

BOREALIS

published monthly
October thru May
by the

November 1990



ALASKA NATIVE PLANT SOCIETY

P.O. BOX 141613, Anchorage, Alaska 99514

ANPS STATE OFFICERS ARE:

President-----Forrest Baldwin
Vice-President-----Jean Poore
Secretary-----Jean Tam
Treasurer-----Larry Haller

MEETING NEWS

The November meeting of the Anchorage Chapter will be held at 7:30PM on Monday, November 5th, 1990 in the meeting room of the Muldoon Library, located in the west end of the Carr's Shopping Mall, at the corner of Muldoon Road and Northern Lights Blvd. The library will be closed, so please enter by the door at the rear of the building.

BOARD OF DIRECTORS

The Board of Directors will meet at 6:45PM immediately preceding the general membership meeting. Board members please note this and mark your calendars. Regular board meetings are mandatory for our organization, and attendance is necessary so that we will have a quorum.

SPEAKER

ANPS member, Dr. Bartmar Sveinbjornsson will speak on "Treeline Studies in the North". Thirteen years of research, with the aid of grants from the National Science Foundation, has benefited Alaska, Sweden and Iceland's data on why trees grow only up to certain elevations and why their growth is slower at higher elevations.

PLANT FAMILY

A discussion of the Buttercup or Crowfoot (Ranunculaceae) family will be lead by ANPS member Verna Pratt. This season we will be approaching the plant family study differently. By following Hulten's keys, we will divide the Buttercup family into sections. November-Coptis, Trollius and Caltha; December-Aquilegia, Aconitum and Delphinium; January-Actaea; February and March-Ranunculaceae; April-Thalictrum; and May-Pulsatilla and Anemone. We are looking for volunteers. Anyone interested should contact Verna @

Many members of this family do not have petals, or their sepals are petal-like. When petals and sepals are both present they are usually #5. Stamens are numerous and frequently clustered tightly together. Carpel is usually divided into 3 to many sections. Usually, they are plants of cooler climates. Frequently, the leaves are divided into somewhat of a Crowfoot (or birdfoot) pattern.

The genera for this month have sepals that are petaloid and the fruit is a dry capsule or pod that opens down one side.

Coptis has leaves that are evergreen trifoliolate, and a leafless flowering stem with 1 white flower. There are 2 species in Alaska, mostly found in Southeastern Alaska, the Aleutian Chain, and coastal areas of Southcentral Alaska.

Trollius has globe-shaped flowers, palmately-divided leaves, and is found only on the western tip of the Aleutian Chain.

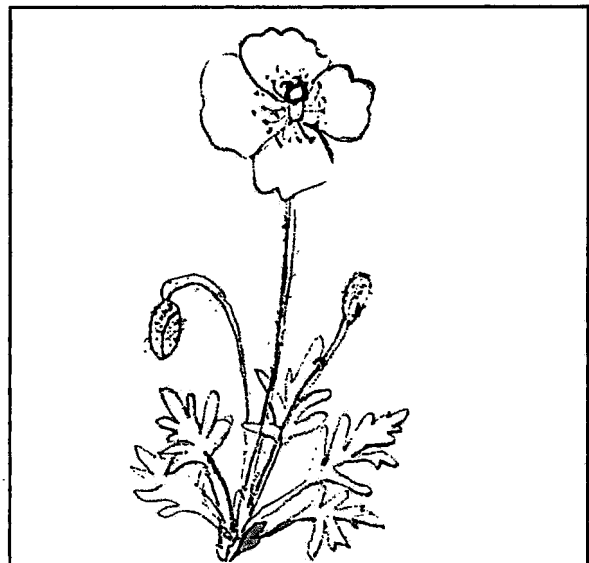
There are 5 varieties of Caltha in Alaska. They have undivided leaves, 5 or more petaloid sepals that are usually cup-shaped. At least one variety can be found in all parts of the state in very moist areas.

MYSTERY PLANT:

A loosely tufted plant with large yellow (less often white, red or orange) solitary flowers, nodding from the curved top of pubescent stems up to 50 centimeters (20 inches) tall. The stem hairs are often darker and more dense below the flowers, reddish brown to blackish on the sepals. Petals yellow, red, orange, white or pink, 20-35mm long; capsules mostly 9-12mm long, 6-12mm broad, pubescent with stiff brown hairs.

The plants can be found in gardens, roadsides, and other disturbed sites, usually near dwellings; in widely scattered locations in Alaska. Introduced.

The plant will open its petals with increasing light and close them in decreasing light.



Mystery Plant

ANCHORAGE CHAPTER OFFICERS ARE:

President-----Lynne Catlin
Vice-President-----Dorothy Emmons
Secretary-----Carol Hoblitzel
Treasurer-----Ram Srinivasan
Rep. to State Board-----Frank Bogardus
Newsletter Editor---(appointed)-----Frank Pratt

ELECTION NEWS:

The November meeting is Election Night for Anchorage Chapter. The Nominating Committee has presented the following slate of candidates:

President-----Lynn Catlin
Vice-President-----Gary Davies
Secretary-----Carol Hoblitzel
Treasurer-----Ram Srinivasan
Rep. to State Board-----Frank Bogardus

Additional nominations will be accepted from the floor.

KACHEMAK CHAPTER OFFICERS ARE:

President-----Joanne Popham
Vice-President-----Josie Bills
Secretary-----Priscilla Russell
Treasurer-----Jane Middleton

SEEDS:

Please bring seeds that you have gathered to the November meeting, as they are still needed for our annual seed sale. We are also still in need of an organizer for this very worthwhile project. How about you?

QUIZ ANSWER:

Papaver nudicaule L., Iceland Poppy

HELP !!!

The short newsletter is due to lack of input! The editor donates his time, how about the membership donating some articles. (It's a chance to get your name in print.)

SANCTUARY TRAVEL SERVICES, INC.



3701 EAST TUDOR RD.
ANCHORAGE, ALASKA
99507

(907) 561-1212 or Toll Free: 1-800-247-3149