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BURROWING OWL

Central New Mexico Audubon Society

October-November 1987

WELCOME!

The Central New Mexico Audubon Society (CNMAS) meets on the third Thursday of each month at 7:30 P.M., St. Timothy's Lutheran Church, Copper and Jefferson, N.E. Nonmembers are welcome at all meetings, field trips and special events.

1987 NEW MEXICO AUDUBON CONFERENCE

—October 17 & 18th, Sat-Sun

Don't miss it! If you belong to the National Audubon Society (NAS)—whether or not you attend the local Chapter meetings—this Conference is for you.

Did you know that a portion of the dues you pay to NAS is sent to your local Chapter, which in turn sends a portion of that money to the New Mexico Audubon Council? The question has been asked: "What does the New Mexico Audubon Council do with my money?" You can learn the answer at the Conference being held at the Sheraton Hotel, 750 N. Saint Francis Drive, in Santa Fe.

On Saturday, you will hear outstanding speakers give stimulating talks to stir the imagination, and you will meet and make new friends from all over New Mexico who have similar interests. Then, on Sunday, you will participate in a field trip to the Randall Davey Audubon Center, the New Mexico State Office of the National Audubon Society, where Dave Henderson, New Mexico Representative of National, will give us a guided tour and bring us up-to-date on new developments at Davey Center.

To register for the conference, send a check for \$20.00 (payable to New Mexico Audubon Council) to: Lillian Tenopyr, Conference Chairperson, 727 Stallion Road, SE, Rio Rancho, NM 87124. Your registration includes lunch and dinner on Saturday. After October 9th, the registration fee will be \$25.00. It will be a fun-filled weekend. From now on, the word is...BE THERE!

UPCOMING PROGRAMS

by Dr. Celestyn Brozek

REMOTE SENSING OF HABITAT FOR WILDLIFE MANAGEMENT

Thursday, October 15th

Mike Inglis and Sal Di Maria will present their work with satellite data in mapping of wildlife habitat in Lincoln National Forest and in the Bosque del Apache National Wildlife Refuge. High resolution satellite data is becoming a more accepted and very useful tool in wildlife research and management. When used in conjunction with biotelemetry data, relationships between wildlife and their habitats can be drawn. Two films in the use of biotelemetry in deer and elk by the Los Alamos National Laboratory will also be shown.

Mike Inglis is the associate director of the Technology Application Center at UNM and Sal Di Maria is a graduate student in geography at UNM and is working in the center.

THE ERUPTION OF MT. ST. HELEN'S AND EFFECTS ON AQUATIC ENVIRONMENT

Thursday, November 19th

In the seven years since Mt. St. Helens erupted in a spume of gas, ash and pumice, there have been 24 additional eruptions at the volatile peak in the Cascade Range. Nature is laboring mightily to transform the scoured flanks of the mountain, its debris-filled river systems and chemically polluted ponds and lakes into a facsimile of the sylvan setting that existed before the eruption.

This summer is the eighth summer of studies conducted in the eruption area, where lakes, new thermoenvironments and thermosites were created. Dr. Cliff Dahm, Professor in Biology at UNM, studied the initial response and subsequent changes on microbial organisms including algae, bacteria and zooplankton, as well as the chemistry of the aquatic environments. He feels that scientists have an unprecedented opportunity to watch unhindered regeneration in the eruption area and will share his research results through a discussion and slides.

FIELD TRIP SCHEDULE

JUAN TABO CANYON

—Sunday, October 25th

Enjoy a morning birdwalk in beautiful Juan Tabo Canyon. We should catch the end of the migrant season and may possibly see some uncommon wintering sparrows such as the Golden Crown, Fox, Brewers or Black-Chinned. Meet at 8:00 a.m. at the corner of Tramway and the Forest Service Road to Juan Tabo Picnic Ground. Beginners are welcome! Bring water and lunch if you want to stay to picnic. For more information, call leader Hart Schwarz at 266-1810.

MIGRATING CRANES

—Saturday, November 7th

For several years we've heard about the crane migration study CNMAS has supported. Here's an opportunity to join in the research effort! Meet Dale Stahlecker at Coronado State Monument near Bernalillo at 1:00 p.m. to watch for an afternoon flight of cranes. If winds are light, we will bird along the Rio Grande while we wait for the calls of the cranes to pull our eyes skyward. If strong westerly winds are blowing, we will watch for the cranes along NM44 towards Placitas. At about 4:00 p.m. we will move to Jemez Canyon dam to watch for the evening flight of cranes arriving to roost. Herons, cormorants and ducks can also be seen at Jemez Canyon dam. Since crane migration is affected by weather, with a cold front signaling a good migration day, we may see many cranes or we may see few. We take our chances by planning ahead! However, the second weekend of November has produced big counts on two of the past three years—over 10,000 cranes were counted November 9-11, 1986! The trip will end at dark (approximately 5:30 p.m.). Wear clothing and bring snacks appropriate for the weather. For more information, call Dale Stahlecker at 345-2827.

BIRDS OF ZUNI

Birdwatchers in the Zuni area have announced that the following fieldtrips are open to anyone who is interested in learning more about birds in the Zuni area. For information, contact Dave Cleary, 782-4917.

BLACK ROCK RESERVOIR

—Saturday, October 10th

Migrant shorebirds and waterfowl should be at peak numbers. Meet at the PHS hospital parking lot in Black Rock (3 miles east of Zuni) at 8:00 a.m. Bring lunch and water. The trip will end by noon.

BLACK ROCK CANYON

—Saturday, November 7th

Hike through riparian habitat into one of Zuni's most beautiful canyons. Meet at the PHS hospital parking lot in Black Rock at 8:00 a.m. There's more hiking than usual on this trip, but it's worth the effort! Bring lunch and water. The trip will end by noon.

FIELD SIGHTINGS

by Mary Lou Arthur and Bruce Halstead

If you have interesting and/or rare field sightings to share, please call Mary Lou Arthur at 256-7359. Bruce Halstead will coordinate with Mary Lou to report your sightings in this column.

Sightings reported over the past few month include: A **Rufous-Backed Robin** was reported at Percha Dam on July 3rd. **Pine Siskins** were seen in metropolitan Albuquerque as early as August 10th. A **Crissal Thrasher**, **Northern Waterthrush** and **Orchard Oriole** were banded at the Rio Grande Nature Center over the weekend of August 22-23rd.

Mr. "Sandia Mountains," Hart Schwarz, reports that **Clark's Nutcrackers** can be found in the Sandia Crest area from late summer throughout the winter. **Band-Tailed Pigeons** are common in the foothills around Juan Tabo Canyon in August and early September when they come in to eat acorns. Hart observed an early migrating **Osprey** on August 23rd, passing over the Juan Tabo Canyon area. Joanne Phullips also saw an Osprey at Shady Lakes later that same week. A female **Lark Bunting** was observed in Embidido Canyon on August 30th.

Ross Teuber offers the following **American White Pelican** report:

—250 at La Joya on August 28th

—100 at La Joya on September 2nd

—30 at Bosque del Apache on September 14th

Ross also observed a light-phase **Parasitic Jaeger** at La Joya on September 10th, and Paul Steel observed a Parasitic Jaeger at Cochiti Lake on September 5th. Other reports from Ross include a **Gray Catbird** along one of the ditches at La Joya on September 10th, a **Yellow-Billed Cuckoo** in his backyard on September 12th, and four **Prairie Falcons** at La Joya on September 14th. Ross has observed numerous **Cormorants** at Bosque del Apache, where the staff are now reflooding the marshes for the return of the wintering waterfowl. The marshes at La Joya are also being reflooded.

Some interesting observations for September include a female **Lazuli Bunting** and several **Sage Thrashers** in Juan Tabo Canyon on the 4th and both the Rocky Mountain and West Coast forms of **Solitary Vireos** in Juan Tabo Canyon on the 5th. According to Hart Schwarz, the West Coast form occurs here only during the fall. Ross Teuber had a **Black-and-White Warbler** in his backyard on the 7th. A **Scrub Jay** was seen at Shady Lakes on the 8th. Mary Lou observed a flock of 15 **Band-Tailed Pigeons** at South Deer Peak on the 11th, and Hart saw both **Lincolns** and **Vesper Sparrows** in the area of Sandia Park Pond on the 13th.



CONSERVATION NOTES

by Lew Helm

**ALBUQUERQUE REGIONAL CONSERVATION (ARC) LAND TRUST**

This interesting new concept promises to be most valuable in current efforts to preserve significant parcels of natural areas and open space. The trust will seek support from donors and developers in the form of gifts of land and by donations through membership in the trust. The ARC Land Trust is just now being organized. An organizing committee will set objectives, develop a timetable, and form a Board of Directors. Land, either donated or purchased, will be held as specified by the donor. Some land will be held in perpetuity, some can be transferred to governmental units for management, and some can be accepted as trade lands.

Local and regional land trusts operate on both coasts and have made major contributions to the preservation of natural areas and open space. Since a trust is made up of locally-based groups of volunteer citizens, it can help bring together the diverse elements of the community which are concerned with long-term quality of life. Here is a splendid opportunity for CNMAS members to participate in the development of the trust and to help preserve the more significant natural areas and open space. For more information, contact any of the following persons:

Homer Milford, 345-3068
 Jeanne House, 294-6147
 Viola Miller, 293-8144
 Barbara Rosnagle, 345-2185

OPEN SPACE PRESERVATION AND A WHOLE LOT MORE!

As you know, the Albuquerque City Council enacted an ordinance increasing the gross receipts tax by one-fourth of one percent for ten years on September 10, 1987. The original proposal, endorsed by CNMAS, was for the tax increase to be limited to three years to cover acquisition of open space on the western escarpment (petroglyphs), the Rounds Estate, and other open space parcels. The City Council opted to lengthen the tax increase period to ten years and to cover an array of "quality-of-life" programs, including acquisition of open space. Acquisition of the more important open space lands is to be given priority during the initial three years of the tax hike, with the other programs to be phased in as funds become available. In order to be on record with the Albuquerque Conservation Alliance, the Board of Directors of CNMAS voted to approve the City Council's action and to continue to support efforts to preserve significant parcels of open space.

SHARE-WITH-WILDLIFE: THE PAYOFF

New Mexico taxpayers who have donated state tax refunds have made it possible to fund an array of efforts to help non-game fish and wildlife throughout New Mexico. The New Mexico Department of Game and Fish has proposed seven new projects, which if approved by the State Game Commission, will be submitted to the 1988 state legislature for inclusion in the Department's 1988-89 budget. These projects (studies) are:

- o Distribution, abundance and breeding status of the Boreal Owl
- o Current breeding status of the Ferruginous Hawk to determine whether it is endangered
- o Habitat use and behavior of endangered fishes
- o Current status of two species of turtles
- o Nesting biology and habitat requirements of Goulds Turkey
- o Population trends and role of the plague in Black-tailed Prairie Dogs
- o A general category of wildlife habitat management

Projects proposed for continued funding are:

- o Study of the recent decline in some Leopard Frog populations
- o Support of Wildlife Rescue
- o Genetic analyses at the University of New Mexico
- o Maintenance of captive populations of the endangered Socorro Isopod
- o Mountain Lion study

Share-With-Wildlife has received just over \$100,000 from the 1986 tax year. Keep this opportunity in mind when making out your next state income tax return.

NEWS FROM NATIONAL AUDUBON SOCIETY (NAS)**DIRECT CHAPTER ELECTION OF NAS BOARD MEMBERS ADOPTED**

On August 8, 1987, a Special Committee of the NAS Board of Directors, which had been empowered to revise the nominating procedures for the Board, met with a group of Regional and Chapter Leaders. These Leaders were invited to give advice based on their experience, expertise and concerns, and did not appear in a representative capacity.

A two-part resolution was unanimously adopted by the Special Committee:

1. Any consideration of, or action relating to, Chapter Assignment/Dues Split will be deferred until after the election of Chapter Representatives to the Board of Directors to be held at the Annual Meeting of Members on December 4, 1987, and any consideration of the issue shall be made in accordance with the Chapter Policy.

2. A new system for electing a portion of the membership of the Board of Directors from and by the various Regions was established. This year, nine candidates selected by the Chapters in each Region will be placed on the ballot. The Chapters in each Region will select one nominee who will be placed directly on the ballot as part of a single slate. The full slate will consist of nominees from the Regions together with other nominees designated by the Nominating Committee of the Board. The ballot will list a single candidate for each open position on the Board. It will be submitted to the membership at large for election, in accordance with NAS standard procedure. Following this year's election, the process will be evaluated so that it can be further refined, if needed.

IMPACT OF THIS RESOLUTION ON CNMAS

Three people have been nominated by Chapters in the Southwest Region to represent the Southwest Region on the NAS Board. (CNMAS was asked for, but did not submit, a nomination). The deadline to vote by Chapter is October 2nd. Rather than presenting the complex issue to the general membership, a motion was made and passed at the September CNMAS Board Meeting that the CNMAS Board select one of the three nominees. After discussing the qualifications of the three nominees, the Board voted unanimously for Wilma Jean Anderson, 1984-86 President of the Audubon Council of Texas and 1982-84 President of the Seattle Audubon Society. The CNMAS' vote will be tallied with the votes of other Chapters in the Southwest Region to arrive at one nominee for the NAS Board from the Southwest Region.

PROXY VOTES REQUESTED

In regard to this year's NAS Board election, CNMAS also received a letter from the Ohio Audubon Council (OAC) which is interested in mounting a proxy campaign to elect members to the NAS Board. Voting by proxy ballot by individual member has always been possible, but the process has been largely ignored in the past. As a result of recent NAS actions abolishing Regional Offices and cutting staff, the OAC wants to revive the proxy process in order to elect individuals to the NAS Board with Chapter experience and fresh viewpoints. They have submitted a slate of 12 nominees from all areas of the country for the NAS Board. (Two of the Chapter nominees from the Southwest Region are also on this slate.) This slate has been endorsed by Olin S. Pettingill, Jr., Charles H. Callison, Helen Cruickshank, and John Gallagher. OAS is asking individual Audubon members to support this slate by proxy (or, at OAS' discretion, other nominees if the situation at the NAS Annual Meeting warrants a revision of the slate).

If you would like to participate in this proxy process, contact any member of the CNMAS Board for more information and a proxy form. Forms will also be available at the October and November meetings and should be returned to OAS no later than November 20, 1987.

UNM DEPARTMENT OF BIOLOGY SEMINAR SERIES

All interested persons are invited to attend the free seminars listed below. They are offered on Tuesdays, from 3:30 to 4:30 p.m. in Room 139, Castetter Hall (Biology Building), located on the west side of Yale. Parking is available on the south side of Central near the Burger King. Those of you who cannot participate in CNMAS evening meetings may be especially interested in these "daylight hours" seminars.

--October 6th, "The Reproductive Ecology of Locally Endemic and Geographically Widespread Species of *Astragalus*," Dr. Jeff Karron, UNM.

--October 13th, "The Place of Protists in the Biological World," Dr. John Corliss, University of Maryland.

--October 20th, "Stream Ecology," Dr. Stan Gregory, Oregon State University.

--October 27th, "The Pattern and Process of Short-Distance Dispersal in Cooperatively Breeding Birds," Dr. Steve Zak, Purdue University.

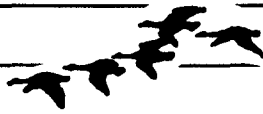
--November 2nd, "Avian Predator Ecology," Dr. Ian Newton, Monks Wood Experiment Station (tentative, call the Biology Dept. at 277-3411 to verify).

--November 3rd, "The Role of Large Mammals in Influencing Ecosystem Processes in Boreal Forests," Dr. Robert Naiman, University of Minnesota.

--November 10th, "The Evolution of Host Plant Switching in Aphids: Phylogenetic Constraint vs. Optimization," Dr. Nancy Moran, University of Arizona.

--November 17th, "Immunology of Schistosome-Mollusc Associations," Dr. Timothy Yoshino, University of Oklahoma.

--November 24th, "Rules Regulating Human Inbreeding and Marriage: An Evolutionary View of History," Dr. Nancy Thornhill, UNM.



WHOOPING CRANE UPDATE

The following News Release was issued by the Department of the Interior, U. S. Fish and Wildlife Service, Albuquerque, NM, on September 9, 1987:

CANADIAN WHOOPING CRANE FLOCK CONTINUES TO INCREASE

This fall over 130 endangered whooping cranes are expected to migrate south from their Canadian nesting grounds at Wood Buffalo National Park in the Northwest Territories to Aransas National Wildlife Refuge (NWR) on the Gulf Coast of Texas. The U. S. Fish and Wildlife Service (FWS) and Canadian Wildlife Service report that the record production of 23 to 24 chicks this year coupled with 109 whooping cranes from last year means a potential of 133 birds for 1987—the best year since records were kept.

This summer's record nesting production of whooping crane chicks is welcomed by Canadian and American biologists since only 16 whooping cranes survived in the wild 46 years ago. In fact, the previous three summers of 1984, 85 and 86 have consecutively set records with 15, 16, and 21 young respectively, reaching flight age.

Early this summer, Canadian wildlife biologist Ernie Kuyt found 32 whooping crane nests containing some 62 eggs at Wood Buffalo National Park, Canada. Of the 62 eggs, 24 were removed—12 were transferred for foster parenting sandhill cranes at Grays Lake NWR in Idaho and 12 were sent to the FWS Patuxent Wildlife Research Center at Laurel, Maryland, for captive breeding. Field surveys in June showed at least 27 chicks had hatched with 23-24 making it to fledging stage in August, 21 of these were able to be banded by biologists.

GRAYS LAKE EXPERIMENTAL FLOCK DECLINES

In contrast, a second experimental flock that migrates each fall from Grays Lake NWR in Idaho to Bosque del Apache NWR near Socorro, New Mexico, continues to decline. All twelve eggs transferred from Wood Buffalo nesting grounds to Grays Lake NWR hatched, but only 2 chicks survived to fledging age. The cause of this summer's poor chick survival is unknown. This flock now contains only 20-22 individuals, down from 27 last year.

The experimental Rocky Mountain population was begun in 1975 in an attempt to establish a second wild whooping crane flock. The population was started by taking eggs from the nests of the original Canadian flock, and from whooping cranes kept at the FWS research laboratory in Laurel, Maryland, and placing them in the nests of sandhill cranes. The more common sandhill cranes raise the young whooper chicks as if they were their own. Come fall,

the sandhills lead the whoopers on an 850-mile migration to Bosque del Apache NWR along the Rio Grande in central New Mexico, a shorter and less arduous trip than the 2500 miles traveled by the Aransas-Wood Buffalo flock.

PATUXENT FLOCK STATUS

The other 12 eggs taken from Wood Buffalo nests were transferred to the FWS Patuxent Wildlife Research Center in Maryland. Seven of the transferred eggs hatched and five chicks survived to join the 38 adults and subadults at the Center. Whoopers held at Patuxent are used for captive breeding to provide young whoopers for future release into the wild.

MIGRATION ROUTES AND TIMES

The Canadian whoopers begin their long 2,500-mile journey to the Texas coast in mid-September and October. The several-week journey takes them through the central Canadian provinces and midwestern states of North and South Dakota, Nebraska, Kansas, Oklahoma and Texas. The Rocky Mountain flock begins the 850-mile journey about late September or early October. Their migration takes them from Idaho through parts of Wyoming, Utah, and Colorado. They stop for several weeks at Monte Vista NWR in the San Luis Valley, Colorado, before continuing to southern New Mexico.

Dr. James Lewis, National Whooping Crane Coordinator, FWS, Albuquerque, New Mexico, warns, "The whooping crane is fully protected under the Endangered Species Act. Hunters, photographers, farmers, and others are cautioned not to shoot or unduly disturb these birds. A whooper could easily be frightened into wires and other obstacles, or be disturbed from an important food and roosting site. This is especially critical during migration." Lewis adds, "when there's only a few of a species left, everyone of us must make a sincere effort to ensure its survival."

YOU CAN HELP

State and Federal wildlife officials are asking anyone seeing a whooping crane this fall to report the time, place, and other details of the sighting to local wildlife officials. Adult whooping cranes are white with black wingtips and a red crown. In flight, the bird's long neck is held straight forward and long black legs extend beyond the tail. The adult's wingspan may be more than 7 feet, and the bird is up to 5 feet tall. Juveniles have white and rusty brown body feathers and black wingtips.

RESEARCH PROPOSAL

Due to their position at the top of the food chains, raptor populations serve as useful indicators of ecosystem health and stability. A number of detailed studies of fall raptor migration have been conducted in many regions of North America. However, most of these sites are located in the eastern half of North America, and relatively little information has been gathered in the West; in particular, the Southwest. Western raptor populations are currently threatened by habitat destruction, pesticide contamination and other factors, in both wintering and breeding areas.

In an attempt to fill the research void, Steve Hoffman began searching for concentration points of migrating raptors in the mountains around Albuquerque, discovering a point in 1968 in the Manzano Mountains (near Capilla Peak) 35 miles south-southeast of Albuquerque. Two seasons of data collected at the Manzano Lookout, along with data collected during the past three springs (1985-87) at the Sandia Lookout, a spring concentration point, are providing an unprecedented opportunity for study of raptor migration in the Southwest. Daily observations taken in the fall of 1987, along with those from 1985 and 1986, will provide valuable baseline data for monitoring both short and long term trends in raptor reproductive success and population levels along the eastern Rocky Mountain flyway.

There are currently no other studies being conducted along this flyway. In addition, if counts are continued for several years, it will be useful to compare trends in the Manzanos with trend information from the Sandia Lookout, and from similar ongoing studies conducted by Steve along a different flyway in Nevada.

In 1986, Steve founded the Western Foundation for Raptor Conservation, Inc. (WFRC), which was incorporated in New Mexico as a non-profit organization to conserve all raptor populations and their habitats in the West through research and education programs. Initially, WFRC's primary mission is to continue raptor population monitoring work in Nevada (in the Goshute Mountains) and New Mexico (in the Manzano and Sandia Mountains).

CNMAAS has supported Steve's research over the past few years, and voted this fall to donate \$200 to the research effort. In addition, a fieldtrip was held on September 27th to acquaint members and guests with the Manzano site and to assist with the fall count. The CNMAAS Board hopes members and interested individuals will continue their support of this valuable research by assisting with the counts and/or by making tax-deductible contributions to: Western Foundation for Raptor Conservation, Inc., P.O. Box 304, Albuquerque, NM 87103. For more information, contact the Foundation at 291-9224.

AUDUBON ADVENTURES--1987-88

Audubon Adventures is the youth education program of the National Audubon Society (NAS) for elementary school students in grades 4 and 5. Each issue of the newspaper emphasizes a special theme and students in an enrolled class receive a membership card, decal and the newspaper. The teacher receives the companion Leader's Guide and each class is presented a certificate for the classroom. This program is entering its fourth year with some exciting themes: Marine Animals, Songbirds, Endangered Species, Weather and Microclimates, Fish and Fisheries Resources, and Spiders and Snakes.

NAS' cost to produce and distribute the Audubon Adventures is about \$100.00 per class per year. Most of the cost is borne by NAS, but local subscription of \$25.00 per class is required. This year, due to budget considerations, CNMAS has cut back to ten classrooms. We would like to reach more classrooms. You can help by sponsoring a class through a \$25.00 tax-deductible donation. By doing so, you can help environmental education grow in a successfully proven way!

To sponsor one or more classes, return the registration form below to: Marge Carrick, 808 Dakota, SE, Albuquerque, NM 87108 Audubon

**I WOULD LIKE TO SPONSOR-----
AUDUBON ADVENTURES CLASS(ES) WITH A
\$25.00 DONATION FOR EACH CLASS.
ENCLOSED IS A CHECK TO CNMAS FOR \$-----
THANK YOU!**

NAME-----
ADDRESS-----

ANNOUNCEMENTS

LOOKING AHEAD TO THE CHRISTMAS COUNT

Mark your calendar now for the annual Christmas Bird Count. Exact dates have not been set for the CNMAS count, but the NAS specified period is December 17, 1987 through January 3, 1988. Counts will be conducted in the Sandia Mountains, the Albuquerque area, and the Bosque del Apache Wildlife Refuge. Watch the next issue of the BURROWING OWL for exact dates and times.



PETERSON FIELD GUIDE TO HAWKS

This new Peterson Field Guide is written by Bill Clark, the former Director of the Raptor Information Center of the National Wildlife Federation, and is illustrated by noted wildlife artist Brian Wheeler. Their outstanding work describes and illustrates all 39 species of North American hawks and other diurnal raptors, including eagles, falcons, and vultures.

Copies are available for \$13.95 each (paperback) through CNMAS. By making bulk purchases of 10 or more copies, CNMAS is able to obtain a discount and use the profits for CNMAS activities. This is a good way to support CNMAS activities and enjoy a new Peterson field guide. Make your check payable to CNMAS and send to Joan Phillips, Treasurer, 11033 US Hwy 85, NW, Albuquerque, NM 87114.

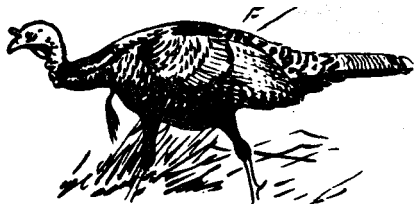
COPPER CANYON TOUR

—October 24 to November 2, 1987

Doug Rhodes, owner of Adobe Tours, is offering a \$120 per person discount to any birder who books on this tour and whomever accompanies that person (preferably another birder). The only thing he asks in return is that you watch birds and agree to help him with the bird list he started last March. He is an experienced guide for the area, running an average of 10 trips per year to Copper Canyon and will furnish references if requested.

This tour, which starts and ends in El Paso, will concentrate on the natural history of Mexico's famed Copper Canyon area. You will visit primitive Tarahumara Indians and view the rugged geology of a canyon four to five times longer than the Grand Canyon. An optional descent to a village at the bottom of the canyon which features tropical fruits and fauna is also offered. On the coast, a sea safari to a remote island provides closeup views of marine birds and an opportunity to observe and photograph sea lions. Once back on the railroad, you will stop at Divisadero, on the rim of the canyon, then continue on to Chihuahua for a city tour and an opportunity for some shopping.

The trip is limited to 22 people to insure a group small enough to take advantage of impromptu activities. It is suitable for all ages; however, the remoteness and altitude of some areas makes it unsuitable for people with fragile health. For more information, contact Doug Rhodes, Adobe Tours, P.O. Box 12334, Albuquerque, NM 87195, 873-1155.



Peggy Mitcheson

CNMAS DIRECTORY**PRESIDENT**

Donna & David Broudy, 510 Laguna Blvd., SW, 87104; 242-7108

VICE PRESIDENT & PROGRAM CHAIRPERSON

Dr. Celestyn Brozek, 1426 Adams, NE, 87110; 266-9225

RECORDING SECRETARY

Jean Dilley, 13 Mill Road NW, 87120; 897-0854

CORRESPONDING SECRETARY

Betty Balduc, 7000 Phoenix, NE, 87110; 883-1428

TREASURER

Joanne Phillips, 11033 US Hwy 85, NW, 87114; 898-2568/8531

DIRECTORS

David Carrick, 808 Dakota, SE, 87108; 266-0191

Neil Dilley, 13 Mill Road, NW, 87120; 897-0854

MEMBERSHIP CHAIRPERSON

Claudia Gayheart, 510 Camino De La Sierra, NE, 87123; 292-7633

CONSERVATION CHAIRPERSON

Lew Helm, 8213 Cherry Hills, NE, 87111; 821-8586

EDUCATION CHAIRPERSON

Marge Carrick, 808 Dakota, SE, 87108; 266-0191

FIELD TRIP CHAIRPERSON

Hart Schwarz, 920 Continental Lp., SE, #42, 87108; 266-1810

RESEARCH CHAIRPERSON & FIELD SIGHTINGS COMPILER

Bruce Halstead, 1825 Zena Loma Cy., NE, 87112; 299-9397

FIELD SIGHTINGS/RARE BIRD ALERT

Ross Teuber, 1612 Kentucky, NE, 87110; 265-8962

Mary Lou Arthur, 728 Monroe, NE, 87110; 256-7359

HOSPITALITY CHAIRPERSON

Jean Davis, 6421 Colleen, NE, 87109; 821-6815

GREETERS CHAIRPERSON

Ethyl Ringer, 5320 Marble Ave., NE, 87110; 266-6038

LIBRARIAN

Carol Davis, 2828 Don Pancho, NW, 87104; 243-4877

NEW MEXICO AUDUBON COUNCIL REPRESENTATIVES

Evelyn & George Price, 201 Wyoming, SE, #28, 87123; 266-4028

EDITOR, BURROWING OWL

Sarah Sharpton, 6332 Buenos Aires, NW, 87120; 897-2883

CIRCULATION, BURROWING OWL

Elizabeth Broemel, 3032 San Joaquin, SE, 87106; 256-9481

FIELD SIGHTINGS

256-7359

Mary Lou Arthur



NATIONAL AUDUBON SOCIETY

Membership Application

Please enroll me as a member of the National Audubon Society and of my local chapter, Central New Mexico Audubon Society. Please send Audubon magazine, Burrowing Owl newsletter, and my membership card to the address below.

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Gift Membership

Please enter a one-year gift membership in the National Audubon Society and send a gift announcement card.

To:
NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

From:
NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Gift Card to read " from _____
(Use extra sheet for additional gifts)

Membership category preferred:

- Introductory Membership (first year only)/\$20
- Individual/\$30 Sr. Citizen-Individual/\$21
- Family/\$38 Sr. Citizen-Family/\$23
- Student/\$18

My check for \$ _____ is enclosed.

Bill me, please.

7XCH8

Local Chapter
Central New Mexico Audubon Society
Q51

7XCH8

Please make checks payable to National Audubon Society, but send your check with the application form to:

Central New Mexico Audubon Society
Claudia Gayheart, Membership Chair
510 Camino De La Sierra
Albuquerque, NM 87123

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Who to contact:

The President
The White House
Washington, DC 20500

Honorable Pete V. Domenici
Honorable Jeff Bingaman
United States Senate
Washington, DC 20510

Honorable Manuel Lujan, Jr.
Honorable Joe Skeen
Honorable Bill Richardson
House of Representatives
Washington, DC 20515

U.S. Fish and Wildlife Service
500 Gold Ave., SW
Albuquerque, NM 87102

Mr. Michael Spear, Regional Director
Mr. James Johnson, Endangered Species Chief
Mr. James Lewis, Whooping Crane Coordinator

New Mexico Department of Game and Fish
Villagra Building
Santa Fe, NM 97503
Mr. Harold Olson, Director
Mr. Wain Evans, Asst. Director
Mr. John Hubbard, Endangered Species

State Game Commission
Mr. Gerald Maestas, Chairman
Unit 1, Box 15
La Puebla Road
Española, NM 87532

Dr. Thomas Arvas, Member
9204 Menaul, NE
Albuquerque, NM 87112

CENTRAL NEW MEXICO AUDUBON SOCIETY
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Albuquerque, New Mexico 87190-0002

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