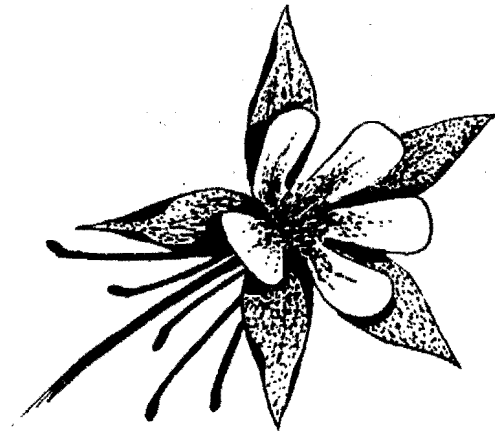


# Aquilegia

Newsletter of the Colorado Native Plant Society



"... dedicated to the appreciation and conservation of the Colorado native flora"

Volume 11, Number 6

November/December 1987

## CALENDAR

- January 30 - Rare Plants in Wyoming: Are There Any?  
Workshop: Hollis Marriott
- February 20 - Deciduous Trees of Northern Colorado  
Workshop: Gilbert Fechner
- April 23 - Improving Your Wildflower Photography  
Workshop: Bill Jennings and Loraine Yeatts
- May 14 - Natural Communities of Colorado  
Workshop: Sue Galatowisch

## BOARD NEWS

The following people were elected to the CONPS Board of Directors: Boyce Drummond, Tina Jones, Neal Osborn, Eleanor Von Bargen, and Gayle Weinstein. We welcome these new people to the Board.

Unfortunately, five ballots that were mailed were printed on one side only. We apologize for this oversight. The results of the election were not significantly affected. Thank you to everyone who sent in their ballots.

The Board of Directors met on Saturday October 24, at the home of Meg Van Ness. A quorum was not present so no official business was conducted nor was the election of officers held. The next Board meeting will be December 5, at 1:30 pm, at the home of Meg Van Ness, 124 Arapahoe Street, Golden.

## Colorado Flora: Western Slope

CONPS was able to get a discount on Weber's new Colorado Flora: Western Slope. We are passing this discount on to our members. The price is \$15 picked up or \$17 mailed. Contact Les Shader, c/o CONPS, P.O. Box 200, Fort Collins, 80522-0200, or phone 484-0107.



*Penstemon yampaensis*

## WORKSHOPS

Sat., January 30, 1987  
Rare Plants in Wyoming:  
Are There Any?  
Leader: Hollis Marriott

In 1986, The Nature Conservancy hired Hollis Marriott as "Wyoming Botanist" to upgrade the Wyoming rare plant database maintained by the Department of Environmental Quality. Working in cooperation with the Rocky Mountain Herbarium at the University of Wyoming, Hollis has spent the last two field seasons trying to determine just exactly which plant species are rare in the state and what protection efforts are needed. This workshop will cover rare and possibly threatened Wyoming plants, with emphasis on those closest to Colorado. Slides, specimens, maps, keys, some live material, and discussions will be used to address the problems of rarity: What is rare? Why save rare plants? How do we save rare plants? To be held at Foothills Nature Center, 4201 N. Broadway, Boulder.

Sat., February 20, 1988  
Deciduous Trees of Northern  
Colorado  
Leader: Gilbert Fechner

Workshop regulars may remember Dr. Fechner's excellent workshop on coniferous trees in November, 1985. This time, we will obtain an acquaintance with the native deciduous trees, especially in Acer, Alnus, Betula, Celtis, Populus, and Quercus. Topics to be covered include morphology, ecology, distribution, and importance of the native species in the above genera. A key will be provided and winter twigs and pressed specimens will be available for examination. To be held at the Natural Resources Research Laboratory, Colorado State University campus, Fort Collins. This will be a half-day workshop (9 am - noon). Registration fee: \$5.

Sat., April 23, 1988  
Improving Your Wildflower  
Photography  
Leaders: Bill Jennings and  
Lorraine Yeatts

If you have ever seen their slide shows, you know that Lorraine and Bill usually take good pictures. While luck and patience play a role in good photography, so do composition, light, film, and depth of field. Topics to be covered include differences in films, differences in cameras, how and when to use flash, the interaction of depth of field and lens f-stop, and how to deal with a tripod. To be held at the Foothills Nature Center, 4201 N. Broadway, Boulder. We will work indoors in the morning. After lunch, we will put our new-found knowledge to work and go photograph some flowers north of Boulder.



Melissa Manke de Olivera

Sat., May 14, 1988  
Natural Communities of Colorado  
Leader: Sue Galatowisch

Most are familiar with the life-zone concept: plains, foothills, montane, etc., but within each life zone are a number of plant communities. A plant community is an association of plants, regularly and repeatedly seen in a particular exposure, on a particular rock type, or in a moist or dry environment within a given life zone. Sue will explain exactly what is meant by a natural community, how to recognize one, the importance to the diversity of the natural flora, and above all, will present examples of numerous plant communities native to northern Colorado. Location to be announced, but to be held primarily in the field.

Enrollment in workshops is always limited, usually due to room constraints, so you must register in advance. To register and for more information about these workshops, contact CONPS workshop coordinator, Bill Jennings, 360 Martin Drive, Boulder, 80303, 494-5159. Be sure to include your mailing

address and phone number if you mail in your registration. Registrants will be notified by mail about two (2) weeks prior to the workshop regarding final location, time, lunch, suggested references, etc. Please register promptly as workshops tend to fill up fast. However, cancellations sometimes create openings, so you might check with Bill up to the night before the workshop if you want to try to register at the last minute.

The fee for each workshop is \$8 for members. For non-members, the fee is \$16. If you plan to attend more than one workshop per year, it is cheaper to join CONPS as an individual (\$8/year) and come to workshops as a member. You may pay in advance or at the workshop, whichever you wish.

It takes considerable time and effort for the instructors to plan and develop workshops and field trips. Please let us know how you like the workshops and field trips we plan. We need your suggestions for others, as well as your feedback on whether you found them informative and exciting or dull and uninteresting. We need to know whether we are serving you, our members, the way you wish.



# RARE PLANT MONOGRAPH PROGRESS REPORT

Work on the Rare Plant Monograph continues. Many volunteer hours have been contributed by CONPS members, whose activities have included photography and research of the 90-or-so taxa that will be included in the publication, review and cataloguing of color slides, art work, and other tasks.

The job is bigger than many of us envisioned, and we were not able to meet our Spring 1987 target publication date. We are pressing onward, however, and have good news to report on the funding front. Approximately \$14,700 have been raised from the following sources:

The Boettcher Foundation	\$10,000
CONPS member contributions	2,000
U.S. Forest Service	1,500
The MAKI Foundation	1,000
Boulder County Nature Association	200
	<hr/>
	\$14,700.

The Colorado Natural Areas Program has solicited 25 major Colorado foundations in the past year. In the next several weeks these foundations will be solicited again, using the Boettcher matching grant as added leverage. CNAP will also begin contacting smaller organizations and private individuals to round out the fund-raising effort. CONPS members who contribute \$25.00 or more are entitled to a complementary copy of the Monograph.

Artist Carolyn Crawford has completed the cover art work and a color rendering of *Braya humilis*, and continues work on species representing each of the other habitats (chapters). The Royal Horticultural Society has recently invited Carolyn to exhibit her work in London. We are very pleased to have Carolyn's contributions, all of which will be auctioned after publication of the Monograph.

Susan Galatowitsch has contributed line drawings of *Ptilagrostis porteri* and *Hypoxis hirsuta*.

We now have a very fine collection of slides, but we need more. If you have slides from the past field season, please consider donating or lending originals. Especially needed are the following:

## Forest habitats

*Dryopteris expansa* spreading woodfern  
*Trillium ovatum* western trillium

## Woodland habitats

*Frasera coloradoensis* Colorado gentian  
*Lygodesmia doloresensis* Dolores skeletonplant  
*Penstemon degeneri* Degener beardtongue

## Shrubland habitats

*Eriogonum pelinophilum* clay-loving wild buckwheat  
*Mentzelia densa* Royal Gorge stickleaf  
*Neoparrya megarrhiza* big-root neoparrya  
*Penstemon grahamii* Graham's beardtongue  
*Penstemon harringtonii* Harrington's beardtongue  
*Penstemon retrorsus* adobe beardtongue

## Grassland habitats

*Ambrosia linearis* streaked ragweed  
*Gaura neomexicana* ssp. *coloradensis* Colorado butterfly weed  
*Parthenium alpinum* alpine feverfew

## Wetland habitats

*Eriophorum altaicum* Altai Mountains cottongrass  
*Oenothera acutissima* narrowleaf evening primrose  
*Frimula egaliksensis* Greenland primrose  
*Sisyrinchium pallidum* pale blue-eyed grass

## Barrens habitats

*Gentianella tortuosa* Utah gentian

*Penstemon albifluvis*

White River penstemon

*Thalictrum heliophilum*

sun-loving meadowrue

Alpine habitats

*Armeria maritima* ssp. *siberica*

sea pink

*Eutrema penlandii*

Penland's eutrema

Cliffs and Canyons habitats

*Cirsium ownbeyi*

Ownbey's thistle

*Gilia penstemonoides*

Black Canyon gilia.

If you have high-quality slides, from the 1987 field season, please send them to:

Rare Plant Monograph

Colorado Native Plant Society

P.O. Box 200

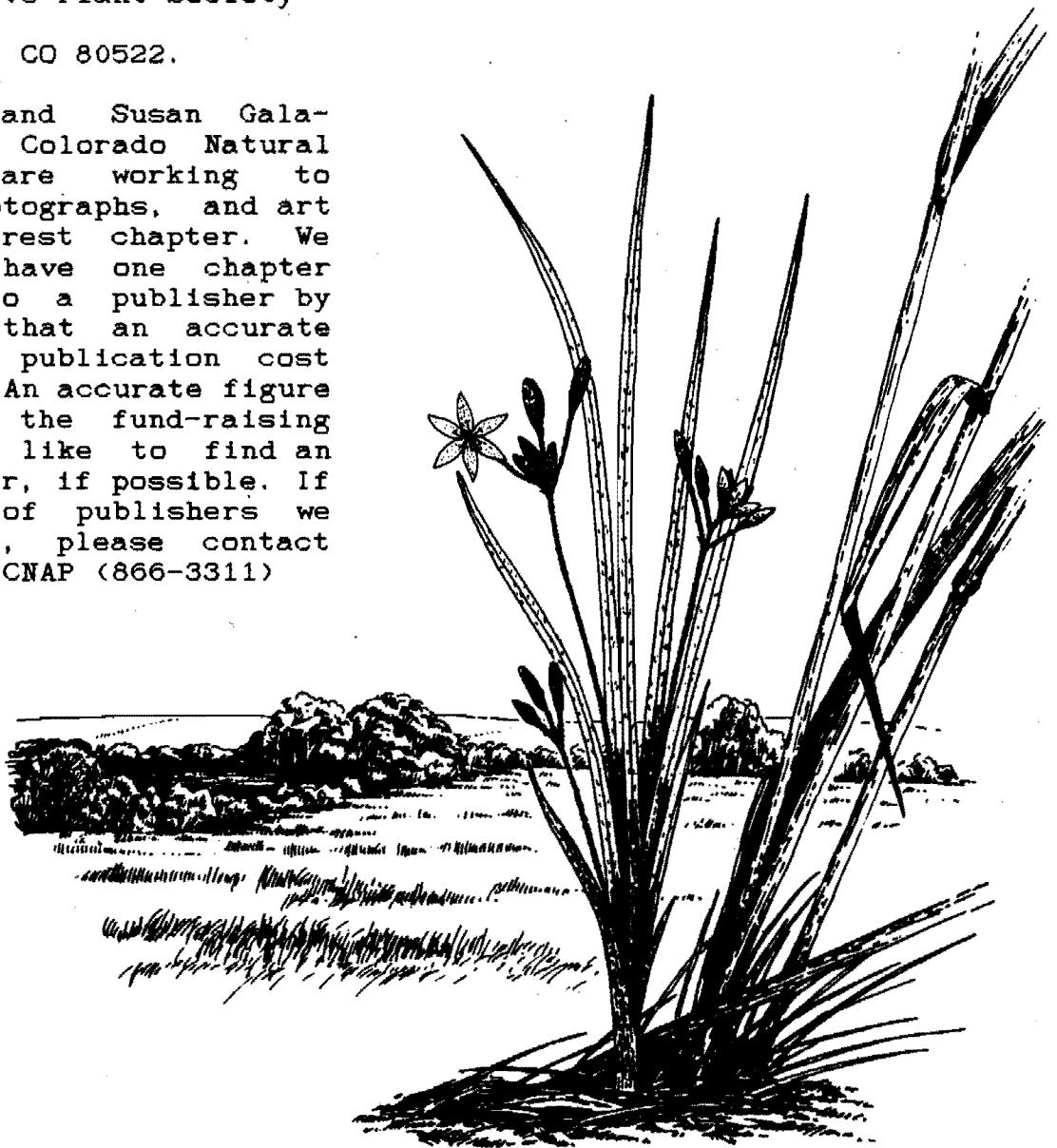
Fort Collins, CO 80522.

Tamara Naumann and Susan Galatowitsch of the Colorado Natural Areas Program are working to compile text, photographs, and art work for the Forest chapter. We would like to have one chapter ready to take to a publisher by mid-November so that an accurate estimate of the publication cost can be obtained. An accurate figure will assist with the fund-raising effort. We would like to find an in-state publisher, if possible. If you are aware of publishers we should consider, please contact Tamara or Sue at CNAP (866-3311)

We hope to schedule one or two "research parties" in the near future. Historical tidbits will be the primary focus. Further details will appear in the next newsletter.

Warm thanks and a pat on the back to all who have contributed to this important effort. For more information on how you can be involved, call CNAP (866-3311). If you would like to make a special contribution, send a check made out to CONPS (note "Rare Plant Monograph" on the check).

-Tamara Naumann



## ANNUAL WILD LANDS AND RIVERS RAFFLE TAKES OFF!

Wilderness enthusiasts again have a chance to win week-long raft trips, tents, sleeping bags, and backpacks and help protect threatened wild places at the same time. Tickets are now being sold for the 1987 Colorado Wild Lands and Rivers Raffle. The raffle benefits the wilderness and rivers protection work of the Colorado Environmental Coalition and the Sierra Club. Tickets are only \$1 each or 6 for \$5.

The Grand Prize is a week-long trip for two on the Dolores River in southwest Colorado donated by Humpback Chub River Tours of Dolores. First Prize is a four-day raft trip for two on the Green River through Dinosaur National Monument donated by the Colorado Outward Bound School. Many other generous manufacturers and shops have donated backpacks, tents, boots, jackets, sleeping bags, and life jackets to help these two groups raise money for their work to protect Colorado's National Forests, Bureau of Land Management lands, and threatened free-flowing rivers.

The raffle drawing will be held during a Christmas party for the groups' members and the public on Friday, December 18, at Govnr's Park Restaurant, 7th and Logan, Denver. The party will begin at 8:30 pm with the raffle drawing at 10 pm. Admission is \$2.


The Colorado Environmental Coalition has worked since 1965 to promote environmental values and to achieve the conservation of natural resources in Colorado. Forty civic, professional and environmental groups belong to CEC along with over 1000 individual members. CEC's staff and volunteers work on wilderness and wild rivers protection, clean air, hazardous waste, and water issues. CEC is leading the effort to protect 760,000 acres of national forest as wilderness in

legislation now before Congress. CEC is also coordinating citizen opposition to Two Forks Dam.

The Sierra Club's purpose for nearly a century has been to "explore, enjoy, and protect the wild places of the earth". The Rocky Mountain Chapter's 10 groups and 8,000 members in Colorado work on wilderness and wild rivers protection, hazardous substance management, and urban land use. For more information, contact the Sierra Club, 2239 E. Colfax, Denver, 80206, or call 321-8298.

Anyone interested in buying tickets is urged to contact the Colorado Environmental Coalition at 2239 E. Colfax, Denver, 80206, or call 393-0466. All are invited to the drawing and party!

### 1987 Colorado Wild Lands & Rivers Raffle



Colorado Environmental Coalition  
3001 Canyon Blvd., Denver, CO 80202

License # 87-1291

Win 1 of Over 30 Great Outdoors Prizes!



SIERRA CLUB  
Rocky Mountain Chapter  
3200 East Colfax Avenue  
Denver, Colorado 80206







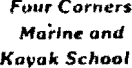
**Tickets \$1 or 6 for \$5 — Donation or Presence Not Required to Win**

Proceeds benefit Wilderness & Rivers Protection Work of the Colorado Environmental Coalition and the Sierra Club. Drawing & Christmas Party: 8:30 pm, Friday, December 18 at Govnr's Park Restaurant, 7th & Logan in Denver. Live Music and Dancing!

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**GRAND PRIZE:**  
7 Day Raft Trip for 2 on the Dolores Proposed Wild River (\$500)  
donated by Humpback Chub River Tours  
P.O. Box 1109 Dolores, CO. 81323 Ph. (303) 882-7040

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<div style="text-align: center; margin-bottom: 10px;">  <p><b>OUTWARD BOUND</b></p> </div> <p>4 Day Raft Trip for 2 on the Proposed Wild Green River Through Dinosaur (\$1000) donated by Colorado Outward Bound School, 345 Pennsylvania Ave. Denver, CO. 80206 Ph. (303) 937-0880</p>	<div style="text-align: center; margin-bottom: 10px;">  <p><b>adrift adventures</b></p> </div> <p>2 Day North Platte Raft Trip for 1 (\$150) donated by Adrift Adventures: 818 Orchard Pl. Ft. Collins, CO. 80521 Ph. 483-4005</p>
<div style="text-align: center; margin-bottom: 10px;">  <p><b>THE NORTH FACE</b></p> </div> <p>North Face "Dragonfly" Tent (\$275) donated by The North Face 679 S. Broadway, Boulder, CO. 80302 Ph. (303) 448-1721 &amp; 2480 So. Colorado, Denver, Ph. 758-6266</p>	<div style="text-align: center; margin-bottom: 10px;">  <p><b>KELTY</b></p> </div> <p>Kelly "China Clipper" Travel Pack (\$150) donated by Kelly: 118 Industrial Dr. New Haven, MD. 20668 Ph. (314) 237-4427</p>
<div style="text-align: center; margin-bottom: 10px;">  <p><b>9KUSA</b></p> </div> <p>Whitewater Video Workshop with Bill Ward from Channel 9-KUSA (\$250) donated by Channel 9-KUSA 1069 Sanson Denver, CO. 80204 Ph. 892-4491</p>	<div style="text-align: center; margin-bottom: 10px;">  <p><b>Mountain Sports</b></p> </div> <p>MEI Flying Scotsman Internal Frame Pack (\$120) donated by Mountain Sports, 821 Pearl St. Boulder, CO. 80302 Ph. 443-6770</p>
<div style="text-align: center; margin-bottom: 10px;">  <p><b>patagonia</b></p> </div> <p>2 Shelled Synchilla Fleece Jackets (\$95 each) donated by Patagonia P.O. Box 150, Ventura, CA. 93002 Ph. (805) 653-4355</p>	<div style="text-align: center; margin-bottom: 10px;">  <p><b>Vasque</b></p> </div> <p>Vasque Skywalk lightweight hiking boots (\$120) donated by Vasque Boots 418 Brush St. Reading, MA. 05594 Ph. (617) 388-8211</p>
<div style="text-align: center; margin-bottom: 10px;">  <p><b>Colorado Kayak Supply</b></p> </div> <p>Dry Top II Pullover (\$90), Freedom Jacket (\$54), and Phase III Fleece Sweater (\$45) donated by Colorado Kayak Supply Box 2056 Buena Vista, CO. 81211 Ph. (800) 535-3565</p>	<div style="text-align: center; margin-bottom: 10px;">  <p><b>Four Corners Marine and Kayak School</b></p> </div> <p>2 Type V Life Jackets \$55 each donated by Four Corners Marine and Kayak School P.O. Box 378 Durango CO. 81302 Ph. (800) 492-8080</p>

and more great prizes!

**For Tickets Write: CEC-2239 E. Colfax, Denver, CO 80206**

## SOME NEW HETEROTHECAS IN COLORADO

Heterotheca, the golden aster, is abundant in Colorado, but its taxonomy is enough to drive even the professional berserk. The taxa now recognized still are too heterogeneous for comfort, and probably they hybridize to some extent. At any rate, the publication of two new taxa does tend to clear the air a little. Heterotheca pumila (Greene) Semple is a species of the upper subalpine and alpine, usually on screes of granitic ranges in Colorado. It is a low plant forming clumps of simple stems terminated by single heads with longer ray-flowers than those of H. villosa, the common plant of lower elevations. It seems to be easily separated in the herbarium and the field. Other names that this species has gone under are: Chrysop-

sis pumila Greene, C. alpicola Rydb., C. cooperi Nelson, and C. alpicola var. glomerata Nelson.

A minor but very distinctive race of H. villosa occurs in southwest Colorado and adjacent New Mexico: H. villosa var. pedunculata (Greene) V. Harms ex Semple. It is distinguished from H. villosa by having short appressed hairs on the stem and leaves and elongated peduncles with one or a few small heads. It is abundant around Pagosa Springs, the type locality.

A monograph is in progress, which may help to straighten out the other problems involving Colorado Heterotheca. For details, see Semple, John C. 1987. New names, combinations and lectotypifications in Heterotheca. Brittonia 39:379-386.

Dr. William Weber



ENDANGERED SPECIES ACT  
REAUTHORIZATION UPDATE

The following notes of interest appeared in the August 28, 1987 issue of the Endangered Species Act Reauthorization Bulletin:

"HELPING LANDOWNERS NAIL PLANT  
PURLOINER

Another gap in the Endangered Species Act is the minimal protection afforded endangered plants. The Coalition is proposing two amendments that will increase this protection. The first amendment would make it a federal offense to damage or remove listed plants from private property, where state laws forbid such collecting, theft, or trespass; it would also prohibit vandalism of listed plants found on federal lands. Although the Reagan Administration concedes that it is aware of 'several instances of deliberate vandalism or collecting of listed species on private lands,' it opposes this amendment as unnecessary.

The second plant amendment would give the FWS [Fish and Wildlife Service] joint responsibility with the Animal and Plant Health Inspection Service (APHIS) for prosecuting people who import or export plants in violation of the Act of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). Despite evidence of frequent violations, APHIS has sought prosecution of only one dealer in 10 years--that case was in 1978. In contrast, FWS has brought two cases against cactus exporters and two against ginseng dealers since 1982. Because FWS lacks direct jurisdiction over plant imports and exports, it has had to rely on troublesome indirect authority to bring these cases. Our amendment would enable FWS to proceed more directly.

EXPORTING EXTINCTION

Despite increasing worldwide concern about the accelerating destruction of tropical rain forests and the subsequent loss of biological diversity, in June 1986 Interior Secretary Hodel rescinded regulations under the Act that provide safeguards for endangered species outside the United States. Previously, federal government agencies had been required to make certain that their activities abroad did not imperil listed species. The Coalition is seeking an amendment to the Act to restore the protection for endangered species in other countries. The Secretary's refusal to apply the Endangered Species Act to American actions affecting listed species overseas is a serious weakening of the law, because half the species currently on the Secretary's list occur outside this country. For example, the Bureau of Reclamation has been assisting the design of Three Gorges Dam in China, a project that threatens the white flag dolphin, the Chinese alligator, and the Siberian white crane.

HOW YOU CAN SAVE ENDANGERED  
WILDLIFE [AND PLANTS]

You can help ensure passage of a strong Endangered Species Act by writing, calling (through the Capitol Switchboard at 202-224-3121), or visiting your Representatives and Senators as soon as possible. Urge them to contact House and Senate Subcommittee Chairmen, Representative Gerry Studds and Senator George Mitchell, and full Com-



mittee Chairmen, Representative Walter Jones and Senator Quentin Burdick, in support of greater funding levels and a 'cause of action' for damages and increased protection for plants and candidate species and endangered species abroad. Request that they vigorously oppose all weakening amendments that would allow increased hunting of wolves and grizzly bears, unrestricted dam construction on western rivers, and continued killing of sea turtles. This is a critical time for contacting Congress--much of the shape of the ESA for the next five years will be determined

during the committee work coming up in September."

The Endangered Species Act Reauthorization Bulletin is a cooperative newsletter providing information related to implementation and reauthorization of the Endangered Species Act. The Act is up for reauthorization this year and needs your support! If you would like to receive the ESARB newsletter by mail, contact the Natural Resources Defense Council, 1350 New York Ave., NW, Washington, D.C. 20005.

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#### COLORADO ON THE EDGE

A Conference About the Future of Colorado's Environment  
February 12 and 13, 1988

The conference opens with a discussion panel, to be held in Denver, in which six well-known citizens, active in public affairs, will share their perspectives on how to integrate economic growth with environmental protection.

Saturday morning, which will be held in Boulder, will start with an overview of Colorado through time, beginning with its past as an undeveloped frontier up to land uses of today. Possible future scenarios will be proposed and envisioned. The purpose of this session is to introduce newcomers to the unique qualities of Colorado's natural environment, and to enhance their understanding of current issues.

Late Saturday morning and Sat-

urday afternoon will consist of concurrent sessions covering Colorado's major environmental issues, including strategy workshops. After the issue sessions will be a wrap-up panel of environmental leaders discussing future directions for Colorado's environmental community.

Following a reception for speakers and students, wilderness author Roderick Nash will give a keynote speech addressing the question of a sustainable future for Colorado. The Conference ends with an "I Love Colorado" Valentine's Eve dance. The fee for the conference is \$12 for the Friday and Saturday programs, and \$5 for the luncheon in the University Ballroom, or \$15 prepaid, for both. (The dance is additional, the band to be announced.)

For more information contact the CU Environmental Center, UMC 331, Campus Box 207, University of Colorado, Boulder, 80309-0207.

## COLORADO GYPSY MOTHS Summer Findings

This year at least four Colorado families were stopped at the California border for a gypsy moth check. Both Fort Collins and Boulder are quarantined communities because of gypsy moth infestations found in the past few years.

This summer high density male gypsy moth trapping in both Boulder and Fort Collins was instituted with low density trapping spread out around the rest of the state. Over 370 male moths were counted in traps from the communities this year. The use of the high density traps allowed the State Forester to pinpoint the location of the moths in Boulder and in one area in Fort Collins. A subsequent search of the area netted a find of 148 egg masses about 1/2 the anticipated number laid.

In the true spirit of Integrated Pest Management a few eggs in each community were tagged and covered and left in place so that the life cycle of the gypsy moth can be studied in Colorado. When the eggs begin to hatch a very localized but intense control program can be instituted and perhaps lead to eradication of the pest from these communities. The con-

trol program may include pesticide spraying in a one block area rather than a community wide program had they not been able to pinpoint the pest.

Although the gypsy moth was pinpointed in one part of Fort Collins there is at least one area there where the exact location of the pest is not known yet. The results from this summer's trapping are not entirely known and not until all the data is in will final decisions be made as to next year's program.

Meanwhile in Wheat Ridge, a Denver suburb, a total of 38 moths were collected in 2 traps. This compares to last summer's numbers of 56 moths in 14 traps in Fort Collins and 46 moths in 13 traps in Boulder. Wheat Ridge has joined the quarantine list! People moving from any of these communities to California or other states strictly enforcing the quarantine will want to be certified gypsy moth free before leaving Colorado. For further information concerning the gypsy moth program contact Dave Leatherman, Colorado State Forester at 893-7003 in Fort Collins.

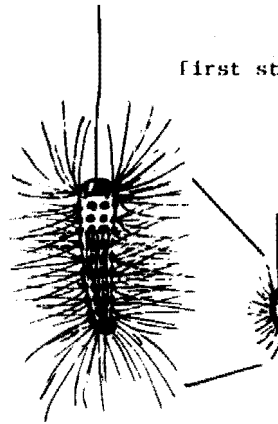
Reprinted from the Colorado Pesticide Network Newsletter, Sept. 1987.

**GYPSY MOTH IDENTIFICATION -- HIGHLIGHTS AND CAUTIONS**

Excellent color illustrations can be found in the references cited, especially those from the U.S. Forest Service. Some main points:



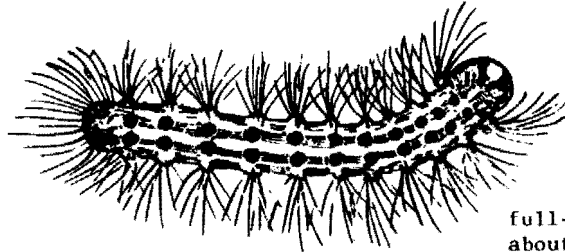
non-flying female laying eggs



first stage caterpillars balloon when the wind catches the silk suspension thread and the long hairs on the 1/4 inch black larvae.

actual size

smaller brown males are similar to many other moths

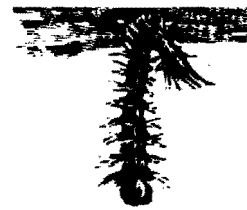


full-grown caterpillar, about 2 inches long, blue and red spots along the back



do not confuse with tussock moth caterpillar, left, 1 3/4 inches, or tent caterpillar, right, up to 2 inches long.

typical position of caterpillar killed by nuclear polyhedrosis virus (NPV); they tend to hang by their prolegs, in a J- or V-shaped position.



SAB

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Colorado Native Plant Society  
 P.O. Box 200  
 Fort Collins, Colorado 80522

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

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.

There is a special need for short items such as some unusual information about a plant, a little known botanical term, etc. Please include author's name and address, but items will be printed anonymously if requested.

MEMBERSHIP RENEWALS AND 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.

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Time Value Material - Mailed on or about November 15



COLORADO NATIVE PLANT SOCIETY

FT. COLLINS CHAPTER

1987-1988 CALENDER

- November 10      **The Ecology of the Seward Peninsula, Alaska**  
Carol Brandt, Botany Dept., Colorado State University.
- December 8      **Rocky Mountain National Park: Search for our Botanical Legacy**  
Lorraine Yeatts, Denver Botanic Garden, Kalmbach Herbarium
- January 5        **Ethnobotany of Central America**  
Don Hazlet, Central Plains Experimental Range, Natural Resources Ecology Lab
- February 9      **Wildflowers of Big Bend and Guadalupe Mountains National Parks, Texas**  
Bill Jennings, Boulder Chapter, Colorado Native Plant Society
- March 8         **The Flora of the Galapagos Islands**  
Myrna Steinkamp and Sue Martin, USDA Crops Research Laboratory

**Field trip:** Saturday, December 3, Visit Cheyenne Botanic Garden-Solar greenhouses of Shane Smith or Denver Botanic Gardens, weather permitting. Meet at Safeway Parking lot on corner of Mulberry and College at 8:30 am to carpool. Leader: Derek Marchi (224-3324).

Monthly meetings are held on the second Tuesday of the month at 7:30 pm in Rm. E112, Plant Sciences Building, Colorado State University Campus, Ft. Collins. Call Derek Marchi (224-3324) or Betsy Neely (224-4193) for further information. The meetings are free and open to the public, and refreshments are served. Please come join us!