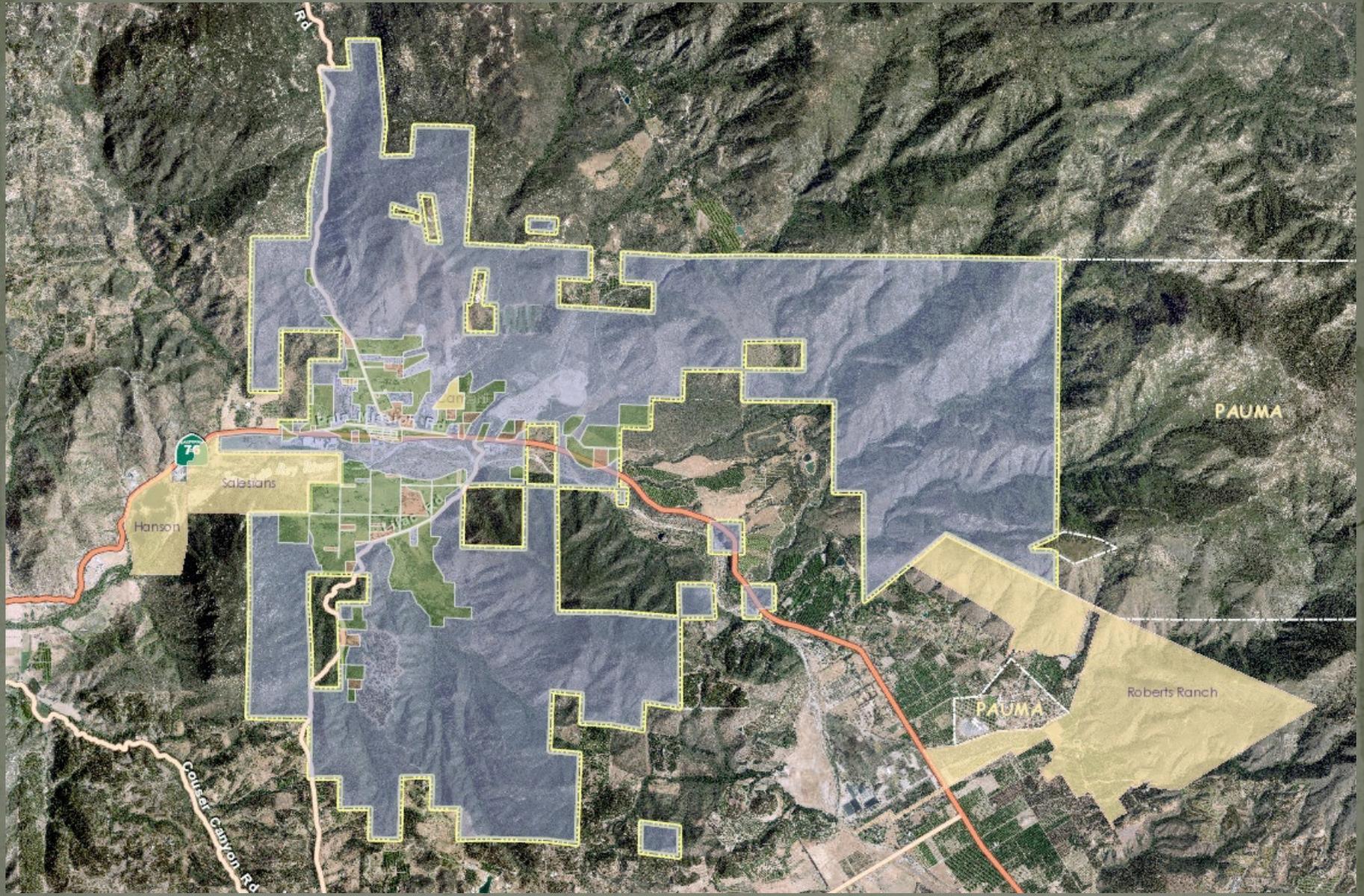
HCP funded by a Tribal Wildlife Grant;
Tribal climate change adaptation plans:
Kurt Broz, Alison

Building a Habitat Conservation Plan

Kurt Broz
Wildlife Biologist
Pala Band of Mission Indians

Tribal Needs

- Sovereignty
- Land use issues:
 - Housing
 - Agriculture
 - Business
- Management issues:
 - 13,000 acres of land
 - At least 4 threatened/endangered species
 - Several culturally important species
 - Varied habitat types:
 - Riparian
 - Chaparral
 - Oak Forest



PAUMA

Salesians

Hanson

Coles Canyon Rd

78

PAUMA

Roberts Ranch

Threatened / Endangered Species



Arroyo Toad



Least Bell's Vireo



Coastal California Gnatcatcher



Southwestern Willow Flycatcher

What is a Habitat Conservation Plan?

- Habitat Conservation Plan (HCP) – part of an incidental take permit
- Under the Endangered Species Act (ESA)
- Agreement between USFWS and the Tribe
- Useful management tool

A **Habitat Conservation Plan (HCP)** is a required part of an application for an [Incidental Take Permit](#), a permit issued under the United States [Endangered Species Act \(ESA\)](#) to private entities undertaking projects that might result in the destruction of an endangered or threatened species. It is a planning document that ensures that the anticipated take of a listed species will be minimized or mitigated by conserving the habitat upon which the species depend, thereby contributing to the recovery of the species as a whole.^[1]

*Wikipedia

Where to start?

- USFWS – Tribal Wildlife Grant
 - Up to \$200,000 per award
 - Useful for hiring biologists or training employees
 - Work directly with USFWS
 - Prevent incidents by acting on good faith
 - Great expert help
 - <http://www.fws.gov/nativeamerican/grants.html>

Where to start?

- Don't be afraid to build partnerships!
- Seek other grants to build off of Tribal Wildlife Grant
- Available data
- Available research
- Conservation or info on adjacent lands

Building Partnerships

- USFWS – Partners for Fish and Wildlife
- NRCS – Restoration grants, agricultural grants, expert assistance
- USGS – Experts, research
- Audubon Society – outreach, expert assistance
- California Native Plant Society (or your local equivalent) – outreach, education, expert assistance
- The Wildlife Society – education, expert assistance
- University Extensions – expert assistance, pest identification help
- APHIS – assistance with wildlife (like feral pigs)
- Local working groups
- State wildlife agencies
- Researchers

Covered activities

- Future construction and structural upkeep
 - New roads and improvements
 - Pipelines
 - Housing
 - Parking structures
 - Agricultural activities and expansions
 - Solar / wind

Your Natural Resources

- Baseline wildlife surveys
- Habitat mapping
- Rare habitats
- Wetlands
- Cultural concerns
- Hunting
- Fishing
- Forestry



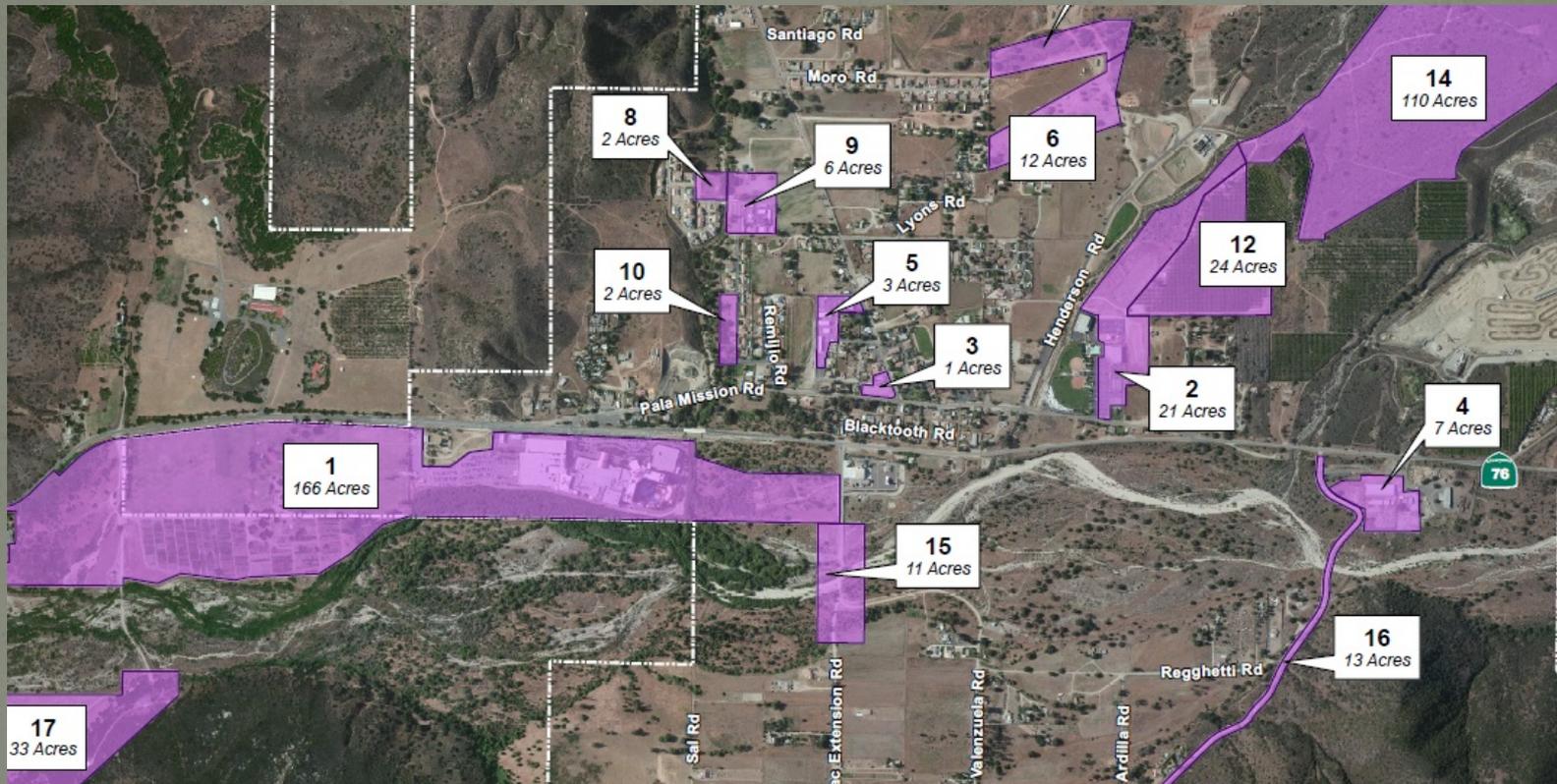
Techniques

- Consult USFWS for rules regarding survey
- Speak to researchers or wildlife workers
- The best methods give the best results
- Don't just focus on the protected species
- Suggested methods:
 - Wildlife cameras along trails
 - Point counts – birds
 - Netting/trapping – aquatics
 - Aerial maps and hiking – vegetation
 - Pitfall and light traps – invertebrates

Mapping

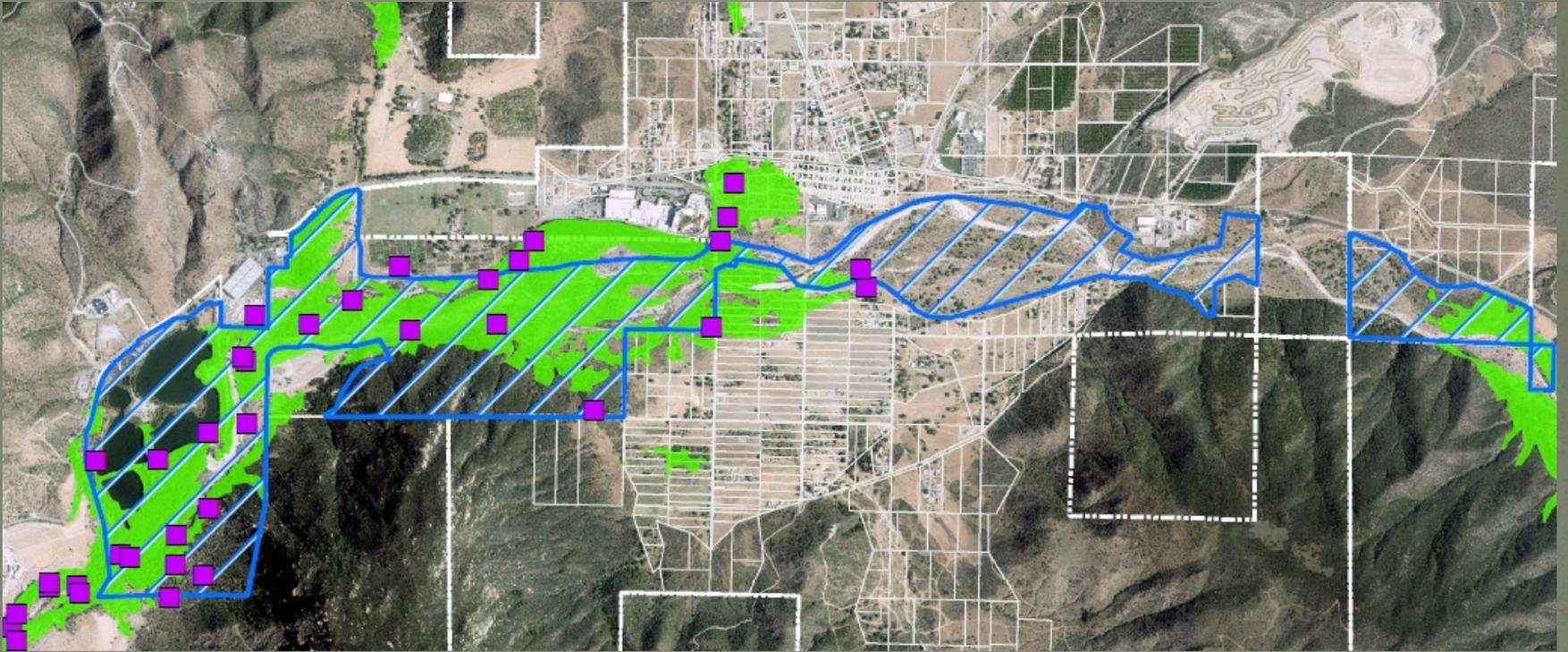
- Crucial tool for any HCP
- Helps to visualize your natural resources
- Helps when determining conservation lands
- Mapping
 - Species occurrences
 - Species habitat
 - Potential habitat
 - Land use
 - Wetlands
 - Wildlife corridors

Mapping



Areas of expected construction or improvement impacts.

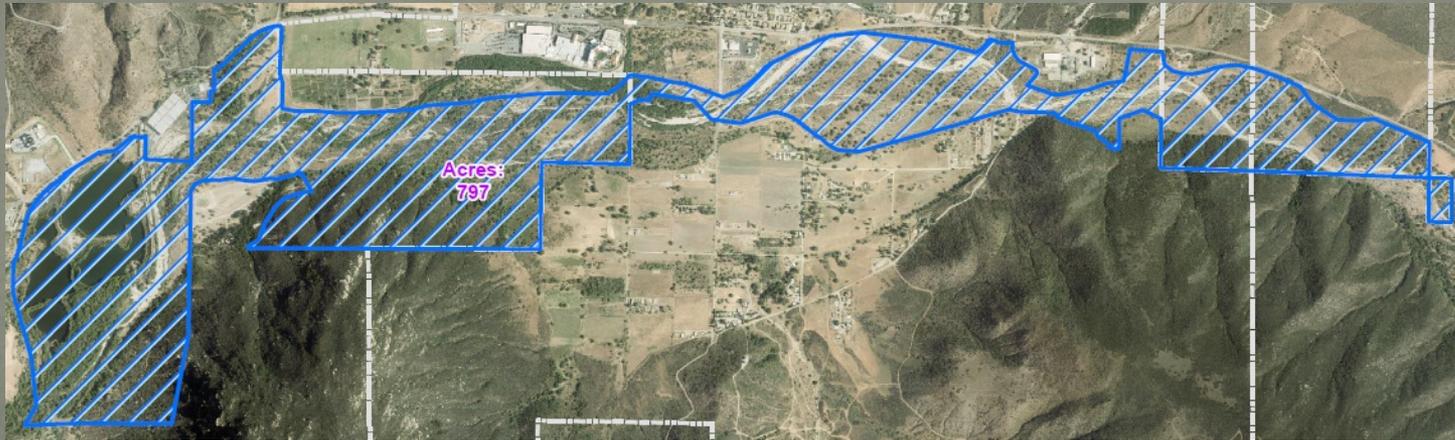
Mapping



Least Bell's vireo habitat with sightings.

Conservation Areas

- May be an issue – getting agreement
- Separate from mitigation areas
- Protect high-quality habitat
- Anticipate future construction needs
- Assume changes



Integration

- Consider an Integrated Natural Resource Management Plan or similar guide:
 - HCP
 - Species specific plans
 - Mitigation plans
 - Forest Management Plan
 - Cultural Resource Management Plan
 - Pest Management Plan
 - Development Plan
 - Wetland Management Plan

Springboard

- Habitat restoration
- Educational outreach
- Tribal capacity building
- Partnerships
- Make voices heard in environmental decisions
- Environmental health concerns



Useful in Legal Disputes

- Example: Landfills, mines, developments planned for sacred sites or ancestral homes?
 - Know your protected species.
 - Know endangered / threatened species locations.
 - Show strong land management practices.
 - Written SOPs for monitoring.



Pala Environmental Department - Think Globally, Act Tribally

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- (760) 891-3550
- <http://ped.palatribe.com/>
- www.facebook.com/PalaEnvironmentalDepartment



Climate Change Vulnerability Assessment and Planning





EFCWest.net

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EFCWest

Environmental Finance Center West

**Native American
Environmental Protection Coalition**



**THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL**



**PALA BAND OF
MISSION INDIANS**

Tribal Climate Change Project

Tribes in California

Southern Cal

- Pala
- La Jolla
- Los Coyotes
- Campo
- Santa Inez
- Pechanga

Northern Cal

- Bear River

Climate Vulnerability Assessment Process

Phase 1:
Preliminary Assessment

Phase 2:
Messaging and Outreach



Identify /map
natural, built
and social
resources

Risk
Scenarios
Vulnerability
Gaps

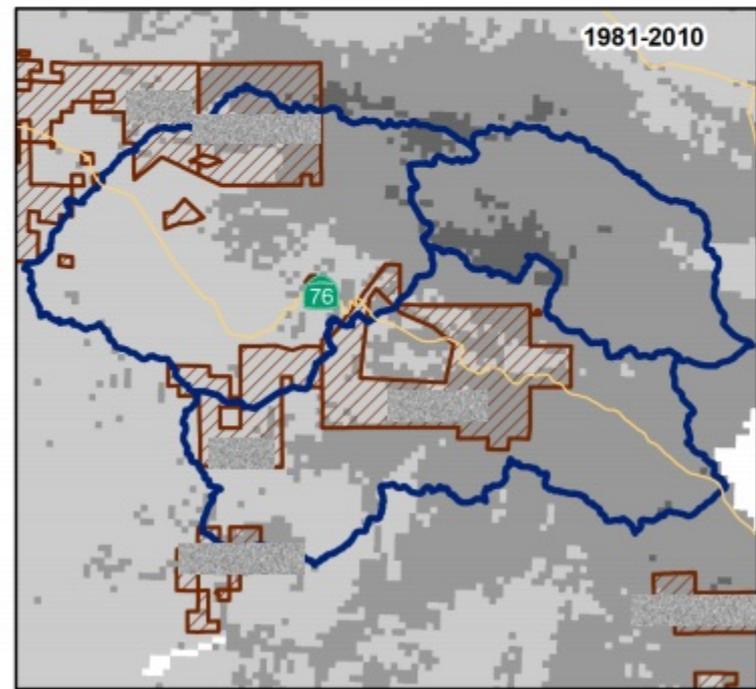
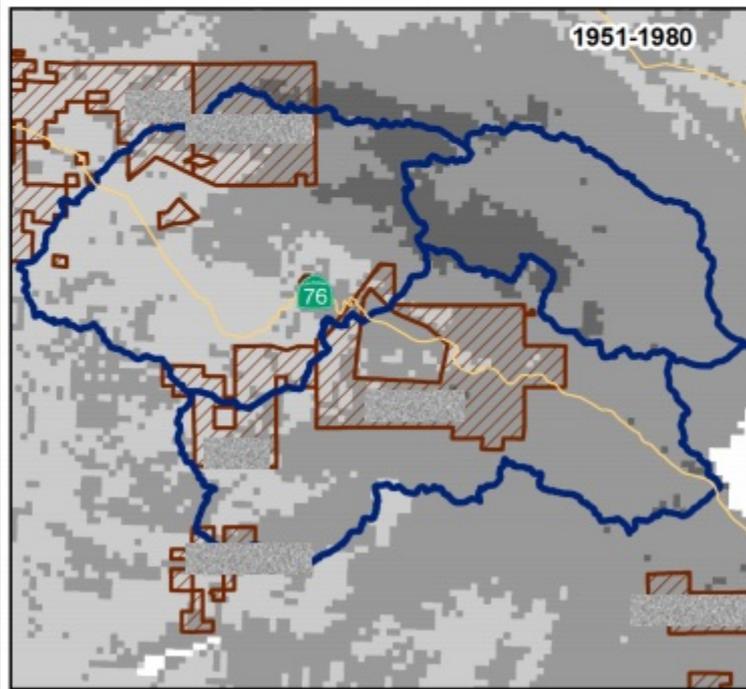
Multi-sector
Presentations
Establish
Climate
Team

Refine
Assessment
and Council
Presentation

Water Deficit Example

1951 - 1980

1981 - 2010



Messaging and Outreach



© Jason Jones

Tribal
Community



Tribal
Council



Busine

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Cultur
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Scien
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Messaging Perspectives

Tribal Wildlife Grants: 2016 Update

- 2014 (FY15) applications = 35
- 2015 (FY16) applications = 22
 - Five awarded...

Tribal Wildlife Grants: 2016 Update

- **Bear River Band Rohnerville Rancheria** (\$159,209). *Salt River Ecosystem Restoration Project*. The Bear River Band Rohnerville Rancheria will collaborate with local, state and federal partners to restore 2.2 miles of the Salt River and Francis Creek in California. Activities include reconnecting tributaries to the Eel River Estuary and revegetation of riparian forests and wetlands with native species. This project will benefit tidewater goby, anadromous fish, and Pacific lamprey.

Tribal Wildlife Grants: 2016 Update

- **Hoopa Valley Tribe** (\$200,000). *Potential Impacts of Trespass Marijuana Cultivation on Tribal and Public Lands to Fishers, Spotted Owls, Mountain Lions and the Forest Environment.* The goal of this project is to implement methods to determine the direct and indirect impacts of large scale illegal marijuana growing to the threatened northern spotted owl, Pacific fisher and mountain lion prey on public and tribal lands of northern Humboldt County, California. The Tribe will assess environmental impacts, test wildlife exposure to anticoagulant rodenticides, and remediate and restore habitat at abandoned marijuana cultivation sites.

Tribal Wildlife Grants: 2016 Update

- **Washoe Tribe of Nevada and California** (\$50,000). *Meeks Meadow Restoration*. The goal of this project is to restore biological diversity and ecological meadow process and functions to approximately 300 acres of Meeks Meadow in the Sierra Nevada of California. Activities include conifer removal through vegetative treatments and prescribed fire. The Meeks Meadow Restoration project will allow the Washoe Tribe to actively manage aboriginal lands in a historical and cultural manner.

Tribal Wildlife Grants: 2016 Update

- **Summit Lake Paiute Tribe (\$200,000).** *A Strategy to Promote Conservation of Greater Sage Grouse on Homelands of the Summit Lake Paiute Tribe, Northwestern Nevada.* The goal of this project is to conduct a sage grouse population and telemetry study with the aim of protecting sage grouse habitat on the Summit Lake Paiute Reservation. The secondary goal of this project is outreach and education of Tribal members on seed collection and radio telemetry techniques and developing additional partnerships within the scientific community.

Tribal Wildlife Grants: 2016 Update

- **The Klamath Tribes** (\$200,000). *Klamath Reservation Forest Habitat Restoration and Ecosystem Resiliency Project: Phase 2*. This project involves the planning and implementation to restore forest complexity and wildlife habitat on over 25,000 acres of forest lands in the upper Klamath Basin. This project will restore habitat for the culturally important mule deer species and support a Tribal ecosystem workforce that employs 20 individuals.

Tribal Wildlife Grants: 2016 Update

- 2014 (FY15) applications = 35
- 2015 (FY16) applications = 22 (5 awarded)
 - Five awarded
 - Four in northern California, 1 in northern Nevada
 - \$809,209 total (average \approx \sim \$162,000)
- 2016 (FY17) applications = 14
- 2017 (FY18) applications = ?
 - Please start planning now for 2017 submission

Break?

Rule #5 Take Breaks



National Historic Preservation Act and how it affects Tribes: Anan Raymond

Post-meeting edit: recording of Anan's Wednesday talk was not successful and attendees did not have any questions for Anan on Thursday. We will try to reschedule an in-person presentation from Anan at a future meeting.

Lightning Round

- We try to email Tribes whenever we have news items/announcements which may be of interest to you
- Many of these you may have already seen
- New items, along with previous items of particular interest or with upcoming deadlines, are presented here

Lightning Round

- **Wetland Program Development Grants**
Funding Opportunity
 - EPA solicited proposals (were due April 29, 2016) from eligible applicants to build or refine state/tribal/local government wetland programs
 - For details of the grant, and to help plan for the 2017 announcement, please see the funding announcement page (<http://www.grants.gov/web/grants/view-opportunity.html?oppld=282225>)

Lightning Round

- Federal Agencies **Propose Revisions to Candidate Conservation Agreements with Assurances Policy** under the Endangered Species Act. Comments were due by July 5, 2016. For more information:

<https://www.fws.gov/endangered/improving ESA/ccaa.html>

Lightning Round

- The U.S. Fish and Wildlife Service and National Marine Fisheries Service (The Services) have released a **draft update to the Habitat Conservation Planning Handbook** (HCP Handbook). The new, draft revision of the joint HCP Handbook is intended to be more streamlined and user-friendly. It follows the HCP process from start to finish and incorporates feedback we have received about the program. We encourage all of our partners to review the proposed revisions and provide comments. Comments and information will be accepted until August 29, 2016.
- Following is a link to the draft revised HCP Handbook - https://www.fws.gov/endangered/esa-library/pdf/HCP_Handbook-Draft.pdf
- Following is a link to the Federal Register notice announcing availability of the proposed revisions to the HCP Handbook - <https://www.regulations.gov/document?D=FWS-HQ-ES-2016-0004-0001>

Lightning Round

- The **Tribal Pesticide Program Council (TPPC)** will meet on October 4-5, 2016, from 8:30 a.m. to 5:00 p.m., Pacific Standard Time in Pauma Valley, California. Tentative agenda topics include a discussion on the status of pesticides in Indian country; updates on regional tribal activities; and discussions on the following:
 - Draft policy aimed to reduce acute risk to pollinators;
 - Needs assessment to support worker protection efforts;
 - Potential risks posed by inert ingredients in pesticide applications to California tribes; and,
 - Cultural plant identification and weed control.
- The TPPC is a tribal technical resource and a program and policy development dialogue group focused on pesticide issues and concerns. It is composed of authorized representatives from federally recognized tribes, Indian nations and intertribal organizations.
- The two-day meeting is being hosted by the Pauma Band of Luiseño Indians, and will be held at the Pauma Tribal Hall located at 10101 Reservation Road, Pauma Valley, California. Advance registration is required by September 26, 2016, using this link: <http://extensioninfo.ucdavis.edu/tppc/register/>
- For more information about the meeting, contact: Cindy Wire (EPA's OPP Tribal Coordinator) at wire.cindy@epa.gov, (415) 947-4242; or Suzanne Forsyth (TPPC Administrator), UC Davis Extension, at spforsyth@ucdavis.edu, (530) 757-8603.
- For more information about the TPPC, visit <http://tppcwebsite.org/>

Lightning Round

- Multiple in-person and one on-line **USA-Tribal infrastructure consultation** sessions will take place in October and November 2016. The first (listening) session is in Phoenix on October 11, 2016. Please visit the following link for more information:
http://www.eenews.net/assets/2016/09/23/document_pm_02.pdf
- **Intertribal Nursery Conference** is being held in Buffalo, NY, from October 12-13, 2016: <http://nnp.rngr.net/inc>

Lightning Round

- Endangered and Threatened Wildlife and Plants; Endangered Species Act Compensatory Mitigation Policy
- ACTION: Announcement of draft policy; request for public comment.
- SUMMARY: We, the U.S. Fish and Wildlife Service, announce the **draft Endangered Species Act (ESA) Compensatory Mitigation Policy**. The draft new policy is needed to implement recent Executive Office and Department of the Interior mitigation policies that necessitate a shift from project-by project to landscape-scale approaches to planning and implementing compensatory mitigation.
- Comments are being accepted through October 17, 2016.
- <https://www.gpo.gov/fdsys/pkg/FR-2016-09-02/pdf/2016-20757.pdf>

Lightning Round

- **Historic Preservation Act Section 106 (NHPA) training** will be offered in Oakland, CA 18-19 October 2016.
- The course will provide a better understanding of NHPA and the 1997 Programmatic Agreement. Given the multiple regulatory requirements applicable during an oil spill or other "federal action" it is good to be as well informed of all aspects of this and other requirements (ie ESA7).
- FIRST COME/FIRST SERVED Enrollment is limited to thirty (30) persons. If you wish to attend, please email Dr. Koski-Karell WITH CC to Kebby Kelley (PSFWO: no contact information given) for a course registration form (attached). Course Funding: CG-47 will provide travel orders and pay travel/lodging/per diem for up to (10) USCG attendees.
- Daniel Koski-Karell, Ph.D.
- Office of Environmental Management
- COMDT CG-47
- U.S. Coast Guard Headquarters
- U.S. Department of Homeland Security
- Email: daniel.a.koski-karell@uscg.mil
- Telephone: 202.475.5683
- Fax Number: 202.372.8408
- Mail address:
- COMMANDANT (CG-47)
- ATTN: OFFICE OF ENVIRONMENTAL MANAGEMENT US COAST GUARD STOP-7714
- 2703 MARTIN LUTHER KING JR AVE SE
- WASHINGTON DC 20593-7714

Lightning Round

- **Inter-tribal Climate Adaptation Leadership Summit** took place on September 16, 2016. A draft plan is scheduled to be completed by November 10, 2016. Please visit the following link for more information: <http://www.californialcc.org/events/inter-tribal-climate-adaptation-leadership-summit>
- The USFWS has **updated the petition process** for listing, delisting, or reclassifying species. Please visit the following links for more information about this, and other, **regulatory reforms**:
 - <https://www.federalregister.gov/documents/2016/09/27/2016-23003/endangered-and-threatened-wildlife-and-plants-revisions-to-the-regulations-for-petitions>
 - https://www.fws.gov/endangered/improving_esa/reg_reform.html

Lightning Round

- **Tribes and Clean Water Act.** Indian tribes, by the nature of their existence, have the authority to oversee Clean Water Act regulations within their reservations, according to a U.S. Environmental Protection Agency legal interpretation. The ruling makes it easier for tribes to take control of regulatory programs within their borders.
(<https://www.federalregister.gov/documents/2016/05/16/2016-11511/revise-interpretaion-of-clean-water-act-tribal-provision>)

Lightning Round

- **National Conservation Training Center training** (<https://training.fws.gov/>)
 - Migratory Bird Conservation for Federal Partners
(<https://training.fws.gov/NCTCWeb/catalog/CourseDetail.aspx?CourseCodeLong=FWS-CSP2108>)
 - Inland Oil Spill Response for DOI
(<https://training.fws.gov/NCTCWeb/catalog/CourseDetail.aspx?CourseCodeLong=FWS-CSP3129>)
 - Natural Resource Damage Assessment & Restoration (NRDAR)
(<https://training.fws.gov/NCTCWeb/catalog/CourseDetail.aspx?CourseCodeLong=FWS-CSP3111>)
 - Skill Building for NRDAR Practitioners
(<https://training.fws.gov/NCTCWeb/catalog/CourseDetail.aspx?CourseCodeLong=FWS-CSP3177>)
 - Tribal Trust Training
(<https://training.fws.gov/NCTCWeb/catalog/CourseDetail.aspx?CourseCodeLong=FWS-CLM3179>)
 - Cultural Resources Overview (Distance Learning)
(<https://training.fws.gov/NCTCWeb/catalog/CourseDetail.aspx?CourseCodeLong=FWS-CLM2117DL>)
 - Avian Health and Field Investigations
(<https://training.fws.gov/NCTCWeb/catalog/CourseDetail.aspx?CourseCodeLong=FWS-CSP3172>)

Lightning Round

- **Tribal Science Webinar Series, STAR Tribal Grants:** <https://www.epa.gov/research-grants/research-grants-events>
- Blue Lake Rancheria Tribe Microgrid: for inspiration on **tribal renewable energy** (and beyond), check out this case study. (<http://eecoordinator.info/case-study-and-video-blue-lake-rancheria-microgrid/>)

Other fish and wildlife resource management issues/concerns?



Burrowing Owl Research Project

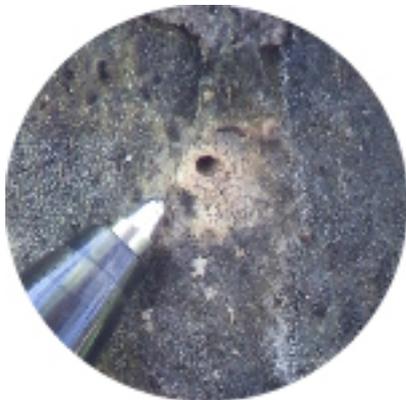
Post-meeting edit: due to low attendance for this meeting, discussion of this project was deferred until the next Tribal meeting and/or 1-on-1 meetings with individual Tribes. In the meantime, if you have any burrowing owls slated to be affected by development, or if you have burrowing owl-appropriate habitat which is safe from public access (in order to erect a hacking cage for 30 days), please contact Chris Gregory (contact information at the beginning of this presentation). Thank you!

Wrap-up

- Feedback on coordination (more, less, other types; pre-scheduled vs. drop-in meetings)
- Migratory Bird office hopefully will join us for the next meeting. Do you have any MB topics of interest that you would like to see presented?
- Please let us know about any Tribal Earth Day (or other events/meetings) - we will try to attend
- Requests/suggestions for future meeting topics, speakers, dates, and locations?
- If desire extra time, any interest in lunch after the PSHB field trip?

Polyphagous shot hole borer beetle monitoring program and field training

- Visit one or two field sites today? If one site, can everyone make it to our alternate site (~20 minute drive but more damage to see)?





The End

Thank you for your time and participation!