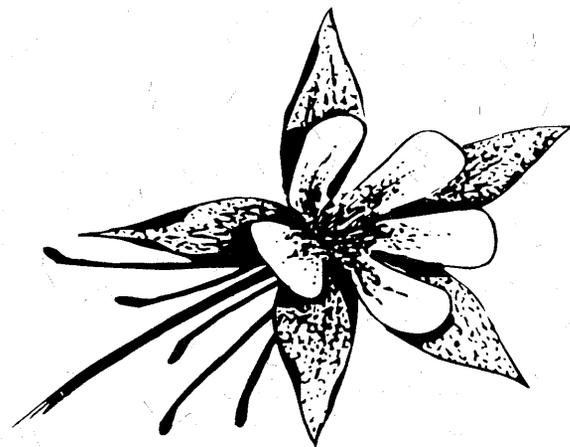


Aquilegia



Newsletter of the Colorado Native Plant Society

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

Volume 23 Number 5

Workshop Edition

September—October 1999

1999 - 2000 Colorado Native Plant Society Workshop Program CoNPS Workshop Committee, Bill Jennings Chair

The Colorado Native Plant Society is proud to present the workshop schedule for our 16th season providing members with wintertime educational activities. Workshops bring native plant lovers together with a well-informed instructor, who may have herbarium specimens, live plants, photographs, taxonomic keys, and other materials available for hands-on study. The opportunity to receive one-on-one instruction and informative lectures has made the workshop series one of the most popular Native Plant Society programs. Attendees need no special skills or background; a love of plants and a desire to learn are the only prerequisites. There are no exams, grades, or homework; and working together is encouraged. The goal is to demystify plant identification and to enhance in all of us our enjoyment and understanding of Colorado's native flora.

To register for workshops, please call (303) 665-6903 and leave a message on the answering machine. You may also register by writing Bill Jennings, P.O. Box 952, Louisville, CO 80027. However you register, be sure to provide your name, address, telephone number (including area code!), and which workshops you wish to attend. If multiple sessions are scheduled, be sure to indicate preference. Receipt of your registration request will be acknowledged within a few days.

About ten days prior to the workshop, registrants will receive notice by mail regarding location, time, lunch, references, and supplies, with a list of other registrants to encourage carpooling. The fee for each workshop is \$12 for CoNPS members and \$24 for non-members (\$12 for the workshop, plus \$12 to join CoNPS). Members of native plant societies from neighboring states are considered members of CoNPS for the purpose of workshop registration. Payment is made on the day of the workshop.

Workshops have been very popular in the past, with multiple sessions frequently scheduled to meet demand, or with long waiting lists for the seats available. However, no-shows have been a problem. There are only so many seats available in the classrooms and labs in which these workshops are held, and we are holding a seat for you. If you find that you CANNOT attend a workshop for

which you have registered, please call and cancel your registration as soon as possible!

Long-time members of CoNPS may recall that Bill did much of the work organizing workshops, taking registrations, sending notices, taking payments, and providing refreshments, as well as teaching occasional workshops. We encourage CoNPS members to join the Workshop Committee and help ensure the continuation of the program. Any and all help is always appreciated.

Volunteers are needed to lead workshops, particularly for plant families with few representatives in Colorado. If you have a favorite plant family or genus, or there is a family or genus about which you wish to know more, then consider leading a workshop on the topic. Refer to the books of Dr. William A. Weber (*Colorado Flora: Eastern Slope*; *Colorado Flora: Western Slope*; or *Rocky Mountain Flora*) to determine the number of species in a given family or genus. Full-day workshops dedicated to a single family or genus usually cover 15 to 30 species; a half-day workshop is practical for seven to 15 species. Call Bill Jennings and he will tell you what is involved in preparing a workshop. If you volunteer NOW, you will have all winter to work in the herbarium, next summer to look at plants in the field, and fall of 2000 to organize your program before presentation in the winter of 2000-2001. Remember, on the day of the workshop no one will know more about the topic than you!

It takes considerable time and effort for instructors to plan and develop workshops or field trips. Please let us know how you like

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the activities we offer. We need your suggestions for future workshops and field trips. We also appreciate feedback on whether you find them informative and exciting, or dull and uninteresting.

KEYING IN THE ASTERACEAE

Leader: Dr. David Buckner

Location: Foothills Nature Center, Boulder

First session: Saturday, November 6, 1999

Second session: Sunday, November 7, 1999

The Aster or Composite family is so large, that when confronted with a new or unusual species, most persons recoil in horror at the thought of plowing through the endless pages of the key to the Asteraceae. However, the family is organized into tribes, with fewer than a dozen represented in Colorado. The largest tribes are further divided into subtribes. Recognition of the tribes/subtribes and the organization of the family aids greatly in reducing the time required to key specimens. Dr. Buckner will demonstrate the relationships within the daisy family, by providing keys and specimens for study.

THE BOTANICAL DETECTIVE AND COLORADO GOOSEBERRIES

Leader: Bill Jennings

Location: Foothills Nature Center, Boulder

First session: Saturday, December 11, 1999

Second session: Sunday, December 12, 1999

Bill Jennings will discuss the methods he uses when preparing a family for a workshop: what he looks for in the herbarium, how he determines peak blooming date and average elevation, and how he develops maps of the species range. One feature of this workshop will be a presentation of the major references he uses: botanical, geological, topographical, and historical. Many older herbarium labels specify collection locations that are not on modern maps. Road locations change. Towns adopt new names. Learn how to determine where these specimens were collected. A list of obscure locations in Colorado will be provided, most of which were specified as collection sites on one or more herbarium specimens. At the workshop or in your spare time, see if you can determine where these localities are, or were. The currant family (Grossulariaceae) will be emphasized, with ten representatives, and several more taxa reported or to be expected. Bill will provide a key to this family in Colorado and the usual handouts. Information on other families and genera studied during the past summer may be included, if time permits. Learn the answer to that much-asked question: How does he DO all this and find time to earn a living, too?



Ribes sp.

**HYDROPHYLLACEAE:
THE WATERLEAF FAMILY**

Leader: Dr. N. Duane Atwood

Location: Foothills Nature Center, Boulder

First session: Saturday, January 15, 2000

Second session: Sunday, January 16, 2000

The Colorado Native Plant Society's first out-of-state workshop leader is Dr. N. Duane Atwood, curator of the herbarium at Brigham Young University. Dr. Atwood has worked and published on the Hydrophyllaceae for over 25 years and has written the treatment of genus *Phacelia* for *Flora North America*. He is co-author of *A Utah Flora*, and is recognized as an expert on the flora of Utah and the Great Basin. His expertise is acknowledged in the dedication of Volume 4 of *Intermountain Flora*. *Phacelia* will be the primary focus for this workshop. There are a large number of representatives of this genus in Colorado, some of which are rare or endangered. Other genera include *Ellisia*, *Hesperochiron*, *Hydrophyllum*, *Nama*, and *Nemophila*. This is an important family in the Colorado flora.



Phacelia sp.

AN INTRODUCTION TO THE GENUS CAREX

Leader: Dr. Leo P. Bruederle

Location: Foothills Nature Center, Boulder

First Session: Saturday, February 5, 2000

Second Session: Sunday, February 6, 2000

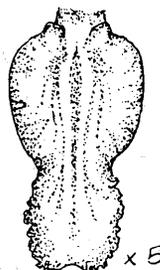
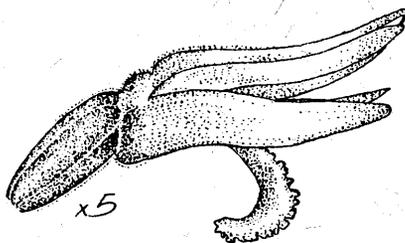
Dr. Bruederle is Associate Professor of Biology at the University of Colorado at Denver and, more importantly, editor of *Aquilegia*. Dr. Bruederle was first introduced to this genus in 1976 in a course entitled "Taxonomy and Ecology of the Cyperaceae" taught by noted Wisconsin caricologist Dr. Jim Zimmerman. Since then, Dr. Bruederle has published extensively on the genus and is co-authoring a treatment for *Flora North America*. This workshop will provide an introduction to the genus *Carex*, an extremely large, complex, and enigmatic genus. Dr. Bruederle will discuss the taxonomic position of *Carex* within the Cyperaceae, as well as those morphological attributes that distinguish *Carex* from other cyperaceous plants. Participants will be introduced to those species best illustrating the diversity of this genus in Colorado. This is a much-requested topic. Don't miss it!

Yellow Starthistle Located in Superior CO

A small population of yellow starthistle (*Centaurea solstitialis*, Asteraceae) was found blooming in late July near the Rock Creek Subdivision in Superior Colorado, southeast of Boulder. Yellow starthistle is an extremely invasive cousin of knapweed that has been taking over tens of thousands of acres of rangeland in California and the Pacific Northwest. Land managers throughout the west have been on the lookout for the potential spread of yellow starthistle to proactively minimize control efforts and costs. Yellow starthistle was identified near Rock Creek several years ago, but it is not known whether the current infestation is a remnant of that one. Eric Lane, State Weed Coordinator, reports that this population is the tenth known yellow starthistle infestation in Colorado, with the majority of them occurring on the western slope.

Kathy Damas, a resident of Rock Creek, found the plants along a dirt path not far from her home. Another larger population was identified north of the Horizon Apartment complex on property that belongs to Superior and is managed by the Superior Metropolitan District #2 as open space. The larger infestation covers approximately 1.5 - 2 acres with most of the yellow starthistle occurring in patches around the edges of this disturbed area, with the rest widely scattered throughout.

Thanks to quick approval by the Metro District and assistance from colleagues at City of Boulder Open Space, Kathy was able to map the infestations using G.P.S. equipment and pull the majority of the plants. She will continue to work closely with the District to monitor the potential spread of yellow starthistle and to offer assistance with future reclamation of the disturbed areas of Open Space. For more information, call Kathy at (303) 543-1492.



Spiranthes diluvialis
Artist: Carolyn Crawford

CHAPTER NEWS

Boulder Chapter

Monthly meetings are held October through May on the second Thursday of each month. For Chapter news and activities, please contact Chapter President Caryl Shields at (303) 665-6312.

Fort Collins Chapter

Indoor monthly meetings are held October through May. For Chapter news and activities, please contact Chapter President Don Hazlett at (970) 834-1493.

Metro-Denver Chapter

Indoor monthly meetings are held October through April in the Morrison Center at the Denver Botanic Garden. For more information, please contact Chapter President Denise Larson at (303) 733-4338.

September 28, 7:30 PM

What I Did Last Summer!

All members are invited to bring slides, pictures, notes, and herbarium samples from projects and field trips conducted this summer.

October 26, 7:30 PM

The Cranberry: It's Not Just Juice Anymore

Leo P. Bruederle (University of Colorado at Denver) will discuss the taxonomy and evolution of the North America cranberries.

December 7, 7:30 PM

Ute Ladies Tresses Orchid (*Spiranthes diluvialis*)

Jan McKee (US Fish and Wildlife Service) will present current information regarding this threatened orchid, including recently found locations and research.

Plateau Chapter

For additional information, please contact Co-Presidents Lori Brummer at (970) 641-3561 or Evelyn Horn at (970) 835-8391.

September 27, 1:00 PM to September 28, 12:00 PM

Short Course: Genetic Issues in Using Native Plants for Revegetation

The purpose of this course is to present the genetic considerations for using native plants for revegetation in a comprehensible way for the resource professional, researcher, student, or anyone interested in native plants. Speakers will include Dr. Yan Linhart, Geneticist at CU; Dr. Mary Mahalovich, Forest Service Regional Selective Breeding Specialist; Dr. Steve Monsen, Botanist at the Forest Service Shrub Science Lab in Utah; Andy Kratz, Forest Service Regional Botanist; Dr. Valerie Hipkins, National Forest Genetics Lab Director; and Dr. Susan Meyer, Ecologist, Forest Service Shrub Science Lab in Utah. There is a \$20 fee for this course to be held at the USDA Forest Service, Rocky Mountain Regional Office in Lakewood. For information, contact Gay Austin at 970-641-0471 (w), 970-641-6264 (h), or gaustin/r2_gmug@fs.fed.us

November 6

Fall Planning Meeting

Join us for our fall potluck and field trip planning meeting. We will meet at the Forest Service building in Delta. Bring ideas for field trips, workshops, and activities for the coming year, plus lunch dishes to share. If you have any questions, or have field trip ideas but can't attend the meeting, contact Lori Brummer at 970-641-3561 or at lbrummer@gunnison.com.

Southwest Chapter

For Chapter news and activities, please contact Chapter President Sandy Friedley at (970) 884-9245.

Yamparika Chapter

For Chapter news and activities, please contact Chapter President Reed Kelley at (970) 878-4666.

PURPUS AMONG THE PEAKS

Richard Beidleman and Barbara Ertter, University of California and Jepson Herbarium

The specimens are venerable, more than one hundred years old. The large labels are printed, with species information written in fading brownish ink. What begins to catch the eye are some of the words used to describe the collecting localities — "Berge," "felsige," "Abhange," "Felsen," "Wiesen," "Hugel".... And then there are the elevations: 7400', 8700' 9300', 11,500', 13,000'. Obviously some German botanist had been collecting in the Alps. But where in the Alps are "Black Canon bei Sapinero" and "Mesa Grande," not to mention "Engineer P." and "Uncompahgre Mt.?" In truth, these specimens were actually collected in western Colorado, less than 20 years after statehood, by Carl Albert Purpus. Although a native of Bavaria, Purpus would indefatigably botanize across the United States, Canada, and Mexico from 1887 until his death on January 17, 1941 at 90 years of age in El Mirador, Mexico.

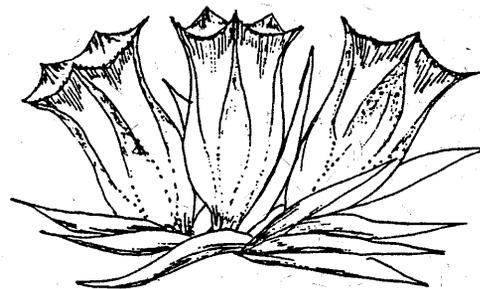
Today, in a white metal cabinet at the University of California's Jepson Herbarium, on dozens of herbarium sheets on loan from Chicago's Field Museum, are plants that Purpus collected in 1892 and 1893 on Colorado's Western Slope. These represent part of an ongoing project focusing on Purpus's contributions to North American botany.

Between April and August, 1892, Purpus conducted field work on the south side of Grand Mesa, in the vicinity of present-day Cedaredge, from 6000 ft. elevation along Surface Creek to the rimrock at 10,000 ft. This is petran brushland (including *Amelanchier*, Purpus No. 586) and scattered pinyon-juniper woodland, then ponderosa pine (No. 420) and Douglas-fir up to boreal conifers (Subalpine Fir, No. 281) and moist glades, with riparian vegetation dense along the many creeklets (Adobe, Dry, Milk, Kiser, Surface, Tongue). His collections included *Monarda fistulosa* (No. 354) on the lower reaches of Surface Creek up to *Primula parryi* (No. 233) in a wet meadow atop Grand Mesa, with each label inscribed with the Germanic habitat description, elevation, collector, and date.

The next year proved more exciting from the perspective of locale, since most of August and September — speaking of the

Alps — was spent in the "Alps of America," the San Juan Mountains of southwestern Colorado, incidentally Alice Eastwood's favorite haunt. Here was the great mining country surrounding Ouray. And Purpus covered this wild mountainous terrain on trails and mining roads, some of which can still be found and traveled along. He collected Parry's clover (*Trifolium parryi*, No. 678) at 12,000 ft. near the summit of Engineer Mountain, Arctic Gentian (*Gentianodes algida*, No. 633) on Uncompahgre Peak, and Rocky Mountain Juniper (No. 670) near Ouray. On and off he lived "in luxury" at Rose's Cabin, a stage stop northeast of Engineer Mountain that not only included a hostelry, but a restaurant, grocery store, and — most importantly for mountain men — liquors and cigars. The remains of Rose's Cabin settlement still exist; and flowers which Purpus collected there so many years ago, such as *Lupinus argenteus* (No. 610), still blossom thereabouts during the Colorado summer.

The account of "Purpus Among The Peaks" still has a long way to go, until all of Purpus's Colorado plants and peregrinations can be fitted together. And then there is the sparring between John M. Coulter and Katharine Brandegee over identification of the Purpus specimens, not to mention Purpus shipping Colorado plants (including cacti) for European consumption. Watch the literature and the future Purpus website for further details!



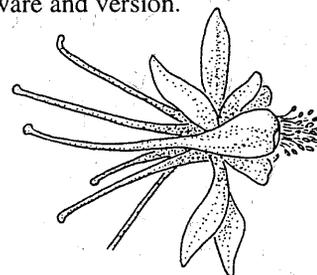
Gentianodes algida
Artist: Nicola Ripley

Request for Volunteer Stewards Colorado Natural Areas Program Ron West, Volunteer Coordinator

The Colorado Natural Areas Program is looking for "volunteer stewards" for a number of natural areas. Stewards work as our eyes-in-the-field for specific, state-designated natural areas. The minimum requested is a single visit per year, with a report back to us on your observations. If you want to be further involved — such as rare plant monitoring — we're open to that as well. Choose from among 32 sites, in all parts of the state — from the remote Escalante Canyon near Grand Junction, to Mt. Goliath, just off the Mt. Evans highway. Most of Colorado's natural areas are protected primarily for imperiled plant species, and include 60 Heritage-ranked (S1 to S3) species. So please give us a call! Contact Ron West, volunteer coordinator, at (303) 866-3203 X326.

AQUILEGIA Deadline Approaches

Please submit contributions for Vol. 23 No. 6 of *Aquilegia* on or before November 1, 1999 for a November 15, 1999 mailing. Include author's name and address. Previously published articles submitted for reprinting require permission from the editor of original publication. Articles submitted via e-mail or on disks — MAC preferably, or IBM — are much appreciated. Please indicate word processing software and version.



Aquilegia
Artist: Janet Wingate

FOR YOUR LIBRARY

CoNPS is pleased to provide a selection of books to members at discount prices. If you are interested in any of the publications listed, contact: Velma Richards, 3125 Monmouth Ave., Englewood, CO, 80110 or (303) 794-5432.

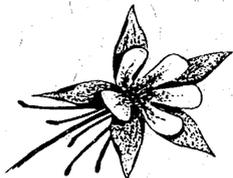
Make check payable to CoNPS. Postage costs are additional for books received by mail. If you want to save postage charges, you can pick up the books yourself from Velma Richards in Denver, Pat Murphy in Boulder, or Denise Culver in Fort Collins.

COLORADO NATIVE PLANT SOCIETY — DISCOUNT PUBLICATIONS ORDER FORM

Title	Author	Price per book	Shipping per book	No.	Book cost total	Shipping total
Alpine Flower Finder	Wingate and Yeats	4.50	2.00			
Alpine Wildflowers of the Northern Rocky Mountains	Strickler	7.50	2.00			
Alpine Wildflowers of the Rocky Mountains	Duft and Moseley	11.00	2.00			
Best Tasting Wild Plants of Colorado	Seebeck	13.50	2.00			
Botany for Gardeners	Capon	15.00	2.00			
Canyon Country Wildflowers, Field Guide to	Fagan	12.00	2.00			
Catalog of the Colorado Flora: A Biodiversity Baseline	Weber and Wittman	40.00	3.25			
Changes in Vegetation and Land Use in Eastern Colorado	USDA	20.00	2.75			
Colorado Birds, Guide to	Gray	17.00	2.75			
Colorado's Best Wildflower Hikes	Irwin	15.00	2.75			
Colorado's Canyon Country	Pearson and Fielder	15.00	2.00			
Desert Wildflowers	Taylor	18.50	2.75			
Dictionary of Word Roots	Borrer	9.00	2.00			
Edible and Medicinal Plants of the West	Tilford	16.50	2.75			
Edible Wild Plants of the Prairie	Kindscher	10.50	2.00			
Familiar Cacti North America	Heil	6.50	2.00			
Field Guide to Colorado Wildflowers, Vol. 1 Plains	Guennel	18.75	2.75			
Field Guide to Colorado Wildflowers, Vol. 2 Mountains	Guennel	18.75	2.75			
Flora of the Great Plains	Great Plains Flora Assoc.	44.00	3.75			
Flora of the Pacific Northwest	Hitchcock and Cronquist	46.00	3.75			
Flora of the San Juans	Komarek	15.50	2.00			
Floristic Survey: Black Forest	Maley	3.00	2.00			
Floristic Survey: Mesa de Maya Region	Clark	4.00	2.00			
Forest Wildflowers (Northern Rocky Mountains)	Strickler	7.50	2.00			
Gardener's Guide to Plant Conservation, The	Marshall	7.00	2.00			
Grass Varieties in the USA	Lewis and Sharp	43.00	3.75			
Handbook of Rocky Mountain Plants	Nelson	16.00	2.75			
How to Identify Grasses and Grasslike Plants	Harrington	11.20	2.00			
Illustrated Keys to the Grasses of Colorado	Wingate	7.50	2.00			
Intermountain Flora, Vol. 1	Cronquist, et al.	29.00	3.25			
Intermountain Flora, Vol. 3A	Cronquist, et al.	66.00	3.75			

COLORADO NATIVE PLANT SOCIETY — DISCOUNT PUBLICATIONS ORDER FORM						
Title	Author	Price per book	Shipping per book	No.	Book cost total	Shipping total
Intermountain Flora, Vol. 3B	Barneby	53.00	3.25			
Intermountain Flora, Vol. 4	Cronquist, et al.	66.00	3.75			
Intermountain Flora, Vol. 5 or 6 (price quoted per vol.)	Cronquist, et al.	66.00	4.00			
King of Colorado Botany: C. C. Parry	Weber	32.00	2.00			
Lichen Primer, Rocky Mountain	Corbridge and Weber	15.00	2.00			
2.00 Medicinal Wild Plants of the Prairie	Kindscher	10.50	2.75			
Meet the Natives (9th edition)	Pesman	10.50	2.00			
Mushrooms of Colorado	Evenson	18.75	2.75			
Plant Identification Terminology	Harris and Harris	14.50	2.75			
Plant Survival	Capon	13.00	2.00			
Plants of Arizona, Field Guide	Epple	18.75	2.75			
Plants of Florissant Fossil Beds Nat'l Mon.	Edwards and Weber	2.50	2.00			
Plants of the Rocky Mountains	Kershaw, et al.	16.50	2.75			
Prairie Garden, Creating a Shortgrass Prairie Garden	Brune	3.25	1.25			
Prairie Wildflowers of Northern Rocky Mountains	Strickler	7.50	2.00			
Rare Plants of Colorado II	CoNPS	14.00	2.75			
Retracing Major Stephen H. Long's 1820 Expedition	Goodman and Lawson	31.50	2.75			
Rocky Mountain Berry Book	Krum	9.00	2.00			
Rocky Mountain Flora	Weber	16.00	2.00			
Rocky Mountain Flower Finder	Wingate	4.00	2.00			
Sagebrush Country: A Wildflower Sanctuary	Taylor	11.00	2.00			
Scat and Tracks	Halfpenny	7.50	2.00			
Simplified Guide to Common Colorado Grasses, A	Wingate	3.25	1.25			
Tallgrass Prairie Wildflowers	Ladd	15.00	2.75			
Utah Flora, A. (1993 edition)	Welsh, et al.	68.00	3.75			
Vascular Plants of Montana	Dorn	10.50	2.00			
Vascular Plants of Wyoming (1992 edition)	Dorn	13.00	2.00			
Vascular Plants, Boulder County Survey	Weber	4.00	2.00			
Weeds of the West (1996 ed.)	Whitson	18.00	3.75			
Western Trees, Field Guide to	Stuckey and Palmer	8.50	2.00			
Wild about Wildflowers	Warren	16.00	2.00			
Wildflowers of the Plateau and Canyon Country	Ulrich	15.00	2.75			
Xeriscape Flower Gardener	Knopf	14.00	2.75			
Shipping total: sum shipping costs. Please note that shipping applies only if books are mailed to purchaser.					Shipping total	
Book total: sum book costs.					Book total	
Sales tax: Colorado residents please add appropriate sales tax for above book total. (City of Boulder 7.46%; other Boulder County 4.20%; Denver 7.30%; Fort Collins 6.75%; Adams, Arapahoe, Jefferson Counties 3.80%; all other areas in Colorado 3.00%).					Sales tax	
Make Checks payable to CoNPS: Include NAME, ADDRESS, COUNTY, and DAYTIME PHONE.					TOTAL	

Colorado Native Plant Society



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 composed of plant enthusiasts both professional and non-professional.

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

Schedule of Membership Fees

Life	\$250
Supporting	\$50
Organization	\$30
Family or Dual	\$15
Individual	\$12
Student or Senior	\$8

Membership Renewal/Information

Please direct all membership applications, renewals, and address changes to the Membership Chairperson, Colorado Native Plant Society, P.O. Box 200, Fort Collins, CO 80522. Please direct all other inquiries regarding the Society to the Secretary at the same address.

Aquilegia

Aquilegia is published four to six times per year by the Colorado Native Plant Society. This newsletter is available to members of the Society and to others with an interest in native plants. Contact the Society for subscription information. Articles for *Aquilegia* may be used by other native plant societies or non-profit groups if fully cited to author and attributed to *Aquilegia*.

Please direct all contributions to the newsletter to:

Leo P. Bruederle
Biology, Campus Box 171
University of Colorado at Denver
P.O. Box 173364
Denver, CO 80217-3364

E-Mail: lbrueder@carbon.cudenver.edu

Short items such as unusual information about a plant, a little known botanical term, etc., are especially welcome. Previously published articles submitted for reprinting require permission. Camera-ready line art or other illustrations are also solicited.

Please include author's name and address, although anonymity may be requested. Articles submitted via e-mail or on disks (MAC preferably, or IBM) are appreciated. Please indicate word processing software and version.

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Plateau	Lori Brummer	970-641-3561
.....	and Evelyn Horn	970-533-7233
Southwest	Sandy Friedley	970-884-9245

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Rare Plant	Eleanor	
Monograph	Von Bargaen	303-756-1400
Workshops	Bill Jennings	303-666-8348

MEMBERSHIP APPLICATION FORM

Name(s) _____

Address _____

(Address) _____

City _____ State _____ Zip _____

Phone () _____ E-mail _____

MEMBERSHIP CLASS
(Select one)

- ___ Individual, \$12.00
- ___ Family/dual, \$15.00
- ___ Senior/retired, \$8.00
- ___ Student, \$8.00
- ___ Corporate, \$30.00
- ___ Supporting, \$50.00

Chapter: ___ Boulder ___ Fort Collins ___ Metro Denver ___ Plateau ___ Southwest ___ Yampanka

In addition to my membership, I have included \$ _____ as a contribution to the John Marr Fund (endowment in support of small grants-in-aid of research), or \$ _____ as a general contribution to the Society.

Enclose an additional \$2.00 to receive newsletters by First Class Mail.

CONPS IS A NON-PROFIT ORGANIZATION —DUES AND CONTRIBUTIONS ARE TAX-DEDUCTIBLE

CALENDAR

CHAPTER MEETINGS AND EVENTS

- Metro-Denver Chapter**
- September 28 What I Did Last Summer!
October 26 The Cranberry: It's Not Just Juice Anymore
November 7 Ute Ladies Tresses (*Spiranthes diluvialis*)
- Plateau Chapter**
- Sept 27-28 Short Course: Genetic Issues in Using Native Plants for Revegetation
November 6 Fall Planning Meeting

SOCIETY EVENTS

- September 25-26 CoNPS Annual Meeting
November 6, 7 Keying in the Asteraceae
First session: Saturday
Second session: Sunday
December 11, 12 The Botanical Detective
First session: Saturday
Second session: Sunday
January 15, 16 Hydrophyllaceae
First session: Saturday
Second session: Sunday
February 5, 6 An Introduction to the Genus *Carex*
First session: Saturday
Second session: Sunday

NOTE: Mailed on or about 25 September 1999



Colorado Native Plant Society
P.O. Box 200
Fort Collins, Colorado 80522
<http://carbon.cudenver.edu/~shill/conps.html>

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