



CALYPSO CHAPTER
Coeur d'Alene, Idaho

Calypso Companion

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The Calypso Chapter of the Idaho Native Plant Society meets on the first Wednesday of March, April, May and October. The Chapter schedules field trips during the spring, summer, and fall. The Calypso Chapter of the INPS was founded in 1991. We continue our efforts in promoting interest in native plants and native plant communities, collecting and sharing information on all phases of botany concerning this flora. Membership is open to all interested in the native plant community.

Next Meeting

The next meeting is **Wednesday October 5, 2016**, at 7:00 p.m. at the **Idaho Fish and Game Building** at 2885 W Kathleen, Coeur d'Alene, directly across from US Forest Service Nursery on the west end of Kathleen near Atlas Road.

DUES ARE DUE for 2017.

Agenda

Business meeting

Minutes from last meeting

Treasurer's report

Old business

New business

Program: "Propagation of Native Plants: Unblocking Nature's Secrets" by Bob Wilson of the Cedar Mountain Perennials nursery in Athol.

Calypso Chapter Meeting Notes of May 4, 2016 Derek opened the meeting with a discussion of the INPS Annual meeting which the Calypso chapter will be sponsoring in 2018. Author Jack Nesbit who has written several books on early exploration of the NW was suggested to be a keynote speaker. Hikes this summer will be researched such as Revette Lake and Stevens Peak. Janet mentioned the Kootenai Co Extension office will be offering classes this summer.

Derek invited the group to his cabin for a potluck/water craft outing in July. Other hikes were suggested such as Beehive and Roman Nose Lakes in the Selkirks Mountains. Our hike to Revett Lake was set for July 9th. Bob Wilson of Cedar Mt Perennials out of Athol will present the October program. Karen discussed the featured plant a mint. The group viewed video of the Earth Day Event and our Calypso chapter booth. Next the Clark Fork project was updated by Derek.

The 1200-foot deep Pend'Oreille Lake and River was dammed at Albini Falls. Much land has been lost through erosion as a result. The reservoir at Cabinet Gorge is trapping silt and starving the Clark Fork River delta of soil. The lake level was raised. Before the dams the wetlands were recharged. Vegetation no longer exists to reduce erosion. Photos showed the before and after results of the dams sites. 10 acres of land per year were being lost. Mudflats took up the area of the site, the majority with no protection from wave action. Recreationist do want the water at a certain level for boating and dock levels which must be considered. Rebar posts were used to gage erosion. Invasive reed canary reed grass was the existing monoculture at 80% which cannot be flooded or shaded out. The solution was to restore the wetland and reduce erosion. The goal was to remove reed canary grass and introduce native plants to the site.

Units and Timelines: Phase # 1 A floating bridge was built and used to access the work area. Culverts were installed and a gravel road built to the island. A borrow pit was used to get 50,000 tons of fill material for building a peninsula, 50,000 willow poles/red osier dogwood, harvested 300 wood posts, and rock. Some metal mining contaminates were found and could not be used. Approximately 40 acres have been restored/built. Island habitats have been created. Now ponds exist. Close to a ton of hydro seed. Bare root stock 72, 000 emergent plants, including cat tails and sedges. Fill was hydro seeded. Emergent plugs were placed along the shoreline. Derek showed results of a trial project on the Pack River where rip rap

was opened up, poles inserted and re-covered. 26,000 woody plants have also been planted. The project has involved hundreds of volunteers, including Clark Fork and Sandpoint students, master naturalists and 3 crews of 11 student work cores who also provided labor. Moonscape was converted to good habitat. Denny Dodds of Plants of the Wild and another F&G employee assisted in the planting. Many plant species were used including alder, rocky mt. maple, western Larch, spruce, spirea, red osier dogwood and many willow. Diversity was a priority. Hydro seeding included lots of different species; yarrow, pearly everlasting, slender wheat grass, lupine, and goldenrod. Some annual weeds did appear. The project is being paid for by Bonneville Power and Avista Corp. You are contributing when you pay your power bill. Existing pools will be recharged by seepage and rainwater. One more major effort is planned. A possible tour of the area was discussed. The dam was put in about 1951 and operational in 1955. Dams do cause problems for migratory fish, and change the dynamics of the river. For further information see the website, "Clarkforkdelta.org". Meet at Walgreens Saturday for the next field trip.



Karen Williams Secretary

2016 Field Trips



Ready to Hike

Saturday April 16-Blue Creek Trail

A spring hike is just what we needed to shake off old man winter. We encountered interesting fungi and early wildflowers along a 2 mile BLM trail East of Coeur d'Alene.



Horn Cladonia
1



Lovely Lily



Horn of Plenty?



Gnome Encounter

Revett Lake Field Trip July 23, 2016

Seven plant enthusiasts made the 2-mile trek up to Revette Lake on a partly cloudy late morning. The trail gently leads up through pine and hemlock and has several stream crossings to make for a diverse habitat. Immediately apparent and enjoyed where the many small huckleberries ripening along the route. Favorites along the way were pyrolas, spireas, fool's huckleberry, penstemons, pine drops, striped coral root, licorice root, and American rockbreak along the talus parts of the trail. My favorites were the mountain holly fern and pyrola (wintergreen). The threat of rain did not materialize and we enjoyed sunshine with our lunch at the lake. This is a popular doable hike for families and even smaller children were encountered. We made a detour to investigate Bumblebee campground as a possible campsite for the 2018 annual meeting. Some of the group stopped for refreshment at Enaville.



Saturday July 30th Hayden Lake Potluck/Kayak/Canoe

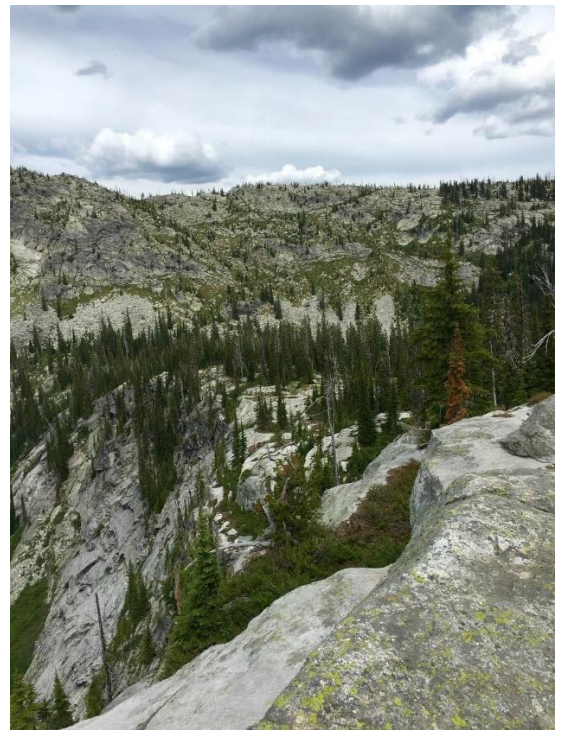
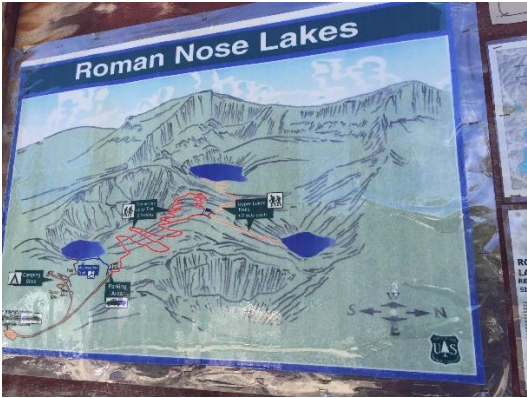
Windy weather made for a challenging watercraft adventure.

Derek collected a few aquatics for us as it was too windy to do an onsite trip. We learned the difference between native and non-native milfoil which is threatening our lakes. Ellie inspects coontail, *Ceratophyllum demersum*.



Roman Nose, August 13, 2016

The group car pooled to the Lake trails enjoyed a sunny day and many plant species, including native St. John's Wort-*Hypericum scouleri*, Elephant Head-*Pedicularis groenlandica* in the Figwort Family, and Cotton grass-genus *Eriophorum*. Marlene's photos.



Featured Plant for October-Mountain Holly Fern-*Poystichum lonchitis*-Family Dryopteridaceae

General: a perennial forb with close clusters of leaves from a stout, chaffy rhizome

Leaves: sterile and fertile leaves alike, shiny, evergreen and leathery on short stalks, narrow linear blades, pinnately divided into many pointed leaflets with sharp spine-like teeth

Sori: large and circular, in 2 rows on underside of leaflets which is partly covered by a large, toothed indusium

Notes: these ferns are difficult to grow, uncommon and are best left in the wild



Karen Williams