

The Bridgerland Audubon Society meets the second Thursday of each month, October through May, in the Council Room of the new Logan City Building, 255 N. Main. Meetings start at 7:30 p.m. The BAS Planning Committee meets every third Wednesday, October through May, in the Logan Library at 7:00 p.m. Everyone is welcome to attend.

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Membership in the Bridgerland Audubon Society includes a subscription to *The Stilt*, as well as the *Audubon* magazine. The editor of *The Stilt* invites submissions of any kind, due on the 15th of each month. Send to 718 N 200 E, Logan, UT 84321.

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Bridgerland Audubon Society
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National Audubon Society CHAPTER MEMBERSHIP APPLICATION

HOW DO I JOIN?

Complete the following application and enclose a check for the appropriate type of membership. Send to:

NATIONAL AUDUBON SOCIETY
Chapter Membership Data Center
Box 2664
Boulder, CO 80321
Credit Bridgerland Audubon W-52

Check membership category desired.

- ☐ Introductory one year/ \$20
☐ Individual / \$30 (H)
☐ Family/ \$38 (J)
☐ Student/ \$18 (K)
☐ Senior Citizen Individual/ \$21 (N)
☐ Senior Citizen Family/ \$23 (P)
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THE STILT

BRIDGERLAND AUDUBON SOCIETY

Vol. 15, No. 6

April 1987

MEETING CALENDAR

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Thursday, April 9: REGULAR BAS GENERAL MEETING 7:30 p.m. at the Logan Library, 255 North Main Street. The speaker for this month's meeting will be John Kimball of the Ogden Office of the Utah Division of Wildlife Resources. His topic will be moose, and the title of his presentation is "Moose in Utah: Historical Occurrence and Recent Range Extensions."

Wednesday, April 14: BAS CONSERVATION COMMITTEE MEETING 7:00 p.m. in Room 112B of the Biology/Natural Resources Building (BNR) on the USU campus.

Tuesday, April 15: BAS PLANNING COMMITTEE MEETING Forget your taxes and come to the BAS planning committee meeting at 7:00 p.m. at the Logan Library, 255 North Main Street.

Friday, April 24: BAS ANNUAL BANQUET 6:00 p.m. at the Cottage Restaurant, 51 West 200 South, Logan. The speaker, Allan Morgan, will present a talk entitled "The Great Whales of California." For reservations, call 753-893; tickets are \$10 each. See related article in this edition of *The Stilt*.

Saturday, April 25: UTAH AUDUBON COUNCIL MEETING Meet with the other Utah Audubon chapters for a program and field trip at the Ogden Bay Waterfowl Management Area. See related article in this edition of *The Stilt*.

Monday-Saturday, August 24-29: NATIONAL AUDUBON SOCIETY 1987 NATIONAL CONVENTION Bellingham, Washington. Mark your calendars and see the related article in this edition of *The Stilt* for more details.

FIELD TRIP CALENDAR

Friday-Saturday, April 3-4: GROUSE COURTSHIP Overnight camping trip to Curlew National Grasslands in southern Idaho to observe both sage and sharp-tailed grouse on their dance grounds. Camp at historic Twin Springs campground. YOU NEED RESERVATIONS FOR THIS FIELD TRIP; call Al Stokes, 752-2702.

Friday-Sunday, April 17-19: BEAVER DAM WASH This three-day field trip has been arranged by the Wasatch Audubon chapter in Ogden. Beaver Dam Wash is the most famous birding location in Utah and offers a great chance to see Mojave desert birds, reptiles and plants. Camping is available. Call Bob Brodstein at 399-0960 if you're interested.

Saturday, April 18: MARSH AND WATER BIRDS OF CACHE VALLEY Leave at 8:00 a.m. from the Fred Meyer parking lot; return by noon.

Saturday, May 2: SHOREBIRDS AT AMALGA BARRENS The best place to see 12 or more species of shorebirds and many other marsh birds. This is one of BAS' most

popular field trips. Leave at 8:00 a.m. from the Fred Meyer parking lot and return by noon. Bring a spotting scope if you can.

Saturday, May 16 and Sunday, May 17: CANOEING THE BEAR RIVER An easy, 15-mile paddle down river from Trenton to Amalga, with stops to see great blue heron nesting and great horned owls. Expect to see 60 or more species of birds. YOU NEED RESERVATIONS FOR THIS FIELD TRIP; call Al Stokes, 752-2702, beginning May 11. One trip will be conducted on Saturday, and a second on Sunday.

Saturday, May 30: CANOEING THE LITTLE BEAR RIVER An easy, two-hour paddle down Spring Creek and back up the Little Bear. The route will go under a great blue heron colony, and participants will observe lots of beaver activity and many nesting marsh birds. YOU NEED RESERVATIONS FOR THIS FIELD TRIP; call Al Stokes, 752-2702. One trip will leave at 8:00 a.m. and one at 4:00 p.m.

ECOLOGY CAMP SCHOLARSHIP

The Bridgerland Audubon Society is offering a \$400 scholarship for one person to attend the National Audubon Society's Ecology Camp in the West. Teachers, college students and others interested in sharing their knowledge about the natural world are invited to apply.

The two-week camp is held each year in Wyoming's Wind River Mountains near Dubois, and costs \$650. The camp offers students a unique educational experience in a spectacular setting. College credit is also available.

Three different camp sessions are available to interested parties: July 5-17, July 19-31 and August 2-14. Anyone interested in applying for the scholarship should contact BAS Education Chair, Nancy Warner, at 752-7345. The application deadline is April 15. See the related article in this issue of *The Stilt* for more details on the camp.

— Al Stokes

AUDUBON ANNUAL BANQUET PROGRAM TO FEATURE WHALES, CONSERVATION AWARD

"The Great Whales of Baja California" will be on the agenda for the fifth Bridgerland Audubon Society annual banquet, to be held at the Cottage Restaurant (51 West 200 South, Logan), beginning at 6:00 p.m. on Friday, April 24. The featured speaker will be C. Allan Morgan, a Tucson, Arizona photographer, whose credits include National Geographic publications, Sierra Club calendars and

Audubon, Natural History and *National Wildlife* magazine articles. His presentation will include discussion and slides of sperm whales, orcas, pilot whales and grays.

Presentation of the chapter's 1987 Allan Stokes Conservation Award will be a highlight of the banquet. BAS presents this award annually to the individual, group, company or organization making the year's most outstanding contribution to natural resource conservation, education or nature writing. Nominations for the recipient of this award will remain open until April 7. If you wish to nominate a potential recipient, please contact Dianne Browning by the 7th at 752-5946.

Tickets for the banquet, whale show and award presentation are \$10.00. For ticket information and reservations, call Scott Cheney at 753-1893 or Jill Smith at 750-1359.

UTAH AUDUBON COUNCIL MEETING

On Saturday, April 25, BAS members will again have the opportunity to meet with our like-minded associates at other Audubon chapters from around Utah. The Utah Audubon Council consists of representatives from each of the chapters in the state, who get together twice a year to share information and ideas about chapter effectiveness, conservation, education and other chapter functions. These meetings are also one of our best ways to get to know "who else is there" and what they are up to. UAC meetings are open to any member who would like to know more about the inner workings of Audubon in Utah. I encourage you not to be shy, but come and join us.

The meeting this April is being hosted by the Wasatch Audubon Society from Ogden, and they have graciously offered to supply lunch for the ravenous crew from Logan (little do they realize that appetites such as those owned by Steve Flint or Chuck Warner may be represented there). The meeting will commence at 9:30 a.m. at the Ogden Bay Waterfowl Management Area, at which time the area manager, Val Bachman, will give a brief history of the management area and how the high water has affected it. It will be interesting to discover what plans the Division of Wildlife Resources has in mind for the area once the lake recedes. After lunch there will be a Chapter information exchange as well as an update on the proposed Utah Lake Wildlife Refuge and a report on the Latilong and Bird Atlas projects. This will be followed by discussion of Audubon's stand on the Utah Basin and Wilderness plans. All this and more!

Car pooling will be available, and everyone is welcome to attend, so why not plan on joining us? Contact one of the officers listed on the back of *The Stilt* if you are interested in coming along.

— Al Stokes

AUDUBON NATIONAL CONVENTION

Mark the dates of August 24-29, 1987, on your calendar and join us in Bellingham, Washington for the National Audubon Convention. Scheduled are stimulating sessions on old-growth forests, spotted owls and marine birds; "how-to" workshops; keynote speakers and more.

The host chapters in the Pacific Northwest have assembled the most exciting array of field trips ever at a national convention. These trips include pelagic trips in Puget Sound, a day-long visit to the beautiful city of Vancouver, birding trips into the Cascades, the Olympic Peninsula rainforests, the Columbia Gorge and Malheur National Wildlife Refuge in Oregon, Mt. St. Helen's wildflower trips, Indian culture trips and many more.

The convention site will be the Western Washington University campus which will give us very affordable meal and lodging packages (complete accommodations for five days will be in the \$200-225 range).

— Jill Smith

Application forms and more details on the field trips will be forthcoming in a future edition of *The Stilt*.

— Audubon Leader, February 1987

MT. NAOMI COYOTE CONTROL

The emotionally-charged issue concerning the helicopter-based shooting of coyotes in the Mt. Naomi Wilderness Area ended with the control program being approved despite appeals filed by the Utah Wilderness Association and the Sierra Club.

By decision of its conservation committee and attendees at the January planning meeting, Bridgerland Audubon Society decided not to make a major issue out of this proposed coyote control. BAS did, however, voice its disapproval of the proposed shooting in the wilderness area to the Cache-Wasatch National Forest. A review of the Environmental Assessment was also prepared for the Forest Service. This review pointed out inadequacies in the analysis justifying control and asked for clarification of several points. A push for using guard dogs as an alternative control measure was also made. A response by District Ranger Dave Baumgartner to this review acknowledged some of the data inadequacies, clarified some of the analysis confusion, and agreed that guard dogs are a good idea, but expensive (about \$1,000 each). In the Forest Service opinion the issue was the law, and whether or not it was being interpreted as intended by the U.S. Congress. Baumgartner said he appreciated BAS' input, and stated that if another Environmental Assessment was written, it would be better.

— Ron Ryel

THE TIME TO HEAR BIRD MUSIC is between four and six in the morning. Seven o'clock is not too late, but by eight the fine rapture is over, due, I suspect, to the contentment of the inner man that comes with breakfast; a poet should always be hungry or have a lost love.

— Donald Culross Peattie, *An Almanac for Moderns*

LOGAN CANYON HIGHWAY MODIFICATION SCOPING MEETING

The first public scoping meeting concerning modification to the highway in Logan Canyon was conducted March 3 by the Utah Department of Transportation and its project consultant, CH2M Hill. Over 300 people attended the meeting, including a sizeable contingent from BAS. Some 60 people presented comments at the meeting.

BAS President Ron Ryel presented Bridgerland Audubon's position on the proposed modifications. These are summarized as follows:

1. Logan Canyon contains significant scenic resources. This view is consistent with that of the Cache-Wasatch National Forest, which is managing the canyon as a scenic highway;
2. Some low-impact modifications to the existing roadway may be desirable and necessary;
3. The spot-improvements alternative is the most consistent with preserving the beauty and scenic resources of the canyon. Each modification in the alternative, however, should be evaluated individually in terms of environmental impacts, safety, recreation access, flooding potential, snow removal and, in the case of bridges, structural integrity and width relative to the existing roadway. Such evaluations are likely to preclude the necessity of a passing lane in the dugway, major realignment at Logan Cave, and the replacement of all bridges.
4. The position on Logan Canyon roadway modifications presented by the Citizens for the Protection of Logan Canyon is fully supported as is the inclusion of this proposal as a formal alternative.
5. More extensive modifications to the canyon roadway are neither desirable nor necessary. Two major reasons are: the Forest Service's plan to manage the canyon as a scenic highway and the lack of conclusive evidence of significant increases in traffic in the canyon in the near future. The more extensive modification alternative should be dropped from consideration.

Further information about the proposed modifications and the present status of the review process can be obtained from Steve Flint at 752-9102 in the evenings. If you have not yet made your comments known on what issues you believe should be addressed in the Environmental Impact Statement (EIS), you have until April 6 to mail your comments to Stanton Nuffer or Clifford Forsgren, CH2M Hill, P.O. Box 2218, Salt Lake City, UT 84101.

— Ron Ryel/Steve Flint

NEW CIRCULATION OFFICER

Mike Jablonski has assumed responsibility for mailing *The Stilt* and managing the mailing list. If you are getting too many copies of *The Stilt*, if your name is misspelled or if your address is incorrect in any way, give him a call (753-6964) or drop him a line at 55 East 300 North, Logan.

WASATCH CHAPTER ALIVE AND KICKING

The Wasatch Audubon Society, according to Al Stokes, is doing very well. Al recently attended a meeting of the Wasatch Audubon's board in Ogden, with 10 members in attendance. They have several really outgoing members who have recruited many new members and brought their total to over 250. They may well have passed BAS in membership! The chapter has sponsored Audubon Adventures in 38 classrooms. In addition, it provided speakers and field trip leaders to these teachers. Response from the teachers has been highly favorable.

Wasatch has erected dozens of nest boxes for bluebirds. Each year they go up to the Monte Cristo area to repair boxes and check on their use. To date, house wrens seem to be the major beneficiaries. Still, it is a good club project. This chapter, under the able leadership of Jack Rensel, sold 15,700 pounds of sunflower seed this winter, most by prepaid advance orders. This is only their fourth year, and sales have jumped dramatically each year.

Bob Brodstein reported on a full schedule of field trips, including Golden Spike National Monument, Beaver Dam Wash near St. George, and even our own Bear River for a canoe trip. Lucy Parkinson is the spark plug for the aluminum can recycling to put up a scholarship for the Audubon camp. President Sally Holmes expressed thanks for members of Bridgerland Audubon attending their annual August picnic. Al invited them to attend our annual banquet on April 24.

— Al Stokes

RECYCLING: KEEP THOSE CANS COMING . . . FOR SCHOLARSHIPS

Bridgerland Audubon has already allocated \$400 for one scholarship to the Audubon Ecology Camp of the West near Dubois, Wyoming (see related article in this issue of *The Stilt*). But we have at least three exceptionally well-qualified candidates for this scholarship, and our chapter is now seeking to raise an additional \$800 for two more scholarships. Already we have pretty good assurances that the Giardia Track and Field group will give us \$200 from its spring Giardia run (so everybody plan on joining in on that fun event). In addition, we have asked Warren

Gold of the USU Recycling Project for a \$200 Challenge Grant. I have suggested that we would match whatever they gave us from our own off-campus can recycling. July 1. Already we have some \$25, and I want to thank Cindy and Dale Krebs, Reinhard Jockel, Scott and Jo Cheney, Julie Phillips, Sally Keller, Tom Schroeder, Joanne Walker, Jo Knowlton and Alice Stokes for their help.

Scavenging cans can be a game, good exercise and support for a good cause. The trick is to locate "hot spots." Willow Park, First Dam, lovers' lanes, industrial parking lots and many roads leading to outlying towns. Mendon, Hyrum, Newton and Trenton are potential aluminum can mines. My best score to date this spring was 257 cans in 37 minutes. Also tell your beer- and pop-drinking friends to save cans for us. Bring them to our monthly meetings, to field trips, or drop them off at our office (room 278, old Natural Resources Building) or at home (1722 Saddle Hill Drive). Or give me a call.

Still an additional source of funds for Audubon will come through the on-campus recycling efforts of Chris Phillips. Drop your cans in the special recycling barrels (clearly marked "Bridgerland Audubon") at any time. Chris is doing a great job in organizing and carrying through this. Thanks, Chris.

One thing to note, however: Steve Flint tells me that aluminum foil is no longer acceptable for recycling.

— Al Stokes

INTERESTED IN MEETING OTHER BIRDERS FROM AROUND THE STATE

Utah Field Ornithologists (UFO) was formed seven years ago to serve as a means of communication for birders from all over the state as well as the surrounding intermountain areas. We have no organized meetings, only 3-5 field trips a year, and a quarterly newsletter. Members and nonmembers alike, from beginner to fanatical lister, are welcome on our field trips. This year we'll go to places like Deseret Ranch, Beaver Dam Wash, Great Basin N.P., Jackson Hole, Wyoming. Our newsletter describes recent field trips, details of upcoming field trips, identification tips, identifies birding areas around the state and discusses other topics of interest to intermountain birders. If you like to get out and bird and want to meet others from this area, call or write Tim Helentjaris, 74 Stagecoach Drive, Park City, Utah 84060 (801-649-9555). You'll receive a free newsletter and details of upcoming field trips.

ARCTIC NATIONAL WILDLIFE REFUGE UPDATE

As last month's edition of *The Stilt* reported, the Reagan administration has recommended opening 1.5 million acres of the Arctic National Wildlife Refuge's 2.0-million-acre coastal plain for leasing to the oil and gas industry. This recommendation comes in spite of the fact that the Interior Department's study ("Draft Arctic National Wildlife Refuge, Alaska, Coastal Plain Resource Assessment") shows that the "full-leasing" alternative recommended by the administration would permit leasing in the core calving area of the 180,000-head porcupine caribou herd, one of the north's largest herds, and predicts up to a 40 percent reduction of the herd under the "full-leasing" alternative. The report also predicts a loss of up to 60,000 snow geese, half the population of musk oxen and wolverines, and "a moderate decline" in a wolf population that numbers less than 10 animals.

And things are moving right along. Don Young (R-AK) has introduced legislation (H.R. 1082) directing the Secretary of the Interior to begin leasing the coastal plain within 12 months of enactment. This bill would waive National Environmental Protection Act requirements and any other impact studies prior to leasing in the refuge. Is it a surprise that Utah's Jim Hansen has cosponsored this bill?

On the plus side, Rep. Morris Udall (D-AZ) has reintroduced legislation to protect the coastal plain area as designated wilderness. His bill, H.R. 39, carries the same number as the original Alaska Lands Act of 1980, recalling the great struggle to protect that state's public lands. If the victory in that struggle is not to be gutted by H.R. 1082, those of us who oppose opening the Arctic National Wildlife Refuge to oil and gas leasing must make our opposition known. Write a letter. Write several.

— Adapted from *Utah Sierran* and Sierra Club Cache Group News, March, 1987

AUDUBON T-SHIRTS AVAILABLE AGAIN

Those famous long- or short-sleeved shirts are available in all-cotton or 50-50 cotton/polyester in sizes from children's through XL, and in many colors. Choose between a stilt or an owl . . . or buy one of each. They'll be available at field trips, at monthly meetings, at the information table at the University Center or by calling Al Stokes, 752-2702. Cost is \$6.00 for children's \$7.00 for adults.

— Al Stokes

SLIDES AVAILABLE

Bridgerland Audubon has a collection of colored slides of most of the common birds of Cache Valley. These are available for those wishing to give slide presentations to school, to scout troops or to other groups. Contact Al Stokes at 752-2702.

BOX DEATH HOLLOW DEVELOPMENT PROPOSED

The U.S. Forest Service is preparing an environmental impact statement (EIS) on the leasing of the upper Box Death Hollow for oil, gas and carbon dioxide production, and is soliciting comments on what issues should be considered.

The 1984 Utah Wilderness Act designated approximately 800,000 acres of National Forest lands in 12 wilderness areas. The upper Box Death Hollow area, although recommended for wilderness designation, was excluded from the final designated wilderness. This exclusion allows mineral leasing under certain conditions, one of which is that a full EIS be prepared. To this end, the U.S. Forest Service held a hearing in Escalante to gather public input on the issues and concerns.

Most users of the Box Death Hollow area, however, live in the Wasatch Front area, not in Escalante. The hearings the Forest Service held, therefore, did not necessarily address the issues likely to be of most concern to most users.

If you're concerned with preserving the Escalante Canyon/Box Death Hollow area from mining and drilling, please write to Dixie National Forest, P.O. Box 580, Cedar City, UT 84720. Ask the Forest Service to hold a meaningful scoping hearing, in the Wasatch Front area where the majority of the users live. Ask that the "no leasing alternative" be the preferred alternative. Ask that an independent analyst (e.g., an analyst unconnected with the permittees or the BLM) evaluate the need for development and the potential quality of the mineral resource. Ask that complete development plans be submitted prior to any leasing so that impact and reclamation issues can be evaluated.

— Adapted from *Utah Sierran*, March, 1987

SEVENTEEN SYLLABLES

Distant stars we share.
Beyond each upturned face, a
Private firmament.

— Pat Gordon

BURR TRAIL UPDATE

Four environmental groups have asked the U.S. District Court in Salt Lake City to prevent Garfield County from launching extensive work on the Burr Trail between the town of Boulder and Capitol Reef National Park. The National Parks and Conservation Association, the Southern Utah Wilderness Alliance, the Utah Chapter Sierra Club and the Wilderness Society have sought a temporary restraining order on the project, contending that the county does not have a valid right-of-way along the route, and cannot undertake the improvements without one.

"We believe that the county must obtain a right-of-way from the Bureau of Land Management (BLM) before it can do the work it wants to do on the Burr Trail," said James Catlin, conservation chairman of the Sierra Club. Garfield county's proposed work includes grading, some realignment, graveling and eventual paving of the 27-mile stretch. "The BLM can't give the county a right-of-way until it has undertaken the environmental impact analyses federal law requires, and given the public an opportunity to comment," Catlin said. "The Burr Trail project is unnecessary and a waste of money. Recent polls show the majority of Utahns agree."

— Adapted from *Utah Sierran*, March, 1987

RED-WINGED BLACKBIRDS AT BIRD FEEDERS

On February 25 I saw two male red-winged blackbirds at my feeder. They acted nervous but eventually settled down to eat the millet there. The feeder was a platform type atop a five-foot high fence. One of the males was singing. I saw one male again on March 1 and 3. This was the first record of redwings I had after 14 years of feeding birds just north of Logan Golf Course. I have rarely seen single birds flying over towards First Dam. This caused me to wonder if redwings were perhaps learning of this reliable source of seed. Talks with a few ardent bird feeders has turned up the following.

Betty Boeker lives west of Nibley on the valley floor close to nesting redwing habitat. She has had upwards of 100 blackbirds, mostly males the last 3-4 years, but one in the 3-4 years prior to that time when she moved there. Betty says the redwings come in early winter, first just a very few. Last year she decided to stop feeding entirely since the blackbirds were consuming so much seed—both millet and the small black sunflower.

Terry and John Barnes live right in Smithfield. It was 3 years after they started feeding before they had their first blackbird. The first year or two they had just a single male.

Now they get 3-4 at a time, all males. They arrive in February about the time that redwings break up the flocks and move out onto territories.

Alice Stewart has been feeding for years. Her redwings came in the winter of 1984-85 in the spring when there were some 100 birds. They no longer come regularly but in early March she has had 20-30, all males. They come only once or twice a week. She had none the winter of 1985-86 and just a few in the spring of 1986. They do not stay after mid-March. Alice lives in Park Heights overlooking Logan Canyon.

Woody Jeppson lives on the west side of Hyde Park and has had blackbirds nesting on his property. He had about 24 birds at his feeder when I called him March 1. They have been there for the last 4-5 years and he enjoys them.

I wonder how common this practice is for redwings come to feeders. And have they been coming more regularly in recent years as perhaps they have become accustomed to this backyard habitat in towns? Please submit your own experiences—positive or negative for next month's *Stillt*, or call me at 752-2702.

—Al Stokes

SANDHILL CRANE NOTEPAPER AVAILABLE

The very popular notepaper designed by Kim Lewis sold out in two weeks in December. This notepaper will again be available at Audubon meetings, at the University Center information table and directly from Al Stokes. The price will probably be the same as before: 8 for \$3.50, tax included.

WELCOME, NEW MEMBERS

Ms. Linda Bair, Richmond
Dick Carter, Hyrum
Mr. Anthony P. Cowen, Logan
Mr. James P. Gionfriddo, Logan
Mrs. Robert Johnson, Logan
Mehrdad Roosta, Hyde Park
D. M. Wells, Logan
Dr. & Mrs. E. H. Berry, Smithfield
Mr. Jack Spence, Smithfield
James T. Malouf, Logan
Mr. Calvin Capner, Logan
Ralph Couch, Logan
Charles Crisafulli, Logan
Larry Jacobsen, Logan
Harriette A. Lanner, Logan
Thalia Rose, Hyde Park
Christine Beorchio, Smithfield
David Delobel, Logan
Penny S. Parnell Stone, Logan

THANKS, RENEWING MEMBERS

Christopher Amrhein, Riverside, CA
C. D. Cheney, Logan
Richard & Karen Fisher, Logan
Mr. Paul B. Holden, Logan
John A. Kadlec, Logan
William & Marjorie Lewis, Logan
Jack Payne, Corpus Christi, TX
Mrs. Raymond Sanders, Richmond
Homer & Elizabeth Walkey, Logan
Mr. Bill White, Santa Fe, NM
Mr. & Mrs. John Barnes, Smithfield
Mervin P. Coover, Logan
Jeff & Janlyn Gosse, Logan
Mr. Reinhard A. Jockel, Logan
Nancy Larsen, Mendon
Carol Loveland, Logan
Drew Peterson, Logan
Alison Thorne, Logan
T. Schroeder & C. Webb, Wellsville
Mr. David S. Winn, Logan

**NATIONAL AUDUBON SOCIETY
AUDUBON ECOLOGY CAMP IN THE WEST**

Wyoming, the land of wide open spaces, of free-roaming animals, blue-skies and snow-capped peaks, trumpeter swans, and alpine lakes. Nestled in the rugged Wind River Mountains of northwestern Wyoming, the Camp is the home of moose, otter, beaver, and the nation's largest herd of Bighorn Sheep. Camp in the West has traditionally been a two-week, natural history experience using the outdoor classroom in a field study atmosphere. This year we will be adding a one-week session as well. Our emphasis is on ecological relationships, including the role that humans play. Fully accredited by the University of Wyoming, the program is open to the general public over the age of eighteen. Two semester hours of undergraduate or graduate credit are available.

The program is spent in half-day sessions with each of the seven experienced teaching staff. During that time you will learn about the plants uniquely suited to our area and the importance of those plants to all other life. While there are bird residents of real interest, the valley is not densely populated with birdlife. We concentrate instead on the lifeform and its special adaptations to the ocean of air surrounding us. Fed by melting snows, the stream that flows through Camp is cold and clear, and the focus of several classes on aquatic life. It is also a fine place for fishing and canoeing. The spectacular big mammals are always exciting and we occasionally see moose. Animals come in small sizes too. The insect world is not only of crucial importance to life, it is also full of fascinating examples of adaptation and behavior. The setting of the Camp is a classic glaciated landscape. The U-shaped valley, polished bedrock, and glacially carved lakes all give you a sense of the earth that will be hard to find anywhere else. You will also contemplate our place in the scheme of things and our changing perspectives and actions. There is also the opportunity to choose among many mini-courses. This allows you to focus in on a specific subject area. Some of the mini-courses we have offered in the past have been: food drying, rock-climbing, visit to the Indian petroglyphs near Camp, hikes of various types, botany classes, etc. For the two-week sessions we offer an optional trip to Grand Teton National Park that includes horseback riding, a beautiful float trip and gourmet dinner on the historic Snake River with lots of wildlife. For more information on this program, please contact: National Audubon Society, 4150 Darley, Suite 5, Boulder, Co 80303. (303) 499-5409.

Dates: Session 1 June 26 - July 3, 1987 Cost: \$425.00 (one-week)
 2 July 5 - 17, 1987 650.00
 3 July 19 - 31, 1987 650.00
 4 August 2 - 14, 1987 650.00

CHRISTMAS BIRD COUNT

Thirty-six observers participated in last December's Christmas Bird Count. Altogether, in 80 party-hours and 500 party-miles of observing, participants recorded sighting 84 species. The table below lists sightings by species.

Pied-billed grebe	2	Great blue heron	14
Tundra swan	1	Canada goose	289
Wood duck	30	Green-winged teal	17
Mallard	1965	Northern pintail	10
Northern shoveler	78	Gadwall	361
American widgeon	56	Canvasback	1
Redhead	12	Ring-necked duck	45
Lesser scaup	10	Common goldeneye	163
Barrow's goldeneye	3	Common merganser	14
Ruddy duck	10	Bald eagle	1
Northern harrier	13	Sharp-shinned hawk	4
Cooper's hawk	1	Northern goshawk	2
Red-tailed hawk	36	Red-tailed "Harlan's" hawk	1
Rough-legged hawk	18	Golden eagle	1
American kestrel	35	Prairie falcon	1
Ring-necked pheasant	82	Ruffed grouse	2
Virginia rail	2	American coot	22
Killdeer	19	Common snipe	19
Ring-billed gull	40	Rock dove	302
Western screech owl	7	Great horned owl	14
Short-eared owl	1	Northern saw-whet owl	1
Belted kingfisher	4	Downy woodpecker	16
Hairy woodpecker	4	Northern (y-shafted) flicker	1
Northern (r-shafted) flicker	44	Horned lark	8
Stellar's jay	3	Clark's nutcracker	1
Black-billed magpie	558	American crow	58
Common raven	2	Black-capped chickadee	132
Mountain chickadee	30	Red-breasted nuthatch	5
Brown creeper	10	Marsh wren	7
American dipper	3	Golden-crowned kinglet	6
Ruby-crowned kinglet	1	Townsend's solitaire	39
American robin	195	Water pipit	5
Bohemian waxwing	203	Cedar waxwing	199
Northern shrike	2	Eurasian starling	9741
Rufus-sided towhee	20	American tree sparrow	13
Song sparrow	46	White-crowned sparrow	51
Harris' sparrow	8	Dark-eyed (slate-col) junco	4
Dark-eyed (Oregon) junco	482	Dark-eyed (gr-headed) junco	2
Red-winged blackbird	2224	Western meadowlark	56
Yellow-headed blackbird	11	Brewer's blackbird	487
Pine grossbeak	9	Cassin's finch	17
House finch	268	Pine siskin	194
American goldfinch	126	Evening grossbeak	322
House sparrow	1086	Franklin's gull	1

--Keith Archibald