

May 2009

Volume 40, Issue 9

## Woody Plant Production at the Colorado State Forest Service Nursery

*Presented by Randy Moench, Manager  
Colorado State Forest Service*

"The mission of the Colorado State Forest Service is to provide for the stewardship of forest resources and to reduce related risks to life, property and the environment for the benefit of present and future generations." How very well this meshes with Audubon's mission "to conserve and restore natural ecosystems, focusing on birds, other wildlife, and their habitats for the benefit of humanity and the earth's biological diversity."



Photo provided by Randy Moench, CSFS

production techniques for more than 40 different species of woody plants. Trees and shrubs are grown at the CSFS nursery for their demonstrated conservation characteristics and are suitable for Colorado weather conditions. Randy will also be providing information on programs available to homeowners and landowners that will help promote healthy and sustainable forest conditions.

Randy Moench, Manager of the Colorado State Forest Service Nursery (CSFS) since 1986, will be presenting a review of the CSFS conservation planting program, and nursery

Bring your "tree" questions, and learn more about the services being implemented and available to both you and the State of Colorado by the Forest Service Nursery.

**THURSDAY EVENING PROGRAM — May 14, 2009**  
**Columbine Room, Fort Collins Lincoln Center, 417 W. Magnolia Street**  
**Social Gathering: 7:00 p.m., Program: 7:30 p.m.**

**FORT COLLINS AUDUBON SOCIETY PROGRAMS AND FIELD TRIPS ARE FREE AND OPEN TO THE PUBLIC**

Visit our website at [www.fortnet.org/Audubon](http://www.fortnet.org/Audubon) or call 970-490-BIRD.



## Field Trips, Programs, Classes, and Events



**5/2/09, Saturday. Fort Collins Area Migrants and Summer Residents.** 7:15-11:00a.m. Leader: Eric DeFonso. Meet at the Maxwell Natural Area parking lot across the road from Pine Ridge Natural Area, better known as Dixon Reservoir. We will focus on finding resident and passage migrants in local area hot spots - we may also head to other spots out of town if we get word of interesting activity there. All levels welcome. To sign up or get more information, contact Eric DeFonso by phone at 970-472-1761 or by email at [yoericd@yahoo.com](mailto:yoericd@yahoo.com).

**5/9/09, Saturday. Second Saturday Natural Area Tour.** 8:00 - 10:00 a.m. Reservoir Ridge Natural Area. Exploring nature continues with a

new schedule of 2nd Saturday adventures. This year we will explore twelve of Fort Collins' natural areas. Each tour will be led by a master naturalist who will explain "What's special about this place?" All tours are from 8:00 a.m. to 10:00 a.m. For further information, contact Joann Thomas at 970-482-7125 or email at [jthomas91@aol.com](mailto:jthomas91@aol.com).

**5/10/09, Sunday. Bobcat Ridge Natural Area Bird Survey.** Leader: Denise Bretting. Meet at 6:30 am. FCAS performs a monthly bird census for the city of Fort Collins. All levels welcomed. Contact Denise by email at [dbretting@swloveland.com](mailto:dbretting@swloveland.com) or by phone at work: 970-669-1185, or home: 970-669-8095.

All field trips are free of charge (unless otherwise noted) and open to the public. All experience levels are welcome. Participants should dress appropriately for the weather. Bring snacks or lunch, water, binoculars, and spotting scopes. Carpooling is encouraged. A \$3 (unless otherwise noted) contribution per passenger to the driver is suggested. Visit [www.fortnet.org/Audubon](http://www.fortnet.org/Audubon) for more information. Please contact the trip leader for sign up and trip details. Field Trip Coordinator: Eric DeFonso, [yoericd@yahoo.com](mailto:yoericd@yahoo.com) or 970-472-1761.



Photo by Paul Bannick-Ferruginous Pigmy-Owl Chicks

## WATCH FOR

more information about Paul Bannick, photographer and author, sponsored by Fort Collins Audubon Society and Reader's Cove bookstore coming to Fort Collins, June 25th, 7:30 p.m., presenting images and excerpts from his bestselling book, *The Owl and The Woodpecker*.

*The Owl and The Woodpecker* showcases a sense of these birds' natural rhythms, as well as the integral spirit of our wild places. Based on thousands of hours in the field photographing these fascinating and wily birds, Bannick evokes all 41 North American species of owls and woodpeckers, across 11 key habitats. And by revealing the impact of two of our most iconic birds, Bannick has created a wholly unique approach to birding and conservation.

**This program will be held at  
Reader's Cove bookstore, 1001 E Harmony Road, Fort Collins**



## Conservation Corner

By Bill Miller - Conservation Chair



### WHAT, PRAY TELL, IS GLOBAL DIMMING?

Within the last year I caught a TV program (the name escapes me) that talked about "Global Dimming." To which I said, "What?" The program went on to explain that the reality of the phenomenon was first identified when temperatures around the world experienced slight increases in the few days when virtually 100% of all aviation traffic ceased following the Sept. 11, 2001 attacks on the World Trade Center in New York City. The analysis of the temperature records took several years following 9-11 and was observed to be most prominent in areas of the earth where air traffic is most intense.

To back up a little, atmospheric scientists had noticed, over three decades, a gradual reduction in the amount of sunlight reaching the earth's surface. But they were not certain what to attribute that trend to. Then, following 9-11 with the subsequent halt in air traffic, the amount of sunlight reaching the earth's surface suddenly increased and the resultant, albeit temporary, increase in surface temperatures was observed. The reduction in sunlight reaching the earth was attributed to the increase in particulate matter as well as an increase in aerosol particles in the earth's atmosphere. The sudden spike in sunlight received at the earth's surface and regional temperature increases was attributed to the sudden cessation of contrails from high-flying jet aircraft. The program went on to explain that the introduction of particulates and aerosols into the earth's atmosphere can arise from other sources, such as volcanic eruptions, forest fires, and emissions from the burning of fossil fuels.

The solid and aerosol particulates act as condensation nuclei upon which water vapor condense to form water droplets. If the droplets remain small enough they are suspended in the atmosphere and form clouds. The smaller droplets make the clouds more reflective so that more incoming sunlight is reflected back into space and less reaches the earth's surface. The net result is that the earth's surface temperature should become cooler.

It is believed by a majority of scientists around the world that the burning of fossil fuels has resulted in the introduction of so-called greenhouse gases into the atmosphere. Normally, the earth's

"People tend to focus on the here and now. The problem is that, once global warming is something that most people can feel in the course of their daily lives, it will be too late to prevent much larger, potentially catastrophic changes."

-- Elizabeth Kolbert, *The New Yorker*, Apr. 25, 2005

surface absorbs thermal energy during daylight hours and much of this energy is then radiated to outer space at night, much the same way that you can feel the heat being given off by an electric space heater from across the room. The heat you feel is radiant heat, rather than convective heat such as you would feel when you place your hand above a warm or hot heat source.

It is now thought that the greenhouse gases (primarily carbon dioxide and methane) act like an insulating blanket and the thermal energy absorbed by the earth's surface during daylight hours is stopped from being radiated to outer space. The net result is that the earth's atmosphere becomes warmer.

The TV program that I watched brought out this point: the effects of global warming brought about by the introduction of greenhouse gases into the atmosphere would be approximately 50% - 60% greater **IF** the effects of global dimming were not countering some of the heating effects.

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Here is the rub: if we curb the emissions of particulates (fine particles from the burning of coal and unburned particles from diesel fuel and forest fires) and aerosols (jet contrails, volcanoes) into the atmosphere we will exacerbate the warming effects of the greenhouse gases already in the atmosphere. So, our efforts to reduce emissions by requiring cleaner-operating vehicles and more efficient scrubbing processes on power plants could actually enhance the warming effects of greenhouse gases.

It is thought that the phenomenon underlying global dimming may be having regional effects. Most of the earth's surface has warmed, but areas downwind of major sources of air pollution have generally cooled slightly. This may explain why the eastern United States may have cooled some while the western U.S. has been warming.

For further information, see: [http://en.wikipedia.org/wiki/Global\\_dimming](http://en.wikipedia.org/wiki/Global_dimming) or Google on: "Global Dimming."



***The fuse has been lit,  
and is burning faster and faster!***

## IT'S ABOUT SURVIVAL



Many Americans have concerned themselves with the survival of wildlife species, the world's fisheries, our wonders of our natural world, and clean and healthy water and air. Unfortunately, many of us are also concerned with our personal financial survival in the face of the economic meltdown of our national and international economies.

I am concerned over the health and survival of the Fort Collins Audubon Society. My concern arises from the fact that we are short some volunteers to fill key positions on our Board of Directors and in Committee positions. The strength of our organization derives from the willingness of volunteers to step forward and assume responsibility for some of the tasks that make the organization what it is. When we have no-one to fill certain positions that means somebody already filling one position has to double up and take on the responsibilities an additional position.

**Our critical needs right now are people to fill our Publications and Public Relations positions.**

The responsibilities of the **Publications** person are essentially to take the articles and information provided by others and, using one of the publisher software programs, arrange them in the form in which they will be provided to the publishing company who will print the newsletter and mail it out.

The **Public Relations** person will, using an existing list of newspaper and other media, generate one-page announcements about (a) upcoming programs and (b) upcoming field trips, and electronically send those announcements to the list of newspapers and other media, as well as to the FCAS board of directors.

These positions are critical, in that our newsletter is the mechanism by which we communicate with our members and the

announcements are the way we let the general public know about our chapter's activities.

If you think you might be able to help in one of these areas please contact any of the chapter officers listed on the inside of the back page of the **Ptarmigan**.

While I'm at it, I might as well put in a **B-I-G** plug for your support of the upcoming **Birdathon**. In case you didn't know it, we receive a minimal amount of financial support from the National Audubon Society (NAS) for those members who become Audubon members by signing up directly with NAS, and we receive just the first-year dues of those members who join the national organization through us. If a person buys a chapter membership, at \$15 per year, FCAS keeps all of the dues monies. We have a little over 100 chapter members so, if you do the math, you see that would amount to \$1500 or more per year. Sounds like a lot until you realize that it costs us roughly \$500 each month to print and mail the newsletter, \$135 each month to rent the Columbine Room at the Lincoln Center for our programs, and we have committed \$2100 in scholarships this year to an underserved youth program at CSU's Environmental Learning Center in cooperation with the Poudre School District.

We may also be providing some scholarships to educators. If we are not able to raise funds above and beyond our membership revenues you can expect services provided by FCAS to be reduced. So, please make a tax-deductible contribution to FCAS by pledging to this year's **Birdathon**. You could pledge an amount per species, or pledge a flat amount. Any amount helps. Please support your chapter. And please support and recognize the efforts of the volunteers who will go out on the weekend of May 15-17 to count bird species for the Birdathon. Better yet – join a team!





## Join the Fort Collins Audubon On Canoe & Sea Kayak Adventures To Explore, Learn & Have Fun!



Photo by Dave Hanson

We'll provide the  
boats, food,  
fun-loving guides  
& great scenery!



### White River Canoe Trip: May 29-31

(near Rangley, CO)

\$320/adult & \$265/child 6-12

### Colorado River Sea Kayak Trip: Aug 7-9

(near Grand Junction, CO)

\$335/adult & \$280/child 6-12

Register with Centennial Canoe  
at [www.CentennialCanoe.com](http://www.CentennialCanoe.com)  
877-353-1850



## Do you know a teacher who.....

Needs credit for recertification, or...

Likes to take summer classes about nature, wildlife, the environment, and

Could use some financial assistance to take a class and get credit?

### ***If so, please tell them about the FCAS Educator Scholarships!***

We have at least 7 scholarships available of up to \$250 each, for preK-12 teachers in public or private schools to attend a workshop or class that focuses on environmental study, nature, wildlife or environmental education.

Possible sources of classes that would qualify for the scholarships:

Rocky Mountain Nature Association: <http://www.rmna.org/seminars.html>

Colorado Division of Wildlife/Project WILD, WET, Learning Tree:

<http://wildlife.state.co.us/Education/TeacherResources/Workshops/WorkshopsCalendar.htm>

Colorado School of Mines: [http://inside.mines.edu/Outreach/Cont\\_Ed/teacher.shtml](http://inside.mines.edu/Outreach/Cont_Ed/teacher.shtml)

FCAS: <http://www.fortnet.org/Audubon/education.htm>



Funding assistance may be give for tuition, transportation, equipment and supplies.

Applicants must live in the Fort Collins Audubon Society geographical membership area – Larimer County or Windsor.

Selection of applicants will be based on merit, level of interest, and the anticipated value of the experience.

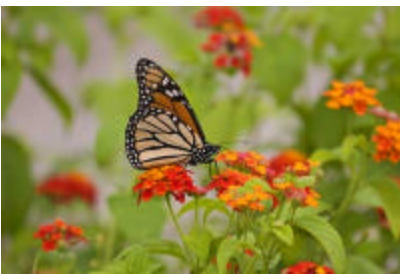
To get an application, go to [www.fortnet.org/Audubon](http://www.fortnet.org/Audubon) and click on “Scholarship Fund”.

The deadline for applications in May 1, 2009. If all scholarship funds haven’t been allocated by that time, we will continue to consider applications and award scholarships. But teachers should apply ASAP to maximize chances of getting funding.

If teachers have questions, they can contact Lisa Evans at 970-492-7190 or [Lceski@comcast.net](mailto:Lceski@comcast.net)

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## Wildlife Habitat Garden Tour



Our second Wildlife Habitat Garden Tour is being planned, so mark your calendars! June 13th we invite Audubon members and the public on a self-guided tour of 5 gardens created to attract birds, butterflies, and other wildlife. The gardens will show what a wide variety of garden sizes and plantings can attract animals, and each is totally unique. You’ll get ideas for your garden, backyard, or even just a porch planter from these wonderful and generous gardeners who will be at the tour to tell you about creating their outdoor space.

You’ll also get our informative “field guide” ticket book with maps to the gardens, information on each garden, lists of plants appropriate to our climate, resources to learn more about “wildscaping” and lots of helpful tips. My dream is that someday we can call all of Fort Collins a bird sanctuary. How many wildlife gardens will that take?

The gardens will be open from 8 am to 3 pm, and the addresses will be posted later on our Audubon website, [www.fortnet.org/Audubon](http://www.fortnet.org/Audubon), and on the message telephone at 970.490.BIRD. You can buy your \$15.00 ticket booklet at any of the gardens on June 13th, or in advance after June 1st from our sponsors including Bath Nursery, Ranch-Way Feeds, Fort Collins Nursery, Wild Birds Unlimited and others to be announced soon. This Garden Tour is a major fundraiser for FCAS, particularly for our scholarships for students and teachers. Tell your friends and neighbors!







## **2009 Legislative Forum February 21, 2009 By Conservation Committee member Liz Pruessner**



Early on a bright, frosty morning in February I pulled up in front of Bill Miller's house, eagerly anticipating the day's events. Nope - we weren't heading out for a morning of birding! We were on our way to Denver to attend the legislative forum sponsored by Audubon of Greater Denver and the Enos Mills Group of the Sierra Club. An overnight storm had brought an inch or two of snow, but I-25 was not bad as we made our way south. We even managed to spot a few Red Tail Hawks guarding nests in giant Cottonwood trees.

Despite the snow there was a good turnout. As we munched on a lovely continental breakfast generously donated by Whole Foods and King Soopers (Thank You!), we got an overview of the main environmental bills of the 2009 Legislative Session. Jen Boulton, the Legislative Liaison (i.e. lobbyist) for Audubon Colorado and Gary Lindstrom, the Chair of the Sierra Club Legislative Committee and a former Colorado Legislator led the discussion. I came away from the discussion most impressed with the work these two are doing on behalf of Audubon Colorado and the Sierra Club. They are extremely knowledgeable, hardworking and influential in working to educate legislators and help craft legislation to protect the environment and wildlife in Colorado.

### **New Rules for Oil and Gas Drilling**

The next item on the agenda was a panel discussion of the new oil and gas regulations. One of the most important bills coming up for passage at the time of the meeting was the rules change bill for the Colorado Oil and Gas Conservation Commission which would boost protection for human health, wildlife, habitat and rights of land owners from the effects of oil and gas drilling. There was a lot of counter legislation being prepared to attempt to block the rules change, but fortunately to no avail. As you probably know the new rules bill was passed the last week of March and goes into effect April 1 for Colorado Land and May 1 for all Federal land. There are still details to work out for how the rules will apply to Federal land and the Colorado Oil and Gas Conservation Commission has begun meeting for that discussion. The passage of this legislation is great news for Colorado and the environment since oil and gas drilling has rapidly expanded in recent years. One interesting and unfortunate note is that increased protection for Short Grass Steppe habitat and species such as Mountain Plover, Burrowing Owls, Swift Fox, Prairie Falcon, Peregrine Falcon and Prairie Dogs (my apologies to Kevin Cook - I know I should say Steppe Squirrels) were removed from the new legislation largely because of widespread support for oil and gas drilling in Weld County. This just means we have more work to do next time around.

Our own Representative Randy Fischer (District 53) played a large role in the success of the rules change bill so if you haven't had a chance, take a moment to call or send him an email thanking him for his work and support. (303-866-2917) [RandyFischer@frii.com](mailto:RandyFischer@frii.com). And if you are so moved you can thank Rep. John Kefalas (303-866-4569) and Sen. Bob Bacon (303-866-4841) for their affirmative votes as well.

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## Habitat Stamp



Following the panel discussion on oil and gas regulations, Tim Mauck of the CO Division of Wildlife spoke on changes coming to the Habitat Stamp program. Apparently a Federal lawsuit will force the state of Colorado to remove the requirement for the stand alone Habitat Stamp on State Wildlife Areas (SWA) and State Trust lands starting next year. However, purchase of the stamp will continue to be required for anyone buying hunting or fishing licenses. And you **still** need them if you visit any SWA this year so don't be caught without yours because there is a fine! But next year purchase of the stand alone Habitat Stamp will be voluntary. The Habitat

Stamp is actually a great way to support funding for wildlife and state programs to preserve habitat. Over 3 million dollars have been raised since the stamp's introduction in 2006 and every dollar has gone into protecting wildlife habitat. Plus it gives you protection if you are lost in the woods and the Search and Rescue Team is called out to find you. You will not be billed for their expenses if you are carrying the Habitat Stamp. Very important for those of us who do not carry our pocket GPS!

The new rules have not been formalized and if you consult the Colorado Division of Wildlife there is no hint that this change is coming. I will keep you posted in upcoming issues of the Ptarmigan with new developments in the Habitat Stamp program.

Representative Randy Fisher and Senator Linda Newell joined us for a potluck lunch and both gave a brief summary of the legislation they are sponsoring as well as concerns about the current session. It was good to learn a bit more about the process and have the opportunity ask questions and thank these two legislators who support environmental issues.

## Take Action

The final item of the day was a stimulating and insightful talk led by Former Senate Majority Leader Ken Gordon on the subject of participation in Democracy. He is concerned that government at all levels in the United States, from the local to the national, is largely co-opted by special interests with deep pockets. He became frustrated during his tenure in the Colorado Senate watching lobbyists shape bills which benefit themselves, often at the expense of the rest of us and buy support by funding election campaigns. He sees it as a direct assault on our freedoms and way of life. Public policy is being shaped by a few people who have a large vested interest in the outcome while most of the population is asleep at the wheel and doesn't get involved. We only realize what has happened after bad ideas become law. The recent decade of deregulation in the financial markets which helped create our current financial crisis is a good example. Democracy is in danger of shriveling up due to profound apathy and lack of involvement by the general public. He is interviewing people who have been negatively impacted by special interest legislation and preparing a book on the subject with the hope of stimulating more participation at the grassroots level. The remedy is for each of us to get involved and take action in whatever way we can. More information can be found on his website: [kengordon.com](http://kengordon.com).

I came away from the meeting feeling inspired to do more. It was great to meet this group of like minded people who are motivated and working hard on behalf of the natural world. Audubon and the Sierra Club have some wonderful members committed to creating positive change. And we need more help! I invite you to look around and see what you can do add your voice or special talents in whatever way you feel called. The birds and wildlife would thank you if they could!



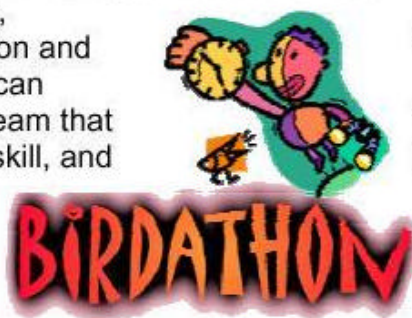


## Fort Collins Audubon ANNUAL BIRDATHON!

*By Connie Kogler - Birdathon Coordinator*

This year's event is taking place in any 24-hour period from Friday, May 15th, 5:00 p.m. through Sunday, May 17th 5:00 p.m.

The Fort Collins Audubon Society is looking for dozens of teams to field and find birds in a 24 hour period for our biggest fundraising event of the year. Money we raise helps finance our local conservation projects, scholarships, education and programs. ANYONE can participate! Form a team that fits your personality, skill, and style with a few good friends, your company, or co-workers. Get pledges - either fixed sum or per species - and on the Birdathon day get out, have fun, and count birds.



- No time? How about a lunch hour count?
- No car? How about a biking or walking count?
- No motivation? How about a patio-porch count?
- No Friends? Sign up and we'll get you on a team!

Teams must be registered, earn pledges and count in Colorado to compete for prizes and attend the Birdathon Celebration Dinner, on Sunday, May 17th, 7:00 p.m. For more information on how you can participate, sponsor a team, or support the dinner, visit our website: [www.fortnet.org/Audubon](http://www.fortnet.org/Audubon) or contact Birdathon Organizer, Connie Kogler at 622-9710 or [zBlueHeron@gmail.com](mailto:zBlueHeron@gmail.com)

### FCAS Birdathon Donation Form

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

I want to pledge:

\_\_\_ A fixed amount of \$ \_\_\_\_\_

\_\_\_ To provide incentive—an amount for each species identified by a team of your choice! Please pick the team you are sponsoring before the Birdathon day! \$ \_\_\_\_\_ per species, you pick the amount

\_\_\_ \$1.00 per species (I understand that the number of species is usually between 120 and 170).

**Send to: Fort Collins Audubon Society**  
**P.O. Box 271968, Fort Collins, CO 80527-1968**  
 You may also donate online at [www.fortnet.org/Audubon](http://www.fortnet.org/Audubon)



## Education Corner

By Joann Thomas - Education Chair

### Sacred Places

One can feel the peace--the pervading stillness--on entering a sacred place. Halls of justice, cathedrals, shrines, battlefields, graveyards. All leave us a little bit humbled and awed. I was privileged to visit such a place in April—the research room of the Denver Museum of Nature and Science. Specifically we went to examine and compare bird specimens to enhance our identification skills.

The room contained birds, mounted for research, including many extinct species. One cabinet that holds extremely rare birds can be rolled quickly from the museum in the event of a disaster. Jeff Stephenson, collections manager, unlocked the cabinet and pulled out shelf after shelf of glimpses into the past.

One shelf contained an Ivory-billed Woodpecker, my Holy Grail. I hope deeply and fervently against popular opinion that it still exists somewhere. To actually see the beak and the feathers and the size of this thought to be extinct bird moved me. I wanted to touch it and stroke it back to life. Four more shelves in this very special cabinet held mounted skins of birds believed to be extinct, like the Eskimo Curlew.

The top shelf contained the holotype of the Gunnison Sage Grouse. A holotype is a single physical example or illustration of an organism that is used to document and describe a species. There is only one in the world for each species and we were

looking at it for this bird. After carefully showing us each shelf, Stephenson closed and locked the doors to this tabernacle—this repository of the sacred elements of avian life.

Moving now to the more accessible collection, we each were allowed to select a bird we'd always wanted to see. For my one bird, I selected the Puffin. Here we were allowed to hold the mounted birds. In addition to the rule of no drink or food in the room, we had to wear latex gloves because prior to the 1970s, preservation methods involved arsenic and mercury.

So my gloved hands now gently held a Puffin. Smaller than I'd imagined, their short wings are adapted for swimming with a flying technique under water. In the air, they beat their wings rapidly (up to 400 times per minute), often flying low over the ocean's surface. I gently ran my fingers over its sleek body hoping to sense some vestige of its existence.

The museum's collection contains bird skins, skeletons, eggs, nests and bird tissues. Stephenson showed us two eggs, one fossilized and one hollow, from the extinct Elephant bird of Madagascar, a flightless bird that stood 12 feet tall. The egg is larger than a basketball and these are two of only eight existing in the world.

After indulging our curiosity about birds we wished we could see, we addressed our main reason for visiting the collection—to enhance our identification skills of birds we do see. We were presented with a tray containing a Cassin's Finch, a Purple Finch, and a House Finch. Our mission was to carefully examine each species and compare the field markings. A close look revealed the differences in size and coloration. We also compared the Cooper's Hawk to the Sharp-shinned Hawk.



*Continued on next page*



## Welcome new and renewing members!

We hope to see you at our programs and field trips.



	Cindy Woutersz	Daniel N. Scariano
	Joseph Bowden	De Fowler
	Kate O'Brien	Peggy E. Watts
	Scott Scharf	Tim and Kathy
	Alan Godwin	Hudnall
	Lura Head	Barbara Mallot
Janet E. Baynton	Barbara Helmers	Edmund Levering
Louise Parker	Patrick Davies	Martha Goodell
Harry Howard	Denise Ostmeyer	Erica Cristensen
Karen Falgout	L. Saldana	Robert and Dorothy
Anne M. Bailey	Jette Carlson	Adel
Phyllis Freeman	Duane Asherin	Nancy Hallerman
Matthew J. Goering	John J. McCarthy	Elizabeth Pruessner

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While not immediately obvious in the field, here the difference in size was clear.

With lunch and a visit to the dioramas, our day ended much too soon. This wonderful opportunity is available to anyone with a serious interest in working with the bird specimens to enhance their identification skills. A call to the museum can put you in touch with Jeff Stephenson, collections manager, and a trip to the museum's research collection can put you in touch with a sense of reverence and awe for the diversity of avian life on earth.

## Want less paper mail?

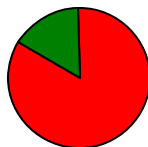
Get your newsletter online!

The current issue of the newsletter is available online to members only. If you'd like to receive an e-mail notification, please e-mail your **name and address as it appears on your newsletter's mailing label** and the e-mail address you wish to use to [shelagh.tupper@gmail.com](mailto:shelagh.tupper@gmail.com). Please indicate e-mail only or both e-mail and paper.

### Monthly Newsletter Distribution

**Paper: 739 (85.3%)**  
**E-mail: 127 (14.7%)**

Do you really need  
the paper version?



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For other FCAS contacts visit

[www.fortnet.org/audubon/leadership.htm](http://www.fortnet.org/audubon/leadership.htm)





Fort Collins Audubon Society  
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### The White River by Canoe

Date: May 29-31 (Fri-Sun), 2009

Cost: \$320 adult, \$280 child (age 6-16)

Level: Beginner / Intermediate



### The Colorado River by Sea Kayak

Date: August 7-9 (Fri-Sun), 2009

Cost: \$335 adult, \$280 child (ages 6-16)

Level: Beginner

### Membership Application

Join the Fort Collins Audubon Society (FCAS) directly, or automatically become a member by joining the National Audubon Society (NAS). Choose one below:

- ☐ **New or Renewing Member of FCAS** (annual dues) **\$15**  
(Receive the *Ptarmigan* newsletter)  
☐ FCAS may share my name with NAS
- ☐ **New Member of NAS & Chapter** **\$20**  
(Receive *Audubon* magazine and *Ptarmigan*)
- ☐ **Renewing Member of NAS & Chapter** **\$35**  
(Receive *Audubon* magazine and *Ptarmigan*)

**Did you know?** Less than \$1 of your NAS dues is left for FCAS funds. FCAS serves NAS members through its own fundraising efforts. We appreciate your financial support!

Additional donation to FCAS \$ \_\_\_\_\_

Total enclosed \$ \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

- ☐ I prefer to receive the *Ptarmigan* via the FCAS website.  
Please e-mail me when posted.

Please make your check payable to **FCAS** and send along with this form to: **Fort Collins Audubon Society, PO Box 271968, Fort Collins, CO 80527-1968**

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