

Borealis

the newsletter of the



PO Box 141613, Anchorage, Alaska

May 2005

Join us at our May meeting!

Campbell Creek Science Center
6881 Abbott Loop Road, Anchorage

Monday, May 2, 7:30 p.m.

Topic

"Devil's Club – Thorny Weed or Cash Crop"
Research and medicinal uses of *Oplomanux horridus*

Speaker

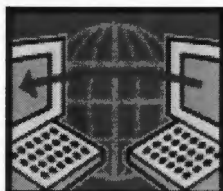
David Smith – Freelance Plant Prospector

May Plant Family Study

Polypodiaceae/Licorice Fern Family and
Blechnaceae/Deer Fern Family

Presenter: Anjanette Steer

**For Latest Information on
Alaska Native Plant Society
field trips and meetings,
check out our website at:
<http://AKNPS.org>**



Gardening? Go Wild!

"When you plant a native species, you are employing all of evolutionary history. You can't find a better reason for choosing a plant than that gained from 3 billion years of experience."

--Carol Smyser, *Nature's Design*

Are you looking for a gardening approach that's good for the environment, beneficial for wildlife, low maintenance for you, and attractive for everyone? At our April ANPS meeting, Verna Pratt encouraged local gardeners to consider *native* plant gardening.

The environmental reasons for gardening with native plants are positive and compelling. Native plant gardens:

- increase biodiversity;
- provide habitat for a wide variety of creatures such as birds and butterflies;
- provide a home for many native plants that are becoming increasingly rare in the wild;
- conserve water;
- eliminate the need for chemical inputs such as pesticides, herbicides and fertilizers.
- are less work and lots of beauty!

The key to native plant gardening is to base your garden on a habitat model found in nature, and to match the plants to that habitat. This may sound complicated but it is in fact what all successful gardeners do: evaluate the garden's conditions and grow plants that thrive in those conditions. Design your garden based on these conditions:

Plants that grow well in the **shade**, i.e. *Linnaea borealis* (twinflower), *Blechnum spicant* (deer fern).

Plants that grow well in **full sun**, i.e. *Arctostaphylos uva-ursi* (kinnikinnick), *Epilobium angustifolium* (tall fireweed), *Arnica alpine* (alpine arnica); *Aster sibiricus*

Plants that do well in **dry** areas, i.e. *Epilobium angustifolium* (fireweed), *Arnica frigida* (fringed arnica).

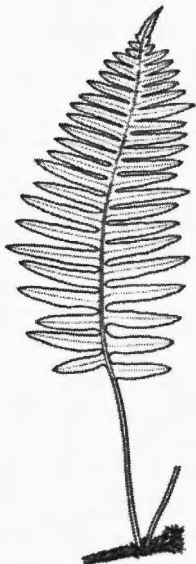
Plants that do well in **wet** areas, i.e. *Iris setosa* (wild iris), *Mertensia paniculata* (chiming bells), *Blechnum spicant* (deer fern).

Polypodiaceae/Licorice Fern Family and Blechnaceae/Deer Fern Family

Presenter: Anjanette Steer

There are two subspecies of *Polypodium vulgare* in Alaska. *P. vulgare columbianum* is rare and can only be found in interior Alaska. It spreads by rhizomes and sprawls across rocks and on tree trunks. The yellowish-green fronds are about 6-9 inches tall, mostly glabrous and have rounded pinnae with sori along the margins. *P. Vulgare occidentale* is a coastal specie and can be found from Southeast Alaska all the way along Prince William Sound and throughout the Aleutian Chain. Fronds are taller and grayish-green and pinnae have an acute tip. These are the only ferns that grow on trees or sprawl over rocks.

The Blechnaceae family has one specie in Alaska. *Blechnum spicant* is an evergreen fern with shiny thick fronds that can be up to 12-16 inches long. These sterile fronds form a circle with the deciduous fertile ones arising from the middle. This fern can be found in very wet areas of Southeast Alaska and throughout coastal areas of Prince William Sound and inland to the Talkeetna Mountains.



Polypodium vulgare occidentale



Blechnum spicant

**Want to get more serious about local plant identification?
Need a head start or a refresher course before the season gets under way?
Here's the perfect answer!**

What? Biology A075: Local Flora; 1 credit; UAA Biology Department; Taught by ANPS member Marilyn Barker! Study wild flowers and plants in the surrounding locale with emphasis on use and identification; it includes preparation of pressed plant specimens and field trips.

When? Thursdays, May 5-May 26: Morning class: 8:30-12:15 Evening Class: 5:30Pm-9:15PM

Where? UAA Campus BMH 105

Why? It is both fun and educational!

How? Register at UAA campus or on-line at <http://uaonline.alaska.edu>

2005 ANPS Field Trips – Have A Great Summer!

Below you'll find the list of field trips for the 2005 summer season, as available at the time of printing. Each leader has carefully chosen a favorite spot to explore the local flora and/or help protect native plant populations. Please be sure to keep checking our website at <http://AkNPS.org> to find out about other trips and activities being planned.

General Information

The purpose of the Alaska Native Plant Society field trips is to enjoy our Alaskan plants in their native habitats. The trips are designed to explore a variety of plant communities for educational and appreciative values. Hikes are leisurely paced to allow plenty of time for plant observation. Trips will be held rain or shine, so be prepared.

Please read the individual trip listings to determine the level of difficulty, allotted time and special requirements for each trip. Please call the leader a few days before the outing; unforeseen things can come up and plans may change.

These are not plant collecting trips! Digging plants and/or collecting specimens is strongly discouraged by ANPS. Collecting is illegal in many of the locations we will visit.

Celebrating Wildflowers! June 5 – Sunday – APU Trails

Leader: Cara Wardlaw-Bailey

Phone:

Time Allotted: 2 hours

Level of Difficulty: Easy

Description of trip: Easy walk around perimeter of the campus for early bloomers.

Special Instructions: Bring binoculars, and plan on lots of mosquitoes. No strollers, please.

Meeting Time: 2:00pm

Meeting Place: Entrance to parking lot across from Grant Hall on APU campus – South side of University Drive just east of Bragaw.

June 6 – Tuesday – Seward Highway

Leader: Verna Pratt

Phone:

Time Allotted: 2-3 hours

Directions: Carpool to Falls Creek Trailhead from S end of Potter Section House lot

Minimum Age: Adults only please.

Description of trip: "Weed Warriors" work party; Many hands make quick work.

Items to bring: Dandelion digger type tools and gloves for tough plants in tough soils. White sap of plants can stain, so wear old clothes. Wear good sturdy shoes, as some areas are steep and rocky.

Meeting Time: 6:45pm

Meeting Place: Potter Section House

Level of Difficulty: Easy to Moderate

Celebrating Wildflowers! June 7 – Tuesday – Baxter Bog

Leader: Marilyn Barker

Time Allotted: 2 hours

Meeting Time: 7:00pm

Description of trip: Easy walk around Baxter Bog; bog rosemary, cloudberry and Labrador tea.

Special Instructions: Bring binoculars, and plan on lots of mosquitoes.

Meeting Place: Baxter School – South side of Parking lot

Level of Difficulty: Easy

June 8 – Wednesday – Campbell Creek Science Center

Leader: Sue Jensen

Phone:

Time Allotted: 2 hours

Meeting Time: 7:00pm

Description of trip: Come help weed in the butterfly garden. This is a great time to see early blooming wildflowers.

Items to Bring: Gloves, trowels, buckets and bug repellent.

Meeting Place: Campbell Creek Science Center

Level of Difficulty: Easy

Celebrating Wildflowers! June 9 –Thursday – Earthquake Park Bog

Leader: Tammy Quan
Time Allotted: 2 hours

Meeting Time: 7:30pm
Meeting Place: Earthquake Park
Level of Difficulty: Easy

Description of trip: We will explore the area and if time permits proceed along the trail.
Special Instructions: Dress for the weather and bring mosquito repellent.

Celebrating Wildflowers! June 10 –Friday – Gardens of East Anchorage

Leader: Sally Karabelnikoff
Time Allotted: 2 hours to see both.
Level of Difficulty: Easy

Meeting Time: 7:00pm
Meeting Place: 7446 E. 20th

Description of trip: Viewing of 2 gardens in East Anchorage that grow wildflowers.
Special Instructions: The gardens are about a mile apart.

Celebrating Wildflowers! June 11 – Saturday – Arctic Valley

Leader: Verna Pratt
Phone:

Time Allotted: 6 hours

Meeting Time: 9:00am for carpooling, 9:30 at Arctic Valley

Meeting Place: Top of Arctic Valley Road or carpool from Muldoon Fred Meyer south side of parking lot at 9 AM

Level of Difficulty: Moderate; steep sections

Description of trip: We will walk up the trail to the pass near Rendezvous Peak. We will explore that area then walk up the ridge to the north and return down the south facing drainage. Sub alpine plants on lower slopes, alpine wildflowers on peaks and ridges near prime blooming time. We hope to find the lovely primrose, *Primula cuneifolia*.

Directions: Arctic Valley Road to Anchorage Ski Club parking are at the top

Special Instructions: \$5 parking fee at Arctic Valley. Bring lunch, water, and magnifier/hand lens if you have one; wear sturdy hiking boots and extra layers.

June 12 – Sunday – Syncline Mountain

Leader: Anjanette Steer
Phone: , anj@ak.net

Time Allotted: All day

Distance: 5 –6 hours from Anchorage

Directions: Meet at 113.5 Glen Highway or to carpool, meet at Fred Meyer, Muldoon at 8:30AM.

Meeting Time: 10:30AM

Meeting Place: MP 113.5 Glenn Highway.

Level of Difficulty: Moderate

Minimum Age: 8

Description of trip: This is a trip up Syncline Mountain, an interesting fossil area.

Items to bring: Wear good sturdy shoes, as some areas are steep and rocky. Dress in layers. Lunch, water, day pack, camera and berry picking containers.

Special Instructions: Please call the leader ahead of time to let her know you will be coming.

June 13 –Monday – Seward Highway

Leader: Verna Pratt
Phone:
Time Allotted: 2-3 hours

Meeting Time: 6:45pm

Meeting Place: Potter Section House

Level of Difficulty: Easy-Moderate/**Adults only**

Directions: Meet at parking lot S. end Potter Section House; carpool to Falls Creek Trailhead
Description of trip: This is a "Weed Warriors" work party to remove *Tragopogon dubius* along the highway. This plant is a biennial with short-lived seed, so we won't let it bloom. Please help remove this problem from our lovely National Scenic Byway.

Items to bring: Dandelion digger type tools and gloves. Wear good sturdy shoes.

June 15 –Wednesday – Alaska Botanical Garden

Leader: Sue Jensen

Meeting Time: 7:00pm

Phone:

Meeting Place: ABG entrance near nursery.

Time Allotted: 2 hours

Level of Difficulty: Easy

Description of trip: Come help pull weeds from the Lowenfels Family Nature Trail. ANPS provides some of the funding for this interpretive trail. Let's help maintain it. Maximum distance: 2 miles. Bring dandelion diggers, knee pads or kneelers, bug repellent.

June 18 – Saturday Potter Creek Trail to McHugh Creek –with Anchorage Audubon

Leader: Andy Anderson-Smith/ Sirena Brownlee

Phone: Andy

, Sirena

Email: andersonsmith@gci.net

Meeting Time and Place: Meet at McHugh Creek Wayside at 7:00 am and carpool to Potter Creek Trail parking lot.

Time Allotted: 3+ hours to walk to McHugh Creek parking area along the Potter Creek trail.

Description: Enjoy the best of both worlds as we search for wildflowers and birds along the Potter Creek Trail. This is an easy hike through cottonwoods and aspen with many species!

Instructions: Bring a snack and water (or hot coffee.)

June 18 – Saturday – Bison Gulch to High Ridge on Mount Healy

Leader: Ken Johnson

Meeting Time: 10am

Phone:

Meeting Place: Bison Gulch Parking

Email: ken.johnson@alaska.com

Difficulty: Difficult

Time Allotted: All Day

Description of trip: A tremendous variety of wildflower favorites in a relatively short distance of hiking. View the fragrant pixie eyes: *Eritricium aretioides* and *Androsace chamaejasme* crouched side-by-side on the high ridge or the *Eritricium splendens* not far from the parking area from where we start and end.

Special Instructions: Please call the leader ahead of time to let him know you will be coming.

June 22 - June 26 - Homer / Kachemak Bay Ecology

Leader: Daisy Lee Bitter

Contact:

or daisylee@xyz.net

Description: Open to ANPS members only. \$250 for entire cost of vans, charters, housing
To reserve a space, potential participants need to mail me a check to Daisy Lee Bitter at
, Homer, AK 99603

Wednesday, JUNE 22 - 12 Noon- 9:30 PM: Homer: Alaska Islands & Ocean Visitor Center. Pratt Museum, Wynn Nature Center; Potluck @ () --Room for parking and sleeping

Thursday, JUNE 23 - Across Kachemak Bay to Jakalof Bay cabins

Friday, JUNE 24 - Exploring Jakolof Bay

Saturday, JUNE 25: Red Mountain/Seldovia Adventure - From sea level to alpine habitats

Sunday, JUNE 26- 9:30AM-Noon Jakolof Bay to Homer via seabird rookery

June 26 – Saturday – Lowenfels Nature Trail – Alaska Botanical Garden

Leader: Marilyn Barker

Meeting Time: 11:00am

Phone:

Meeting Place: Herb Garden

Time Allotted: 1-2 hours

Level of Difficulty: Easy

Description of trip: A short walk of about 2 miles. This easy stroll will go through spruce and mixed spruce birch forest. This hike is planned to coordinate with the Botanical Garden Fair. Plan to spend an hour with Marilyn to learn the native plants of the area.

Special Instructions: May need mosquito repellent.

July 2 – Saturday - Hatcher Pass Mountain Top Loop Trail – S Side of Pass

Leader: Ken Johnson

Meeting Time: 10am

Phone:

Meeting Place: Parking at Top of Pass

Email: ken.johnson@alaska.com Difficulty: Moderate, Steep at Start

Time Allotted: 3-5 hours

Description of trip: The road over the pass is closed when the road becomes dangerous because of snowfall, usually at the end of September, and is not plowed in spring. Great alpine saxifrages and short willows. Ride sharers leaving 8:30 pm from Muldoon Fred Meyers South Parking Lot near street, under sign.

July 7-July 11 Sand Point/Alaska Penninsula

Leader: Jeanette Kent and Marilyn Barker Email: contact Marilyn at afmhb@uaa.alaska.edu

Description: Limited to ANPS Members only. This will be a great chance to explore the Aleutian tundra vegetation which will be in full bloom. *Dactylorhiza* (Rose purple orchid) and Rhododendron will be a couple of the botanical highlights, as well as fields of Chocolate Lilies and Wild Geranium. One day will be devoted to a beach walk to survey coastal vegetation. In addition we will hike to fossil localities for wood and shells.

Directions: You will need to provide your own transportation to Sand Point.

The timing of the field trip coordinates with the Alaska ferry's (\$213 one way) arrival at Sand Point. The ferry departs Homer July 5 at 10:30pm and arrives Sand Point July 7 at 10:15pm. Timing does not permit a round trip ferry. Airfare to Sand Point from Anchorage is around \$800 roundtrip. Space is limited to 8 ANPS members only.

July 10 – Sunday – Girdwood Moose Meadows

Leader: Ken Johnson

Meeting Time 2pm

Phone:

Email: ken.johnson@alaska.com

Meeting Place: Moose Meadows

Time Allotted: 3-5 hours

Level of Difficulty: Easy

Description of trip: Chart our way beside tiny orchids cushioned in lush sphagnum along water courses pivoting around bog islands into intensively patterned sectors of the peat bog.

Directions: Drive approx 30 miles south from Anchorage on the Seward highway to Girdwood. Turn left into Girdwood, follow Alyeska highway until it ends. Left at Alyeska resort sign, drive a couple blocks, left into Moose Meadows parking lot. Ride sharers leaving 1:15 pm from SW Corner Parking Lot of Huffman Carrs.

Special Instructions: Wear tall waterproof boots.

July 13 –Wednesday – Alaska Botanical Garden

Leader: Sue Jensen,

Meeting Place: ABG entrance near nursery.

Meeting Time: 7:00pm – allow 2 hours

Level of Difficulty: Easy

Description of trip: Come help pull weeds from the Lowenfels Family Nature Trail. ANPS provides some of the funding for this interpretive trail. Lets help maintain it. This will be our final "weeding" on the trail this summer. It is a beautiful place to spend a summer evening. Maximum distance covered is 2 miles.

Special Instructions: Bring gloves, trash bags, bug dope and water bottle.

August 14 – Sunday – Arctic Valley

Leader: Verna Pratt,

Meeting Place: Under the Fred Meyer's sign

Time Allotted: 6 hours

off of Debarr Rd. in Muldoon to carpool

Meeting Time: 9:00am to carpool

Level of Difficulty: Moderate

Description of trip: This is a seed collecting trip. This is tedious but rewarding! Bring paper envelopes, pencils, and plastic bags for berries!

Special Instructions: Bring lunch, water and appropriate clothes. It can be windy on the ridge. There is a \$5 parking fee at Arctic Valley that supports the ski lodge facilities.

August 20 – Saturday – Hillside Park Mushroom Walk

Leader: Diane Plenninger

Phone: .

Time Allotted: 2 hours

Meeting Time: 2:00pm

Description of trip: Learn about local mushrooms and which are best for eating. Bring notepad and pencil and camera. If you wish to collect, bring a basket and paper bags.

Special Instructions: Uneven trail. No strollers and no dogs.

Meeting Place: Hillside ski area by trail sign
– if gate is closed meet at east end of Hillside Park parking area on Abbott Rd.

Level of Difficulty: Easy

September 24 – Saturday – Campbell Creek Science Center, N'tl Public Lands Day

Leader: Verna Pratt

Phone:

Time Allotted: 2-4 hours

Description of trip: ANPS members are needed to help fulfill our obligation to CCSC for meeting room rental. Come help with revegetation projects, trail projects, etc. Lunch and door prizes are provided afterwards by the Science Center.

Special Instructions: Wear boots, bring gloves

Meeting Time: 9:00am

Meeting Place: Campbell Creek Sci. Ctr

Level of Difficulty: Easy



OTHER UPCOMING PLANT EVENTS

Club Activities

May 5, Thursday Anchorage Garden Club - "Giant Vegetable Records" - presented by Kathy Liska, Superintendent of Crops, Alaska State Fair. 7:30 - 9 p.m., Pioneer Schoolhouse @ 3rd & Eagle St. , or <http://communitynews.adn.agclub>

May 12, Thursday Wildflower Garden Club: Annual Picnic & Work Party at the Botanical Garden. Let's work on our goal of creating waves of plants up & down the Wildflower Trail. Bring a bag lunch & your good company. Alaska Botanical Garden.

May 14, Saturday Alaska Chapter of the North American Rock Garden Society. 7PM
Graham Nicholls: "The Cultivation of North American Alpines." Loussac Library, Anchorage;
Cost: \$10 Contact: Carmel Tysver garden@gci.net

May 19, Thursday Wildflower Garden Club - **Sally Arant: Garden Tour of Sally's Spring Perennials** and purchase plants at "In The Garden",

June 2, Thursday Anchorage Garden Club - "Eating the Fruits of your Labor" - presented by Bob Boyer of the Pioneer Fruit Growers Association. 7:30 - 9 p.m., Pioneer Schoolhouse @ 3rd & Eagle St.

July 6, Wednesday Wildflower Garden Club - **Verna Pratt: Hatcher Pass Tour** - Bring your cameras & notepads as we expand your knowledge of Alaska's alpine flora. Carpool @ Fred Meyers on DeBarr, left of the Freddy's sign.

July 31 Anchorage Garden Club Annual City Garden Tour - 12:00 pm -5:00 pm - Come view 6-8 gardens around the city. Locations will be in the Anchorage Daily News on Friday July 29. View the gardens in any order between noon and 5pm.

Spring Plant Sales

Alaska Rock Garden Society: May 21: (Muldoon); 9 AM-4 PM
May 28: , off Fairview Lp. Wasilla; 9-4

Valley Garden Club: May 28: Wasilla Alternative School Parks Hwy
across from Spenard Builders, 9AM-4 PM

Anchorage Garden Club: June 4: 10 AM-4 PM

Wildflower Garden Club: June 4: (Muldoon); 9 AM-4 PM

Alaska Botanical Garden: June 25 Alaska Botanical Gardens

Nature Hikes

May 14, May 28, June 11, June 25. Eagle River Nature Center. Join ANPS member Andy Anderson-Smith for an easy 2 hr walk. Learn the names and habits of Alaskan plants along the Nature Center trails. The plant walk starts at 11:00 am, rain or shine, and is limited to the first 10 people to register (8 years old and up). Children must be accompanied by an adult. Register for the plant walk by calling Eagle River Nature Center at

PUBLIC GARDENS IN SOUTH CENTRAL ALASKA

The Matanuska Valley Agricultural Showcase - Palmer

Located next to the Palmer Visitors Center, this garden will delight any gardener. Thematic garden beds are filled with annuals, perennials, vegetables, herbs and fruits. Plants for special uses, like wind breaks and revegetation are identified. The garden is open to the public all day every day during the summer months. Plan to spend some time, as there are lots of plants to admire.

Alaska State Fairgrounds - Palmer

The gardens at the State Fairgrounds in Palmer are planned for viewing during the State Fair at the end of August. Color coordinated annuals decorate each entrance and specialty plantings of herbs, annuals and perennials are found throughout the grounds. Hanging baskets of rhodochiton are a fairgrounds specialty.

Pratt Museum - Homer

A trip to Homer may yield a visit to the Pratt Museum's native plant garden. This recreation of natural plant habitats exhibits Alaskan native plant associations. They are well labeled and an interpretive guide is available.

Pioneer Park - Soldotna

Planted and maintained by the local Master Gardeners, Pioneer Park is located on the river side of the Sterling Highway in the middle of town. It is primarily perennials highlighted by annuals. From pink silene in the early spring to multicolored yarrow and Asiatic lilies in the fall, it is always in blossom. Parking is informal and located at either end of the block-long park.

Chugach State Park – Chugach National Forest

While there are many fine public gardens in Southcentral Alaska where one may admire the profusion of beautiful flowers available to be grown here, the finest "garden" in our area is all around us! The public lands in Southcentral Alaska abound with lovely wildflowers, ferns, berries, mushrooms, grasses and shrubs.

These gardens are free to the public and open 24 hours a day, 7 days a week. There are gardens for people of all ages and physical capabilities. Children are welcome to peruse these 'gardens'. Hikes and short walks are great family events, as are mushroom hunts and afternoons spent picking berries.

Learning about these magnificent gardens is not as difficult as it seems. There are many good books available to assist in plant identification. There are also many tours and guided hikes available to those who are hesitant to strike out on their own. Information on these events can often be found in the local newspapers.

The rules are simple: treat the flora and fauna you may find along the way with courtesy and care. Leave things as you find them. Pack out what you take in. Be safe, and enjoy yourself!

Some Alaska Native Plant Sources

The State of Alaska Plant Materials Center (PMC) in Palmer publishes the "Directory of Alaska Native Plant Sources" in response to numerous requests from the public, industry, and agencies for sources of native plant materials from Alaska. The table below is from the most current directory that was updated in March 2004. On their web site you can find more information about the plants, the contact information for growers and suppliers, cultivars and varieties developed especially for Alaska, and seed standards developed by the "Alaska Seed Growers, Inc." http://www.dnr.state.ak.us/ag/NEWnative_directory.htm

		Location	Seeds	Plants
Arnica, Frigid <i>Arnica frigida</i>	Seeds of Alaska	Kenai	Packets	
Arnica, Meadow <i>Arnica latifolia</i>	Seeds of Alaska	Kenai	Packets	
Columbine, blue <i>Aquilegia brevistyla</i>	Granite Mountain Farms	Delta Junction		Containers
Columbine, western <i>Aquilegia formosa</i>	Granite Mountain Farms	Delta Junction		Containers
	P & M Garden Services	Eagle River		Containers
	Seeds of Alaska	Kenai	Packets	Containers
Daisy, arctic <i>Chrysanthemum arcticum</i>	Seeds of Alaska	Kenai	Packets	
Eskimo potato / alpine sweetvetch <i>Hedysarum alpinum</i>	Granite Mountain Farms	Delta Junction	Bulk	Containers
	Seeds of Alaska	Kenai	Packets	Containers
Fern, lady <i>Athyrium filix-femina</i>	Bush Landscaping & Nursery	Anchorage		Containers
Fern, ostrich <i>Matteuccia struthiopteris</i>	Bush Landscaping & Nursery	Anchorage		Containers
Fern, wood <i>Dryopteris dilatata</i>	Bush Landscaping & Nursery	Anchorage		Containers
Fireweed <i>Chamerion angustifolium</i>	Alaska Garden & Pet Supply	Anchorage	Bulk	
	Landscape Alaska	Juneau		
	Seeds of Alaska	Kenai	Packets	
Fireweed, dwarf or river <i>Chamerion latifolium</i>	Seeds of Alaska	Kenai	Packets	
Fleabane <i>Erigeron glabellus</i>	Granite Mountain Farms	Delta Junction		Containers
Forget-me-not <i>Myosotis alpestris</i>	Alaska Garden & Pet Supply	Anchorage	Bulk	
	Wildflowers of Alaska	Wasilla		Containers
	P & M Garden Services	Eagle River		Containers
Geranium, northern <i>Geranium erianthum</i>	Bush Landscaping & Nursery	Anchorage		Containers
	Seeds of Alaska	Kenai	Packets	
	Wildflowers of Alaska	Wasilla	Packets	
Harebell, common <i>Campanula rotundifolia</i>	Seeds of Alaska	Kenai	Packets	
Harebell, Mountain <i>Campanula lasiocarpa</i>	Sundawg Ranch	Salcha	Packets	
Iris, wildflag-blue <i>Iris setosa</i>	Baker's Acres	Wasilla	Packets	Containers
	Bush Landscaping & Nursery	Anchorage		Containers
	Far North Tree & Seed Co	Palmer	Bulk	Containers
	Landscape Alaska	Juneau		
Jacob's Ladder, beautiful <i>Polemonium pulcherrimum</i>	Seeds of Alaska	Kenai	Packets	
	Sundawg Ranch	Salcha	Packets	
	Bush Landscaping & Nursery	Anchorage		Containers
	Wildflowers of Alaska	Wasilla	Packets	
	P & M Garden Services	Eagle River		Containers
Jacob's Ladder, tall <i>Polemonium acutiflorum</i>	Seeds of Alaska	Kenai	Packets	Containers
	Alaska Garden & Pet Supply	Anchorage	Bulk	
	Baker's Acres	Wasilla		
	Shoen Farm	Two Rivers	Bulk	Containers
	Seeds of Alaska	Kenai	Packets	Containers

Larkspur <i>Delphinium glaucum</i>	Granite Mountain Farms	Delta Junction		Containers
Lily, chocolate <i>Fritillaria camschatcensis</i>	Seeds of Alaska	Kenai	Packets	
Lupine, arctic <i>Lupinus arcticus</i>	Wildflowers of Alaska	Wasilla	Packets	
Lupine, Nootka <i>Lupinus nootkatensis</i>	Alaska Garden & Pet Supply	Anchorage	Bulk	Containers
	Landscape Alaska	Juneau		
	Seeds of Alaska	Kenai	Packets	
Milkvetch, alpine <i>Astragalus alpinus</i>	Granite Mountain Farms	Delta Junction	Packets	Containers
Monkeyflower, yellow <i>Mimulus guttatus</i>	Seeds of Alaska	Kenai	Packets	
Oxytrope, field <i>Oxytropis campestris</i>	Granite Mountain Farms	Delta Junction	Bulk	Containers
Pea, beach <i>Lathyrus maritimus</i>	Seeds of Alaska	Kenai	Packets	Containers
Poppy, Lapland <i>Papaver lapponicum</i>	Granite Mountain Farms	Delta Junction		Containers
Poppy, Portage <i>Papaver alboroseum</i>	Granite Mountain Farms	Delta Junction		Containers
	Seeds of Alaska	Kenai	Packets	Containers
Rattlebox <i>Rhinanthus minor</i> ssp. <i>groenlandicus</i>	Landscape Alaska	Juneau		
Shooting Star <i>Dodecatheon pulchellum</i>	Landscape Alaska	Juneau		
	Seeds of Alaska	Kenai	Packets	Containers
Sweet Pea, wild <i>Hedysarum Mackenzii</i>	Granite Mountain Farms	Delta Junction	Bulk	Containers
	Seeds of Alaska	Kenai	Packets	
Yarrow <i>Achillea borealis</i>	Granite Mountain Farms	Delta Junction		Containers
Miscellaneous Herbaceous Plants: (Contact Nursery for more info.)	Ravens Gardens	Stirling		
	Glacier Gardens	Juneau		
	Fritz Creek Gardens	Homer		
	Mile 5.2 Greenhouse	Eagle River		
	Recluse Gardens	Wasilla		
	Rosie Creek Farm	Ester		
	Shoen Farm	Two Rivers		

ALASKA NATIVE PLANT NURSERY, Nancy Moore, Manager
 Trunk Spur Rd., HC 01 BOX 6150, Palmer, Alaska 99645
 (907) 746-7241 Fax (907) 746-7261 Nancy_Moore@dnr.state.ak.us

A Fern Resource



Go Native - Grow Your Own Ferns!

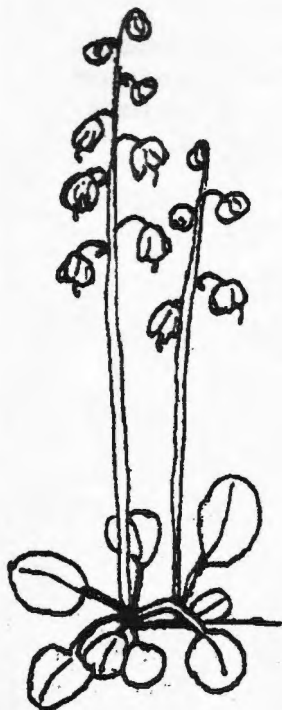
"Ferns: Wild Things Make a Comeback in the Garden" Brooklyn Botanic Garden 21st-Century Gardening Series Brooklyn Botanical Garden, 1000 Washington Avenue, Brooklyn NY 11225 · 718-623-7200 · Copyright © 2005 BBG; \$8.95.

Who needs flowers! The first fiddleheads of spring unfurl a world of green for the garden. Here's information on propagating, dividing, and growing, with an encyclopedia of 65 easy-to-grow species.

We've spent the year learning about native ferns of Alaska. Take some time this summer to learn how to add native ferns to your own gardens. This book by Brooklyn Botanic Garden tells you everything you need to know to get started successfully. Each chapter is written by a different fern growing expert. Here's an excerpt on vegetative, or asexual propagation written by Judith Jones.



MYSTERY PLANT



This woodland plant has small, rounded, thick evergreen basal leaves, with minutely toothed margins. There are several small greenish bell-shaped flowers on 5-6 inch thick stiff stems. The stigma protrudes slightly beyond the petals. It can frequently be found growing with other members of the genus and with *Cornus Canadensis* and *Linnaea borealis*.

(ANSWER BELOW)

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Newsletter ("*Borealis*")

Editor Ginny Moore

FAX:

Borealis is published bi-monthly October through May.
Articles may be sent to Ginny Moore,
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or E-mail: tgmoore@gci.net



To Carole Lloyd and Verna Pratt for
preparing presentations at the March
and April meetings.

YOU MAKE IT HAPPEN!

Mystery Plant Answer

Green Pyrola
Pyrola chlorantha
Pyrolaceae/Wintergreen
Family

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

- Full-time Student \$ 5
 Senior Citizen \$10
 Individual \$12
 Family \$18
 Organization \$30

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Membership is on a calendar year basis.

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



Last newsletter until October - we'll see you out in the field!
Check our website for more info.
<http://AkNPS.org>