

100th Meridian - Columbia River Basin Group
Meeting – November 8, 2005
Held at the offices of Pacific States Marine Fisheries Commission
Portland, Oregon

Attending:

David Bergendorf, USFWS, Stockton, CA
Sam Chan, OSU, Oregon City, OR
Robyn Draheim, PSU, Portland, OR
Jill Hardiman, USGS, Cook, WA
Paul Heimowitz, USFWS, Portland, OR
Jeffrey Herod, USFWS, Stockton, CA
Jim Irish, BPA, Portland, OR
Pamala Meacham, WDFW, Olympia, WA
Lonnie Mettler, USACE, Portland, OR
Blaine Parker, CRITFC, Portland, OR
Fred Partridge, IDFG, Boise, ID
Stephen Phillips, PSMFC, Portland, OR
Eileen Ryce, MFWP, Great Falls, MT
Jyll Smith, OSMB, Salem, OR
Mark Sytsma, PSU/ESR, Portland, OR
Scott Wiedemer, OSU, Oregon City, OR
Sylvia Yamada, OSU, Corvallis, OR
Bill Zook, PSMFC, Olympia, WA

Comments & Approval of June Meeting Minutes:

Minutes can be reviewed on the 100th Meridian website

Individual Agency Updates:

Eileen Ryce –

- Discussed the mystery jar of zebra mussels (dead) found at Jordon, Montana (Fort Peck Reservoir). No ZMs' found to date in Fort Peck.

Fred Partridge –

- IDFG has hired a new fisheries coordinator. Fred will continue with the ANS duties
- Eurasian Milfoil task force wrapping up and will be sending out their issue paper soon.
- Anticipates Idaho will have their nuisance species plan completed by April 2006

Lonnie Mettler –

- Lonnie is the Corps ANS contact and coordinator for the Northwestern Division. Lonnie works with Tim Darland and Rock Peters.

Robyn Draheim –

- Most ANS access signs and brochures have been distributed.
- NZ mudsnail “infested area” sign has been developed.
- NZ mudsnail discovered in the Deschutes by citizen who called the national ANS reporting hotline (USGS), news release followed on sighting, news release received good coverage.
- PSU CLR wrapping up field season.

Paul Heimowitz –

- Organized ANS sessions for recent NASBLA and PNW Native American F&W Society conferences.
- Outreach van (that includes ANS materials) has been traveling around to different functions.
- Yellowstone specific plan on Stop Aquatic Hitchhikers being developed to target flyfishers.

Blaine Parker –

- Discussed potential for spread of ANS via dredging of Ice Harbor and Lower Monumental.

Sam Chan –

- Awareness poster for schools
- Brochure designed for school science teachers and students (specific to Pacific Northwest). Written by Paul, Robyn and Sam – still in draft, possibly out for review in another week.

Scott Wiedemer -

- Can dry ice effectively eradicate Mudsnaails from field gear – experiment (power point and examples)? Group had several questions and suggestions.

Pamala Meacham –

- *Spartina* in Willapa Bay has been reduced by 50% in the past two years. Total or near total eradication maybe in 5 years.
- Zebra mussel sampling just finished.
- Have made some strides in removing milfoil.
- University of Washington doing some education for divers on the tunicate *Styela clava*. Found in four marinas. It is now a prohibited species. Does not spread naturally as larvae are not viable for a “long” period.

Jyll Smith –

- Sustainable boating campaign workshops held.
- Survey they conducted showed low knowledge (10%) level regarding ANS among boaters.
- They are developing information cards and will be ‘kicking off’ their new items at the

Portland Boat Show

Blaine asked if it would be possible to add a section on Invasive Species to the boating license test.

Jill Hardiman –

- Discussed different projects they are working on, or could assist with, potentially milfoil predictive modeling.

Blaine Parker –

- Warm Springs Tribe interested in New Zealand mudsnail monitoring.

David Bergendorf –

- National *Caulerpa* management plan approved by ANS Task Force.
- New website on *Caluerpa* coming soon
- Funding PSU to monitor for mitten crab in Puget Sound and Coos Bay.
- University of Nevada at Reno is undertaking an assessment of angler awareness, contamination risk, and economic implications of a New Zealand mud snail infestation of the Truckee / Carson / Walker watersheds. PSMFC is acting as contractor.

Mary Pfauth –

- *Spartina* found this summer in two places in Coos Bay (one-two dozen plants)
 - Single plant found in the Siuslaw River estuary
- New Zealand Mudsnail sighting in the Rogue River.

Mark Sytsma –

- Town Hall meeting November 7th - spoke on aquatics
- *Spartina* drift card survey – card traveled from San Francisco Bay to Kodiak Island, Alaska.

Jeff Herod –

- San Francisco Bay-Delta survey is being conducted to establish what species are there; with a follow-up in 3-5 years to see what has been introduced.
- Pilot study on zebra mussel veliger (non-PSU) and substrate (PSU) monitoring in the San Francisco Bay-Delta is ongoing or in the planning stages for 2006. .

Bill Zook –

- Watercraft Inspector Training (WIT)
 - Delivered first presentation in Idaho recently and will be making some changes to the program due to ‘lessons learned’ and audience feedback.
 - Will be ready for next year’s boating season

Sylvia Yamada

- Graduate student is mapping *Zostera japonica* in three Oregon bays
- Presentation (power point) on green crab monitoring program in Oregon, and more

recently Washington. This effort is funded by the PSMFC.

Zebra Mussel Monitoring – Conference call with David Britton –

There was much discussion on the on-line 100th Meridian Initiative monitoring database. A monitoring map is under construction. David would appreciate feedback on the website and links. Several tasks were identified with the goal in-mind goal of having a western-US coordinated zebra mussel monitoring database housed at the 100th Meridian website.

Rapid Response Plan – Zebra Mussels –

Rapid Response Plan for the Columbia River Basin report to be completed by Mike Fraidenberg by November 30th. Document should have overview of steps to take, techniques available and permits needed. Additional work on this is planned.

State of Washington's rapid response plan has now gone to the director of the Department of Fish and Wildlife for review, and then to be taken forward to all state and federal agencies. They are hoping for a letter of agreement on the plan amongst state agencies.

Highway Outreach Proposal – Bill Zook

Bill presented a power point presentation on highway signs (similar to the old Burma Shave signs) for ANS education. Group reaction to this was positive.

100th Meridian Initiative beyond the Lewis and Clark– What do we want to accomplish in the next two years?

David handed out four questions on what individuals/agencies see as upcoming priorities. He will develop his notes into a document and send out to group. Much discussion followed.

Angler movement, ANS info sources, and boat inspection data – Eileen Ryce

Eileen presented a power point on Montana's boat inspection and angler survey process. They setup at sites where water is available for pressure washer, should they need to clean off a boat. In 2005, Montana had boaters from 33 states and 2 Canadian Provinces.

Marina Partnership – Bill Zook

Bill updated the group on his marina outreach activities in the Missouri and Columbia

River Basins. “Basin Watch” newsletters will be sent to said basin constituents in 2006.

Columbia Basin ANS “field guide” – Paul Heimowitz

Paul distributed the latest draft outline and invited any final input before the group begins to draft the actual booklet.

Miscellaneous -

The next national meeting of the 100th Meridian initiative will be January 17-18 in Las Vegas, Nevada.

NEXT MEETING

The next meeting of the Columbia River Basin Group is scheduled for February 15, 2006 in Portland, Oregon.

**Columbia River ANS Work Group
Follow-up Tasks - 11/08/2005 Meeting**

- 1) Robyn/Lonnie/Blaine will follow through on dredging in the Snake River and ANS.
- 2) Watercraft Inspection Program Video Advisory Committee-- Bill (lead), Paul, David B., Sam, Pam, Blaine.
- 3) PSMFC will contract with Videoland Productions for the WIT video (BPA/EPA funded).
- 4) Mary and Pam will work on Kevin Aitkin's database and determine who is active, who is also on the substrate list, who is sampling veligers etc. Following or during this process, they will contact David Britton on each agencies role in updating and coordinating the database.
- 5) David Bergendorf will coordinate with California to get their monitoring data into the coordinated on-line monitoring database.
- 6) Bill and Eileen will work on "Burma Shave" ANS sign concept and logistics, Paul will look into Oregon Dept. of Ag on their sign campaign.
- 7) Bill will finish the "Marina Watch" report by years end.
- 8) David Bergendorf will develop post Lewis and Clark -- 100th Meridian priority task list.
- 9) Paul is accepting comments on ANS "Field Guide."
- 10) Contact Sam with any comments on the Sea Grant educational information packet.
- 11) David Britton was going to check with all the western states to see who is doing veliger sampling and advise them of the information needed for the coordinated On-line monitoring database.