



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.

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### **Next Meeting**

The next meeting is **Wednesday October 4, 2017** (later changed to Nov. 8) 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 Avenue near Atlas Road.

**DUES ARE DUE for 2018.**

### **Agenda**

Business meeting

Minutes from last meeting

Treasurer's report

Old business

New business

**Upcoming Calypso Chapter Events:** wed. Oct. 4, Calypso Chapter Meeting 7PM, Idaho Fish and Game Office, 2885 W Kathleen Ave, Coeur d'Alene. Presentation: "Forest Types of the Pacific Northwest". By Derek Antonelli.

**Meeting Notes of May 3, 2017** The 7 pm Calypso Chapter meeting was opened by President Derek Antonelli. Treasurer Janet Benoit reported a checking account balance of \$1,072. 43. The group discussed next year's INPS Annual Meeting as our chapter will host. Bumble Bee Campground has a group campsite with a 100 person capacity and there are several nearby trails for field trips. Historian Jack Nesbit was mentioned as a guest speaker at a cost of \$500. Catering possibilities and other accommodation options need to be researched for the June gathering.

**Upcoming Field Trips:** May 7, Q'emiln Park-10am, May 13-Antoine Peak Conservation Area, May 19-Cedar Mt. Perennials Tour, June rare plant survey with Master Naturalists at U of I property in Sandpoint, June 17, CDA River/Graham creek-June 22, 5pm, Rapid Lightning Creek NMA, June 22-24, Water Life Discovery Center Open House learning how to identify your plant, July- possible coal Creek, July 8-Antoine Peak Survey, August 10 -9am Trestle Creek with Master Naturalists-Gem or Moose Lake, October 4 Meeting-Forest Types presentation.

The group discussed the featured plant for May-Devil's Matchstick- *Pilophorus acicularis*, a rare lichen in Idaho. Part of the discussion pertained to the plant distinction of being a coastal disjunct and how it came to exist in Idaho. Next Derek Antonelli presented,

**"Hager Lake: A Rare Idaho Peatland"**. A peatland is a wetland area made up of floating partially decomposed plant material. The difficult growing conditions includes a lack of nitrogen and allows specialized plants to grow.



*Hagar Lake*

of



English Sundew- *Drosera anglica*

Hager Lake, formed from the action glaciers, consists

of one quarter mile of peatland 2 ½ miles South of Nordman, Idaho along Highway 57. Human impacts consisting of draining of the lake, brush clearing and dredging occurred until Mary and Archie George obtained the property and

obtained a conservation easement to protect it for all time. Needing to update changes to the plant ecology the Pend Oreille Master Naturalist Chapter took on the project which was led by Derek Antonelli. Volunteers included the Idaho Native Plant society, USFS and Master Naturalist members. Floral and Rare Plant surveys were conducted as well as Vegetative Sampling completed. Survey methods included setting up transects, using GPS coordinates, and using a Daubenmire frame for vegetation surveys. Previous core samples done in 40's

which went to a depth of 40 feet deep were also used in this study.



Vegetation changes included a decrease in the sedges and increases in Lodge pole pine and cotton grass. In spite of these and other results Hager Lake is doing well and still supports many specialized species including rare plants. The biggest threats are disruptions to the water level and invasion of non-native plants. Biggest threats are disruptions to the water level and invasions of

nonnative plants such as reed canary grass. In conclusion Derek said we must protect the habitats not just the rare plants.

Using the Daubenmire Frame

## Field Trips 2017

### TGWO Hike (Thank God Winter's Over) March 25, Tubbs Hill

Meeting friends and making new ones for an enjoyable spring walk....special finds were a liverwort, interesting lycons, grass widows and some turkeys!



**Tubbs Hill cont.**



**Antoine Peak Conservation Area-April 8, and May 13**-County officials and volunteers are working hard to preserve deserving natural areas and open space for public access. INPS member Dave Noble led our group to survey the flora and explore the area. The April hike was damp but we discovered a few early plants such as claytonia.



Claytonia



Our April Group



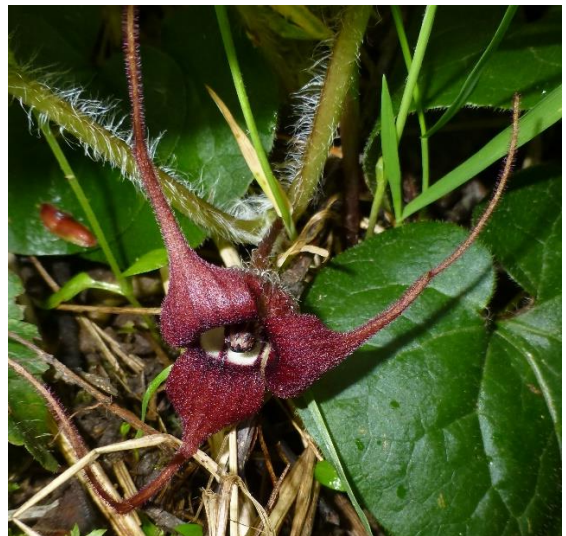
Huckleberry



More Antoine Peak...



Sticky currant



Wild Ginger in Bloom



Meadowrue

**May 7, Q'emiln Park** Our group explored the newest acquisition properties and shoreline of Spokane River.



Rockcress



Exploring the Trail



Hookedspur violet



**May 19, Cedar Mountain Perennials Tour** Bob and Jill gave us a tour of the nursery and explained



**June 17, Graham Creek, CDA River** In anticipation of hosting next year's Annual Meeting our chapter explored the Graham creek trail. There was much to discover!



**Featured Plant for October** *Ranunculus aquatilis*, **White Water Buttercup**, pubescent, perennial aquatic herb found in sluggish streams and ponds at low to mid elevations. **Distribution:** Alaska to CA, east to Montana and Wyoming. **Leaves:** floating leaves alternate, submerged ones are filiform segments. **Flowers:** Stout pedicels, with 5 sepals and 5 white petals. **Fruits:** Deciduous achenes 1.5-2 mm, thin margined and compressed with beaked style.



Derek and Dave bushwhacked to the other side of the pond for a better look.