

THE RIO GRANDE
Sierran

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The White Sands Wilderness

We have in our State one of the most unique desert areas in the world -- unique because as far as we know, nowhere else in the world is there such an unusually beautiful creation of nature -- mile after mile of spectacularly white, glistening dunes of gypsum sand.

Efforts are being made to protect a least a part of this area by including it in the Wilderness System. A very important hearing is being held to discuss the question in Alamogordo on April 1, 1972. A Master Plan meeting will convene at 9 a.m., and The Wilderness Hearing itself at 1 p.m. Anyone wishing to testify at the hearing should notify the Hearing Officer, c/o Superintendent, White Sands National Monument, P.O. Box 458, Alamogordo, N.M. 88310 by March 29.

If you are unable to attend this meeting, please do write a letter containing your views, for the hearing record. Letters will be accepted up until May 1, 1972. It is critically urgent that as many letters as possible are sent for this record, so do sit down and write one -- now, if possible.

Points to emphasize in your letters are:

1. Urge the designation of 130,000 acres of wilderness within White Sands National Monument, as recommended by the Sierra Club.
2. Point out that wilderness designation of appropriate portions of White Sands would provide valuable additional protection for this unusual area, as well as increasing the diversity of the Wilderness System, which now contains a preponderance of high alpine areas.

These famous dunes making up White Sands National Monument in south-central New Mexico owe their existence to the persistent arid southwest winds which scour the gypsum-crystal encrusted marsh known as Lake Lucero, the remnant of an ancient sea where spear-shaped crystals several feet long mix with the rocks in long exposed formations.

Exceptional Beauty -- The Wind's Prerogative

The wind erodes these crystals, shifting the fine white sand into elongated dunes, 30 to 40 feet high and several hundred feet long. The sand then shifts into a second stage, transverse dunes of pure white gypsum, and finally into the more highly developed ecological situation among the parabolic dunes. Here, on the east side of the Monument, is the home of most of the animal life at White Sands. Many of the animals and reptiles have lost their original natural coloring, acquiring a protective coloring of snowy white, result of the long biological process of selection.

At present, there exists a 10-year agreement made in 1963 providing that the western portion of the Monument may be used by White Sands Missile Range for "controlled impact," or landing of missile and space material. Actually, many of the impacts occur outside this zone. However, when this does occur, personnel from the Range remove all debris, usually by helicopter, although occasionally ground equipment is required.

The shifting dunes do present problems, in that the sands are continually moving which occasionally requires the changing of the location of the roads

into the areas. However, this need to relocate the roads for military and visitor use can be easily handled, as there is no objection to a shifting boundary along these roads as long as the size and general shape of the excluded corridor does not change. In fact, this concept is no different from the flexible wilderness boundary set at the high-water mark on some islands now included in the Wilderness System.

Park Service Proposal vs Conservationists' Plan

The National Park Service has recommended against the designation of any wilderness area in White Sands National Monument because of the military use. However, the missile impacts, possibly from 10 to 50 per year, do not really effect the wilderness character of most of the area.

The shifting nature of the dunes rapidly obscures any evidence of such impacts; helicopters have almost completely taken over recovery operations; the roads into the areas will still shift, whether protected by wilderness designation or not.

The Sierra Club and other conservationists believe that a large portion of the Monument is suitable for protection as wilderness despite any military activity, asking for approximately 130,900 acres.

Although the Park Service has made it clear that they are not enthusiastic about having any of the Monument so classified, they have proposed two roadless areas to be designated as wilderness -- one of 113,500 acres, and the other of 5,200. This would result in the closing of a few minor roads which are rarely if ever used anyway.

The San Andres National Wildlife Refuge adjoins the southwest corner of the Monument, and it is possible that sometime in the future, the two units could be combined into one wilderness area.

The conservationists purpose in obtaining wilderness classification is to protect the White Sands from unwise development, either by the Park Service itself, the military, or from commercial exploitation. Without protection, dune buggies and motorcycles could easily ravage the present ecosystem.

What You Can Do To Help -- Now

Here is an opportunity at White Sands to preserve the stark beauty of an incomparable desert wilderness. The geological, biological, and scientific values of this area can only be adequately protected under wilderness classification.

A one-unit wilderness area of approximately 130,900 acres is recommended, with corridors for the three major roads into parts of the Monument. Boundaries should be the present monument boundaries and the edges of the flexible and shifting roads.

Please plan to attend the April 1 hearings in Alamogordo, and do, by all means, send your letter for the record -- before May 1st -- to the Superintendent, White Sands National Monument, P. O. Box 458, Alamogordo, N. M. 88310. Ask that your statement be included in the hearing record.

...John A. McComb



These two little pocket mice, contemplating possible food or building material, don't appear in the photo as white as they really are -- their coloring blends into the background of the dunes so perfectly that it would be difficult indeed to spot them in their natural habitat.

Photos Courtesy of the National Park Service

PRELUDE TO ANOTHER DUST BOWL DANCE?

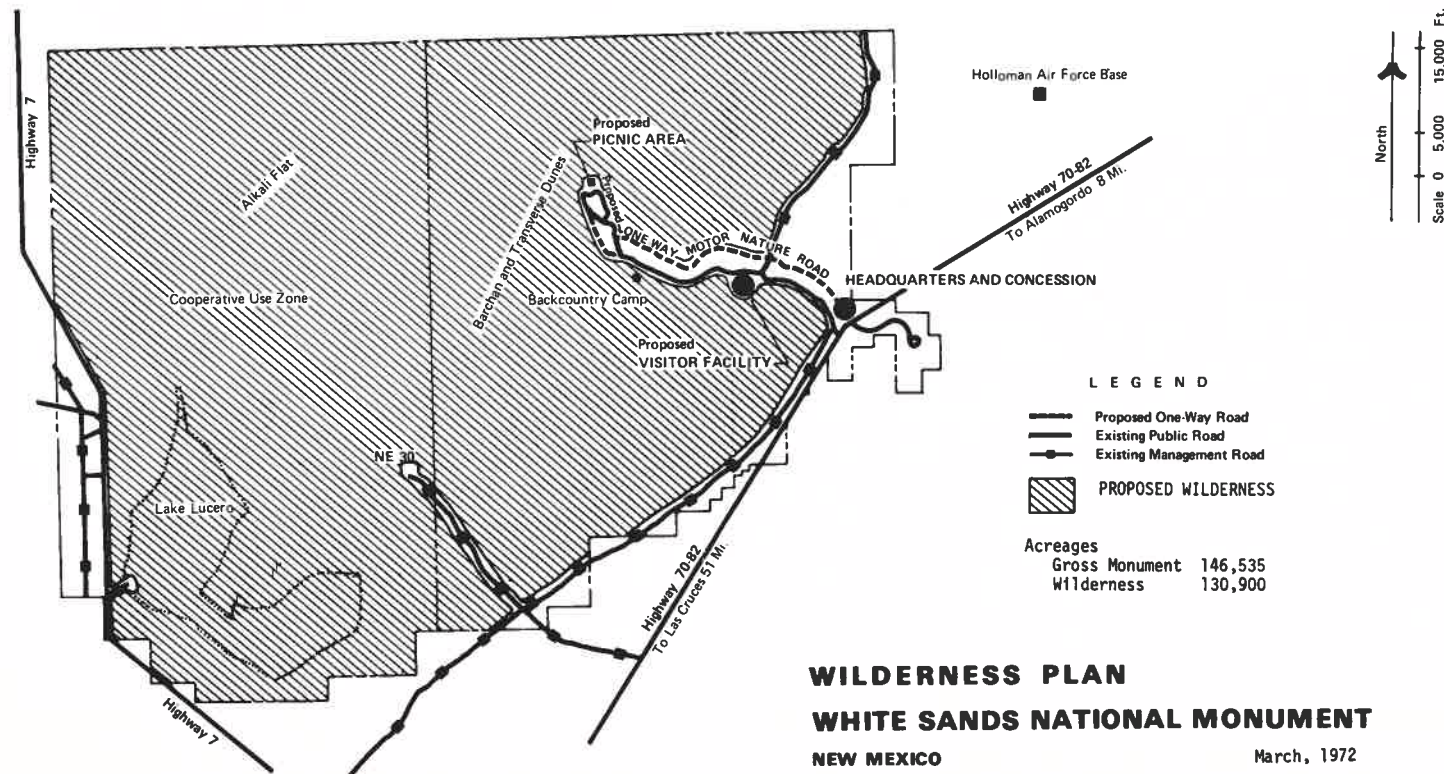
A recent news item from Oklahoma City: "A home-steading plan to help Oklahoma's poor has struck a responsive chord among America's adventurous... could lure back the so-called Okies who fled west in the Dust Bowl days..." said Jim Purdy, information officer for the Federal Office of Economic Opportunity.

This organization has hit upon the idea of buying up several thousands of acres of Oklahoma timberland, parceling it out in 10-acre tracts, and encouraging the takers to cut down the trees and plant grapes.

Purdy said that inquiries have been pouring in, "from those tired of the rat race, young college drop-outs, retired salesmen..." Poor folks, did he call them?

Oh, yes; although the land is now privately owned, "it will be paid for by revenue derived from homesteaders cutting timber and selling it for firewood..." (How many cords of wood would have to be cut down, sawed up, and split to pay for one acre of land these days? Of course Private Industry is said to be willing to furnish the saws, the state is said to be arranging for the equipment for clearing the land, and to provide the grapes -- but who'll provide the muscle and guts required to wrestle all that lumber, grub all those roots, and plant, feed, and water all those grapes?)

Oh, well -- 'spose they can go on Welfare like everyone else. And who could blame anyone for the Act of God that caused all the top soil to dry up and blow away just because there wasn't enough rain to make the vines take root and grow?



WILDERNESS PLAN
WHITE SANDS NATIONAL MONUMENT
NEW MEXICO
March, 1972

Chairman's Corner



Problems for conservationists are like dandelions -- they pop up everywhere, and they are hard to lick.

The Sierra Club is organized to fight the battles of ecology by using volunteer efforts, backed up by a professional staff. Our dues can't hire even a tenth of

the manpower needed, so volunteers must supply most of the work.

Your Executive Committee chose to set up the working groups named in another article in this newsletter, and we are asking for volunteers to make them effective.

Get involved! You'll enjoy it.

...Bob Watt



The best vacation in the world.

The incomparable voyage through the Grand Canyon in the graceful, silent boats:

Martin Litton's
GRAND CANYON DORIES

P.O. Box 5585
Stanford, California 94305

1971 - A YEAR IN REVIEW

To paraphrase Dickens, "It was not the best of times. It was not the worst of times..." It was just another year that was.

Perhaps the best thing about 1971 was the oil slick that hit Nixon's private beach. (Maybe now he knows what we're talking about.) It was the year SW Regional Forester Wm. Hurst said: "I will not yield to public opinion; that's why the Sandia Crest Highway will be built!" and Tribune Editor, Geo. Carmack, wrote, "How can these dedicated men of the Forest Service be called despoilers?"

It was 1971 when the Forest Service released an Environmental Impact "study" for the Elk Mt. Road which gave 86 beneficial points to the environment for building the road, and 81 adverse points if it was not built. (Ed. Note: Heads I win, tails you lose!)

A little bit of Vietnam came to New Mexico in 1971, when the Bureau of Reclamation hit Ranchers Mayo and Trotter with Agent Orange. (At least it wasn't napalm!) In 1971, residents east of the Sandias learned they'd soon be drinking their own sewerage. Bottoms up, folks!

A water shortage hit Santa Fe during the summer and the City rose to the occasion. To solve the problem, they quit serving water with meals in cafes. Colonias de Santa Fe development, however, went full speed ahead.

Growth continued to take the place of progress in New Mexico. Things were looking up in Albuquerque, though. In 1970 we lost the Alvarado, but in 1971 we gained a grain elevator. (They named it The Hilton.)

Albuquerque's smog levels were so high in December we couldn't see the gigantic signs being erected all over town. (Couldn't see the Sandias, either, but you can't have everything!) We couldn't quite catch up with L.A. but we did manage to raise our crime rate and smog level above that of Yosemite National Park.

Last year, Americans learned just now much their Air and Water Quality laws are worth. For example, when Harvey Aluminum dumped 8,760,000 pounds of oil, grease, cyanide, etc., into the Columbia River Washington residents found out that it did not violate their state's water quality standards.

1971 was the year that we environmentalists finally solved the air pollution problem -- we pasted ecology stickers on our automobiles. In July, a new neighbor moved in across from me. He had a passenger car, a pickup, a camper, a boat, and a Honda. Said he left Los Angeles to get away from the pollution.

It was during 1971 that industry and other critics began calling environmentalists "hysterical." Maybe we were hysterical from laughing too hard.

Have a nice year.

...Jack Kutz



Photo courtesy of Mike Murphey, Las Cruces Sun News

VOLUNTEERS URGENTLY NEEDED!

Volunteers from all over the state are needed to fill 14 working committees created by the Chapter Executive Committee at its February meeting.

"More and more people are joining conservation organizations to do something about the broad range of environmental problems generated by technological advances and land development," said Chapter Chairman Bob Watt in announcing formation of the committees.

"But membership dues alone can't pay for all the work needed to be done. In the Sierra Club, volunteers have traditionally contributed most of the work, and more are needed now."

Committee titles and their organizers are: Education, Adair Peterson of Albuquerque; Urban Problems, Mrs. Peterson; Recycling, Bob Lessard of Las Vegas; Fund Raising, Brant Calkin of El Rancho; Land Use, Brant Calkin; Governmental Contacts, Bob Watt of Los Alamos and Brant Calkin; Roads, Elmer Schooley of Montezuma, George Grossman of Santa Fe, and Gerry Bordin of Albuquerque; Chemical Pollution, Mike Williams of Los Alamos; Particulate Pollution, Joseph Devaney of Los Alamos; Outings, Kenneth Ewing, Dorothy Hoard, and Jim Morris, all of Los Alamos; Membership, Betsy Barnett of Los Alamos; Volunteers, Virginia Bell of Los Alamos; Wilderness, Bob Watt and Jim Morris; and Public Works, Devil Bill Adams of Las Cruces.

Everyone who would like to work on any of these committees should write or call the Volunteer Committee Chairwoman, Mrs. George I. Bell, 794 43rd St., Los Alamos, N. M. 87544; or the Chapter Chairman, Bob E. Watt, 1447 45th St., Los Alamos, N. M. 87544.

As you will note, many of these group organizers are from Los Alamos, Albuquerque, Santa Fe, and other areas in the northern part of the state. We urgently need more help in other parts of the state -- so please let us hear from you!

...Lore Watt

THE NEW MEXICO STATE BOARD of Economic Development met in Las Cruces in January for the purpose, among other things, of "establishing a commission to study the possible purchase of the 480,000-acre Vermejo Park Ranch."

At that time it was not reported that much of the timberland is already under contract to Pacific Lumber, and the mining areas to Kaiser Mining. However, Fabian Chavez, Director of the Dept. of Development tourist division, stated that "...the \$26 million purchase price could be offset through the sale of about 200,000 acres of prime grazing land, and more than \$3 million in coal deposits on the ranch."

Shown here (left to right): Robert Telles, Governor Bruce King, William Simms, Billie Holder, and Robert Weil.

NEW MEXICO'S ECONOMIC UN-DEVELOPMENT

Many Chapter members may be unaware of the degree of economic undevelopment which is widespread in New Mexico. The map reproduced on the next two pages, with the specific information as to employment, should show the seriousness of poverty and unemployment conditions around the State.

Environmentalists who wonder why such polluting industries as pulp mills and refineries are welcomed in some areas must not lose sight of the fact that under sufficiently desperate economic conditions, even false promises are better than none.

If we are successful in preparing New Mexico for the environmentally acceptable jobs which we prefer, the lag in industrial and urban growth may turn out to be a blessing in disguise. It is much easier for the State to make long-range planning effective if it doesn't have to disestablish a mess like the one in Southern California.

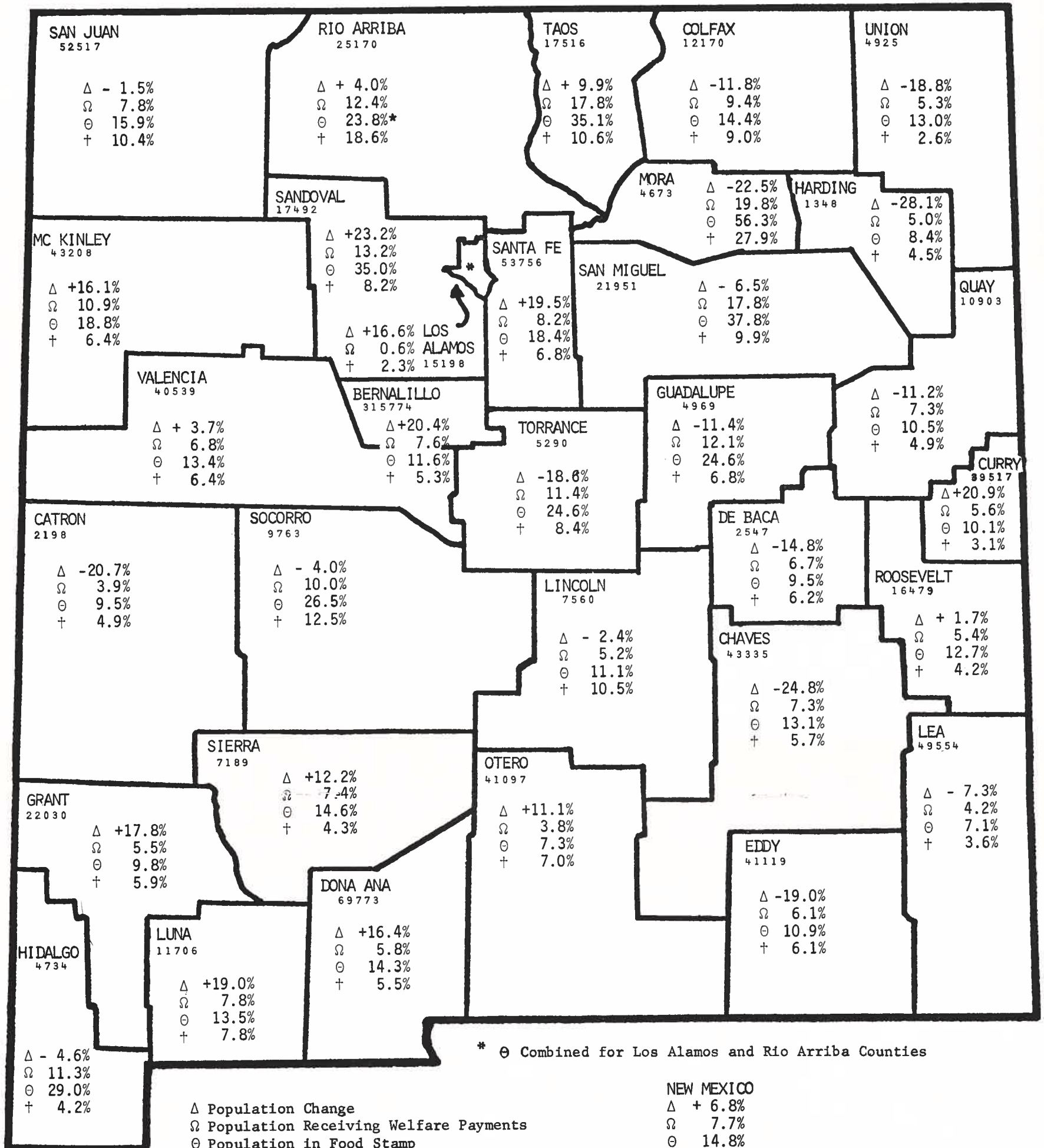
I hope that our Chapter members will not overlook the impetus that current economic conditions lend to environmentally unsound development.

...Brant Calkin

RIVER TRIPS

4-Day YAMPA-GREEN \$125.00	SPECIAL GROUP RATES
5-Day M-FK SALMON \$195.00	
5-Day MAIN FK SALMON \$195.00	
4-Day CATARACT CANYON \$175.00	
8-Day GRAND CANYON \$295.00	
WORLD WIDE RIVER EXP. 2982 Metropolitan Way Salt Lake City, Utah 84109 (801) 467-6426	

NEW MEXICO'S ECONOMIC STATUS



NEW MEXICO
 Δ + 6.8%
 Ω 7.7%
 Θ 14.8%
 + 6.5% (7.2% seasonally adjusted)
 1,016,000 State Population

Small Figures 1970 County Population

	Civilian Workforce		Employed		Under-Employed		Unemployment	
	No.	%	No.	%	No.	%	No.	%*
New Mexico	381,800	100.0	357,800	93.7	39,000	10.2	24,000	6.3
Anglo	263,000	100.0	252,500	96.0	20,400	7.8	10,500	4.0
Spanish-Surname	93,400	100.0	83,300	89.2	13,700	14.7	10,100	10.8
Indian	18,300	100.0	15,700	85.8	3,600	19.7	2,600	14.2
Negro	7,100	100.0	6,300	88.7	1,300	18.3	800	11.3

BOARD OF ECONOMIC DEVELOPMENT

Governor Bruce King, Chairman
 Dist. 1 Clair Gurley Dist. 4 Dr. I. D. Johnson
 Dist. 2 Robert Weil Dist. 5 Robert G. Tellez
 Dist. 3 Hickum L. Galles Dist. 6 Billie Holder
 At Large Louis M. Whitlock & Augustine T. Vau
 William C. Simms, Director
 Department of Development
 113 Washington Avenue
 Santa Fe, New Mexico 87501

*Unadjusted
 Note: Underemployment is figured as a percent of the total workforce.
 Source: Employment Security Commission of New Mexico; as of May 1971.

SOURCES: *Population Change*: U. S. Bureau of the Census, 1970 Census of Population and Housing. *Population Receiving Welfare Payments*: New Mexico Health and Social Services Department, March 1971. *Population in Food Stamp or Commodity Programs*: New Mexico Health and Social Services Department, March 1971. *Unemployment*: Employment Security Commission of New Mexico, December 1970.
 Prepared by: Bureau of Business Research, ISRAD, The University of New Mexico.

WILD FLOWER OUTING SCHEDULED FOR JULY

A rare opportunity for nature lovers to enjoy "the flowers of the tundra" and other wild flowers of the Sangre de Cristo is coming up soon! Mrs. Elmer ("Gussie") Schooley, an expert on these flowers, will lead a group from Taos Ski Valley to Wheeler Peak on Sunday, July 9th. The alpine and sub-alpine flora in this area is rich, varied, and usually at its height at that time.

Nature lovers who have always "merely separated flowers into blue ones and yellow ones" can learn their personalities and names on this outing. For further details, write Mrs. Elmer Schooley, P. O. Box 5, Montezuma, N. M. 87731.

FUND RAISING LETTERS HAVE BEEN MAILED

Mailing of the fund-raising material to Chapter members has been completed, according to Brant Calkin, Chairman. This year's effort is to pay for the activities of the Chapter's professional lobbyist, and for the lawsuit to clean up the Four Corners Power Plants.

Contributions for the lobbyist are not tax-deductible, but contributions for the lawsuit are, if the checks are written to "Frontera del Norte Fund."

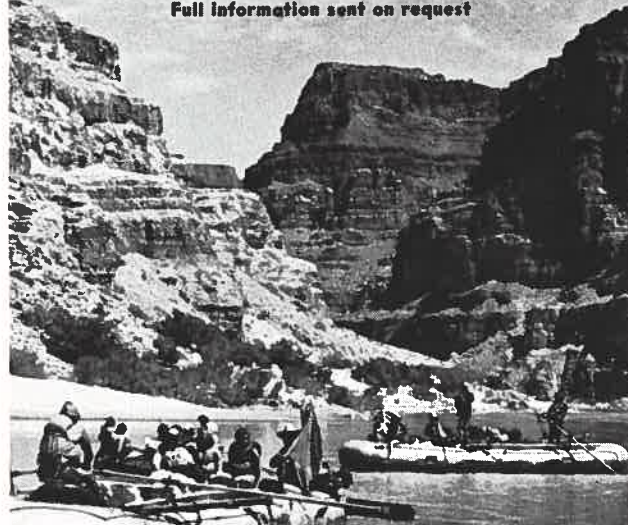
Chapter members are urged to use the return envelopes they received to give their friends a chance to contribute. Additional envelopes may be obtained by writing to Brant at 338 E. DeVargas, Santa Fe, or by calling him at 982-4349.

**MORE POWER
for OAR POWER!**

"When your spirit cries for peace come to the world of canyons deep in an old land. Feel the exultation of high plateaus, the strength of moving waters, the simplicity of sand and grass, and the silence of growth." August Fruge

GRAND CANYON (Oar Power and Streamline); Northwest Rivers—SALMON, ROGUE; Canyon Rivers of Utah—GREEN AND CATARACT; California's STANISLAUS. 2 to 12-Day Trips Every Week—Spring, Summer, Fall. Family and Group Rates.

Full information sent on request



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(415) 465-9355



"Rowing (?) Down The River" was the name of the game last year. Here Anne Terrell, Dennis Gill, and Boatman Bob Watt brave the elements in their trusty little rubber boat. Looks wet, but fun!

WHITE ROCK CANYON RIVER RUN

The Rio Grande Chapter's annual White Rock Canyon River Run is scheduled for Sunday, May 21, 1972. The all-day trip by rubber raft will go down the Rio Grande from Otowi Bridge on State Road 4 through the exciting rapids in scenic White Rock Canyon to the placid water above Cochiti Dam north of Cochiti Pueblo.

Passenger space is limited, and previous trips have been over-subscribed. In addition, low water last year caused several boatmen to take smaller boats, so some confirmed reservations had to be cancelled. Consequently, passengers will be accepted this year on a priority schedule, as follows:

1. Persons whose reservations last year were cancelled;
2. Persons who applied last year but could not be carried because of lack of space;
3. Persons who have not been on a previous White Rock trip;
4. Persons who have been on a previous White Rock trip.

Subject to the priorities above, the available spaces will be offered on a first come, first served basis. To give all an equal chance, requests will not be accepted prior to 5 p.m. April 23, '72. Letters received earlier will be counted as arriving at that time, and opened in random order.

Children may be accepted if they are capable of swimming ashore in the event that a boat capsizes. None of the boats have flipped while carrying passengers, but it could happen.

The trip fee is \$6 per person. A bus fee of \$3 per person will be charged those who use the bus transportation from the take-out point at Cochiti Dam back to the launching site near Otowi Bridge. The bus will stop for supper at Furr's Cafeteria in Santa Fe.

Reservation requests should be sent to:
Bob Watt, River Trip Leader
1447 45th Street
Los Alamos, New Mexico 87544
Phone: 662-3728

Detailed trip information will accompany the acceptance notification.

PUBLIC HEARINGS SCHEDULED ON ROADLESS AREAS

The U. S. Forest Service is planning a series of public meetings to sample the average man's opinion concerning "the proper" uses of many roadless areas which may qualify as Wilderness.

A list of dates and places follows -- THESE MEETINGS ARE CRUCIAL -- Please do plan to attend as many as possible and speak up on behalf of our disappearing wild lands.

About a million acres of New Mexico land may be excluded from the Roadless Rule. The Forest Service does not write less a

The Cl survey largeveys will protect progress or less

In New Mexico the State and State Detail W.S.C. Alamo

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Date
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- a. day hikes, of varying degrees of difficulty;
- b. family overnight carcamps;
- c. weekend backpack trips of varying degrees of difficulty;
- d. longer backpack trips;
- e. hikes into areas where there are special conservation problems;
- f. occasional educational hikes led by leaders with special knowledge of such things as geology, wildflowers, archeology, birds, etc.;
- g. river trips;
- h. Is there a special-purpose trip you would like to lead? If so, what?

2. I would be interested in Rio Grande Chapter-sponsored outings, particularly the following:

1. I think outings opportunities offered by other New Mexico organizations are adequate.

Because other New Mexico organizations have well-developed outings programs, the Rio Grande Chapter has never offered an active outings program. Do you feel a change is desirable?

botany
chemistry
ecology
hydrology

law
lecturing
photography
physics

typing
zoology
other

WHAT'S YOUR BAG?

RECYCLING CENTERS SET UP BY ALBUQUERQUE'S WASTE WATCHERS

Finally there are actually places that do recycle things -- listed below are a few of the places. For the whole story on recycling, call 255-3003 or 266-1944 in Albuquerque. In the meantime, the Waste Watchers have arranged the following:

GLASS: (rinsed and separated by color, with all metal removed) can go to the RC Bottling Plant, 1506 Candelaria NE or to Tijuana Taco, 1330 Lomas NE or 2308 Eubank NE. And taco lovers take note -- TT will even give you 5¢ per lb. credit (up to 50¢) toward your next purchase!

NEWSPAPERS: (at last!) can go to the Animal Humane Assoc., 615 Virginia St. or to a local pickup point (ask your local grocer).

ALUMINUM CANS & COORS BOTTLES: Maloof & Co., 830 Broadway NE, pays 10¢ a lb. for aluminum cans, and 1¢ ea. for Coors bottles. Hours are 8-5 Mon. thru Fri., 8-12 Sat.

CORRUGATED CARDBOARD: Allied Materials, 1621 Williams SE, pays \$10 per ton from 8 to 4 (you can probably accumulate this easily in a month!).

OLD TIRES: Albuquerque Tire Corral, 2113 Second NW, will take 'em.

RECORDS: Brothers' Music Co., 1831 Central NW, recycles records (also see CLASSIFIED ADS herein...).

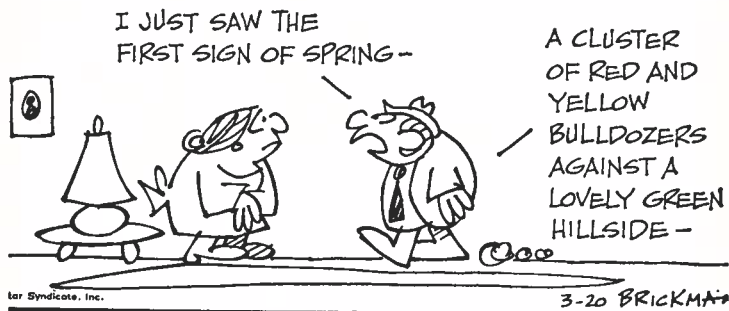
And the Waste Watchers say "Anything you have left (almost) we'll take for our flea market. Call us at 255-3003 or 266-1944."

(...and speaking of recycling, howkum someone hasn't yet devised a method of separating out the bath water from other sewage so that it may be used on trees and other greenery?

(Those of us lucky enough to have a little ground around our homes need trees -- trees need water -- water costs money, and is becoming scarce. Some folks "waste" millions of gallons in daily (--even weekly!--) showers, and seems to me that this really ought to be diverted into oxygen factories -- trees! Anybody got any ideas about this?

(And I hear that they're even considering Perforated Paving now, so that the ol' Asphalt Jungle may be made to give back a little of that wasteful runoff!)

THE SMALL SOCIETY By Brickman



Courtesy of the Albuquerque Journal

WILDERNESS DEADLINE ALMOST UPON US!

Environmentalists are facing a June 2nd deadline on all the remaining roadless areas under Forest Service jurisdiction, regarding identification of these areas for possible wilderness study and later inclusion in the wilderness system.

The chainsaws, bulldozers, and four-wheel drive vehicles are waiting for this date to swarm into many such areas, and preclude the possibility of their consideration as wilderness.

This arbitrary date is totally unrealistic in view of the enormous number of man-hours necessary to properly field study these areas for recommendation, especially since many of the northwestern areas will still be under heavy snow cover right up to the cut-off date.

We urge you to help in the field work, and to write letters of testimony from this and prior field knowledge. And most important, write to your Congressmen and Senators, and to the President of the United States asking that this deadline be extended for at least one year, and preferably longer.

Send copies of your letters to your Sierra Club Chapter and to The Wilderness Society. We are being asked to make in a few months time decisions that will effect the well-being of our eco-system for eternity.

...Devil Bill Adams

SYMPOSIUM WILL CONSIDER TRAILS FOR SPECIAL GROUPS

On April 29, 1972, a New Mexico Trails Symposium will be sponsored by the UNM Center for Leisure and Recreation to discuss both already established and proposed trails, with emphasis on special purpose groups. Headed by Dr. E. A. Scholer, with Assistants Det Wegener and Bryan Williams, the group will present short Position Papers during the morning session, with discussion groups considering the special problems involved during the afternoon.

Some of the special trails being considered are for horsemen, hikers, cyclists, off-road vehicles, urban groups, blind and physically handicapped, fishermen and hunters, as well as bird watchers, spelunkers, rockhounds, and flower enthusiasts. Brochures on many of these special groups will be available for the afternoon discussion groups.

Our Cutting Organizers, Ken Ewing, Dorothy Beard, and Jim Morris, will probably have more to tell us about the results of this Symposium in our next issue.

DEMOCRATS PASS ENVIRONMENTAL RESOLUTION

The following Resolution, plus five of the usual "WHEREAS-es", was passed unanimously by the Dona Ana County Democratic Party at their Convention on Friday, 17 March 72. It is mostly God, Mother, and Apple Pie, but note the final "AND BE IT FURTHER RESOLVED . . ."

"A RESOLUTION creating a statement of concern on the quality of life as determined by the quality of our environment: . . .

"NOW THEREFORE BE IT RESOLVED by the Democratic Party of New Mexico that we call on ALL the people of New Mexico to:

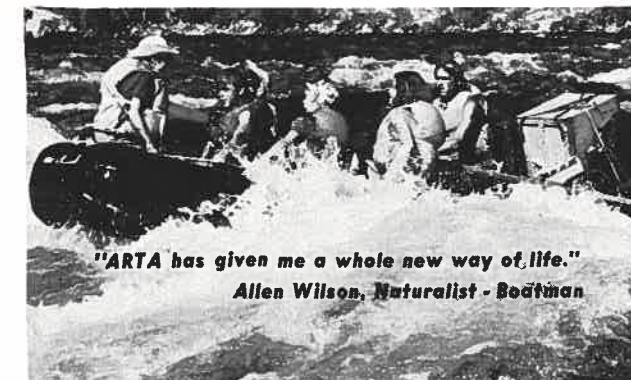
- Conserve our State's resources;
- Preserve and enhance our air and water quality, based upon this State's past record of air and water purity;
- Manage the land more wisely by the preservation of agricultural, open space, and wild lands, based upon the land's natural productivity and uses;
- Improve the environmental quality of urban areas to insure safe, healthful, and pleasant living conditions;
- Promote environmental education and responsibility of all people in New Mexico;
- Develop means to anticipate and to develop solutions for emerging environmental problems;
- Determine and maintain optimum population level; And to restore those portions of our environment which have already suffered damage.

"AND BE IT FURTHER RESOLVED that the Democratic Party of New Mexico will use its good offices to insure that the aforementioned goals are achieved, by urging:

- The appropriation of funds to develop a system of pollution detection;
- Establishment of standards and limits of pollution, and passage of regulatory legislation with appropriate fines and penalties for violators;
- And appropriation of funds for the enforcement of these standards.

"IN ADDITION, we urge the early passage of legislation regulating integrated state-wide land use and water use, since these factors are inseparable." We hope to bird-dog this through the State Convention, and ask for a roll call if it is defeated.

...Devil Bill Adams



"ARTA has given me a whole new way of life."
Allen Wilson, Naturalist - Boatman

ALL RIVER TRIPS ARE NOT THE SAME!
Learn how to tell them apart.
Write or Call ARTA for the facts.

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5% DISCOUNT FOR SIERRA CLUB MEMBERS
American River Touring Association
1016 Jackson St., Oakland, CA 94607
(415) 465-9355

HERE'S THAT RECIPE FOR GRANOLA YOU ASKED FOR...

We had several requests to reprint a recipe for Granola that appeared in the Loma Prieta newsletter, but couldn't find it. So we asked our very efficient County Agent, Mrs. Nancy Riley, to hunt us up one, and here it is:

- 1/2 cup butter or marg. 1/4 tsp each:
- 1 tbs Worcestershire sauce celery salt
- 1 c toasted oat cereal seasoning salt
- 2 c ea.: cayenne pepper
- bite sized shredded rice onion salt
- " " " wheat garlic salt
- " " " toasted corn cereal
- 1 c very thin pretzel sticks, broken up
- 1/2 c shredded almonds or other nuts

Heat oven to 250°; melt butter; add seasoning; mix all other ingredients together thoroughly; bake in fairly shallow pan for about an hour, stirring occasionally. Cool, and store in covered containers. Makes about two quarts, and keeps for a couple of months or so in a cool place. Spoon into individual plastic bags for use on hikes, boat trips, or whatever.

(Some folks leave out the garlic, onion, add popcorn or crackerjack and raisins)

IT'S THAT TIME AGAIN -- Earth Day is April 22nd.
Earth Week is April 17th through 22nd.
What will we be doing about it? Check with your local groups, and let yourself be heard!

* * * * *

THE SOUND OF SILENCE . . . and the music of the water:
you can hear them on our oar-power river trips.

The Grand Canyon, Middle & Main Salmon, Rogue, Tuolumne, American, Stanislaus.



WILDERNESS WORLD
1342 Jewell Avenue
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OLD RECORDS: Before recycling 'em, we'd like to tape any jazz oldies, 78s especially -- our hobby. Also like to swap tapes; will refund postage. Kay Ammons, Organ, N. M. 88052

THE SIERRAN is published six times a year by the Rio Grande Chapter, Sierra Club.

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Box 146, Organ, N.M.

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THE WILDERNESS SOCIETY SEMINAR

Bob Barto from the El Paso Group, Devil Bill Adams from the Mesilla Valley Group, and eleven other environmentalists were guests of The Wilderness Society at a recent five-day seminar in Washington, D. C.

The emphasis of the session was directed at influencing wilderness bills through the maze of executive and legislative processes, but the knowledge and techniques involved are applicable to all environmental legislation.

A full report of the many stimulating ideas that were brought out during these meetings will be included in the next issue of this news letter, as they may be helpful in planning individual and group citizen actions.

...Devil Bill Adams

HAVE YOU MAILED YOUR BALLOT FOR THE NATIONAL ELECTION?

...If you haven't, by all means get on the ball -- ballots must be received in San Francisco no later than noon, April 8, 1972! (That's the ballot for the national election of the Sierra Club Board of Directors, that is...)

ADMISSION FEE AND DUES:

Admission fee, \$5. per person; or per family, when members of an immediate family apply at the same time. Admission fee waived for full-time students; please supply name and location of school.

	Dues	Admission	Total
Regular	\$15.00	\$5.00	\$20.00
Spouse	7.50	5.00	12.50
Junior (12 to 21)	5.00	5.00	10.00
Supporting	25.00	5.00	30.00
Contributing	50.00	5.00	55.00

Dues are for one year's membership and renewal notices will be sent annually. Dues include subscription to Sierra Club *Bulletin*.

SIERRA CLUB, 220 Bush St., San Francisco 94104 Date.....

I have informed myself about the purposes of the Sierra Club and wish to support them. I hereby apply for membership and enclose \$..... as admission fee and dues, which will be refunded if I am not elected.

Signature of Applicant

Print Name ^{Mr.}.....
^{Mrs.}
^{Miss}

Print Mailing Address

..... Zip Code

Tel. No. If under 21, give date of birth

THE RIO GRANDE SIERRAN

Mrs. Kay Ammons, Editor
Post Office Box 146
Organ, New Mexico 88052

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SOUTHWEST WILDLANDS
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2014 E. Broadway
Tucson, Ariz. 85719

IV. Other Sierra Club chapters hold monthly meetings for the general membership. Programs include slide programs of outings, slide programs illustrating local conservation problems, speakers from local agencies involved in environmental management; occasional visits from Sierra Club staff and Board members. The Rio Grande Chapter Executive Committee would like to determine how much interest there is in general meetings in any population centers where membership may be large enough to support regularly scheduled programs.

I would attend general meetings in my locale

___ 1. regularly ___ 2. sometimes 3. ___ probably rarely

V. I have time to contribute to the following:

1. newsletter production (members who live in Las Cruces)
___ a. typing ___ c. assembly and mailing
___ b. layout ___ d. articles (from any part of the state)
2. ___ telephone chain for the purpose of relaying urgent conservation messages;
3. When the need arises, I would like to be contacted to send
___ a. letters to congressmen, legislators, agencies;
___ b. telegrams or public opinion messages (POM's 15 words to any elected official for \$1.00)
4. ___ Program arrangements (would involve lining up speakers for general meetings, greeting and introducing them at meetings, etc.)
5. I can attend hearings
___ a. I am willing to give statements as an individual;
___ b. I am willing to attend hearings in order to show concern, without giving a statement.

VI. Two sources of income important to the Sierra Club come from membership (new members and particularly renewed memberships) and publications. Exhibit format books, paperbacks, calendars, posters, notepaper, etc., are available to members at reduced rates and make excellent gifts to family, friends, alma maters, libraries, etc. We would like to find volunteers throughout New Mexico who would be willing to sell these materials and/or take charge of distributing materials to members in their district. The Chapter is arranging for a consignment of a variety of these materials in order to make them available more rapidly.

- ___ 1. There are a number of items I am interested in purchasing myself;
2. I would be willing to help in publication sales
___ a. as an individual
___ b. by taking charge of distributing materials to members in my area..

VII. Other comments and suggestions:

The following questionnaire is submitted to you in an effort to determine the desires of the Rio Grande Chapter membership. Your response will be of great help to the Executive Committee in designing chapter programs and in better utilizing members' talents and energies. Please fill in the questionnaire as completely as possible and return it to Betsy Barnett, 4269 Ridgeway, Los Alamos, N.M. 87544.

Name _____ Tel. _____

Address _____

I My reasons for joining the Sierra Club include:

- ___ 1. My membership represents financial support of the Sierra Club's programs, but it is difficult for me to participate actively.
- ___ 2. I am interested in learning more about
 - ___ a. national conservation problems.
 - ___ b. local conservation issues.
- ___ 3. I am interested in outings.
- ___ 4. I enjoy social contact with people whose interests are similar to mine.
- ___ 5. Other _____

II My professional background and/or avocations and abilities which could be useful to the Sierra Club include:

___ archeology	___ journalism	___ teaching
___ botany	___ law	___ typing
___ chemistry	___ lecturing	___ zoology
___ ecology	___ photography	
___ hydrology	___ physics	other _____

III. Because other New Mexico organizations have well-developed outings programs, the Rio Grande Chapter has never offered an active outings program. Do you feel a change is desirable?

- ___ 1. I think outings opportunities offered by other New Mexico organizations are adequate.
- 2. I would be interested in Rio Grande Chapter-sponsored outings, particularly the following:
 - ___ a. day hikes, of varying degrees of difficulty;
 - ___ b. family overnight carcamps;
 - ___ c. weekend backpack trips of varying degrees of difficulty; ___ longer backpack trips;
 - ___ d. hikes into areas where there are special conservation problems;
 - ___ e. occasional educational hikes led by leaders with special knowledge of such things as geology, wildflowers, archeology, birds, etc.;
 - ___ f. river trips;
 - h. Is there a special-purpose trip you would like to lead? If so, what? _____