

Borealis

the newsletter of the



PO Box 141613, Anchorage, Alaska

May/June 2012

On A Lighter Note

Join us at our Next Meeting!

Monday, May 7, 7:00 p.m.

Topic: "Celebrating Our 30 Years"

Plant Family: *Pedicularis*- The "Pinks"

Leader: Beth Baker

For the latest information about ANPS events and field trips, go to www.aknps.org/

Always be prepared for
Verna Pratt's Mystery Plant!

LOOK INSIDE FOR
Summer 2012 Field Trip Calendar

And always on our website

For the latest information about ANPS events and field trips, go to www.aknps.org/



Editor's Note: Many Thanks to Dr. A. Ceska, editor of Botanical Electronic News (<http://www.ou.edu/cas/botany-micro/ben/>) for bringing us this information!

HOW MUSHROOMS SING: An orchestral composer out of the Czech Republic has claimed that he steals most of his music from singing mushrooms in the forest near his home. Composer Vaclav Halek, who has written 2,000 songs, numerous film and theatre scores, and one symphony, says the secret to his prolific musical output lies in his frequent walks he takes in the woods, where he carries a pencil and paper and lies down near a pile of fungi and listens intently. "I simply record music that a mushroom sings to me," says Halek, who claims that music also comes from rocks and trees, but that mushrooms sing the best melodies.

For Halek's Mushroom Symphony go to:
http://www.youtube.com/watch?v=SlspSTXc_V0

IMPACTS OF EXPERIMENTAL LEAF HARVESTING ON A NORTH AMERICAN MEDICINAL SHRUB, *RHODODENDRON GROENLANDICUM*

From: Youri Tendland,^a Stéphanie Pellerin,^a Pierre Haddad,^b Alain Cuerriera
alain.cuerrier@umontreal.ca Botany, 2012, 90(3): 247-251 [Abstract]

Harvesting of medicinal plants from wild populations is increasing worldwide, however, studies on sustainable harvesting techniques are lacking. In this exploratory study, we investigated the impact of leaf harvesting on *Rhododendron groenlandicum* (Oeder) Kron & Judd, a North American temperate shrub, used traditionally as a medicinal plant by the Cree Nation. The species is widely distributed, but Crees are worried that commercial harvesting could threaten local plant populations. Our study was conducted near the Cree Nation of Mistissini (James Bay, Northern Quebec). Three leaf harvest regimes were tested in 2008 and 2009: no harvest, all leaves harvested, and only old leaves harvested; each treatment was performed on 30 plants. The harvesting of all leaves had a negative impact on stem elongation after the first harvest, while leaf production and stem radial growth decreased after the second harvest. Two-thirds of the plants also died following the second regime of harvesting all leaves. The harvesting of old leaves had no significant impact on growth, leaf production, or survival of *R. groenlandicum*, even after 2 years of harvest. These results lead to the conclusion that sustainable harvest of this species is possible, but further study is required to make definite recommendations.

Scrophulariaceae (the Figworts)

Pedicularis- The "Pink" Flowered Genera

At our May meeting, we will continue focusing on *Pedicularis* genera that we began in April – this time on pinkish flowered species. A few notable species are described below.

***Pedicularis palustris* L. - Purple Pedicularis -Marsh Lousewort**
Biennial or annual, glabrous throughout, or the petiole-bases ciliate; stem erect, much branched, 1°-2° high. It is found in wet situations, Labrador to Alaska, south to Quebec, the Northwest Territory and Oregon. Other names: Red rattle, Cow's-wort.

***Pedicularis hirsuta* L. - Hairy Lousewort – Flowers white, yellow, or pink**
Plants perennial herbs; 5–15 cm high; with a spindly taproot and one to several simple, reddish-purple sparingly leafy stems, topped by a subcapitate, but soon elongating inflorescence, flowers pale pink: helmet "stubby" with two minute teeth.

Distribution: circumpolar (almost: Norway, European Russian, Siberia, Far East, Alaska); Greenland, Canada, United States, Siberia, Asia. Alaska, Northwest Territories Islands, Continental Northwest Territories, Nunavut Islands, Continental Nunavut, Northern Québec. High arctic.

Habitat. Substrates: along streams, lake shores, cliffs, flood plains; imperfectly drained moist areas, or dry; calcareous; rocks, gravel, sand, and silt; with low organic content and peat.

***Pedicularis langsдорffii* Fisch. ex Steven - Arctic fernweed.**

Plants perennial herbs; 8–15 cm high. Calyx green, or purple; 5-lobed; hairy; woolly. Calyx hairs white or translucent. Calyx margins without cilia. **Petals** fused; 5; pink (a bright pink); with contrasting markings (helmet petals a deeper pink than the landing petals); 23–26 mm long (helmet petals 3.3–4 mm wide at the peak of the strongly arched hood). Anthers purple, or reddish, becoming yellow; ellipsoid.

Distribution. North American, or Far East; Greenland, Canada, United States. Alaska, Yukon, Northwest Territories Islands, Continental Northwest Territories, Nunavut Islands, Continental Nunavut. Arctic, or alpine.

Habitat. Substrates: wet meadows, slopes, flood plains; imperfectly drained moist areas, or on seepage slopes, or on solifluction slopes; calcareous; gravel, sand, silt, till, moss; with low organic content, or peat.

***Pedicularis lanata* Willd. ex Cham. and Schtdl. - Woolly Lousewort.**

Plants perennial herbs; 5–15(–20) cm high; with unbranched stems from a thick, lemon-yellow tap root, with the brown remains of leaf petioles at the base and purple pink flowers without teeth on the corolla helmet.

Distribution. North American (mainly), or amphi-Beringian; Greenland, Canada, United States, Eurasia (Far East). Alaska, Yukon, Northwest Territories Islands, Continental Northwest Territories, Nunavut Islands, Continental Nunavut, Northern Québec. Arctic, or alpine.

Habitat. Substrates: hummocks, river terraces, tundra, dry meadows, barrens, flood plains; dry, or moderately well drained areas; calcareous; rocks, gravel, sand, silt, till; with low organic content.



***Pedicularis palustris* - Purple Pedicularis**

Indigenous knowledge. Porsild (1950) reported that Eskimo children pick the flowers and suck the sweet nectar from the base of the long corolla tube. Porsild also noted that towards maturity the stems elongate, and in the winter often protrude through the snow. The root, which is lemon yellow and sweet, like young carrot, may be eaten raw or cooked; the flowering stem may be eaten boiled as a potherb.

English Botanist, Oleg Polunin (1940) considered this perhaps the "most handsome" of all high-arctic plants, with its tall woolly spike of bright pink flowers and its fat yellow roots, which pull up so easily and which, even if its taste is somewhat earthy, I have on occasion been very glad to find. It is one of the few tolerably palatable plants in these inhospitable regions. It is conspicuous and characteristic and not to be confused with any other species in the field, even if in herbaria it has sometimes proved difficult to separate from *P. langsдорфii*. *Pedicularis lanata* is one of the first flowers to appear after the snow melts, and although the uppermost blossoms on the rapidly elongating spike come out many days after the lowest, they are all rather quickly "over" and hence missed by most summer visitors.

***Pedicularis sudetica* Willd.** - Both an alpine and lowland species known as "fernweed", "Sudeten lousewort" or "Sedetic lousewort". The species is tall and leafy at lower elevations. Four of the five subspecies are found in Alaska.

Distribution. Circumpolar (with a gap in Greenland); Canada, United States, Eurasia. Alaska, Yukon, Northwest Territories Islands, Continental Northwest Territories, Nunavut Islands, Continental Nunavut. Arctic, or alpine. Range in the Canadian Arctic Archipelago widespread. Common. Arctic Islands: Baffin, Devon, Axel Heiberg, Parry Islands, Cornwallis, Banks, Southampton, Coats.

Habitat. Substrates: wet meadows, along streams, lake shores, flood plains; imperfectly drained moist areas, or on seepage slopes; calcareous; gravel, sand, silt.

Indigenous knowledge. Kjellman (1882) indicated that people in Chukchi prepare a "sauerkraut" from the flowering stems and eat the boiled rootstock in soup.

Information comes from: 'S.G. Aiken, M.J. Dallwitz, L.L. Consaul, C.L. McJannet, L.J. Gillespie, R.L. Boles, G.W. Argus, J.M. Gillett, P.J. Scott, R. Elven, M.C. LeBlanc, A.K. Brysting and H. Solstad. 1999 onwards. Flora of the Canadian Arctic Archipelago: Descriptions, Illustrations, Identification, and Information Retrieval. Version: 29th April 2003. <http://www.mun.ca/biology/delta/arctic/>'.

Borealis

the newsletter of the



ALASKA NATIVE PLANT SOCIETY

State and Anchorage Chapter Officers

President	Anjanette Steer
Vice President	James Sowerwine
Secretary	Beryl Wardlaw
Treasurer	Bernadine Raiskums

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Membership	Bernadine Raiskums
Plant Family	Beth Baker
Mini-Botany	
Field Trips	Marilyn Barker

Newsletter ("*Borealis*")

Editor Ginny Moore

FAX:

Borealis is published bi-monthly, fall through spring. Articles may be sent to Ginny Moore, Anchorage, AK 99516. Phone or FAX: , E-mail: tgmoore@gci.net

MYSTERY PLANT

This small plant can be found in boggy areas of Interior, Eastern, the North Eastern part of South Central Alaska, and across Northern Canada.

It spreads by thick roots and stolons. It has one rounded leaf with parallel veins at the base of the 5 to 6 inch naked flower stem. The leaf appears to be cup shaped at first, but opens up to an elongated acute oval. Although the flowers are small they are very impressive. The flowers are in a loose cluster at the top of the stem. The white petals are flushed with pink and are covered with wine colored dots.

Answer on Page 4.

Alaska Botanical Forum

Date and time:

April 26 & 27. We are anticipating 9 am – 5 pm Thursday and 9 am – 3 pm Friday, but times may change based on the number of speakers, etc.

Location:

University of Alaska Anchorage

April 26th at Gorsuch Commons rm 106

April 27th in Social Sciences Building rm 258

For more information, contact Matt Carlson (mlcarlson@uaa.alaska.edu), Alaska Natural Heritage Program

Sedge Workshop – July 2012

Two sedge identification workshops will be given in Anchorage this July by Dr. Tony Reznicek, authority on new world Cyperaceae and Curator of the University of Michigan Herbarium. Tony's bio can be viewed here:

<http://www.lsa.umich.edu/herb/reznicek.html>

There will be two workshops in Anchorage to be held at Grant Hall on the campus of Alaska Pacific University. The workshop will be approximately 2.5 days long. The workshops are scheduled as follows:

Session #1: Friday evening July 20, all day July 21 and July 22

Session #2: Wednesday evening July 25, all day July 26 and July 27.

The workshop will be oriented toward field biologists with a minimum of an intermediate level of plant identification skills. Previous experience with dichotomous keys is required. This will be a great opportunity to brush up on your sedges.

The first evening will include an introductory lecture about sedge biology and systematics, including a review of recent sedge research. During the second and third days we will work for an hour or so in the lab identifying specimens and learning sedge morphology. After that we will go on a local field trip to see and get hints on how to recognize sedges in natural habitats, collect specimens, and then return for more identification work. Please feel free to bring specimens of sedges you would like help identifying.

If you are interested in attending please email Susan Klein as soon as possible at

susan@susanklein.biz, preferred session. We are limiting each session to no more than 16 participants.

MYSTERY PLANT: ANSWER

Amerorchis rotundifolia

Orchidaceae / Orchid family

ALASKA NATIVE PLANT SOCIETY-- SUMMER 2012 FIELD ACTIVITIES

General instruction: always plan for Alaska weather, carry raingear and snacks.

PLEASE Contact trip leader to let them know you will be there.

MAY

17 Thursday—Seward Highway *Tragopogon* Removal

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 6:30 PM

Meeting place: Potter Section House Parking Area (Seward Hwy just past Potter Marsh)

Level of difficulty: Moderate

Mimimum Age: adults only

Description of trip: This is a work party to continue removing *Tragopogon dubius*, an invasive weed. We found the motherlode (original spot it started) last year so need to keep at it this year. Wear old clothes, rugged shoes and garden gloves. Bring a dandelion digger, useful for young plants and/or compacted ground.

Special instruction: Ground surface is steep and uneven.

19 Saturday—Plant Sale

Leader: ALASKA ROCK GARDEN SOCIETY

Meeting time: 9:00AM-4:00 PM Meeting Place: Sally Karabelnikoff's—

Anchorage

22 Tuesday—Dandelion Removal Alaska Botanical Garden

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 7 PM

Allotted time: 2 hours

Meeting place: Lowenfels Trail Head.

Level of difficulty: Easy

Minimum Age: no minimum age

Description of trip: This is a work party to finish removing dandelions along the trail. Helpful items to bring: dandelion digger, kneeling pad, and a 5 gallon pail. Parking is available at Benny Benson School or a small parking area on the left side of Campbell Air Field Rd. about ½ mile past the road to the ABG entrance.

Special instruction: If you need a digger, contact the leader.

24 Thursday—Potter Trailhead

Leader: Verna Pratt or verna@acsalaska.net

Meeting time and place: 6:30 PM at the first parking area on the left side of the Seward Hy after Potter Section House.

This is a State Park Fee area.

Minimum age 4.

Description of trip: Most of the trail is steep, gravelly or has exposed tree roots so is not appropriate for strollers. Be prepared for unpredictable weather as it can be very winder there, and storms are common along turnagain arm.

29 May—Arctic Valley

Leader Marilyn Barker

Meeting time and place: 5:30 PM north of the gas station in the Fred Meyer Parking lot OR 6:30 Arctic Valley Parking lot

Allotted time: 3-4 hours Minimum age: 10

Description of trip: Description of trip: Uphill hike. Be prepared to walk thru snow. A chance to see some early flowers.

31 May-- Thursday—Seward Highway *Tragopogon* Removal

Leader: Verna Pratt

Meeting time: 6:30 PM

Meeting place: Potter Section House Parking Area (Seward Hwy just past Potter Marsh)

Level of difficulty: Moderate

Mimimum Age: adults only

Description of trip: This is a work party to continue removing *Tragopogon dubius*, an invasive weed. We found the motherlode (original spot it started) last year so need to keep at it this year. Wear old clothes, rugged shoes and garden gloves. Bring a dandelion digger, useful for young plants and/or compacted ground.

Special instruction: Ground surface is steep and uneven.

2 Saturday—Plant Sale

Leader: WILDFLOWER GARDEN CLUB

Meeting time: 9:00AM-4:00 PM

Meeting Place: Sally Karabelnikoff's—

. Anchorage

5 Tuesday—ABG Dandelion Removal

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 7 PM

Allotted time: 2 hours

Meeting place: Lowenfels Trail Head.

Level of difficulty: Easy

Minimum Age: no minimum age

Description of trip: This is a work party to finish removing dandelions along the trail. Helpful items to bring: dandelion digger, kneeling pad and a 5 gallon pail.

Parking is available at Benny Benson School or a small parking area on the left side of Campbell Air Field Rd. about ½ mile past the road to the ABG entrance.

Special instruction: If you need a digger, contact the leader.

9 Saturday—Plant Rescue at Greg Kalal's "GK Raisinn' it up Farms"

Leader: Greg Kalal

Meeting time: Anytime between 10 AM and 6 PM.

Description: This is a plant rescue of several acres that will soon be a potato field. Bring your own shovels and buckets or whatever you might need to dig plants. Plants rescued in the past include *Aconitum*, *Cornus*, *Adoxa*, *Pyrola*, *Viola* and *Matteuccia*

Directions:

. Turn right on
go ¾ mile to end

Go ¾ mile and turn left on

12 Tuesday—Campbell Creek Science Center Work Party

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 7 –9 PM Mention ANPS and group gets credit towards room rent.

Allotted time: 2 hours

Meeting place: East entrance Science Center

Description of trip: This is mostly weeding of the wildflower beds.

13 Wednesday—Bog walk

Meeting time: 7 PM at Annie Nevaldines Home at , Anchorage

Directions to Annies: From Lake Otis turn east onto either 48th Avenue or 50th Avenue. Turn right onto Folker. Turn left onto 51st Avenue. Take the second right turn onto Madigan Circle.

Description of trip: Tour Annies garden, the walk in the bog behind her home. Be on the look out for some of those cool carnivorous plants.

Note. Rubber boots will be a necessity.

14 Thursday—Seward Highway *Tragopogon* Removal

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 6:30 PM

Meeting place: Potter Section House Parking Area (Seward Hwy just past Potter Marsh)

Level of difficulty: Moderate

Minimum Age: adults only

Description of trip: This is a work party to continue removing *Tragopogon dubius*, an invasive weed. We found the motherlode (original spot it started) last year so need to keep at it this year. Wear old clothes, rugged shoes and garden gloves. Bring a dandelion digger, useful for young plants and/or compacted ground.

Special instruction: Ground surface is steep and uneven.

19 Tuesday—Dandelion removal at Alaska Botanic Garden

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 7 PM

Allotted time: 2 hours

Meeting place: Lowenfels Trail Head.

Level of difficulty: Easy

Minimum Age: no minimum age

Description of trip: This is a work party to finish removing dandelions along the trail. Helpful items to bring: dandelion digger, kneeling pad, and a 5 gallon pail.

Parking is available at Benny Benson School or a small parking area on the left side of Campbell Air Field Rd. about ½ mile past the road to the ABG entrance.

Special instruction: If you need a digger, contact the leader.

26 Wednesday—Campbell Creek Science Center Work Party

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 10 AM Mention ANPS and group gets credit towards room rent.

Allotted time: 2 hours

Meeting place: East entrance Science Center

Description of trip: For maintenance of the gardens at the Science Center.

28 Thursday—Seward Highway Tragopogon Removal

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 6:30 PM

Meeting place: Potter Section House Parking Area (Seward Hwy just past Potter Marsh)

Level of difficulty: Moderate

Minimum Age: adults only

Description of trip: This is a work party to continue removing *Tragopogon dubius*, an invasive weed. We found the mother lode (original spot it started) last year so need to keep at it this year. Wear old clothes, rugged shoes and garden gloves. Bring a dandelion digger, useful for young plants and/or compacted ground.

Special instruction: Ground surface is steep and uneven

JULY

2-6 Monday-Friday

Extended trip to Kodiak Island.

Contact Beth Baker for info and sign-up ()

10 Tuesday—Campbell Creek Science Center Work Party

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 10 AM. Mention ANPS and group gets credit towards room rent.

Allotted time: 2 hours

Meeting place: East entrance Science Center

Description of trip: This is a multi-tasking work day to clean up gardens and trails around the Science Center.

12 Thursday—Seward Highway *Tragopogon* Removal

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 6:30 PM

Meeting place: Potter Section House Parking Area (Seward Hwy just past Potter Marsh)

Level of difficulty: Moderate

Minimum Age: adults only

Description of trip: This is a work party to continue removing *Tragopogon dubius*, an invasive weed. We found the motherlode (original spot it started) last year so need to keep at it this year. Wear old clothes, rugged shoes and garden gloves. Bring a dandelion digger, useful for young plants and/or compacted ground.

Special instruction: Ground surface is steep and uneven.

July 12-15: Homer Field Trips – Come to any or all!

Leader: Daisy Lee Bitter Leader Contact:

Meeting Place for all the trips-- (You'll enjoy the view and some peonies might be in bloom.) No dogs please, for I have a large garden, peony fields, moose, a porcupine, snowshoe hares, lynx, bald eagles, and an occasional black bear at night. Parking Space for several cars, campers, etc. and sleeping space (first-come-first served) inside

***Thursday, July 12--**Be at Homer Small Boat Harbor by 8:30. Returns to SBH by 5 p. m.

During the trip the boat will slowly circle the seabird rookery at Gull Island as the naturalist explains the 8 species of seabirds that nest there. This is a northern arc of the Sitka Spruce Northern Coastal Rain Forest. There is also a small bog with orchids over there. Mild difficulty with climbs along the forest trail to the lake. CACS Field Station and restrooms. Several native plants grow there that are not found on the north side of Kachemak Bay.

Friday, July 13 8:30-11:30--Meet in the parking lot of Paul Banks School at the bottom of the hill. KHLT's newly revised Calvin and Coyle Trail begins and ends here. This is a mixed forest of spruce and deciduous trees and shrubs. A small stream meanders through and an observation platform overlooks Beluga Lake and its wetlands. Some wet places, but hiking is easy.

11:30--2 p. m. Try a Homer restaurant 2:30-6:00 p. m. Wynn Nature Center (Park there or at my place.) Easy hiking. WNC naturalists may be accompanying us--and asking for your expertise. Lutz spruce forest with meadows and a small bog. Moonworts, ferns, willows, black cottonwood forest, headquarters cabin, restrooms, improved trails, 7 p. m. Potluck at Daisy Lee's. Inside or on back lawn--Weather dependent!!!

Saturday, July 14 9 a.m. at KHLT's giant Comerford Bog. (Leave Skyline Drive at 8:30.) Park on the south edge of the road. This huge bog is a treat for those who want to see and photograph Alaska's carnivorous plants. This site also has acres of white spruce and the transition zone between the two. Interesting birds here, too.

Sunday, July 15--Options--Sandhill Cranes or Marine Algae identification--Need to know in advance
Level of Difficulty-See above trip descriptions.

Special Information and Instructions

Kneeboots--or hip boots if you want to bend over for photos. Rain gear--this is Alaska!

Each of these trips is a treat for bird lovers. Put your binoculars into your pack. Brown bag lunches except for Friday which has a long noon break so you can try a Homer restaurant if you wish.

*On Thurs., July 12 Beth Trowbridge, Executive Director of the Center for Alaskan Coastal Studies (CACS) is saving 7 places on the boat across Kachemak Bay to the CACS field station for ANPS members who want to tag plants along the circular trail from the field station to the lake.

The usual cost for the all day tour to the CACS field station is \$120. Beth agreed to \$30 for the first 7 ANPS members who make reservations (with CACS at 907-235-6667) to make the trip on Thursday.

Marie McCarthy, Executive Director of the Kachemak Heritage Land Trust, has also graciously granted us permission for use of the trails, placing identification stakes, on their Comerford and Calvin and Coyle Trail easement properties. Marie and Beth Trowbridge will be joining us whenever they can.

CACS=Center for Alaskan Coastal Studies. WNC=Wynn Nature Center, KHLT=Kachemak Heritage Land Trust

14 Saturday— Hands on Plant Macrophotography

Leader: James Sowerwine

Meeting Time: 10 AM

Meeting Place: South Fork Eagle River trailhead parking lot

Description of trip: We will explore how to use some of the myriad of plant macrophotography resources currently available to field botanists. We will wander south on the South Fork Eagle River Trail at a pace determined by the group. Please bring your camera and a lunch. It will also be beneficial to bring a tripod if one is available to you, though I will have several additional tripods available for use by attendees who lack one. Once we discuss basic camera functionality (both point and shoot and SLR), the use of minor to major accessories, the use of backdrops and sunscreens, and how the weather can change shooting conditions, we will spend the remainder of the afternoon photographing near the trail. Latecomers are welcomed during the day, and should look for us within the first one to two miles of the trail (if you've crossed the bridge, you've gone too far). Please contact James for more information or pre-trip updates.

17 Tuesday—Dandelion removal at Alaska Botanic Garden

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 7 PM

Allotted time: 2 hours

Meeting place: Lowenfels Trail Head.

Level of difficulty: Easy

Minimum Age: no minimum age

Description of trip: This is a work party to finish removing dandelions along the trail. Helpful items to bring: dandelion digger, kneeling pad, and a 5 gallon pail.

Parking is available at Benny Benson School or a small parking area on the left side of Campbell Air Field Rd. about 1/2 mile past the road to the ABG entrance.

Special instruction: If you need a digger, contact the leader.

24 Tuesday --Campbell Creek Science Center Work Party

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 7-9 PM Mention ANPS and group gets credit towards room rent.

Allotted time: 2 hours

Meeting place: East entrance Science Center

Description of trip: This is a multi-tasking work day to clean up gardens and trails around the Science Center.

24-25 Tuesday-Wednesday—Backpack trip from Primrose to Lost Lake

Leaders: Alan Batten and Marilyn Barker

Meeting Time Place: Primrose Landing Campground Mile 17.1 Seward Highway. We will plan to ferry at least one car to the Lost Lake Trailhead (Mile 5.1 Seward Highway)

Description of trip. A beautiful flower filled trail through sub-alpine meadows to Lost Lake. We'll camp near Lost Lake Tuesday night and hike out on Wednesday. The trip is 16-17 miles with elevation changes of 1800 feet.

Contact leader of you plan to be on this trip.

26 Thursday—Seward Highway *Tragopogon* Removal

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 6:30 PM

Meeting place: Potter Section House Parking Area (Seward Hwy just past Potter Marsh)

Level of difficulty: Moderate

Minimum Age: adults only

Description of trip: This is a work party to continue removing *Tragopogon dubius*, an invasive weed. We found the motherlode (original spot it started) last year so need to keep at it this year. Wear old clothes, rugged shoes and garden gloves. Bring a dandelion digger, useful for young plants and/or compacted ground.

Special instruction: Ground surface is steep and uneven-Thursday

31 Tuesday—Dandelion removal at Alaska Botanic Garden

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 7 PM Allotted time: 2 hours

Meeting place: Lowenfels Trail Head.

Level of difficulty: Easy Minimum Age: no minimum age

Description of trip: This is a work party to finish removing dandelions along the trail. Helpful items to bring: dandelion digger, kneeling pad, 5 gallon and pail.

Parking is available at Benny Benson School or a small parking area on the left side of Campbell Air Field Rd. about ½ mile past the road to the ABG entrance.

Special instruction: If you need a digger, contact the leader.

AUGUST

4 Saturday—Wolvering Peak

Leader: Devon Nix devnix1@gci.net

Meeting Time: 9 AM Allotted time: All day

Meeting Place: Prospect Heights Trail Head Parking Lot

Description of trip: Round trip 10.5 miles, Elevation gain 3380 feet. Wolverine Peak is the broad triangular mountain on the skyline east of anchorage. A great trail that wanders thru sub-alpine and alpine zones. Chances to see many different species. Bring along binoculars for bird sightings. A real surprise view at the top!

7 Tuesday—Campbell Creek Science Center Work Party

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 7-9 PM Mention ANPS and group gets credit towards room rent.

Allotted time: 2 hours

Meeting place: East entrance Science Center

Description of trip: Maintenance of gardens around the center.

9 Thursday—Seward Highway *Tragopogon* Removal

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 6:30 PM

Meeting place: Potter Section House Parking Area (Seward Hwy just past Potter Marsh)

Level of difficulty: Moderate Minimum Age: adults only

Description of trip: This is a work party to continue removing *Tragopogon dubius*, an invasive weed. We found the motherlode (original spot it started) last year so need to keep at it this year. Wear old clothes, rugged shoes and garden gloves. Bring a dandelion digger, useful for young plants and/or compacted ground.

Special instruction: Ground surface is steep and uneven.

14 Tuesday—Dandelion removal at Alaska Botanic Garden

Leader: Verna Pratt or verna@acsalaska.net Meeting time: 7 PM

Allotted time: 2 hours

Meeting place: Lowenfels Trail Head.

Level of difficulty: Easy Minimum Age: no minimum age

Description of trip: This is a work party to finish removing dandelions along the trail. Helpful items to bring: dandelion digger, kneeling pad and a 5 gallon pail.

Parking is available at Benny Benson School or a small parking area on the left side of Campbell Air Field Rd. about ½ mile past the road to the ABG entrance.

Special instruction: If you need a digger, contact the leader.

15 Wednesday—Tour of Palmer Ethnobotany Garden

Leader: Peggy Hunt

Meeting time: 7 PM

Description of trip: The Ethnobotany Teaching Garden is a landscaped area of the Alaska Plant Materials Center (PMC) in Palmer. Designed to showcase edible, medicinal, and useful plants from different regions of Alaska, August is the best time to see most of these in bloom. Peggy Hunt from the PMC is delighted to introduce you to Alaska's native plants in this beautiful

part of Alaska. Plan on using all of your senses in this program. Wear clothing appropriate for being outside the entire time. Seed collecting is O.K. in the garden.

Directions: From Anchorage, take the Glenn Highway to the Old Glen Highway exit. At the flashing yellow light in the Butte, turn left towards the Reindeer Farm on Bodenbug Loop Rd. Approximately 2.2 miles from the light, turn left on Bodenbug Spur Rd. The Plant Materials Center's parking lot is on your right just a little ways further. From Palmer, take Arctic Blvd. (Old Glenn Highway) out to the flashing yellow light in the Butte. Turn right on Bodenbug Loop Rd. Follow above directions. The PMC is located between "Pioneer Equipment" and "Pyrah's U-Pick Farm". Bodenbug Loop Rd. does have an entrance closer to Palmer, but directions are easier from the flashing yellow light!

21 Tuesday—Campbell Creek Science Center Work Party

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 7 PM. Mention ANPS and group gets credit towards room rent.

Allotted time: 2 hours

Meeting place: East entrance Science Center

Description of trip: Maintenance of gardens around the center.

23 Thursday—Seward Highway *Tragopogon* Removal

Leader: Verna Pratt or verna@acsalaska.net

Meeting time: 6:30 PM

Meeting place: Potter Section House Parking Area (Seward Hwy just past Potter Marsh)

Level of difficulty: Moderate

Minimum Age: adults only

Description of trip: This is a work party to continue removing *Tragopogon dubius*, an invasive weed. We found the motherlode (original spot it started) last year so need to keep at it this year. Wear old clothes, rugged shoes and garden gloves. Bring a dandelion digger, useful for young plants and/or compacted ground.

Special instruction: Ground surface is steep and uneven.

25 Saturday—Aurora Dog Track Bog, Big Lake Ak

Leader: Barbara Weil OR

Meeting time: 10 AM

Allotted time: 4 hours

Meeting place: Alaska. (Barbara's log cabin.)

Description of trip: We will meet at the cabin and car pool to the bog. Blueberries and Bog Cranberries may be present.

Trails are often muddy so rubber boots are recommended.

Bring some extra food for a cookout at the cabin at the end of the trip.

SEPTEMBER**29 Saturday—Public Lands Day at Campbell Creek Science Center.**

ANNUAL MEMBERSHIP APPLICATION/RENEWAL

The Alaska Native Plant Society was organized in 1982 by an enthusiastic group of amateur and professional botanists. It is a non-profit educational organization with the goal of uniting all persons interested in the flora of Alaska. Membership is open to any interested individual or organization. If you wish to join us, please indicate the category of membership you desire, fill in the form below and mail it with the appropriate remittance to:

**Alaska Native Plant Society,
P.O. Box 141613,
Anchorage, AK 99514**

STATUS New RENEWAL

CATEGORY

- | | | |
|--------------------------|-------------------|------|
| <input type="checkbox"/> | Full-time Student | \$12 |
| <input type="checkbox"/> | Senior Citizen | \$12 |
| <input type="checkbox"/> | Individual | \$15 |
| <input type="checkbox"/> | Family | \$20 |
| <input type="checkbox"/> | Organization | \$30 |

Name _____

Address _____

City: _____ State _____ Zip _____

Telephone: (Home) _____ (Work) _____ E-Mail: _____

Membership is on a calendar year basis.

SUMMER FIELD TRIP SCHEDULE INSIDE!

Alaska Native Plant Society
P.O. Box 141613
Anchorage, AK 99514