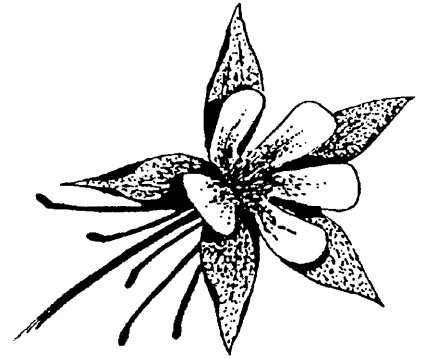


# Aquilegia



Newsletter of the Colorado Native Plant Society

“... dedicated to the appreciation and conservation of the Colorado native flora”

Volume 14, Number 1

January/February 1990

## Looking Back ... and Ahead!

### Jim Borland

While it may be important to remember that the decade of the '90s will not actually begin until 1991, convention demands that we 'get on with it' anyway. As we prepare for new challenges and the fun yet to be experienced meeting them, please take a moment to bask in the light of some of the Society's past accomplishments.

Under the more than able leadership of our past president, Eleanor Von Bergen, we have produced, perhaps for the first time, a highly visible and necessary public presence in the publication *Rare Plants of Colorado*. No less exemplary has been the long-term Florissant National Monument floristic survey work, the continuation of the extremely popular workshops, the beginnings of cooperative work with Rocky Mountain National Park, and tours to the four corners of the state.

The establishment of two new chapters in parts of the state important in their proximity to federal lands was extremely welcome. Many other works and projects are equally important, although too numerous to mention, and all have been valuable to the Society, the environment, and the people who enjoy its bounty. We thank all of you who have helped and participated, and challenge

all members to join the Society in its future accomplishments.

There is still much to be done. Where some projects are winding down or changing their focus, others, including the floristic survey of Castlewood Canyon and work in Rocky Mountain National Park, are just beginning.

If the private and public works currently underway are any indication, the use and appreciation of native plants in the landscape is becoming increasingly popular, and in some cases, necessary. Their importance is being noted in water conserving Xeriscapes and

dryland gardens, parks and greenways of a more natural flavor, and in the literature.

Partly to meet this and other challenges, and partly just to have some fun, we will attempt to offer a few additional services to the members, professional plant people, and to the public at large. Examples of this include a 'first-time' representation at the Colorado Nurserymen's Conference and Trade Show, a native plant sale, offerings of little publicized books on native plants and their uses, and the establishment of a scholarship fund in the name of John Marr. *continued, page 3*

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100%  
recycled

## Pictures, Please!

The Education Committee is still in need of the following specialized slides to round out the aspen slide program.

- Aspen leaves damaged by leaf miners
- Snowshoe hare tracks in snow
- Small conifers getting a start beneath aspen

If you could lend us slides like this, please contact:

Ann Cooper (447-9169)  
2839 3rd Street  
Boulder, CO 80304

Thank you!

## Next Issue . . .

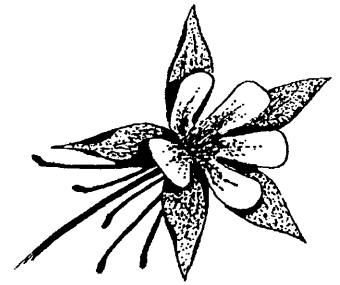
Look for articles in the next issue of *Aquilegia* on:

John Marr, and his contributions to Front Range ecology and CONPS

Weed Control Legislation: How it will affect native plant communities

We publish a variety of articles of interest to members in *Aquilegia*. Please send us your ideas for future articles; or send articles you have written to share with other members. Short items (200 to 500 words) of interest to plant enthusiasts are welcome. Longer items will be printed as space is available.

100% recycled paper



Plant illustrations are always needed. If you have drawings to submit, we encourage you to do so! If you would like to provide illustrations of specific plants as needed, let us know and we will call you!

Help us make YOUR newsletter what you want it to be!

# Aquilegia

*Aquilegia* is published six times per year by the Colorado Native Plant Society. This newsletter is available to members of the Society, and others with an interest in native plants. Contact the Society for subscription information.

Articles from *Aquilegia* may be used by other native plant societies if fully cited to author and attributed to *Aquilegia*.

The Colorado Native Plant Society is a non-profit organization dedicated to the appreciation and conservation of the Colorado native flora. Membership is open to all with an interest in our native plants, and is comprised of plant enthusiasts, both professional and non-professional.

Please join us in helping to encourage interest in enjoying and protecting the variety of native plants in Colorado. The Society sponsors field trips, workshops and other activities through local chapters and statewide. Contact the Society or a chapter representative or committee chair for more information.

### Schedule of Membership Fees

Life	\$250.00
Family or Dual	\$ 12.00
Supporting	\$ 50.00
Individual	\$ 8.00
Organization	\$ 25.00
Student or Senior	\$ 4.00

### Membership Renewals/Information

Please direct all membership applications, renewals and address changes to the Membership chairperson, in care of the Society's mailing address.

Please direct all other inquiries regarding the Society to the Secretary in care of the Society's mailing address.

### Newsletter Contributions

Please direct all contributions to the newsletter to:

Peter Root  
4915 West 31st Avenue  
Denver, CO 80212

Deadlines for newsletter materials are February 15, April 15, June 15, August 15, October 15 and December 15.

### Officers

President	Jim Borland	329-9198
Vice-President	Will Moir	482-4872
Secretary	Rob Udall	482-9826
Treasurer	Myrna P. Steinkamp	226-3371

### Board of Directors

Betsy Neely (90)	Boulder	443-8094
Jim Borland (90)	Denver	329-9198
Beth Painter (91)	Ft Collins	482-2283
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Tamara Naumann (91)	Boulder	440-8933
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Robert Udall (91)	Ft Collins	482-9826
Gayle Weinstein (91)	Denver	333-3024

### Chapter Presidents

Boulder	Margie Wortzman	494-1640
Denver Metro	Carol Dawson	722-6758
Ft. Collins	Jennifer Crane	493-2142
Yamparika	Reed Kelley	678-4666
San Juan	Peggy Lyon	626-5526

### Committees

Conservation	Sue Martin	226-3371
Editorial	Peter Root	433-9340
Education	Miriam Denham	442-1020
Field Trips	Jeff Dawson	722-6758
Florissant	Mary Edwards	233-8133
Horticulture/ Rehabilitation	Dorothy Udall	482-9826
Membership	Myrna Steinkamp	226-3371
Publicity	Tina Jones	759-9701
Workshops	Bill Jennings	666-8348

Looking Ahead . . . *continued*

There is plenty of room here for any member to increase his or her involvement beyond the very welcome check for annual dues. Fear not that added involvement absolutely requires a heavy investment in time and energy, or attendance at interminable committee meetings. All you need offer is a little enthusiasm and the willingness to have some fun!

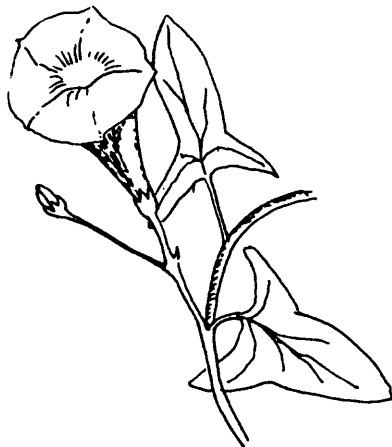
Although the Board of Directors is a bright bunch, they don't have a lock on all the good ideas. As your new president, I would like to hear about your fun ideas, articles you would like to see written, educational and public promotions, and general networking and integrations with other plant people.

Right now we need CONPS members who are also members of other plant or landscape organizations to help establish representation at their annual gatherings.

Don't pass up the chance to bask in the warmth of your own limelight while promoting some of the finest natural resources of the state. Remember, active participation in volunteer activities looks good on your resumé. Besides, it just feels good.

Write or call me with your ideas at:

Jim Borland  
320 Adams  
Denver, CO 80206 (303)329-9198



*Convolvulus arvensis*

## HAVE YOU PAID YOUR 1990 DUES??

The Membership Committee reminds you that dues cover a calendar year...so 1990 dues are now payable. Dues notices and questionnaires were mailed in mid-December; make sure yours wasn't lost in the holiday shuffle! Your mailing label on this newsletter shows the last year for which you have paid---if it does not read "1990" or later, it's time to renew. (Of course, your label may be incorrect if you renewed very recently.) We hope you will continue to endorse your Native Plant Society's actions and activities by renewing for 1990.

A word to the wise... there has been discussion among the Board of Directors that it may be time to propose a dues increase, perhaps to be voted upon by the membership at the fall 1990 Society meeting. Dues have remained at the levels established when the Society was founded in 1976, although costs for everything have increased greatly (and we're more active, too). So you may wish to consider prepaying at the current rate.

Thanks to those of you who have joined as supporting members, and to those who have added a voluntary donation to your basic dues. The Society puts all such contributions to good use, and they have allowed us to keep basic dues so low.

Please remember to keep us informed of your correct address. Newsletters and most other mailings are sent out under a bulk mailing permit, and are not returned to us if your address is wrong - they simply go to the dead letter file. We have no way of knowing you are not receiving your Society mail unless you tell us.

Send your dues and completed membership questionnaire to: CONPS Membership, P.O. Box 200, Fort Collins CO 80522. Thanks for your continued support!

---Membership Committee

## Astragalus Inventory

### Tamara Naumann

Last October 28, Joe Capodice, Wildlife Biologist from the Gunnison Resource Area, presented a talk at our annual meeting on management of *Astragalus microcymbus*. Each year the Bureau of Land Management (BLM) conducts inventories throughout the South Beaver

Creek area to locate new populations of *Astragalus* and to collect information on existing colonies. To help accomplish this task, the Bureau is always looking for individuals who may be interested in volunteering a week or two during the summer to help them work on inventories. Joe had contacted us and asked if any CONPS members were interested in volunteering this summer.

Inventories begin in June and run throughout most of the summer. He also mentioned that he may be able to provide housing and a limited food allowance. If you are interested, and would like to spend some time enjoying the beautiful Gunnison summers, contact Joe Capodice at 641-0471 anytime during the day.

## Chapter News and Schedules

### San Juan Chapter News

The San Juan Chapter continues to grow, as local plant enthusiasts come out of the closet. At the November meeting, members brainstormed projects and workshops they would be interested in, and it seemed the list would be endless. We were able to narrow it down to 24 exciting ideas.

The next activity will be a hike or cross-country ski trip, depending on snow conditions, combined with practice in winter identification of shrubs, on January 13th. Members will meet at the Bachman home in Ridgway at 10 AM, and return there for hot chocolate afterward. For more information, call Peggy Lyon, 626- 5526.

### Yamparika Events

The Yamparika chapter hosted a holiday gathering before New Year's — having CONPS president Jim Borland and his wife Dorothy as honored guests. The famous Hartley Bloomfield green chile chili was served, and the potluck event was well attended and well publicized by local media.

On Sunday afternoon, January 21, the Yamparika Chapter will sponsor, as the first of what is hoped will be monthly programs over the winter, a mini-workshop on "Noxious weeds, their impact on native vegetation, and what do we do about them?" The primary speaker will be Bryan Pritchett, president of the Colorado Weed Management Association, of Lakewood, who will talk about "what is a weed?" and discuss the weed control district legislation\* expected in this year's Colorado legislature.

### Denver Activities

**February 28th:** Classroom A. Steve Stone, an expert on a particular genus of moth found primarily in the southwestern U.S., will present a program entitled 'Buckmoths of the Southwest'.

**March 28th:** Classroom A. Dr. David Cooper will present a program concerning his work on the wetlands in South Park.

The Denver Chapter usually meets on the **fourth Wednesday** of the each month at the Denver Botanic Gardens (Classroom A or C) at 7:30 PM. Lists of speakers for future meetings will be available at each meeting. Contact Carol Dawson (722-6758) for information on chapter activities.

Other speakers will include Rio Blanco County weed management specialist Rex Townsley, White River Resource Area BLM range conservationist and weed control coordinator Mark Hafkenschiel, County Extension Agent Bill Ekstrom, and a representative of the Environmental Protection Agency. All Society members are especially welcome to attend — come visit Meeker that weekend! Anyone wanting more information about this should call Reed Kelley, 878-4666 or Jean Herron, chapter secretary-treasurer, 878-4862.

[See also the story of the Yamparika Chapter on page 10]

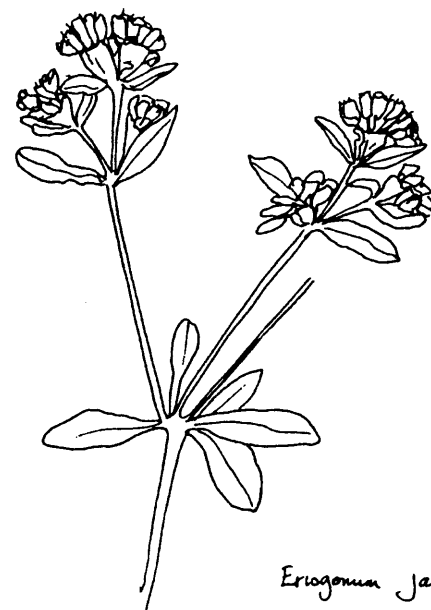
\***Ed. Note:** Look for details on this legislation and its effects in the next issue of *Aquilegia*.

### Boulder Meetings

**February 13th:** *What's Bugging our Natives?* Please join Dave Leatherman, CSU Forest Entomologist, as he shares his observations on unusual insects and their appetites for some of our lesser known native trees and shrubs. David will also speak on the local gypsy moth program, as well as answer questions regarding current insect problems among native conifer stands.

**March 13th:** *Native Flower Xeriscapes* Jim Knopf, Landscape Architect, has created beautiful, longlasting flower gardens using primarily native plants. He will present slides of these gardens along with information on propagating and growing these spectacular but rarely used plants. Also included will be a presentation on Boulder's Peace Garden, which contains Colorado native plants along with plants native to Dushambe, Boulder's Soviet Sister-City.

Boulder meetings are held at 7:30 PM at the Foothills Nature Center, 4201 No. Broadway, Boulder, unless otherwise specified. Call Margie Wortzman (494-1640) for additional information on chapter activities.



*Eriogonum jamesii*

## CONPS Workshops for Fall

### Bill Jennings

The Colorado Native Plant Society workshop series was established with the objective of having something to do during the winter when field trips are impossible. Since the first workshop in January 1985, 38 have been held.

Our concept of a workshop means bringing together plant lovers and a well-informed instructor who has photographs, herbarium specimens and live plants for the attendees to study hands-on, with opportunities for one-on-one interaction with the instructor as well as lectures to the group as a whole. No special skills or requirements, other than a love of plants and a desire to learn, are necessary for attending a workshop. Even though the descriptions may make these workshops sound highly technical, the case is exactly the opposite. The objective is to demystify plant identification and to allow the confused but sincere plant lover to better enjoy and understand our native plants.

### Bryophytes: An Introduction

Saturday, February 3, 1990

Dr. David Jamieson

The bryophytes (mosses and liverworts) are an interesting, but problematic, group because the structures that must be studied for identification are so small. Dr. Jamieson, of Fort Lewis College in Durango, has been studying the bryophytes in southwestern Colorado for many years. In this workshop, an important complement to our previous ex-

cursions into the lower plants (lichens, ferns, and fern allies), he will show us the diagnostic features of the mosses and liverworts, and the distinctions between the genera that can be found in Colorado. To be held at the Colorado School of Mines, Golden (Dr. David Cooper's lab/classroom).

### Primroses and their relatives in the Rocky Mountains

Saturday, February 24, 1990

Dr. Tass Kelso

Although there are rather few representatives of the Primulaceae in Colorado, as one proceeds onto the Colorado Plateau or into the Inter-mountain region, there are a number of interesting rare endemics. Dr. Kelso will take a regional view in this workshop and cover the genera *Primula*,

*Androsace*, and *Dodecatheon* in this family known for its attractive flowers. She is currently working on a key for the western species. If you ever wanted to help construct a key, this is your chance. To be held at Colorado College, Colorado Springs.



*Geranium caespitosum*

### Rocky Mtn. Moonworts

Saturday, March 17, 1990

Peter Root

Have you seen a *Botrychium*? If you have, you have had an experience many professional botanists have missed. Colorado is the home of perhaps a dozen species of these elusive ferns whose taxonomy has changed much in recent years. We will learn how to locate suitable habitats, look for *Botrychiums*, and identify them. If time permits, we will also look at *Equisetum* and *Lycopodium*, two genera of fern-like plants also found in the state. A possible summer trip to a *Botrychium* location near Denver will also be discussed. To be held at Denver Botanic Gardens Kathryn Kalmbach Herbarium.

## More Workshops for 1990

### Colorado Conifers

**Saturday, April 7, 1990**

**Leader: Jim Trammell**

Is a Douglas-fir tree a fir tree? Is Spruce Tree House at Mesa Verde named because of the spruce trees growing there? Are there cedar trees in Colorado? Learning to recognize the native conifer trees of Colorado will be the subject of this workshop. Participants will learn simple field characteristics of the leaves (needles) and the cones to aid in tree identification. Interesting facts and stories of the natural history of native conifer trees will also be discussed.

This half-day (9AM to Noon) workshop will be held at the Chatfield Arboretum Visitor Center (Deer Creek Schoolhouse) off Deer Creek Canyon Road at the extreme southwest edge of the Denver metro area. **NOTE: Fee, \$5 for members, \$10 non-members for this half-day workshop.**



### Adopt a Rare Plant Program

**Saturday, April 14, 1990**

**Leaders: Betsy Neely, Tamara Naumann, and Bill Jennings**

The Colorado Field Office of the Nature Conservancy is developing a volunteer-based 'Adopt a Rare Plant' program to update information on selected rare plant species for the Colorado Natural Areas Program database and to help with the Nature Conservancy project selection process. At this training session, participants will see photographs and specimens of some of Colorado's rare plants; will learn how to use a herbarium effectively; when to take and when not to take a specimen and how to press it if you do; how to take good photographs; how to use topographic and geologic maps; and what kind of information is important when a rare plant is found. After lunch, we will visit *Physaria bellii* sites north of Boulder.

Even if you do not plan to 'adopt' a plant, many will find this workshop a useful outline of the techniques that Betsy, Tamara, and Bill use when they search for rare plants. Looking for rare plants is the world's most frustrating occupation, making the search for the proverbial needle in a haystack seem simple by comparison, so find out what you need in your information arsenal before venturing into the wilderness. To be held at the Foothills Nature Center, Boulder.



*Penstemon grahamii*

### Registration for Workshops

Enrollment in workshops is always limited, usually due to room constraints, so you must register in advance. Contact CONPS workshop coordinator for registration and workshop information: **Bill Jennings, P.O. Box 952, Louisville, 80027, phone 303/666-8348.** Be sure to include your mailing address and phone number if you mail in your registration.

Please register promptly, as workshops tend to fill up fast.

However, cancellations sometimes create openings, so you might want to check with Bill up to the night before the workshop if you want to try to register at the last minute.

Unless otherwise noted, the fee for each full-day workshop is \$8 for members and \$16 for non-members. Half-day workshops are \$5 and \$10, respectively. Unless the workshop notice specifies, workshops are full-day and lunch is on your own.



*Achillea lanulosa*

## Natives in the Garden: *Fendlera rupicola*

Jim Borland

Augustus Fendler was so highly regarded as a collector of the flora of the West during the 19th century that prominent botanists of his day honored him by naming two genera and several species after him. One of these was Cliff Fendlerbush, also known as False Mockorange due to its similarity and family relationship to the real mock-oranges (*Philadelphus*).

This similarity is so striking in nearly every way that only the number of floral stamens separates the two. The most striking and sought-after feature of both is the large fluffy white blossoms which fill the air with their characteristic, almost triopical, aroma during May. In addition, the Cliff Fendlerbush's buds are usually tinged with a rose-purple color reminiscent of apple blossoms.

Native to Colorado, Arizona, New Mexico and western Texas, this shrub is most often encountered by tourists on their visits to the canyon-filled Mesa Verde, Grand Canyon, Aztec Ruins, Chiricahua and Navajo National Parks and Monuments. Here one finds the shrubs adhering to its name '*rupicola*' which refers to its habit of dwelling in rock. Its associates include the mixed cold desert shrub community of higher elevations.

Ranging in height from 3 to 9 feet, this upright, intricately branched, deciduous shrub displays its grey-green inch-long leaves on grey striped stems, that with age, shred into long reddish strips.

For western gardeners, one of the better attributes of the shrub is its ability to thrive in very dry, poor soil environ-

ments. Less than 15 inches of annual precipitation are measured in its natural habitat, but the rocky nature of the alkaline soils surrounding its roots may act as a natural moisture capturing and retentive mulch. Both its deep roots and in-rolled leaves aid in providing and conserving necessary moisture.

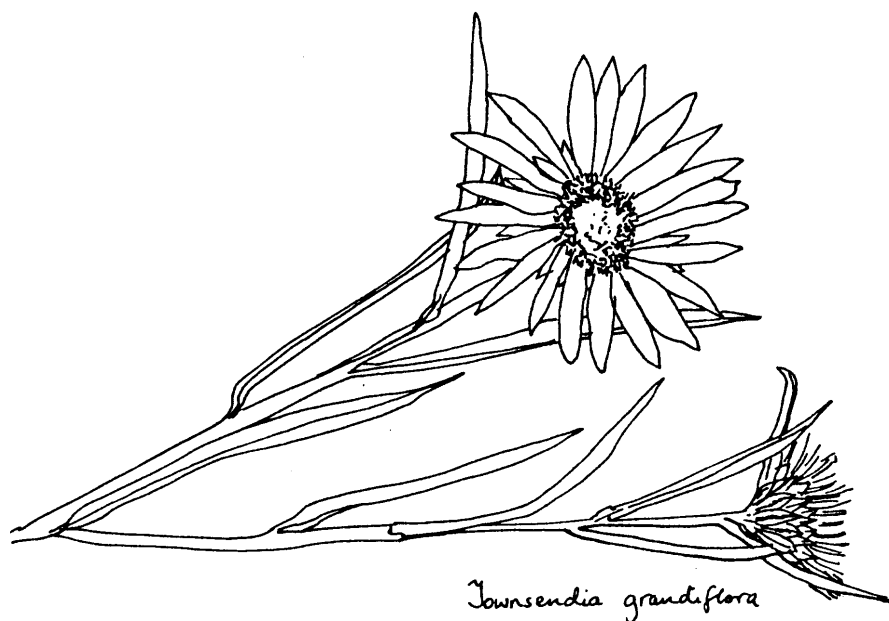
Limited commercial production has generally been accomplished through seed which is first stratified at 41°F for 60 to 90 days. Softwood cuttings in the mist bench have also been reported to work and propagators might also attempt the same procedures with this species as those which work with the true Mockorange. Cultivated plants will undoubtedly produce better cutting material than that from wild plants.

Problems in the nursery are generally associated with poor root aeration in the container. This problem is common to the growing of the many rock-dwelling inhabitants of the dry west which apparently expend an extraordinary amount of energy first on the production of an extensive and deep root system and less on top shoot growth. Provisions for better root aeration and root pinching of the transplants often aid in overcoming this problem.

Only full sun locations will provide the necessary ingredients for vigorous and compact growth in the landscape. Odd for a species so little known as this one, Hortus III notes that it is cold hardy enough for growing in New England.

When necessary, pruning practices should follow those used for the true Mockorange — prune old stems to the ground immediately after the blooming season.

Gardening with an ever increasing shortage of water need not mean giving up on all the attributes of familiar shrubs. Cliff Fendlerbush can supply nearly everything that the old standby Mockorange does.



*J. Townsendia grandiflora*

## High Altitude Revegetation Workshop March 1st and 2nd in Fort Collins, CO

Since 1974, the High Altitude Revegetation Workshop has been a pre-eminent forum for the discussion of the technology and unique environmental issues pertaining to revegetation and rehabilitation of disturbed lands at high elevations.

The Workshop is held every other year. It is a non-profit endeavor organized by a standing committee of volunteer professionals representing universities, government agencies, mining companies, ski areas, landscape architects, highway engineers and contractors.

The 1990 High Altitude Revegetation Workshop will be held on March 1st and 2nd, 1990, at the Fort Collins Marriott Hotel at 350 E. Horsetooth Rd. in Fort Collins, Colorado. The program will include special sessions dealing with:

- environmental regulations
- water quality issues
- reclamation of tailing and mine wastes
- microbiology in reclamation technology
- reclamation case studies

The Workshop will also include an extensive exhibitor area, poster displays, special luncheon and banquet presenta-

tions, and a keynote address. The keynote address will be given by James J. Scherer, Administrator, EPA Region VIII.

Registration for individuals will be \$115 and will include lunches, a banquet, and the published proceedings. Students may register for \$25 (does not include the lunches or banquet).

### *Registration and program information:*

Gary L. Thor (303)491-6517  
Department of Agronomy  
Colorado State University  
Fort Collins, CO 80523

### *Interested exhibitors contact:*

Mark Theisen (800)845-4453  
The Tensar Corp.  
1210 Citizens Parkway  
Morrow, GA 30260



*Oxytropis lambertii*



## Colorado Pesticide News

### Colorado Pesticide Network

Colorado's pesticide laws will be reconsidered by the Legislature in 1990. These include:

- **Pesticide Applicators Act (Title 35 Article 10):** Current law expires July 1, 1990 under sunset provisions; the new draft has been written.
- **Pesticide Act (Title 35, Article 9):** Proposed revision this session of this law regulating sales of pesticides.

Copies of the Pesticide Applicators Act can be obtained from the Colorado Pesticide Network (CPN, c/o Colorado Environmental Coalition, 777 Grant St. #606, Denver 80203) for \$3 per copy. Copies of the proposed revisions to the Pesticide Act will not be available until the legislative session begins.

The Pesticide Act could require posting of warnings about use of over-the-counter pesticides at sales outlets, but strong public support will be necessary to have this clause included.

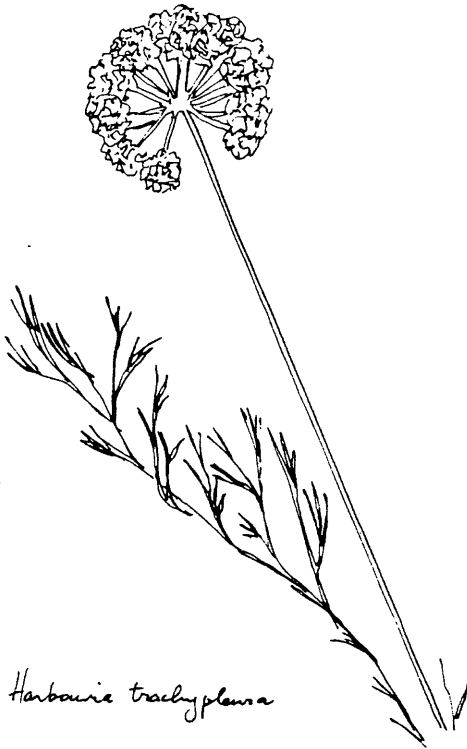
The Pesticide Act contains several key provisions:

- requires prenotification of next door pesticide application to pesticide sensitive people with a doctor's recommendation
- prevents a city or county from having laws more stringent than state law concerning commercial applicators
- the public pesticide applicator does not have to pay any fees although enforcement of the law is financed entirely by fees
- makes it an offense to make misleading statements
- makes it a violation to claim any pesticide is safe
- modifies the makeup of the present pesticide advisory committee by adding one public representative for a total of two public representatives out of 12 committee members

The proposed state law does not include:

- regulation for retailers who sell over-the-counter pesticides
- regulation of private applicators (greenhouses, nurseries, farmers or homeowners)
- a citizen's enforcement clause

Please write to both your state legislators now. Tell them about your concerns or past experiences with pesticides. Legislators need to realize that their constituents have serious concerns about pesticides. If you would like to receive the Colorado Pesticide News (an 8-page bimonthly), please let us know at the above address.



*Harboursia trachylepis*

### Population Conference

The CU Environmental Center in Boulder has announced a conference, *The Population Factor: A Conference about Population and the Environment*, to be held February 9 and 10, 1990. The agenda includes presentations and panel discussions by representatives of Zero Population Growth, National Audubon Society, and Earth First!, as well as local and nationally known speakers including Dr. Paul Ehrlich, former Governor Richard Lamm, and Dr. Warren Hern. The

primary focus is the effect of population growth on the environment, and the conference is co-sponsored by several local and national environmental groups.

The conference begins Friday evening and continues Saturday, ending that evening with Dr. Ehrlich's keynote speech. The conference fee is \$15 at the door. Contact the CU Environmental Center at 492-8308 for more information.

## Why and How – The Yamparika Chapter

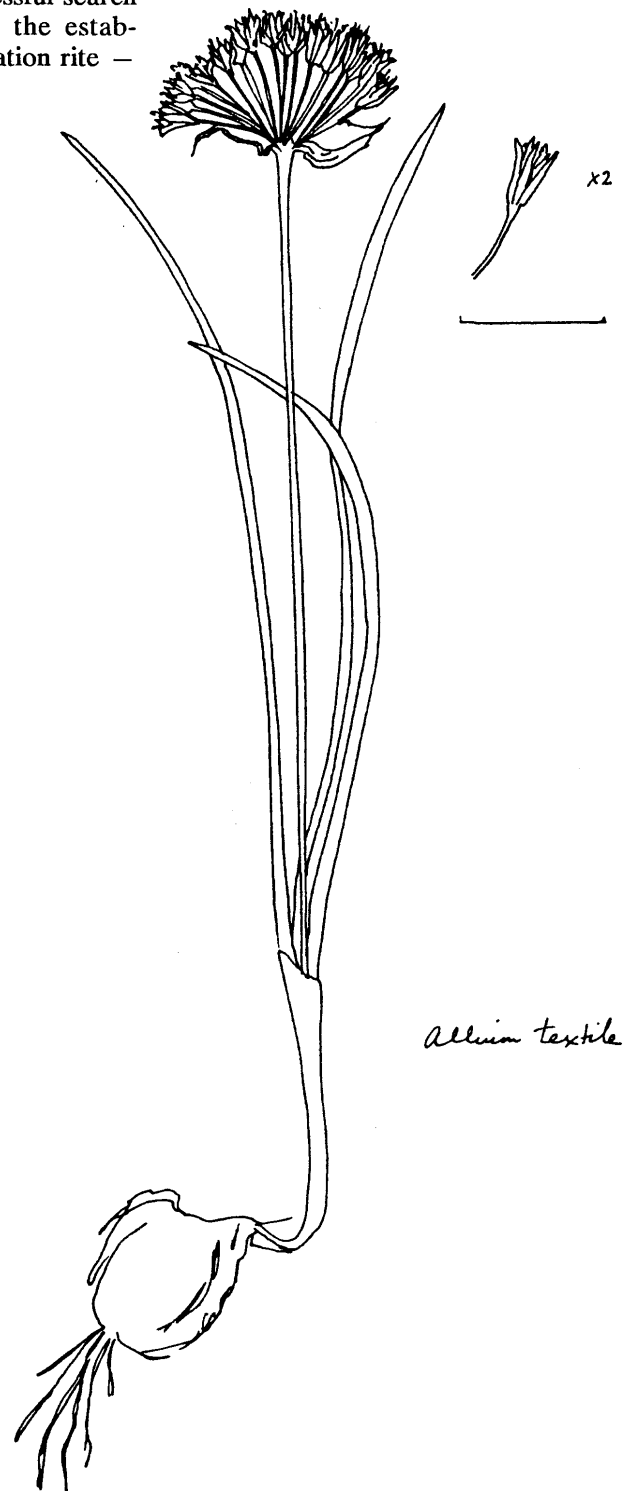
### Reed Kelley, Chapter President

Charter members of the proposed northwest Colorado chapter of the Colorado Native Plant Society met in the offices of Blue Sage Appraisal and Consulting in Meeker on August 10, 1989. The assembled group had more than the necessary number of participants to petition for chapter status. All were interested in Native Plant Society membership – some charter members were already CONPS members – but all wanted a local chapter affiliation, not one of those downstream Front Range chapters! But, what to name this chapter?

The logical choice was the Northwest Chapter as there were already charter petitioners from points as far-flung as Hot Sulfur Springs, Carbondale, and Grand Junction. The focus of the group, however, it was noted, would be the Yampa and White River drainages. Then it was pointed out by one member that the original band of Utes who roamed these drainages, using the grassland valleys especially, was the *Yamparika*. According to Hartley Bloomfield, one of the founding members, "the fact that the yampa is a plant whose roots were used locally by the Utes and that the group would, in fact, be focused on natives of northwest Colorado, we all felt the Yamparika name would be most appropriate, and

certainly more intriguing than just 'Northwest Chapter'!"

It wasn't until later that the chapter realized that the actual interpretation of *Yamparika* is "carrot-eaters" due to the Ute band's use of the roots of the yampa (*Perideridia gairdneri*), an umbellifer. Always inventive, the chapter's first official field trip was a successful search for the yampa plant and the establishment of a chapter initiation rite – eating of the yampa root!



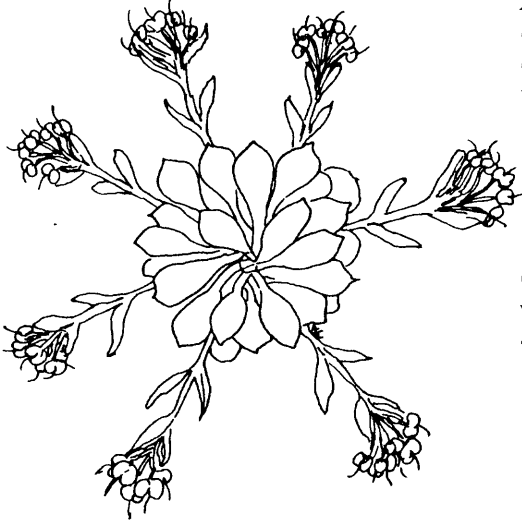
## How to Order Rare Plant Monograph

*Rare Plants of Colorado* is now available at Colorado State Park or National Park visitor centers, the Denver Botanic Gardens gift shop and selected bookstores in the area, including the Tattered Cover. You may also order direct from the Rocky Mountain Nature Association at \$7.95 per copy plus 3% sales tax. Shipping charges are:

Order under \$10	—	\$2.50
\$10-\$20	—	\$3.00
over \$20.00	—	\$3.50

Colorado Native Plant Society. 1989. *Rare Plants of Colorado*. Published in cooperation with the Rocky Mountain Nature Association. Designed by Ann E. Green. ISBN-0-930-487-21-4. 73 pages. Color photographs, line drawings.

Order from:	Rocky Mountain Nature Association Rocky Mountain National Park Estes Park, CO 80517
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*Physaria bellii*



© Crawford

# Calendar Overview

Additional information about calendar items will be found throughout this issue.

## 1990 Workshops

- |                            |                           |
|----------------------------|---------------------------|
| <b>February 3rd</b>        | <b>Bryophytes</b>         |
| Leader: Dr. David Jamieson |                           |
| <b>February 24th</b>       | <b>Primroses</b>          |
| Leader: Dr. Tass Kelso     |                           |
| <b>March 17th</b>          | <b>Moonworts</b>          |
| Leader: Peter Root         |                           |
| <b>April 7th</b>           | <b>Colorado Conifers</b>  |
| Jim Trammell               |                           |
| <b>April 14th</b>          | <b>Adopt a Rare Plant</b> |
| Neely, Naumann, Jennings   |                           |

## Other Events

- Chapter Activities** **Page 4**
- Denver Meetings:** January 24th, February 28th, March 28th
- Boulder Meetings:** February 13th, March 13th
- February 9-10 Population Conference**
- CU Environmental Center
- March 1-2 High Altitude Revegetation Workshop**
- Fort Collins Marriott Hotel

### RETURN AND MAILING ADDRESS

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Time Value Material - Mailed on or about January 20