



THE STILT

BRIDGERLAND AUDUBON SOCIETY

Vol. 18, No. 9

April 1990

LOGAN'S PROPOSED GOLF COURSE

IN FAVOR . .

Previous Logan City mayors and council people, state and city voters have invested \$1.3 million in property along the Logan River and U.S. 89-91 for a golf course.

Included in that project will be a family aquatic/wave swim pool complex, which is a delightful experience for all ages, and several soccer fields which are critical to the enjoyment of thousands of city/county residents. The other aspect is the multi-use concept of developing trails along the river to give access to people who want to walk or fish along the river and through the wetlands area which is now closed to any multi-use options. We will make this an all-season, year-round facility for walkers, joggers, cross-country skiers—all ages and sexes—and still be extremely sensitive to the environment and delicate nature of the river and wetlands. The cost of the project will be paid from user fees and existing revenues, i.e., sales taxes and utility fees.

Because the property is located adjacent to the Logan River and in wetlands, the U.S. Corps of Engineers has the responsibility of issuing a 404 Permit which authorizes the city to build this golf course. This 404 Permit requires the city to be very sensitive to the delicate environmental issues which have to be mitigated.

Please see **IN FAVOR** on page 3.

OPPOSED . . .

In May of 1990 a bond issue will be presented to the Logan City voters regarding the authorization of a \$5 million bond to pursue the development of a recreation package that includes a 160-acre, 18-hole golf course and an outdoor wave pool. The proposed golf course would occupy a City-owned parcel of wet meadow/marsh, cottonwood riparian zone along the lower Logan River west of where it crosses Highway 89-91. The proposal calls for the filling of 14-15 acres of designated wetlands.

Public law requires mitigation for wetland loss. To date no mitigation plans have been submitted, but it is presumed that mitigation would be in the form of rehabilitation to the adjoining Logan River. This stretch of the Logan has been channelized and rip-rapped with concrete fill. Several consulting firms have been employed to assess the project. The most recent effort is by Forsgreen and Assoc. at a cost of \$50,000.

Please see **OPPOSED** on page 4

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CALENDAR

Friday/Saturday, April 6, 7. Grouse Courtship. This ever-popular camping trip will go to Curlew National Grasslands in southern Idaho just north of Snowville, Idaho. Chance to see both sharp-tailed and sage grouse on their dance grounds as well as other wildlife. Camp at the Forest Service Stone Campground Friday evening and get up before dawn to go to the dance grounds. Return to Logan early Saturday afternoon. Advance reservations required. Call Sally or Rob Jackson at 753-4208, evenings, or Sally, 750-2459, workdays.

Tuesday, April 17-Saturday, April 28. Earth Week. Activities include an Environmental Fair, Wilderness Symposium, the Bridgerland Audubon Society Annual Banquet, Cache Rendezvous (statewide meeting of Audubon chapters), Arbor Day activities, and Earth Day March. Please see the complete schedule on the handy enclosed flyer.

Saturday, April 21. Shorebirds of Amalga Barrens. This will be the peak of the northward shorebird migration on the famous Amalga Barrens, and a time when these difficult-to-identify birds are in full breeding plumage. In addition there will be waterfowl, cranes, swallows and other marsh birds. Leave at 1 p.m. from the southwest corner of Fred Meyer's parking lot and return by 5 p.m. Wear warm clothing—the Barrens is usually windy.

Tuesday, May 1. Logan Municipal Bond Election. Vote on proposed golf course/swimming pool.

Saturday, May 5. Children's Field Trip to Green Canyon. A morning exploration will be held along the bench near Green Canyon. All children of all ages and their parents are welcome. We will study local geology, wild edible plants, wildflowers, insects and more. Notebooks and pencils will be required of all children over the age of six. Meet at 8:30 a.m. at the KUSU radio tower. Trip will end at noon. Please call Kayo Robertson, 750-6325, by April 30 if your children are interested so that we can insure an adequate number of instructors. Parents will be expected to provide transportation for their children to and from the mouth of Green Canyon.

Saturday/Sunday, May 12, 13. Bear River Canoe Trips. An easy 15-mile paddle down river from Trenton to Amalga with stops to see the great blue heron colony as well as great-horned owls. Lots of beaver activity and a great variety of birds. Two separate trips—one Saturday, the other Sunday. Call Al Stokes beginning May 1 at 752-2702 for reservations and arrangements for canoes. Registration is limited to ten canoes. All welcome including single persons.

Saturday, May 26. Canoeing the Little Bear River. An easy two-hour paddle down Spring Creek and back up

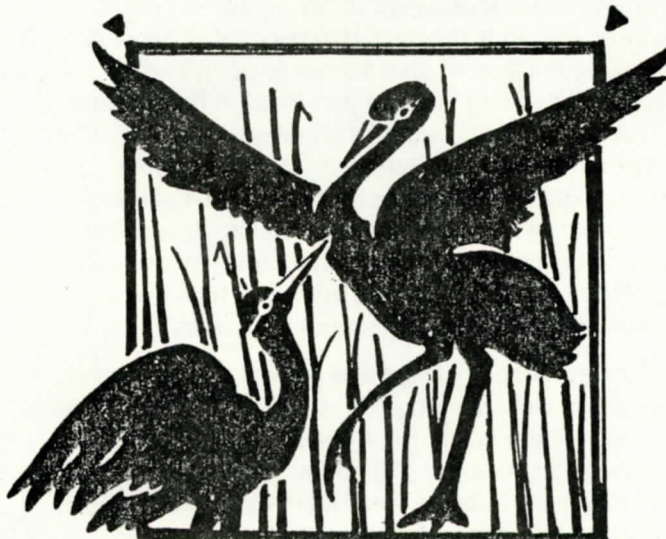
the Little Bear River. This trip passes beneath a great blue heronry and through lots of beaver activity, sandhill cranes, marsh wrens and other birds. Two separate trips—one leaving at 8 a.m. and one at 4 p.m. Reservations required. Call Al Stokes at 752-2702 starting May 14.

BAS BANQUET: "A CELEBRATION OF CRANES"

The speaker for the Spring 1990 BAS banquet is Dr. Ken Strom, who will tell us about "Cranes of the Grey Wind." Ken is the director of Audubon's Lillian Annette Rowe Sanctuary on the Platte River in Nebraska. Needless to say, Ken is a real booster of crane appreciation. If you saw Audubon's nature special "Crane River" last year on the plight of the Platte, you saw Ken in his field garb mixing technical information with an obvious admiration of these great birds.

Ken has recently spent some time in Pakistan working with his counterpart in a sanctuary there. I assured him that we have a lot of armchair travelers and some real life travelers and that we would love to hear about Siberian Cranes.

Besides our usual entertainment, we will have special awards at the banquet and the 1990 Conservation Award. We have door prizes this year—recycling paraphernalia, the future award-winning "Safe Haven for Cranes" T-shirts, and other mystery prizes.



IN FAVOR . . .

From page one.

The highest and best use of this land is a golf course. The 404 Permit expires September 1991. It will be difficult, if not impossible, to get another 404 Permit if we let this permit expire.

How a Golf Course Will Help Logan

A golf course will bring jobs, businesses, homes and an expanded economic base to this city and Cache Valley. Sun City residents who fill our vacant apartments in the summer will use it and help pay for it. Tourists who are coming in increasing numbers will pay for it. Residents of Cache Valley who have already made a major investment will pay for it.

Just like buying your home, it will take 20 years to pay it off. Golf courses make money to help pay for maintenance and operation and debt service. But more importantly, they bring economic development projects, motels, shopping centers, restaurants and business ventures with them.

Chamber of Commerce Supports Proposal

Members of the Cache Chamber of Commerce favor the development of a municipal golf course in Logan by a two-to-one margin, according to results of a questionnaire sent out by the Chamber board.

About 64 percent of the 123 members who returned the questionnaire said they favored the construction of a course. About 32 percent said they did not support it, and an additional 4 percent said they were undecided. (Questionnaires were distributed among approximately 400 members of the Chamber.)

Because of the affirmative response, the Chamber board has said it will support the development of the course.

Chamber members said they believed the course would aid economic development and enhance the south entrance to Logan. The questionnaire did not request opinions on the swimming pool and other features.

Doug Thompson, executive director of the Chamber, said the Chamber board itself was supportive of the course, but also had some concerns about its construction. They would like to ensure that a Logan City course would not have a negative impact on the Smithfield City-owned Birch Creek course. He said the board was also concerned about the environmental impact of the course, and "wants to work with the city and environmental groups to see that the required mitigation is done as well as possible."

Construction of the city course would require the filling of 18 acres of wetlands at the site. The U.S. Army Corps of Engineers requires that an acre-by-acre mitigation be done, creating new wetlands for those being filled.

Golf Booming in Utah

The new golf course in Brigham City opened May 1989. A new shopping center opened near the property. Other businesses are developing in the vicinity. These facilities force existing businesses to improve their customer relationships and pricing to be more competitive and serve customers better. The whole economy grows.

If golf courses are bad investments, why is St. George building two new ones? They now have eight. Ten more are under construction in Utah. Twenty-four more are being proposed.

Golf is an enigma to generally accepted business theories. It is one of the few markets that is supply driven. Simply put, the construction of a golf course creates new golfers at a staggering rate (*Utah Business*, May 1989).

I don't golf, but I see the necessity of investing in the future of this great city. We need to beautify the image of Logan in the southwestern part of our city.

It's Your Decision

The Logan City Council has scheduled a bond election of city residents on May 1 to determine whether residents are willing to obligate the city for \$5 million in bonds to finance the construction of a golf course and swimming pool.

City officials estimate that \$3.5 million would be needed to purchase the remaining property needed at the course and to construct it, and an additional \$1.5 million would be needed for the outdoor swimming pool.

Voters of Logan have an opportunity—an obligation—to vote on this critical investment decision on May 1, 1990. Become well informed. Get all the facts. It's the right thing to do.

— Russ Fjeldsted
Mayor of Logan

OPPOSED . . .

From page one.

The following is an attempt to briefly tap some of the thoughts, opinions, knowledge, and collective wisdom of a few of the many players who have spent time and energy considering this project. It is in no way a thorough or technical analysis. My apologies to those individuals whose thoughts were neglected in this sampling. My thanks to Scott George, Val Grant, Art Holmgreen, Sherm Jensen, Cynthia Kerbs, Darwin Larson, Alice Lindahl, Tom Lyon, John Sigler, and Al Stokes for their input.

Wetland Loss Is Main Concern

If there is one idea of general consensus among conservationists it is the priority of preserving habitat. Wetland loss is of particular concern. Habitat loss is incremental. Seldom can we point to one single massive violation of habitat. It is an acre here, ten acres there . . . multiplied many thousands of times over, year after year. Productive wildlands are being nickled and dimed into oblivion. Habitat means home. There is perhaps no act crueler than to destroy a being's home. Creatures that are deprived of a home do not simply move elsewhere. There are no more elsewheres!

Wetland habitat acts as a giant sponge. These are natural reservoirs that cleanse and store water. They are significant in the prevention of flooding and the deterioration of the water table. Western riparian systems are in a rather universal state of disrepair, from top to bottom. Maintaining as many pieces of these once integral systems as possible is our only chance of ultimately repairing the damage we have done.

Humans not only have the power to destroy, we also have the power to create, husband, cherish, and nurture. A number of individuals have suggested that the highest use of this parcel is its preservation as a wetlands park; a showcase example of a wetlands system. Boardwalks could accommodate strollers and wheelchairs. The area could provide a living laboratory and study hall accessible to preschoolers and college students. Local rare and threatened plants such as the Blue Camas Lily could be maintained in the area. The local USU Landscape Architecture Department could provide for the design. The effort could stand as a world class model of urban planning that safeguards and promotes an important local ecological feature.

Mitigation is seldom "in kind." A bulldozed pond lined with cattails does not mitigate the destruction of a freshwater spring or slough, or the degradation of a floodplain riparian zone.

Can One Play Golf On a Floodplain?

The area in question is in a floodplain. The total acreage was under a foot or more of water during the recent 1984 high water year. One foot of fill in the low spots (those 15 acres designated officially as wetlands) will not likely prevent subsequent flooding. In terms of hydrology, soils, and vegetation, the entire area is a wetland. It is only bureaucratic sleight of hand that can draw circles on a floodplain map and label them "wetlands." The entire area should be considered a functioning wetland ecosystem integral with the entire Logan River drainage. It should be understood that any development on this site will affect the entire system.

There is also some concern that if the City fails in its attempt to build a golf course a worse fate may befall the acreage; perhaps another industrial park.

It Is Important That All Parties Maintain Credibility

There is ample residual bitterness over past improprieties regarding the City's handling data, bulldozers, fill, and suspicious deletions on maps.

Compromise is a crux of diplomacy. If everyone leaves the negotiating table feeling satisfied, chances are they'll be able to sit down again in mutual respect and cooperation. All-or-nothing solutions make for an unlikely present and an uncomfortable future. A silver lining in the dark cloud of this development might be found in the beginnings of some serious discussions of what we want the valley to look like in the next 50 years, and what steps must be taken now to insure that future options will not be limited by past mistakes. The possibility that a nine-hole golf course, instead of the proposed eighteen holer, be built alongside a nature park is one possible compromise.

Economic Risk

There is significant concern regarding the economic feasibility of this project. Logan City has already acquired \$28 million of bonded debt. Is this the time to add another \$5 million? Birch Creek golf course in Smithfield is running 50% of capacity. There are golf courses in nearby Sherwood Hills, North Logan, Preston, and two in Brigham City. Are the taxpayers being asked to pick up the tab for an economic loser so that a few local golfers might have convenient, inexpensive recreation? Is it fair to connect the golf course proposal, which ranks 12th to 15th in surveys of local taxpayer priority, with a top-ranking pool proposal in one pork-barreled package?

CHAPTER NEWS

1:00 -5:00 pm —FIELD TRIPS. Something for everyone.

1. Float the Bear River in a canoe. We will provide boats, although you are welcome to bring your own. This trip includes a spectacular Great Blue Heron rookery. Nest building should be in full swing. It is not unusual to see 55 species on this trip. If you need a boat, sign up through your Coordinating Council representative or call Alice Lundahl, 753-7744.
2. The Valley Tour. View dancing Sandhill Cranes at their Benson "dancing grounds." Visit UP&L wetland projects around Cutler Reservoir. We will include Spring Creek Ranch and heron rookery, which local conservation groups are trying to purchase. The Amalga "barrens" included.
3. Activist's Tour. Visit the Division of Water Resources' suggested dam sites around the county: Avon, Mill Creek, and The Barrens (home to a Peregrine falcon, Wilson Phalarope, and many shore birds). Our chapter is monitoring the dam-building plans very closely.

5:00 - 8:00 p.m.

Potluck dinner and entertainment. Legion Hall or Spring Hollow Picnic area if it is warm enough. The dishes will be provided by BAS members. The musical touch will allow us to show off our local talent and sing locally-inspired environmental songs.

8:00 - 10:00 p.m.

Round-table discussion of state Audubon Issues. Legion Hall. Some issues we have already put on the agenda:

1. The Wildlife Manifesto: Should we endorse it?
2. The Crane Hunt
3. Lobbying in the interum session: can we participate?
4. New chairperson for Audubon Coordinating Council
5. Does the Coordinating Council need bylaws?
6. We need to increase our participation in U.W.L. Coalition

Sleeping accomodations will be at BAS members' homes. Please sign up with Bruce to host an out-of-town guest. They will bring a sleeping bag.

Sunday, April 22 — EARTH DAY

9:00 - noon

Wayne Martinson, our state lobbyist, will give us a wrap-up of the 1990 session. Bring your suggestions for issues we need to start working on for next year.

We will finish the previous night's discussion of statewide concerns. Bring your chapter's ideas.

12:00 noon

Adjourn. You may want to join BAS in our migrating Sandhill Crane count in Cache and Rich Counties.

We hope to see all of you there! It's a great opportunity to make new friends, see some new birds and help with state initiatives.

If you have any questions call Bruce Pendery, 750-0253.

EARTH DAY MARCH AND CELEBRATION

Earth Week activities will culminate in a high-spirited march through downtown Logan. The march will start at Fred Meyer's Parking Lot at 10 a.m., head down Main Street, and land at Merlin Olsen Park. Many groups plan to participate, including BAS, Utah Native Plant Society, Planned Parenthood of Utah, Cache Recycling Coalition, Logan Department of Parks and Recreation, U.S.D.A. Bee Lab, Cache Valley Girl Scouts, U.S. Forest Service, Utah Division of State Lands and Forestry, Utah Division of Wildlife Resources, Logan City Forester, Logan Urban Forest Advisory Board, Cache Valley Boy Scout Council, and the City of Logan. The public is welcome to join the march, bringing signs, wearing green shirts, and generally making it obvious that it's time to pay attention to Earth and its ecology.

The March will be led by Smokey the Bear and Woodsy Owl. Schoolchildren from around the valley will wear handmade masks representing endangered species.

Prior to the march, aluminum collected by the schools will be weighed and tallied by Reynold's aluminum. The schools will be participating in a recycling marathon from March 28 to April 28. Each school will receive money redeemed from cans, and small trees to plant. The winning school will receive a larger tree for planting on its school ground.

After the march, BAS's president, Val Grant, will be master of ceremonies for a brief program at Merlin Olsen Park. Folk dancing, recycling demonstrations, and displays and booths will be set up in the park to make sure everybody knows what Earth Day is all about. Many activities for children will follow including song, dance, stories, animal races (frogs, jackrabbits, and bears), natural history scavenger hunts and refreshments made from the roots of trees (sassafras, that is).

Don't miss this fun event. It's a chance to make a statement with your feet and have a good time simultaneously. See it to believe it . . . the Eighties are over!

Anyone interested in participating in Earth Day activities or sharing ideas with the celebration committee is encouraged to get involved! We need volunteers to help with children's activities as well as individuals or organizations who can set up informational displays or relevant vendor booths (local artists, "environmentally sound" products, etc.). Please contact Karen Matsumoto-Grah at 752-2197 or Kayo Robertson at 750-6325.

Perhaps, a Higher, Better Use

It was voiced that recreational trends are moving towards outdoor wildland recreation. There is currently a lot of interest in quality angling. The lower Logan River was once a blue ribbon trout stream that supported trophy-sized fishes. It is now an example of a highly abused river system. It is not so far gone, however, as to preclude its rehabilitation. In addition to their esthetic benefits, top class trout streams near urban areas bring in an incredible amount of tourist dollars with little on-going expense. Many urban areas, some as close as Ogden and Salt Lake City, are finding value in river corridor park systems. Every degradation of riparian health along the Logan River further limits the possibilities of future riverine rehabilitation. Golf courses require intensive use of fertilizer, herbicides, and pesticides. Is this compatible with the health of the Logan River?

These seem to be the main points of concern regarding this project. The bond election is being held May 1. If you have an opinion to express regarding the subsidizing of this project, your vote will be one powerful way to express it.

— Kayo Robertson
BAS Member

HOTLINE

February/March

One hotline item that nobody needs be reminded of is the change of late in the quality of the surrounding birdsong. It is a perennial amazement how such tiny feathered breasts can contain so much heart and spirit.

Brian Dixon called in the first report of returning sandhills. He also mentioned displaying green-wing teal and a trio of swans that were later identified by a number of parties as trumpeters. Six of these rare birds were seen at Fish Springs National Wildlife Refuge a few weeks earlier. These Cache Valley swans may have been part of this group. Trumpeter swans can be distinguished from tundra swans by the absence of a yellow mark on the upper bill, their larger size and, most importantly, by the resonant deep trumpeting call. Tundra swans call in a much lighter, higher-pitched voice.

Keith Archibald called in a sage sparrow from near Amalga. A varied thrush was reported from the yard of Carl and Alva Johnson.

Again, Thanks for your calls.

— Kayo



CACHE RENDEZVOUS

Bridgerland Audubon will host the Coordinating Council of Utah's Spring Retreat. Plan to attend for informative sessions and some great spring birding. Bob Turner, our regional vice president, will be on hand.

Date: April 21-22, 1990

Place: Legion Hall, Logan Canyon. See map.

Directions: first right after Logan City Power Plant beyond the mouth of Logan Canyon.

Here are the highlights:

Saturday, April 21

10:00 a.m. - noon

Presentation by Utah Power and Light's environmental division: "UP&L Wildlife Projects." Jim Burruss of UP&L/Pacific Power, Salt Lake City office, will tell us about wetlands projects in northern Utah and an osprey nest platform project in Idaho. A biologist from the Portland office has many years of data to show us on his efforts to prevent mishaps between raptors and other large birds with power poles and lines.

Bring any questions concerning plans for UP&L-owned lands in your area.

Bridgerland Audubon has worked with Jim for a couple of years on the power company's local wetlands, and we are very favorably impressed with UP&L's concern for wildlife.

Noon - 1:00 p.m.

Bring a sack lunch, nearby restaurants will accomodate our requests for take-out lunch.

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(Please Post and Save)

EARTH WEEK ACTIVITIES

Tuesday, April 17

Great Issues Forum, Taggart Student Center Auditorium, USU Campus, 12:30 p.m.

Reverend Carolyn Tanner Imsh from the Theological Seminary in Alexandria, Virginia, will present "Theology and Ecology: A New Dialogue." For more information on all Earth Week activities at USU call Mary Lu Roskelley (750-2445).

Wednesday, April 18

Environmental Fair, Juniper Lounge, Taggart Student Center, USU Campus, 10:00 a.m. - 4:00 p.m.

Many groups interested in the environment and natural resources will have displays. Bridgerland Audubon (BAS) will have a booth with a theme related to sandhill cranes*. For more information call Kathryn Collins (752-1157) or Bruce Pendery (750-0253)

Thursday, April 19

ENVIRONMENTAL FAIR, DAY 2.

USU Wilderness Symposium, Eccles Conference Center, USU Campus, 8:30 a.m. - 5:00 p.m.

A host of speakers will discuss this important topic from numerous points of view. Registration will be waived if you register before April 9. After April 9 there is a \$10,00 fee.

Convocations speaker, Location to be announced, USU Campus, 12:30 p.m.

A representative from The Cousteau Society will discuss "Threats to Global Oceans."

BAS Annual Banquet*, Aspen Grove Reception and Party Center, 860 North 600 East, 6:30 - 10:00 p.m.

Our annual banquet is a real gala affair. Social hour begins at 6:30. Dinner is at 7:30. Ken Strom of National Audubon's Lillian Annette Rowe Crane Sanctuary on the Platte River will discuss sandhill cranes. The Garden Variety String Band will provide entertainment. And the Allen Stokes Conservation Award will be presented. Tickets are \$10.00 for students and \$12.50 for others. **ADVANCE RESERVATIONS REQUIRED by April 12.** Call Dianne Browning (752-9089, 752-5946) or Bruce Pendery for tickets or more information.

*Activities we need help on.

Friday, April 20

USU Wilderness Symposium, Day 2

Saturday, April 21

Cache Rendezvous* (Statewide Meeting of Audubon Chapters), Legion Hall, Logan Canyon, 10:00 a.m.

Speakers from Utah Power and Light will discuss their plans for enhancing wildlife on Cutler Reservoir (and on other properties they own) from 10:00 a.m. to 12:00 p.m. Following lunch there will be a choice of field trips:

- Float the Bear River (ADVANCE RESERVATIONS REQUIRED).
- Valley Tour: Spring Creek Ranch, Cutler Reservoir, Amalga Barrens.
- Tour of Proposed Dam sites.
- Al Stokes' regularly scheduled Amalga Barrens trip.

From 5:00 - 10:00 p.m. there will be a potluck dinner and general good time at the Legion Hall. Nadene Steinhoff will provide entertainment. Later we will begin to discuss issues Audubon is working on at the state level. Call Dianne Browning, Bruce Pendery, or Alice Lindahl (753-7744 — field trips only) for more information.

Sunday, April 22 — EARTH DAY!

Cache Rendezvous, Day 2

Activities will continue at the Legion Hall. From 9:00 to noon we will review Audubon's progress at the recent state legislature, and begin to formulate plans for next year. If activism is your bag, you'll like these discussions. Wayne Martinson, our newly hired lobbyist, will attend. At 12:00 the meeting will end. However, a field trip to census sandhill cranes in Cache and Rich counties is planned.

Finally, we encourage each of you to celebrate Earth Day in a personal way—a tree planting, litter-collecting trip, family discussion of responsible living, neighborhood field trip, for example.

Friday, April 27

Arbor Day

We don't know specific plans yet, but a tree planting sponsored by Logan City is almost a certainty. Call Al Stokes (752-2702) for more information.

(over)

CHAPTER NEWS

Saturday, April 28

March. Picnic and Celebration in Downtown Logan

The parade will begin at 10:00 a.m. (probably at Fred Meyer's store—call Karen Matsumoto-Grah at 752-2197 for information) and frolic to Merlin Olsen Park. Many children in the march will have made masks of endangered species. Smokey the Bear and Woods Owl will also be there! All are encouraged to wear walking shoes, green shirts, and bring signs relating to Earth Day. Bring lunch if you'd like to picnic after the march. At the park there will be games, recycling contests, speakers, fair booths and much, much more. Numerous organizations besides BAS will participate: Utah Native Plant Society, Cache Recycling Coalition, Utah Division of Wildlife, the Forest Service and others.

Hope to see you at several of these events!

PLANNING MEETING MINUTES

February 27, 1990

Attending: Val Grant, President; Susan Robertson, Secretary; Larry Ryel, Board of Directors; Karen Matsumoto-Grah, Education; Bruce Pendery, Publicity; Alice Lindahl, Conservation; Ron Ryel, Board of Directors.

JACK GREEN NATURE CENTER: Val Grant moved to suspend any support until the entire project gets restructured and formalized. All present concurred.

BEAR RIVER CANOE GUIDE: Al Stokes requests \$500 towards production costs for the guide. The money would be repaid from sales. It was AGREED to provide the funds, subject to review of the manuscript.

BETTY BOEKER MEMORIAL: All present AGREED to establish a memorial at the planned Benson marina nature stop, with \$500 initially authorized to develop the site. Also, we AGREED to contribute \$50 in her name to whichever charity she has specified.

LOBBYING: Alice Lindahl summarized the results of the legislative session, pro and con. She acknowledged the excellent work Wayne Martinson, our lobbyist, has done. Bruce Pendery added that the lobbying has also united the Utah chapters, by giving them a work to pursue together. All present supported the intent to keep a lobbyist. Alice plans meetings with our representatives, so that they can better understand our positions. During the lobbying process, it became clear that some of the reps think of us as more extreme than we are.

STILT: Larry Ryel initiated the discussion on problem people are having getting *The Stilt* on time, especially those outside of the 84321 ZIP code. Mailing first class outside of 84321 was estimated to cost \$25/mailling, and this was generally supported as a stopgap measure. After some discussion, we AGREED on the following:

1. Consider a new circulation manager position.
2. Look into the causes for rising *Stilt* costs, (while trying to keep the *The Stilt* unchanged).
3. To publish meeting dates for two months in advance, with the general meeting being the second Thursday of each month and the planning meeting being the following Wednesday.

AUDUBON SCHOLARSHIPS/AUDUBON

ADVENTURES: Karen proposed using the scholarship funds for buying more *Audubon Adventures*, at \$35 per classroom. She felt the magazine accomplished the scholarship purpose of teaching those who teach, and she felt it would bring more tangible benefits in the classrooms. The scholarships are going to those who would likely attend the Science School regardless of our funding. It was AGREED to put the money to *Audubon Adventures*, with a goal of 50 classrooms. Karen will have the schools put up can recycling bins to help pay the cost, and the teachers will have to write annually to Karen to mention two ways in which their class used the magazine.

UP&L PROJECT: Alice reports that a plan is forming for the ibis colony area northeast of Cutler Reservoir. Details to come.

DEPREDATION COMMITTEE: It was agreed to ask Bobbie Bosworth to be on the DNR committee for our county. These are newly established committees consisting of representatives of the interests involved—ranchers, DNR, environmentalists, etc. who must inspect depredation claims. This will be discussed at the next general meeting.

LITTLE BEAR: We have been asked to have a representative on the Little Bear River reclamation group. This will be brought up at the general meeting.

CRANES: A spring and a summer count are planned. Val will discuss at the general meeting. Alice will have the crane T-shirts silk-screened here in town, but did not yet have costs. The shirts will likely be carried in Robert Redford's catalog, with some proceeds back to BAS, as well as being for sale at our Audubon Booth.

CHAPTER NEWS

March 15, 1990

Attending: Val Grant, President; Susan Robertson, Secretary; Diane Browning, Treasurer; Karen Matsumoto-Grah, Education; Alice Lindahl, Conservation; Trustees, Bob Atwood, Larry Ryel; Bruce Pendery, Publicity; Pat Gordon, *Stilt*.

INTERPRETATIVE PAMPHLET FOR LOGAN CANYON: Jack Green's project has turned into development of this pamphlet, a project supported by the Cache Chamber of Commerce. The idea of such a generally-available guide was well received. Val suggested BAS designate \$500, once Jack brings a specific plan. The idea won approval; however, no funding was voted on.

WILDLIFE MANIFESTO: The piece has received much criticism, on TV and by the DWL, as being too anti-hunter. After discussion, it was agreed to suggest ways to rewrite it, but not to endorse it as it now reads.

AUDUBON MEMBERSHIP DIRECTORY: Bob Atwood proposed that we publish such a directory, with a calendar of key dates, each year. Discussion centered on concerns for privacy for members. It was AGREED to publish a directory, after announcing in *The Stilt* for two months that those wishing to be excluded notify BAS. A restrictive-use provision will also be included. Costs were not discussed. Mike Jablonski was nominated to prepare the directory.

UP&L PROGRESS REPORT: Alice reported very good news on what UP&L had agreed to. They have accepted all her proposals, including a canoe/foot access to the Logan River and pullovers along 2nd North. There will be four sites, the nicest of which will be the one at Benson to be named for Betty. Alice has 14 work volunteers, and she would like more.

RECYCLING: Karen has arranged for all the schools to install recycling centers. Alice has received verbal agreement from Smiths to jointly promote plastic crates for groceries, with our name and Smith's on the sides. Various suggestions were made, including making a cooperative effort with the other grocery stores as well. The idea was well received, and Alice will pursue it; however, it was agreed not to authorize any BAS financial support on a per-crate basis.

LOBBYIST: Wayne Martinson has agreed to represent us next year and at the interim sessions. Bruce requested \$350 to cover the interim session work. Concerns regarding how the three chapters were to split costs led to suggestions that this be discussed by the Audubon Council.

BEAR RIVER REFUGE: Larry Ryel has toured the refuge with Bob Ebling, who has requested help from BAS. Bob wants every sort of hands-on help, including

planting. Larry has concerns on introducing new seed et. al., and he feels Bob should proceed cautiously. BAS has not made any formal commitment at this time.

The next planning meeting will be: Wednesday, April 18, 1990.

— Susan Robertson
Secretary

AUDUBON JUNIOR NATURALIST PROGRAM

Nationwide celebration of Earth Day 1990 is bringing America "back to reality"; classroom teachers, colleges and universities, community leaders, businesses, and individuals/families around the country reflect a renewed awareness and focus on the health of our environment. Because children are active and interested people, they seek to learn more about their environment and how to function within it. What better gift can we as parents and teachers give our planet than a generation of children who have learned to know and love the natural world? We all enjoy breathtaking vistas, gorgeous sunsets, or baby animals in springtime; what may be more important than mere appreciation and enjoyment is to educate people to appreciate and understand the components and relationships that make up the environment. We need to educate our children about the importance of dead trees, marshes, and worms!

Bridgerland Audubon Education Committee hopes to make a difference in the Cache Valley community by offering a year-round Junior Naturalist Program for youths, grades 4 and 5. We hope to introduce basic skills in becoming a naturalist, including nature observation, basic plant and animal identification, and outdoor fun. Most activities will be "hands-on"; because children learn best through direct experience, we hope to provide a framework of nature experiences that children will be able to build on.

The Junior Naturalist group will be involved in local community projects, including the "Adopt-A-Trail" program in conjunction with the U.S. Forest Service; we also hope to "Adopt-A-Stream," regularly monitoring a stream for water quality, and regularly inventorying the stream inhabitants. Field trips will be held most meeting times, with optional field trips in the Cache Valley area with the Bridgerland Audubon Children's Field Trip Leader, Kayo Robertson. An opportunity to attend Yellowstone Institute this fall may also be an option.

The Earth Day March/Celebration on Saturday, April 28 will kick off our children's program. Information and sign-up sheets will be available at Merlin Olsen Park at the

HUMOR BREAK

Audubon display booth. The Junior Naturalist Club will meet every other week throughout the school year and summer. Steve Archibald, fifth grade teacher at Edith Bowen Lab School and Karen Matsumoto-Grah, Bridgerland Audubon education chair will be team leaders for the Junior Naturalist Club. Enrollment will be limited to 25 participants; we will accept participants from anywhere in the Cache Valley area. Call Steve or Karen at 750-3468 for more information.

SPECIES OF THE MONTH

Coppery-faced Skier *Stereotipicus alpinus*

Abundant during winter in canyons, mountains and lodges from 9,000 to 11,000 feet elevation. Highly migratory. Commonly seen in gregarious flocks on open, hard packed slopes. A related species can be found in powder snow. The ranges overlap, and the two are known to interbreed. Long-legged, slim bodies with variable bright plumage. Readily recognized by pale eye rings on tan face. Beak bright pink or zinc-white. Field mark garish, oversized feet with upturned divestible toe. Awkward gait if long-toe detached. Smaller female similar to the more common Platinum-tressed bimbo. Plumage brighter than male. Prominent breast is diagnostic. Tail more rounded. Mandible red or pink. Varied voice: competitive braggadocio in males, teeth-chattering to sweet cooing in females. Elaborate mating dance with wild flapping and strutting. Roosts in cedar condo rookeries. Similar species: Tartan-tailed golfer, Tire-kicking sweettalker, Crotch-arranging masher.

— From Kit Flannery's
"Field Guide to American Bi-pedal Mammals"
© 1990

ADVENTURES IN BIRDLAND

The Whole Truth

I've had bird feeders for several years, but something's been missing. I've tried seed of different sorts, and it's not that the birds don't like them, but something's been missing. The birds would stand around with disgusted frowns for a while after eating, and then fly away muttering and shaking their heads.

I tried tiny napkins. I tried candles. Nothing seemed to help. They'd come and eat and stand there, wings akimbo, saying "tsk-tsk-tsk," and away they'd fly. Pat figured it out. "It's water," she said. "They don't have any water." And that's how the adventure began.

We've long admired the pool on the USU campus at the head of 600 North, and we made that sort of design a goal for our smaller pool. We decided to put in a recirculating pump to keep the water moving and make a pleasant babbling in the backyard. Full of anticipation, I began to dig.

The soil in our backyard is of a curious consistency, rather like pre-stressed concrete. One could more easily dig a hole in an anvil with an ice cream stick than I could dig a hole in my backyard. Finally, however, I decided the hole was deep enough since I'd ruined the pick, and went on to the next step: filling the pond.

What's remarkable about my backyard soil, actually, is not its flint-like consistency, but the fact that while it brings shovels to a ringing stop, it allows water to pass through it at twice whatever rate you put it in. Eventually I realized that my miracle earth simply wouldn't hold water and I'd have to line the pond with something.

All the books suggested lining ponds with big gravel, then with little gravel, then with sand, then with chicken wire, then with cement. All the books knew nothing about how deep I'd dug my hole. If I wanted room for water, I'd have to do without gravel and sand and all that. Instead, I thought I'd simply put a child's wading pool in the hole, strew some rocks around artistically and be done with it.

It did not turn out well. It just didn't look like USU's pool. It lacked the bucolic, woodsy feeling. Probably it was the big turtles with glasses and red sailor hats painted on the bottom.

After I dug up the pool, I thought perhaps simply burying a half-barrel planter would suffice. So I buried one. (It's not that simple; if God had had to make the world out of the soil in my backyard, he'd have overrun the contract and not gotten to Adam until sometime in July. but finally I got a half-barrel planter buried.) I filled it up with water and stood back to admire my handiwork. It looked absolutely ridiculous. It was the sort of thing that one feels compelled to apologize for, and blame the previous owners. "Yes, the MacSludges used to drown their cats here, but we're going to take it out."

I took it out.

There was no way around it: I was going to have to put in big gravel and little gravel and sand and chicken wire and cement. So I partially filled in the barrel hole and shaped the pond. "It's so... round," Pat said. Round. Well, probably irregular is better. I made some corners and not-round places. "It looks like a dog bone," Pat said.

It still looks like a dog bone. It is not full of water. It's full of dead leaves and crabapples. For the birds I put out a pan. I fill it in the morning from a bottle. The recirculating pump is in the garage, on a shelf. I do all the babbling we need, all by myself.

— tjg

PROJECT WILD: FREE WORKSHOP FOR TEACHERS

The Utah Division of Wildlife Resources and Cache County School District are sponsoring a Project WILD environment education workshop for teachers, community group leaders, and other educators. This 10-hour interdisciplinary workshop will be held Friday, April 6, 4:30 - 6:30 p.m. and Saturday, April 7, 8:30 a.m. - 4:30 p.m. at Millville Elementary School, 67 South Main, Millville, UT.

The workshop will focus on developing awareness, knowledge, and problem solving skills related to wildlife, people, and the environment we all share. It involves children and animals—the proven formula for generating classroom interest and participation. The workshop is free; optional University credit through USU is available. To register, call Millville School at 752-7162.

PROJECT LEARNING TREE

Project Learning Tree of Utah and Edith Bowen Lab School are sponsoring a Project Learning Tree Workshop on May 4 and 5, 1990, for teachers, community group leaders, and interested educators. Project Learning Tree (PLT) is an award-winning environmental education program designed to help educators teach basic science concepts as well as environmental issues. PLT helps children to develop the awareness, knowledge, skills, and commitment necessary to make wise decisions about the use of the earth's natural resources.

Project Learning Tree, which focuses on trees and the forest environment as content theme, is a forerunner of the popular Project WILD curriculum, which focuses on wildlife issues. The two programs complement each other, and provide teachers with an excellent framework for the interdisciplinary teaching of hands-on science. PLT activities are useful for instruction in social science, natural science, mathematics, physical science, PE, art, and language arts. PLT is designed for all grade levels, K-12, as well as for scout organizations, home school instructors, and adult audiences. PLT is also applicable to children with special needs.

The 10-hour workshop will offer optional graduate or recertification credit. For more information, call Karen Matsumoto-Grah at 750-3468.

WCD: THE ONGOING SAGA

The dark days of the fight against the Water Conservancy District are definitely over. We still have the reluctant politicians and the tired paranoid rhetoric of the proponents. The new element on the scene is an informed public. Once people know about the district, they are almost universally against it. The public decides this issue, and Cache County citizens are lining up in droves to sign the protest petition.

At this deadline, Logan residents are running about ten to one against district formation. We have 3,000 signatures in Logan (30%, well over our 20% requirement), they have "less than 500" (their required 5%). Every day we get registered letters from people attempting to get out of their previous signing of the "pro" petition. We have a procedure for this through the courts, so if you know of anyone who wants "out" of the petition to form, let me know.

The latest word is that the petition to form will be filed about the first week of April. We will then have 30-60 days to file our protest petition. Will we fulfill the requirement that we have 20% in each town? We will know soon. This will be the first ever filing of a protest petition for a WCD.

You can help by going to your neighbors and talking to them about signing a protest petition. A new argument might be: "be on the winning side" or, "be a part of history!" The more signatures we get over the 20% requirement the safer we will be, and the stronger will be the message we will send to our legislators: "We don't want to be part of this!"

We have shown that Cache County residents are not followers, but are willing to chart an intelligent course, even if it is the first. I'm proud of them!

— Alice Lindahl

LETTER OF THE MONTH

Write to your city council persons, telling them you are against the Water Conservancy District. Your council has a legal obligation, remind them, to protect their constituents from unreasonable taxes, such as the WCD would impose. Ask that your city council take the step of asking to be drawn out of the WCD boundary by having them write to Dennis Funk (chairman of the ad hoc Water Development Committee) and asking that the district territory exclude your town.

You could also write to your county council person and thank them for taking a neutral stand and not giving the ad hoc committee any more money.

— Alice

LOCAL LATEST

BETTY

To our out of town *Stilt* readers we are sad to relate the death of Betty Boeker, our friend and friend to the environment. We will miss her greatly.

She died on February 26 after a courageous struggle against cancer. Up until the last week, she defied all her doctor's predictions by flying to New York and walking the USU indoor track. Her amazing ability to deal with this worst possible life tragedy was an inspiration to all of us.

Betty was well known for her commitment to wilderness and wetlands protection as well as her accomplishments in biochemistry research and teaching. More than anyone I know, she taught by example. She always sought new challenges: mountain climbing, kayaking, and every endurance and skill demanded of the outdoors. She bought land in the middle of a pasture and transformed it into a forest.

Betty liked to regard herself as part of the "institutional memory" of Bridgerland Audubon. Betty helped get the group started and provided the nudge needed for many pivotal decisions including forming an Audubon Council and organizing a regional meeting in Logan. She was always there for advice and that wonderful unhesitating support we need so much.

BAS has committed itself to designing, building and maintaining a natural area along the Bear River in memory of Betty. It will have a nature trail and a canoe launch. Since Betty had designated BAS as a place to send contributions in lieu of flowers, we will add any contributions to our fund for the area.

We will remember her as a person of vision, skill, determination, and humor. She helped show us the way to find out about the experience of being alive.

— Alice



ARE YOU READY FOR THE LOGAN CANYON ROAD EIS?

No, it isn't out yet—it might be a month or two more—but the draft EIS for the Wellsville to Brigham City route is available. The best way to prepare yourself for the Logan Canyon road EIS is to become informed and get involved in the EIS process for this highway:

Attend the public hearing, April 11, 7:30 p.m., Mt. Logan Middle School Auditorium, 875 North 200 East, Logan.

Get a copy of the draft EIS from Bio-West, 1063 West 1400 North, Logan.

Submit your comments (postmarked by 21 April) to: R. James Naegle, Utah Department of Transportation, 4501 South 2700 West, Salt Lake City, UT 84119.

Reconstruction of the Wellsville to Brigham City route will not be a trivial undertaking. In widening the highway, large cuts into the hillsides will be necessary—cuts approaching 200 feet high. Erosion rates in some areas could increase by a factor of 5000 over the present baseline rates if mitigation is not done in a timely and correct manner. Collisions with deer will increase. Unfortunately much of this is not addressed in much detail—it is left for the construction design phase, where there traditionally is no public input. Impacts of borrow pits and rubble piles (which will cover acres) are not discussed. There are no details on where new wetlands, to replace those destroyed by the highway, will be located. Deer fences and over/under passes are mentioned only briefly. We need to stress in our comments that an EIS which does not address these topics directly is not acceptable!

On a positive note, there is much we can learn from this DEIS. Unlike the Logan Canyon EIS, there is a lot of data. Acreage of cut slopes and volumes of cut and fill needed for the different alternatives are specified. Issues evaluated are more pertinent to the public's concerns.

We hope to have a committee to examine this draft EIS, both from the perspective of what comments we should make and what we can learn to apply to the Logan Canyon road. Call me at 752-9102 (evenings) for details.

— Steve Flint

POWER PLANT SOON TO SPEW STUFF OUR WAY

We have recently learned that there was an extension of the public comment period regarding the proposed Thousand Springs Power Plant (TSPP), to April 11. Those unfamiliar with the TSPP project should know that Thousands Springs would be a 2000-megawatt (that's real big, folks) coal-fired electrical generation plant built on BLM land north of Wells, Nevada; the power would be sold to West Coast users. Over the life of the project (35 years!), the plant would burn approximately 224 million tons of coal (converting only 30-40% of the energy to electricity), and would *annually* consume at least 32,000 acre-feet of water.

"Public comment" means that individual citizens can write to the BLM expressing their views regarding the Draft Environmental Impact Statement (DEIS) for TSPP. However, letters will be more effective if comments relate to whether the DEIS properly evaluates environmental risks associated with the proposed project. We realize that most concerned citizens cannot read and critically evaluate the 2.5-inch-thick DEIS in time to meet the April 11 comment deadline. Therefore, we have borrowed and/or summarized the following statements from an ALERT notice from the Committee for Idaho's High Desert. We feel that the Committee has done an excellent job evaluating and summarizing the DEIS.

1. **"Conservation of energy is not even considered as an alternative."** Existing law in the Northwest requires that "maximum reliance . . . be placed on conservation and renewable energy resources in responding to growing demands for electricity . . . This point needs to be stressed.

2. **Arbitrary criteria are used to rule out energy production alternatives."** . . . The criteria used to develop the range of alternatives considered are . . . biased towards the selection of the proposed project." Alternatives such as cogeneration were excluded because they are not available in Nevada, even though possibilities for cogeneration abound throughout the area where the power will be used. Insist that these arbitrary criteria be removed and the DEIS be rewritten to evaluate all reasonable energy production alternatives within the market area.

3. **"Air quality would be seriously impacted by the proposed power plant."** The eight 448-foot stacks would create serious air quality problems downwind in areas of Idaho, Utah, Wyoming and Colorado. Acid rain, a consequence of burning coal, would adversely affect mountainous regions in these states. However, in the DEIS, "the discussion of air quality impacts is limited to

Nevada only!" Ask that the DEIS be rewritten to evaluate regional impacts.

4. **Incredible vistas and crystal air in the Great Basin would be degraded by emissions from TSPP.**

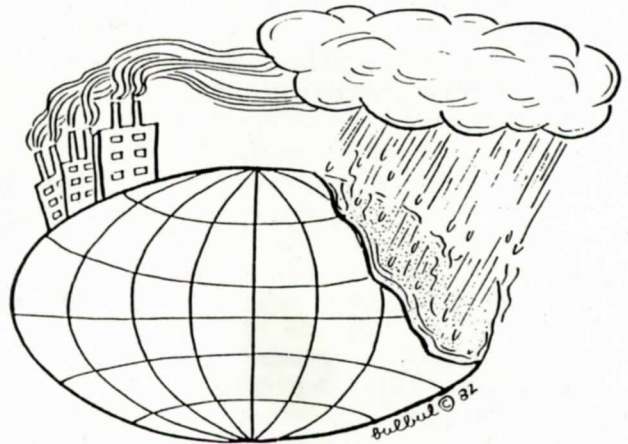
Visibility in the area to be impacted by TSPP is now the best in the nation, but emissions from TSPP would change that, even in wilderness areas. Stress the importance of maintaining our air quality, especially in wilderness areas which are supposed to remain pristine in all aspects.

5. **Aquifers and wetlands depleted by groundwater mining would not recover until at least 70 years after the plant is mothballed.** Water for the project would come from wells, which will drain aquifers that supply water to wetlands and agriculture. Wildlife would be adversely affected, and agricultural enterprises could suffer. Argue against this use of scarce water resources which are necessary for the survival of wildlife and continuation of agricultural production.

ACT NOW!

Your comment letters are urgently needed and should be addressed to Bureau of Land Management, Elko District Office, ATTN: TSPP Coordinator, P. O. Box 831, Elko, Nevada 89801. Again, the letters need to be **received by April 11.**

— Steve Flint
— Karen Shotwell



AIR FORCE PROPOSAL THREATENS UTAH DESERT

I feel that environmental groups should be alerted concerning a situation which is developing here in western Utah. An Air Force Proposal, called ECTC (Electronic Combat Test Capability), could threaten this important desert wildlife habitat. In addition to being home for the wild horse, antelope, and the usual high desert fauna, this area is also a significant migratory route for raptors including the golden eagle. Circling golden eagles are extremely common here, and groups of four or more golden eagles feeding together are not uncommon. Also, in this same part of the state, there are many proposed wilderness areas, there is the new Great Basin National Park, and there is the Fish Springs National Wildlife Refuge, home to 200 species of waterfowl and other wildlife.

The Air Force claims that only a small area, 396 acres, will be encumbered; but, as more information becomes available, it is increasingly clear that .5 million acres could eventually be closed as a military reservation.

Top-secret target sites, use of dangerous microwave radiation and lasers, and military jets passing every few minutes at 100 foot altitude are a few of the reasons the Air Force may later close off a huge area in the interest of secrecy and public safety.

Just as some of these things are a threat to the public land user (recreationist, miner, sheep and cattle herders), they are also incompatible with the well-being of wildlife. For example, I was told by a BLM official that the lasers could burn out the eyes of an unsuspecting observer with binoculars. What would these lasers do to the telescopic vision of eagles, falcons, and hawks?

ECTC is being proposed in the name of our national defense, and Utah's politicians all favor it. It will create many jobs and bring into Utah billions in defense money.

But it is interesting that ECTC was dropped from the 1989 budget and is now being reconsidered despite today's more benign world climate. Rep. Hansen mentions the Warsaw Pact threat as a reason for needing ECTC. Recently, the Warsaw Pact threat has diminished to the point that even NATO forces stationed in Europe are now being questioned. One might conclude that this potential Air Force "land grab" is really just based on the same old Pentagon habit of defense spending inspired by the same old cold war mentality. Ten years ago, the Air Force was arguing just as forcefully and convincingly for the MX missile "shellgame" race-tracks covering a vast area of the west including these same desert valleys. This is a time for scaling back, not increasing, military reservations. At least the Air Force should find ways to utilize existing reservations such as Nellis in Nevada or Edwards in California.

— Mike Sprunger
Leamington, Utah

National Audubon Society



REGIONAL CONFERENCE

**Rocky Mountain Region
10th Regional Conference
September 4-9, 1990**

Mammoth Hot Springs Area
Yellowstone National Park, Wyoming

"Yellowstone Park - 118 years later"

Come and join us in the Mammoth Hot Springs Area of Yellowstone National Park for the Rocky Mountain Regional Conference. This year's conference features a variety of field trips, workshops and programs.

Few of Yellowstone's hydrothermal features have the sheer grace and beauty of Mammoth Hot Springs. Mineral-laden hot water from deep beneath the earth's crust have found their way to the surface and built tier upon tier of cascading terraced stone. Thousands of gallons of water and up to two tons of limestone pour out each day. This area serves as the headquarters of Park Service activities and has a visitor center, museum and bookshop/giftshop.

The program will focus on Park related issues. Federal land managers and biologists along with Audubon staff will be sharing their expertise on such issues as forest practices, wildlife, wilderness, 1988 wildfires, and their interrelationships. Special workshop opportunities will be available (computers, ecology camps, grassroots activism, state councils, wetlands, international sanctuary interaction, education, population, and others).

Lodging options range from the first come, first serve campgrounds, through Budget Cabins, Frontier Cabins (with or without hot tubs), to the Mammoth Hotel. Meals will be on your own. Registration fee for the conference is \$25 per person or \$40 for couples. Several fieldtrips have been organized to explore the beauty and wildlife of the Northern Rockies.

For further information, contact: National Audubon Society, Rocky Mountain Region, 4150 Darley Ave., #5, Boulder, Colorado 80303.

SUMMER EMPLOYMENT OPPORTUNITIES AT AUDUBON CAMPS

Natural History Instructors

Audubon Camps are operated at sites in Maine, Connecticut and Wyoming by the National Audubon Society to provide adults with a relaxed educational setting in which to learn more about the natural world around them and the ways in which people are interacting with that world. Through the use of direct field study, lively lecture/demonstrations and discussions, the program strives to help participants develop 1) a stronger understanding of basic concepts of ecology, 2) an increased familiarity with the flora, fauna and physical environment, 3) an increased awareness and understanding of environmental problems, 4) a greater familiarity with references, resources and field study skills which will enable them to continue their studies on their own, and 5) a greater desire to put their knowledge and skills to work on environmental matters in their home communities.

Workshop participants range in age from 18 to 80 and in knowledge from those with little or no background to others with considerable field experience. Many are teachers or scout leaders who are interested in learning both background information and teaching techniques. The teaching program is designed to provide a balance between basic information for beginners and providing new information and/or teaching techniques for those with more experience.

Qualified individuals with teaching experience in a wide range of natural science subjects and ecological disciplines can become a part of the prestigious staff at one of Audubon's Camps or Workshops. The programs run for eight weeks from late June to late August and the positions include a starting salary of \$1,500 plus room and board, at our sites in Connecticut, Maine or Wyoming.

Interested persons should send their resume to:

Philip P. Schaeffer, Executive Director
National Environmental Education Center
National Audubon Society
613 Riversville Road
Greenwich, CT 06831

Qualified persons who are selected for consideration will receive a detailed job description and application form.

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 the following Wednesday, October through May, in the Logan Library at 7:00 p.m. Everyone is welcome to attend.

President	Val Grant, 752-7572
Vice President	John Mull, 753-7079
Secretary	Susan Robertson, 750-6325
Treasurer	Dianne Browning, 752-5946
Conservation	Alice Lindhal, 753-7744
Education	Karen Matsumoto-Grah, 750-3468
Membership	Al Stokes, 752-2702
Field Trips	Al Stokes, 752-2702
Newsletter	Pat Gordon, 752-6561
Circulation	Mike Jablonski, 752-0536
Publicity	Bruce Pendery, 750-0253
Hospitality	Mae & Merv Coover
Hotline	Kayo Robertson, 750-6325
Recycling	Marvin & Irma Moon, 753-4698
Trustees	87-90 John Barnes, 563-3910
	Dianne Browning, 752-5946
	88-91 Ron Ryel, 753-6077
	John Sigler, 753-5879
	89-92 Larry Ryel, 753-8479
	Cynthia Kerbs, 752-3251
	Bob Atwood, 752-9284
	Office, 753-0012

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.

PRINTED ON RECYCLED PAPER.

National Audubon Society Chapter Membership Application

Yes, I'd like to join.

Please enroll me as a member of the National Audubon Society and of my local chapter. Please send AUDUBON magazine and my membership card to the address below.

☐ My check for \$20 is enclosed.

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Please make all checks payable to the National Audubon Society.

Send this application and your check to:

National Audubon Society
Chapter Membership Data Center
P.O. Box 51001 • Boulder, Colorado 80322-1001
LOCAL CHAPTER



Bridgerland Audubon Society
P.O. Box 3501
Logan, Utah 84321

W-52
Local Chapter Code
7XCHA

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or current resident
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PROVIDENCE, UT 84332
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Bridgerland Audubon Society

ANNUAL BANQUET

A Gala Affair!

April 19

Where else can you stuff yourself, learn about sandhill cranes, boogie to bluegrass music and maybe win a T-shirt? Plus hobnob with society—The Bridgerland Audubon Society, that is!

Call 752-9089, 752-5946, or 750-0253 by April 12.