

Aquilegia

Newsletter of the Colorado Native Plant Society



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

Volume 29 Number 1

January - February 2005

YEAR IN REVIEW

Society Awards

Three members were honored at the 2004 Annual Meeting. **Carolyn Crawford**, longtime the CONPS member, Colorado botanist and plant illustrator, was presented an **Honorary Lifetime Membership Award**. This award is framed original artwork, conferring lifetime membership status to a member for long-term, high quality service to the Society. **Andy Kratz** and **Pat Ploegsma**, both CONPS members, received **Special Merit Awards**, in recognition of short-term contributions to Colorado botany and/or significant contributions to the Society's goals.

Carolyn Crawford received a Bachelor of Fine Arts in Education from Phillips University in Enid, Oklahoma. In January 1982, she saw an exhibition of botanical art by Ida H. Pemberton. It was a life-changing experience - and she began to draw plants in earnest. In May 1982, she had her first one-person exhibition of botanical art at the Denver Botanic Gardens.

She contributed artwork to the first edition of the *Rare Plants of Colorado* - artwork that was exhibited at the Royal Horticultural Society's Westminster Fortnightly Show and garnered her a Grenfell Silver Medal (1988). Other exhibitions include the Hunt Institute's Sixth International Exhibition of Botanical Art & Illustration (1988), a one-person show at the Missouri Botanical Gardens in St. Louis (1990), and one-person exhibition at the University of Colorado Museum in Boulder (2002). From 1991 to 2000 she was a member of the faculty of the School of Botanical Illustration at the Denver Botanic Gardens.

Other projects include the cover artwork for the second edition of *Rare Plants of Colorado*; cover and interior artwork for the *Colorado Rare Plant Field Guide*; the CONPS *Aquilegia* logo; and artwork for over 80 seed packets for Botanical Interests. She has done technical illustrations of several species new to science.

When the Hunt Institute did an exhibition of the artwork of Ida H. Pemberton (2003), Carolyn prepared a biography of Ida for the

exhibition's catalog, and assisted in choosing the art that would be displayed. Carolyn considers the exhibition and catalog to be her way of thanking the person she considers her "mentor," even though the two never met.

In the field, Carolyn teamed with Dina Clark on projects in Mesa de Maya in southern Colorado, Boulder's White Rocks and four eastern Colorado counties. Carolyn has always been interested in the Asclepiadaceae and Gentianaceae and has done field work in both families all over the West. She has led CONPS workshops on plant identification and taxonomy for these families, as well as numerous workshops on botanical illustration.

Andy Kratz, U.S. Forest Service Region 2 botanist and former Colorado Native Plant Society board member, was presented the Special Merit Award for his contributions to Colorado botany. Andy began his career with the USFS as a seasonal employee in Oregon and Montana, before getting a permanent position in Oregon. He came to Region 2 as the Regional Botanist in 1992, the position he currently holds. Andy served the Society on the Board of Directors for ten years. He brought a 'big picture' perspective to the board, looking at how issues relate to the national and regional plant conservation scene.

Pat Ploegsma was honored with a Special Merit Award for her contributions to the Society for the past several years. When Pat

“Year in Review” continues on page 2

Contents

About the Society	7
Year in Review	1-2, 5
Booklist	3-4
Calendar	8
Chapter News	6
Membership in the Society	7
Workshops & Classes	2, 6

"Year in Review" continued from page 1

moved to Colorado from Texas, where she had been active in the Texas Native Plant Society, she joined CONPS and ran for a seat on the Board of Directors. Her contributions include coordinating the botanical art competition for the CONPS 25th Anniversary poster, coordinating artwork for CONPS merchandise, and organizing the Silent Auction at the Annual Meeting in 2002, and developing an official logo for the Society. In 2003, the Board designated an official logo which is in use on Society documents, caps and window stickers. Last fall, Pat moved to Wisconsin, where we are sure she is learning new plants.

Silent Auction Proceeds

Over \$500 was raised from the sale of over 100 items at the Annual Meeting. Thank you to contributors and purchasers.

Field Trip Leaders Wanted

Contact Ivo Lindauer, 970-285-1112, if you are willing to lead a field trip this spring or summer.

Volunteer for the Society

The **Sales Committee** is looking for members interested in being part of the Book Sales Committee. Contact April Wasson, 303-763-7679 or apriladw@earthlink.net.

The **Conservation Committee** and the **Education and Outreach Committee** currently need leaders. Contact President Laurel Potts, 970-328-8633, if interested.

"Year in Review" continues on page 5

CONPS Workshop Series

Title: Native Fungi

Leader: Vera Evenson

Date: Saturday & Sunday - March 12 & 13, 2005

Location: Denver Botanic Gardens - Herbarium

Explore Colorado native fungi diversity, identification, and their relationships with native plants. Participants will learn about mushrooms and other fungi by listening to a mini-lecture and looking at slides. Work hands-on with some of the over 22,000 specimens housed at the Denver Botanic Gardens Herbarium.

Spring workshop topics are **Paleobotany-leaf architecture** and **Beginning Plant-ID**.

Remember that workshop registrations are mail-in only and non-refundable. The cost is \$12/workshop. Workshops are one day sessions. To register, please send check, address label, name, address, telephone number and email address to:

Mignon Macias, Workshop Coordinator
5447 Blackhawk Rd.
Boulder, CO 80303

ANN ARMSTRONG**Goodbye to a Beautiful Radiant Soul**

Ann Armstrong, plant ecologist for the city of Boulder Open Space and Mountain Parks, passed away December 1, 2004. Ann's career included a degree in Horticulture from CSU, a Master's degree in Museum Studies at CU, and a volunteer naturalist position for Boulder County Parks and Open Space.

Much of Ann's life was spent learning about horticulture, native plants, plant communities, wildlife and the ecology of Colorado Front Range ecosystems. Her love for learning was matched by her love for teaching. Ann could transform her knowledge into a form that inspired and captured the interest of those around her. Her co-workers admired and benefited from her wonderful blend of accomplished naturalist, botanist, ecologist and teacher.

Combining the role of scientist and natural area manager very successfully, Ann conducted all of her work thoroughly and with professional integrity. She frequently worked long hours in the office and field to develop and implement an innovative, cutting-edge forest restoration program. While she had great passion for learning about and protecting the rarest and most sensitive plant communities and wildlife habitat, Ann also felt strongly that the relationship between people and nature was important. This was evident in all that she did, from mentoring young people as they were getting started in ecology, botany, and natural area management, to co-authoring two children's natural history publications.

Ann's passion for the natural world and its protection was contagious. Those who knew Ann agree that she was a generous, loving and genuine person with such a young spirit that touched their lives and inspired them to become better people. If there were more like her in the world, what a different place it would be! Ann Armstrong will be missed, but not forgotten by her family, friends and colleagues who were lucky enough to share her life. Goodbye to a beautiful radiant soul. May there be fields of flowers for you in heaven.

Carol Kampert, Lynn Riedel, Jennifer Sherry & Laine Johnson



COLORADO NATIVE PLANT SOCIETY DISCOUNTED PUBLICATIONS	January 1, 2005		
<i>Sale Books in bold type - While supplies last</i>	<i>Author</i>	<i>Cost</i>	<i>Ship</i>
Alpine Flower Finder	Wingate & Yeatts	\$6.00	\$2.00
American Cockerell, The	Weber, W.A.	\$25.00	\$2.75
Atlas of the Grasses of Colorado	Rubright, L.	\$16.00	\$2.00
Botanical Latin (soft cover)	Stearn, W.T.	\$27.00	\$2.75
Botany for Gardeners	Capon, B.	\$15.00	\$2.00
Bring Back the Buffalo!	Callenbach, E.	\$12.00	\$2.25
Butterfly Gardening: A Guide for Colorado Gardeners	Sarada Krishnan	\$7.50	\$2.00
Catalog of the Colorado Flora: A Biodiversity Baseline	Weber, W. et al.	\$40.00	\$3.25
Colorado Flora: East Slope, 2001 Edition	Weber & Wittmann	\$22.00	\$2.50
Colorado Flora: West Slope, 2001 Edition	Weber & Wittmann	\$22.00	\$2.50
Colorado's Best Wildflower Hikes V.2 High Country	Irwin, P.	\$12.00	\$2.75
Columbines: Aquilegia, Paraquilegia, and Semiaquilegia	Nold, R.	\$22.00	\$2.50
Common Rocky Mountain Lichens, A Color Guidebook to	St. Clair, L.	\$17.50	\$2.75
Common Southwestern Native Plants: An Identification Guide	Carter, Carter, and Stevens	\$16.00	\$2.75
Dictionary of Word Roots	Borror, D.J.	\$10.50	\$2.00
Edible Wild Plants of the Prairie	Kindscher, K.	\$12.00	\$2.00
Edible Native Plants of the Rocky Mountains	Harrington, H.D.	\$15.00	\$2.75
Field Guide to the North American Prairie (Peterson)	Jones & Cushman	\$17.50	\$2.50
Field Guide to the Wetland and Riparian Plant Associations of Colorado	Carsey, Kittel, Decker, et al	\$30.00	\$2.75
Flames in our Forests	Arno & Allison-Bunnell	\$16.50	\$2.50
Flora of the Great Plains	Grt Plns Flra Ass.	\$44.00	\$3.75
Flora of the Gunnison Basin	Barrell, J.	\$15.00	\$2.75
Flora of North America Vol. 02	FLNA ed.	\$109.00	\$4.00
Flora of North America Vol. 03	FLNA ed.	\$109.00	\$4.00
Flora of North America Vol. 04	FLNA ed.	\$109.00	\$4.00
Flora of North America Vol. 22	FLNA ed.	\$109.00	\$4.00
Flora of North America Vol. 23	FLNA ed.	\$109.00	\$4.00
Flora of North America Vol. 25	FLNA ed.	\$109.00	\$4.00
Flora of North America Vol. 26	FLNA ed.	\$109.00	\$4.00
Flora of the San Juans	Komarek, S.	\$15.00	\$2.00
Floristic Survey of Eagles Nest Wilderness Area	Hogan, T.	\$4.00	\$2.00
Forgotten Pollinators	Nabhan, G.	\$11.00	\$2.00
Gathering the Desert	Nabhan, G.	\$10.00	\$2.00
Grass Varieties in the United States	USDA	\$69.00	\$2.75
Grassland to Glacier, From	Mutel & Emerick	\$10.50	\$2.50
Grow Native: Landscaping with Native and Apt Plants of the RM	Huddleston & Hussey	\$13.50	\$2.00
Guide to Colorado Wildflowers, V.1, Plains	Guennell, G.K.	\$15.00	\$2.75
Guide to Colorado Wildflowers, V.2, Mountains	Guennell, G.K.	\$15.00	\$2.75
Historical Ecology Handbook	Egan & Howell	\$28.00	\$2.75
How to ID Grasses & Grasslike Plants	Harrington, H.D.	\$10.00	\$2.00
How to Identify Plants	Harrington et al.	\$10.00	\$2.00
Illustr. Keys to Early Spring Wildflowers: Front Range	Wingate, J.L.	\$1.50	\$1.25
Illustrated Keys to the Grasses of Colorado	Wingate, J.L.	\$7.50	\$2.00
Intermountain Flora - Volume 3A	Cronquist et al.	\$66.00	\$3.75
Intermountain Flora - Volume 3B	Barneby, R. C.	\$66.00	\$3.75
Intermountain Flora - Volume 4	Cronquist et al.	\$66.00	\$3.75
Intermountain Flora - Volume 5	Cronquist, A.	\$66.00	\$4.00
Intermountain Flora - Volume 6	Cronquist et al.	\$66.00	\$4.00
Land above the Trees	Zwinger, A.	\$16.00	\$2.75
Last Prairie, The: A Sandhills Journal	Jones, S.	\$18.00	\$2.50
Lichens of North America	Brodo, Sharnoff, Sharnoff	\$73.00	\$5.50
Medicinal Plants, Desert and Canyon West	Moore, M.	\$11.00	\$2.75
Medicinal Plants, Mountain West	Moore, M.	\$11.00	\$2.75
Medicinal Wild Plants of the Prairie	Kindscher, K.	\$12.00	\$2.75
Mountain Blooms	Johnson Books	\$4.75	\$2.00

Sale Books in bold type - While supplies last	Author	Cost	Ship
Mushrooms of Colorado	Evenson, V.S.	\$18.75	\$2.75
Native and Naturalized Leguminosae of U.S.	Iseley, D.	\$56.00	\$4.00
Native Plants for High-elevation Western Gardens	Busco & Morin	\$23.50	\$3.00
Once and Future Forest, The: A Guide to Forest Restoration Strategies	Sauer, L.J.	\$28.50	\$2.75
Ornamental Water Gardening	Weinstein, G ed.	\$2.00	\$1.50
Penstemons	Nold, R.	\$25.00	\$2.50
Plant Identification Terminology	Harris, J. et al.	\$16.00	\$2.75
Plant Survival, Adapting to a Hostile World	Capon, B.	\$14.00	\$2.50
Plants of Rocky Mountain National Park	Beidleman	\$19.00	\$2.50
Plants of the Rocky Mountains	Kershaw et al.	\$16.50	\$2.75
Prairie Conservation	Sampson&Knopf	\$28.50	\$2.50
Rare Plants of Colorado II	CONPS	\$14.00	\$2.75
Restoring Diversity	Falk et al.	\$32.50	\$2.75
Roadside Use of Native Plants	Harper-Lore, B.	\$28.75	\$2.75
Roadside Wildflowers of Southern Great Plains	Freeman	\$15.00	\$2.00
Rocky Mountain Berry Book	Drumm, B.	\$6.00	\$2.00
Rocky Mountain Flower Finder	Wingate, J.L.	\$4.75	\$2.00
Rocky Mountain Lichen Primer	Corbridge&Weber	\$18.50	\$2.00
Sagebrush Country: A Wildflower Sanctuary	Taylor, R. J.	\$11.00	\$2.00
Saving Nature's Legacy	Noss&Cooperrider	\$30.50	\$2.50
Simplified Guide to Common Colorado Grasses, A	Wingate, J.L.	\$3.25	\$1.25
Soil Science Simplified	Kohnke & Franzmeier	\$9.75	\$2.25
Song of the Alpine: RM Tundra through the Seasons	Gellhorn, J.	\$18.00	\$2.75
Southern Rocky Mountain Wildflowers	Robertson, L.	\$12.50	\$2.00
Southwestern Landscaping with Native Plants	Phillips, J.	\$16.00	\$2.75
Trees and Shrubs of Colorado	Carter, J.	\$11.50	\$2.00
Utah Flora, A 1993 ed.	Welsh, Atwood, et al	\$48.00	\$4.00
Utah Flora, A 3rd edition 2003	Welsh, Atwood, et al	\$77.00	\$4.00
Vascular Plants of Wyoming, 3rd ed.	Dorn, R.	\$17.00	\$2.50
Valley of the Second Sons	Weber, W. A.	\$32.00	\$3.00
Waterwise Landscaping with Trees, Shrubs, and Vines	Knopf, J.	\$15.00	\$2.75
Weeds of the West, 2nd ed.	Whitson, T., Ed.	\$21.00	\$3.75
Welfare Ranching	Wuerthner&Matteson	\$17.00	\$4.50
Xeriscape Flower Gardener	Knopf, J.	\$12.00	2.75
CDs			
Interactive Plant Keys for Colorado (XID-CD)	Barnes, B.	\$75.00	\$2.50
Manual of the Plants of Colorado (CD version)	Harrington, H.D.	\$15.00	\$2.50
What's that Wildflower? (CD for Western Rockies)	Harte	\$15.00	\$2.50
Merchandise			
CONPS Hats (one size)		\$15.00	\$3.00
CONPS Patches		\$6.00	\$0.50
CoNPS Short Sleeve T-shirts		\$13.00	\$2.75
CoNPS Long Sleeve T-shirts		\$16.00	\$2.75
CoNPS Terry Shirts		\$20.00	\$2.75
CONPS Tote Bags		\$16.00	\$2.75
Please add the following taxes where applicable:		Book Total:	
City of Boulder 8.16%		Sales Tax:	
All other Boulder County 4.75%		Shipping Total:	
City and County of Denver 7.6%		ORDER TOTAL:	
City of Colorado Springs 7.4%	Make checks payable to: Colorado Native Plant Society		
All other El Paso County 4.9%	Mail order and check to:		
City of Fort Collins 6.7%	April Wasson	E-mail: apriladw@earthlink.net	
All other Larimer County 3.7%	1482 S. Pierson St. #76		
All other Colorado 2.9%	Lakewood, CO 80232	Tax Exempt #	
States other than Colorado--no tax	PLEASE INCLUDE NAME, ADDRESS, & PHONE NUMBER.		

"Year in Review" continued from page 2

Plateau Chapter Summary 2004

A hardy group enjoyed the Ute Trail in the Gunnison Gorge on May 29th. A wide variety of spring flora including buckwheats and mustards were in bloom. Cool and threatening weather prevented our going all the way down to the river. In early June a group of 14 came to the Montrose area for a tour of pinyon-juniper restoration areas. We looked at vegetation regrowth on several different ages of roller-chop treatments being implemented as part of the Uncompahgre Project. Both seeded and unseeded species of native grasses and forbs are coming back along with the inevitable early seral weedy species and persistent crested wheatgrass from old chainings.

July 18th Karen Vail led five people on an incredible wildflower hike up Mandall Pass in the Flat Tops near Steamboat Springs. Many alpine wildflowers, such as old-man-of-the-mountain (*Rybergia grandiflora*) and moss pink (*Silene acaulis*), were seen and a lengthy list compiled. Lots of interesting weather including some close lightening and a few inches of hail as we returned from the basin. On July 24th we had a long drive up onto Taylor Pass from Richmond Ridge south of Aspen. Half of us stopped in the alpine on the ridge and half of us went on up to Taylor Pass (12,000') to view potential Botanical Special Interest Areas. The alpine wildflowers were in full bloom and lichens were seen holding the soil in place as usual.

Evelyn Horn has published a wonderful book on crane stories and a handout on identifying trees for the Grand Mesa Visitor Center. She is now working on a "Basic Bushes of the Dobes" handout. Dixon Pratt spent much of his time last summer planning a native plant section in the landscaping for the new Ridgeway library. Many local native plants from Dixon's nearby land were used.

The fall planning meeting was held in Delta and attended by 13 folks. We had a great potluck, dreamed up field trips, viewed John Moore's interesting botanical slides on New Zealand, and discussed a plant/seed exchange for next year's planning meeting.

Southeast Chapter Summary - 2004

The Southeast Chapter conducted successful projects and field trips in 2004. In January we identified plants in astounding photos taken by Wojtek Rychlik. In February we planned field trips and identified photos and specimens from members. The March meeting was our biggest event (standing room only), with Panayoti Kelaides from DBG showing photos of native plants worthy of attention from Colorado gardeners.

We began field trips in early May to Williams Canyon, a steep limestone canyon, where *Commelina dianthifolia* grows. In late May we trekked along a rugged trail to a site on Mount Buckhorn rich in *Calypso bulbosa*, in peak of bloom. In June we braved the cold and drizzle at Elk Park on Pikes Peak to see *Aquilegia saximontana*. Also in June we participated in our second annual count of *Cypripedium calceolus* in Emerald Valley southwest of Cheyenne Mountain, a project sponsored by the U.S. Forest Service and the Broadmoor Garden Club. We counted almost a thousand plants within the study area.

In July we visited a canyon near North Cheyenne Canyon rich in *Lilium philadelphicum*. We counted about 70 plants in bloom along the 1-mile stretch of canyon floor. *Aconitum*, *Delphinium*, *Streptopus* and *Limnorchis stricta* also fill the mesic site and luxuriant stands of tall *Athyrium* made the place seem far from Colorado.

Late summer and fall was quiet for the chapter. In November, we had a 3-D show of Wojtek's photos. After the show, we discussed our future as a chapter. Doris Drisgill did an outstanding job organizing activities this past year. We have about 40 members and most activities attract about 15, but no one wants to take over the job of president. Meanwhile, Elsie Pope agreed to hold the chapter paperwork. We will meet again this winter to discuss the problem.

Donations

Contributions were made to several funds of the Society: Marr Fund, \$6596, including a contribution of \$5000 in memory of Mary E. Edwards; Steinkamp Fund, \$2517; General Society, \$754; and Annual Meeting, \$308. The Board thanks the following donors: Pat and Heman Adams, Sue Ellen Alishouse, Elly Amade, Jeff Andersen, Ralph Anderson, Christina Andre, Helen Angel, Tricia Arnold, Gay Austin, Bev Baker, Ronald Bice, Linda Boley, Catherine and Bruce Bosley, Charlotte Briber, John Bridges, Cheryl Brooks, Leo Bruederle, David Buckner, Dennis Buechler, Patricia Butler, Cindy Carlson, Beckie Carrico, Michael Claffey, Dina Clark, Robert Clemans, Colorado College, Lee Curtis, Darla Daly, Mary Damm, Jeff and Carol Dawson, Jack Dennis, Christine Dye, Brian Elliott, Mo Ewing, Dick Fisher, Karin Freeman, The Gignac Family, Susan Harris, Emily Hartman, Ron Hartman, Dexter Hess, Elaine Hill, Tim Hogan, Evelyn Horn, Janis Huggins, Mark and Monica Hughes, Carol Jacobs-Carre, Sue Kamal, Charles and Anita King, Hugh Kingery, Catherine Kleier, Andy Kratz, Sarada Krishnan, Randy Lentz, Ivo Lindauer, Josie Manternach, Maggie March, Ruby Marr, Susan Martin, Kathleen Mauleg, Ellen Mayo, Charles McQuerry, Jr., Annette Miller, Missouri Botanical Gardens, Patrick Murphy, William Murray, Tamara Naumann, Naomi Nigro, Larry Nygaard, Patricia O'Neill, Neal Osborn, Elizabeth Otto, Donald Parker, Ann Phillips, Phyllis Pineda, Laurel Potts, Zachary Price, Kari Radoff, Eric Rechel, Mike Renth, Sandy Righter, Andrea Robinsong, Mary Lou Rottman, Patricia Saito, Aline Schwob, Moras Shubert, Matt Schweich and Rebecca Siegle, Todd Sliker, Erica Smith, Dale Sutherland, Betty Timson, Vickey Trammel, Bruce Turner, Hazel Tuttle, Gayle Vancil, Carla Vandervoort, Gretchen VanReyper, Eleanor VonBargen, Effie Vranka, John Waddell, Patricia Wallace, Gayle Weinstein, Jannette Wesley, Joaquin Garcia and Trudy White, Alice Wood, Steve and Kenna Yarborough and William Zawacki.

AQUILEGIA DEADLINE - MARCH 15

Submit contributions for Vol. 29, No. 2 by March. 15, 2005. Articles less than 1000 words are especially welcome. Previously published articles submitted for reprinting require permission. Submit via e-mail or on disks as an MS Word or rtf document. See page 7 for additional information.

CHAPTER NEWS

Boulder Chapter

Monthly meetings are on the second Thursday of the month at 7 PM at the City of Boulder Open Space and Mountain Parks offices in the north building conference room, 66 South Cherryvale Road. From South Boulder Road, go south on Cherryvale 1/10 mile and turn west onto a lane to the offices. Contact Tommi Scanes, scansclan@comcast.net or 303-682-1208.

February 10 The Wonderful World of Common Names. Ron West, Boulder County Open Space Department.

Mar. & April Topic TBA.

May 12 Annual Picnic

Fort Collins Chapter

Month meetings are held **Wednesday** at 7 PM at the Gardens on Spring Creek, 2145 Centre Ave. Ft. Collins. Dinner with the speaker will be at 5:15 pm at The Rainbow on Laurel St. Please contact Annette Miller the day before if you will join us for dinner. Leave a message at 482-3063 or 495-3240 or almill@lamar.colostate.edu.

February 9 Soil Seedbank Studies in Teddy Roosevelt National Park. Julie Laufmann.

March 2 CNHP Larimer County Inventory Highlights. Georgia Doyle and Stephanie Neid.

April 6 Native Plants for Landscaping.

Metro-Denver Chapter

Monthly meetings are held September through April at 7 PM in the Waring House at the Denver Botanic Garden (the mansion just south of the main entrance on York Street). To enter, head south on York past the Gardens main entrance. Make an immediate right into parking lot that says "Staff Parking." Members are invited to join speakers at 5:30 PM for pizza at Angelo's, 620 East 6th Ave (between Pearl and Washington) in Denver. For more

information, contact Chapter President Naomi Nigro, 303-366-6033, or email naomi4CoNPS@hotmail.com.

February 22 Denver's Natural Areas Program. Gayle Weinstein. The Natural Areas Program selects sites throughout Denver that retain or have the potential to reestablish fundamental natural features that existed prior to early development.

March 22 Pakistan. Dr. Dan Johnson, Curator of Native Plants at DBG, will give a presentation on his 2001 trip to Pakistan, where "...the varied landscape only hints at the rich flora of the region, from the bristling mounds of *Acantholimon lycopodoides* to the windswept *Betula utilis* at treeline."

April 26 Topic TBA. Dr. Leo Bruederle, the University of Colorado at Denver.

Plateau Chapter

Chapter activities are scheduled throughout the year. For more information, contact Chapter President Jeanne Wenger at 970-256-9227, stweandjaw@acsol.net or Program Chair Lori Brummer at 970-641-3561, lbrummer@gunnison.com.

Southeast Chapter

Activities are scheduled throughout the year. The chapter is recruiting for the office of President. For chapter information or to volunteer, contact Doris Drisgill, Ddrisgill@cs.com, 719-578-1091, or George Cameron, gpcameron@juno.com, 719-634-4431.

Southwest Chapter

For news and activities, contact Chapter President Sandy Friedley at 970-884-9245 or by e-mail at friedley@mydurango.net.

Boulder County Nature Association Classes

The Boulder County Nature Association offers winter/spring classes. BCNA offers scholarships to defer all or part of class tuition. To apply, write a short note explaining why you are requesting a scholarship and send it to: Carol Schott, 5239 Niwot Road, Niwot, CO 80503; carol.mclaren@colorado.edu

Rooted in Rock: Botany and Geology of Six-Mile Fold - Joyce Gellhorn and Paula Hansley

What we see around us in the natural world is largely controlled by the interaction of climate and geology, and humans. Come see how these factors are expressed in the intertwined distribution of plant communities and rock units at Six-Mile Fold, north of Boulder.

Tuesday, April 12, 6:30 pm, indoor class
Saturday, April 16, 8:30 am, field class

Tuition: \$40 (\$35 for BCNA members). To register contact Joyce at 303-442-8123; jgellhorn@sprynet.com.

Springtime Butterflies in the Front Range - Jan Chu

This is a good Memorial Day weekend walk for any beginning butterfly watcher. We'll identify all the butterflies we can see, looking for migrants, local "hatchers," butterflies that have over-wintered, and caterpillars.

Saturday, May 28, 9 am-1 pm, field class

Tuition: \$20 (\$16 for BCNA members). To register contact Jan at 303-494-1108; chuhouse@hotmail.com.

Aquilegia via Email

Aquilegia is available via email. Send your email address to Eric Lane, eric.lane@ag.state.co.us, or Alice Guthrie, molly82@earthlink.net.



Colorado Native Plant Society

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 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 or Corporate	\$30
Family or Dual	\$20
Individual	\$15
Student or Senior	\$8

Membership Renewal/Information

Please direct all membership applications, renewals, and address changes to the Eric Lane (Chair of Membership), 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 is published four or more 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. Articles for *Aquilegia* may be used by other native plant societies or non-profit groups, if fully cited to author and attributed to *Aquilegia*.

Articles not exceeding 2000 words in length and shorter items fewer than 500 words in length, such as unusual information about a plant, 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 (IBM preferably) are appreciated. Please indicate word processing software and version; if possible, submit as an RTF (rich text format) file.

Please direct all contributions to the newsletter to:

Alice Guthrie

509 Collyer

Longmont, CO 80501

E-Mail: molly82@earthlink.net

guthriea@ci.boulder.co.us

Officers

President	Laurel Potts	970-328-8633
Vice-President ...	David Anderson .	970-484-0774
Secretary	Kim Regier	303-556-8309
Treasurer	Naomi Nigro ...	303-366-6033

Board of Directors

Dick Fisher (05)	Steamboat	
.....	Springs	970-276-4448
Sue Kamal (05)	Greeley	970-353-9240
Ivo Lindauer (05) . .	Parachute. . . .	970-285-1112
Laurel Potts (05). . . .	Eagle.	970-328-8633
John Proctor (05) . . .	Walden	970-723-8204
Jennifer Ackerfield (06).		
John Giordanengo (06)	Golden	303-996-2760
Brad Johnson (06) . .	Fort Collins .	970-491-6932
Gwen Kittel (06). . . .	Boulder.	303-258-0908
Jan Loechel (06). . . .	Golden	303-458-4262

Chapter Presidents

Boulder	Tommi Scanes . .	303-682-1208
Fort Collins	Annette Miller .	970-495-3240
Metro-Denver. . . .	Naomi Nigro . . .	303-366-6033
Plateau	Jeanne Wenger .	970-256-9227
Southeast	Doris Drisgill & .	719-578-1091
.....	George Cameron .	719-634-4431
Southwest	Sandy Friedley. .	970-884-9245

Standing Committees and Chairs

Conservation	Vacant	
Education and Outreach		
.....	Vacant	
Endowment	Leo Bruederle . .	303-556-3419
Field Studies	Vacant	
Field Trips.	Ivo Lindauer. . . .	970-285-1112
Finance	Naomi Nigro . . .	303-366-6033
Horticulture and. .	Laurel Potts & . .	970-328-8633
Restoration	Lisa Tasker. . . .	970-948-4857
Media	Bob Clarke. . . .	970-242-6067
Membership. . . .	Eric Lane	303-239-4182
Rare Plant	Eleanor Von Barga	
Monograph		303-756-1400
Research Grants. .	Jan Loechel	303-458-4262
Sales	April Wasson . . .	303-763-7679
Workshop	Mignon Macias . .	303-249-2977

MEMBERSHIP APPLICATION AND RENEWAL FORM

Name(s) _____

Address _____

(Address) _____

City _____ State _____ Zip _____

Phone _____ E-mail _____

Chapter: ☐ Boulder ☐ Fort Collins ☐ Metro Denver ☐ Plateau ☐ Southeast ☐ Southwest

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), \$_____ as a contribution to the Myrna P. Steinkamp Memorial Fund (endowment in support of small grants-in-aid of research), or \$_____ as a general contribution to the Society.

MEMBERSHIP CLASS:

Dues cover a 12-month period.

- ☐ Individual, \$15.00
☐ Family/dual, \$20.00
☐ Senior, \$8.00
☐ Student, \$8.00
☐ Corporate, \$30.00
☐ Supporting, \$50.00
☐ Lifetime, \$250.00



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

CALENDAR - 2005

WORKSHOPS

March 12, 13 Native Fungi

BOARD MEETINGS

January 8

March 5

April 9

May TBD, West Slope

CHAPTER EVENTS

Boulder Chapter

December 9 Potpourri of Flower Pictures with
Peripatetic Ecological Annotations

January 13 Boulder County's Rare Plants

February 10 The Wonderful World of Common
Names

Mar. & April Topic TBA

May 12 Annual Picnic

Fort Collins Chapter

December 7 Effects of Deicers on Tree Physiology and
Seed Germination

February Soil Seedbank Studies in Teddy Roosevelt
National Park

March Rare Plants of Larimer County

April Native Plants for Landscaping

Metro-Denver Chapter

December 7 Shock and Awe: Weapons of Botanical
Defense

January 25 Gardening with Natives

February 22 Denver's Natural Areas Program

March 22 Pakistan

April 26 Topic TBA

TIME SENSITIVE MATERIAL

