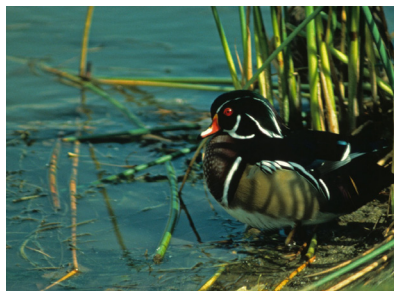




# **Boulder County Nature Association**

## 2012 Winter-Spring Field Class Schedule



Boulder County Nature Association  
PO Box 493  
Boulder, CO 80306  
[www.bcna.org](http://www.bcna.org)

## Ducks

Steve Jones

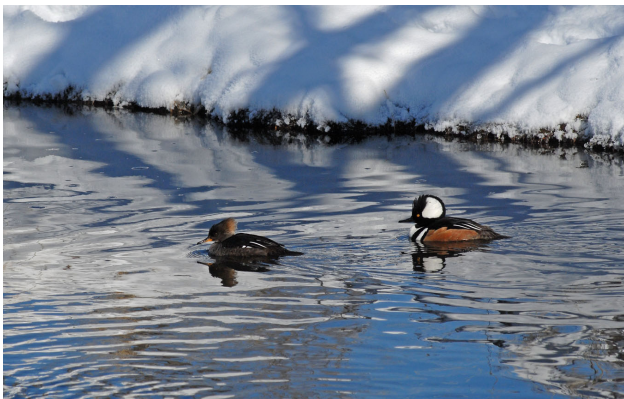
Do ducks really sleep with their eyes half open? How do they keep their feet warm while floating in icy ponds? What is their future in North America as wetlands disappear and the climate warms? We'll observe and photograph waterfowl at Wheat Ridge Greenbelt, Lower Latham Reservoir, and other regional hotspots. An evening session will focus on identification, behavior, and conservation.

Indoor class: Thursday, February 16, 7 to 9 pm

Field class: Saturday, February 18, 8 am to noon

Field class: Saturday, April 7, 7 am to 1 pm

Tuition: \$90 (\$80 for BCNA members). Limited to 12 participants. To register, contact Steve at (303) 494-2468 or [curlwjsj@comcast.net](mailto:curlwjsj@comcast.net).



## Fabulous Flycatchers

Scott Severs

The Tyrant family of flycatchers (phoebes, kingbirds, and pewees) are vocal, active and defensive species. Insectivorous birds, they pursue flying insects by "sallying" out from a branch to capture a bee, dragonfly, or moth, and then fly back to their original perch. They vigorously defend their nest site from crows, hawks, and other predators. We'll focus on a habitat approach to learning about all nine Boulder County breeding species from the foothills to the montane forests, paying special attention to their unique songs and calls.

Indoor class: Monday, May 7, 6:30 to 8:30 pm

Field class: Sunday, May 27, 7 am to noon

Field class: Sunday, June 17, 7 am to 1 pm



Tuition: \$100 (\$90 for BCNA members). Limited to 10 participants. To register, contact Scott at 303-218-0830 or [scottesevers@gmail.com](mailto:scottesevers@gmail.com).

## Butterflies in Springtime

Jan Chu

Join the celebration of spring as the butterflies, newly emerged, take to the wing. Locate their host plants which you might add to your garden. Be amazed by the bright wing colors and their complex behavior. During field classes, butterflies will be netted and brought close up for observation, then released unharmed to go on their way.

Indoor class: Sunday, May 20, 6:30 to 8:30 pm

Field class: Monday, May 21, 10 am to 2 pm

Field class: Monday, May 28, 10 am to 2 pm

Tuition: \$75 (\$65 for BCNA members). Limited to 12 participants. To register, contact Jan at 303-494-1108 or [chuhouse@hotmail.com](mailto:chuhouse@hotmail.com) (write "Butterflies" in the subject line).



## Birds of the Foothills

Christian Nunes

The foothills west of Boulder support a rich variety of breeding birds. Pine forests, plains, and riparian ecosystems merge here, with each habitat supporting its own cast of breeders. We'll search for some of the more charismatic birds in areas such as Eldorado Mountain Open Space and Gregory Canyon, while at times hiking over rocky and rugged terrain. The class will also focus on bird songs, ecology, and beauty!

Indoor Class: Wednesday, May 30, 6 to 8 pm

Field Class: Saturday, June 2, 7 to 11 am

Field Class: Saturday, June 16, 7 to 11 am

Field Class: Sunday, June 24, 7 to 11 am

Tuition: \$100 (\$90 for BCNA members). Limited to 12 participants. To register, contact Christian at 401-787-0194 or pajaroboy@hotmail.com.



## Colorado Orchids

Janice Forbis and Joyce Gellhorn

Strange and beautiful, orchids intrigue people throughout the world. One of the largest families of flowering plants, they range in size from corsage orchids perched upon tropical trees to diminutive beauties found in alpine bogs. Over two dozen orchid species are native to Colorado, in habitats ranging from wetlands to conifer forests to mountain meadows. In this class, you will learn the special characteristics of orchids and have the opportunity to search for native species in the field.

Indoor class: Wednesday, June 6, 6:30 to 8:30 pm

Field class: Saturday, June 9, 8:30 am to 2 pm

Field class: Saturday, June 23, 8:30 am to 3 pm

Tuition: \$100 (\$90 for BCNA members). Limited to 12 participants. To register, contact Janice at 303-903-6477 or jjharvey@indra.com.



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**Recommended equipment and reading lists** will be provided to participants upon class registration.

**Mileage rate for field classes:** Non-drivers will be expected to pay drivers 12 cents per mile per person for field class car trips.

**Refund policy:** Participants who cancel at least one week before a class will receive a tuition refund minus a \$15 processing fee. No refund is given if a participant cancels less than a week before a class begins.

**Scholarships:** BCNA offers partial scholarships for class tuition. To apply, go to [www.bcna.org](http://www.bcna.org) and fill out the online application form. If you have questions, please contact Dianne Andrews at [dandrews@boulder.net](mailto:dandrews@boulder.net).

## About the Instructors

**Jan Chu** is co-author of the recently published book, *Butterflies of the Colorado Front Range*. She is a retired biology teacher and has been a volunteer naturalist for Boulder County Parks and Open Space conducting inventories of butterfly species on open space lands. Jan has also organized Fourth of July butterfly counts at the Cal-Wood Education Center in Jamestown for 27 years.

**Janice Forbis** is a botanist and horticulturist who is currently the assistant greenhouse manager at the University of Colorado. She has worked as a seasonal plant ecologist for Boulder County and enjoys getting out in the field and identifying plants from the prairies to the alpine. Her study of tropical plants in the greenhouse and native plants in the landscape gives her broad experience and knowledge of the plant world.

**Joyce Gellhorn** is the author of *Song of the Alpine* and *White-tailed Ptarmigan*. She has taught field classes in Boulder County for 28 years to students ranging in age from four to eighty-four, while providing a broad ecological perspective in all of her teaching. Joyce will be assisting Janice Forbis in teaching the orchids class.

**Steve Jones** is author/co-author of *Butterflies of the Colorado Front Range*, *Wild Boulder County*, *The Last Prairie*, *The Shortgrass Prairie*, *Colorado Nature Almanac*, and *Peterson Field Guide to the North American Prairie*. Steve organized the BCNA small owl and wintering raptor studies and helped carry out the Colorado Breeding Bird Atlas project. He has taught nature classes in Boulder County for 28 years.

**Christian Nunes** is a lifelong birder and naturalist. He currently works for the City of Boulder Open Space and Mountain Parks Department as a wildlife monitoring technician. Much of his time is spent hiking around the foothills observing and cataloging the rich avifauna and other wildlife. In addition to birding throughout the US, Christian has taken birding forays into Central and South America and the Caribbean.

**Scott Severs** has been fascinated by birds since he was a toddler when he compiled a list of birds visiting his grandmother's backyard. With a degree in wildlife biology from Colorado State University, he enjoys field biology and currently works as an ecological consultant for Walsh Environmental. Scott has taught BCNA classes on warblers, sparrows, and bird migration in addition to his course on dragonflies. He currently helps coordinate the Dinosaur Ridge Hawk Watch near Morrison.

## About Boulder County Nature Association

The Boulder County Nature Association (**BCNA**) is a private, nonprofit organization committed to studying and preserving the cultural and natural history of Boulder County and adjacent areas of the Front Range.

**BCNA** volunteers perform natural area studies, flora and fauna studies, wildlife inventories, and historical and geological research.

**BCNA** also disseminates natural and cultural history information to the public through hikes, classes, programs, publications, seminars, and support for interpretation facilities in Boulder County.

The strength in **BCNA** lies in active membership support.

## Join Boulder County Nature Association

Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Email \_\_\_\_\_

Phone (optional) \_\_\_\_\_

Type of Membership:

|                           |       |
|---------------------------|-------|
| ____ Student/Senior (65+) | \$15  |
| ____ General Membership   | \$20  |
| ____ Family or Household  | \$30  |
| ____ Supporter            | \$40  |
| ____ Founder              | \$100 |
| ____ Life                 | \$300 |

Please make checks payable to **BCNA**, PO Box 493, Boulder, CO 80306. Membership runs from January 1 to December 31.

For more information on **BCNA**, view our website: [www.bcna.org](http://www.bcna.org).

