

# NMOS BULLETIN



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SOCIETY

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## **New Mexico Ornithological Society 42nd Annual Meeting Information**

The **42nd Annual Meeting** of the New Mexico Ornithological Society will be held Saturday 3 April 2004 at the **Airport University Inn**, 1901 University Blvd. SE, Albuquerque. Registration will begin at 8:30 a.m., and the Business Meeting and Election of Officers will be from 9:00-9:50 a.m. **Dr. Kris Johnson**, Director of Natural Heritage New Mexico, will chair the paper sessions from 10:00 a.m. till noon and 1:30 to 5:00 p.m. A Call for Papers appears in this issue of the *Bulletin*. A banquet buffet, featuring salmon, beef, chicken, and vegetarian entrees, will begin at 6:30 in the ballroom at the Airport University Inn. The Inn has a restaurant that is available for lunch; in addition, there are many local restaurants in the area. The Inn also has a lounge where drinks can be purchased. For those interested in staying at the Airport University Inn (505-247-0512), a special rate of \$59 per night is available. Other amenities include an airport shuttle and a swimming pool.

The Nominating Committee, Sartor O. Williams III (Chair), Steve Cox, and Jim Travis, has submitted the following **Slate for Officers and Directors**, to be voted upon at the 42nd Annual Meeting in Albuquerque, Saturday 3 April 2004:

for President: Bill Howe

for Vice President: Dave Krueper

for Secretary: Nancy Cox

for Treasurer: Jerry Oldenettel

for Directors (alphabetically): Bruce Neville, Tim Reeves, Roland Shook

The evening speaker, **Dr. Terry Root** of Stanford University, will speak at 8:00 p.m. in the ballroom of the Inn. The title of her talk is "**The Globe is Warming, but Many Birds Aren't.**"

Field trips for Sunday morning, 4 April, will be announced at the meeting. They will include a visit to the Bird Division of the Museum of Southwestern Biology at the University of New Mexico at 10:00 a.m., led by Bob Dickerman and Andy Johnson.

Registration for the meeting is \$10, and \$5 for students. The banquet is \$23 per person. It is not necessary to attend the banquet in order to attend the talk. A registration form for the meeting and the banquet can be found in this issue of the *Bulletin*. **Please send reservations to Bo West at 10 Kachina, Los Alamos, NM 87544 (505-662-7343).**

**New Mexico Ornithological Society**  
**42<sup>nd</sup> Annual Meeting**  
**CALL FOR PAPERS**

The 42nd Annual Meeting of the New Mexico Ornithological Society will be held Saturday, 3 April 2004 at the Airport University Inn, 1901 University Blvd. SE, Albuquerque. Oral presentations will be allotted 15 minutes, with an additional five-minute period for questions. Poster presentations are also encouraged. Presentations may range from technical reports on original research to general observations.

Please submit an abstract in the following format:

A NEW SPECIES OF EAGLE FROM MT. DOOM, MIDDLE EARTH.  
Baggins, F. and S. Gamgee, Department of Ornithology, University of Central  
New Mexico, Birdsville, NM 88666. While on expedition to Mt. Doom,  
Middle Earth, we observed six individuals of a new species of eagle, *Aquila*  
*gihugis*...

Please e-mail a copy of your abstract. Include the entire abstract in the body of your e-mail, not as an attachment, to prevent problems with incompatible word processing formats.

- \*\* Limit abstracts to 300 words.
- \*\* E-mail abstracts no later than 15 March 2004 to [kjohnson@unm.edu](mailto:kjohnson@unm.edu).
- \*\* Indicate whether your abstract is for a poster or a talk.
- \*\* Indicate what type of audio-visual projection you will need (PowerPoint projection, overhead, etc.)

***Only if you have no access to e-mail***, you may mail a copy of the abstract, postmarked no later than 10 March, to:

Kristine Johnson  
Natural Heritage New Mexico  
Biology Department, University of New Mexico  
167 Castetter Hall, MS 03 2020  
Albuquerque, NM 87131

Abstracts will be distributed at the meeting and will be published in the *NMOS Bulletin*.

## 2002 NEW MEXICO NORTH AMERICAN MIGRATION COUNT RESULTS

STEVE WEST

1105 Ocotillo Canyon, Carlsbad, NM 88220

With the 2002 North American Migration Count (NAMC) in New Mexico we have passed into the beginning of the second decade of results. This 11th year provided many new finds as well as continuing information on regularly occurring species. The primary goal of the NAMC is to provide "a picture in time" of migration on the same day across the United States and Canada. The day chosen for this activity is always the second Saturday in May. The count is patterned after a variety of other bird census techniques including Christmas counts, Big Day Counts, and other volunteer-powered surveys. One striking difference is that the NAMC takes place on a single day across the continent and that the survey area is determined by county or parish boundaries. The results are a valuable addition to what we know about bird migration, distribution, and population dynamics. While the surveys give us valuable information about migrants, all birds are counted, and population trends in resident species can be tracked as well. On a continent-wide basis, the NAMC provides researchers valuable information about neotropical migrants and their movements. With 11 years of data for many areas across the continent, this information grows in value each year.

The 2002 count occurred on Saturday 11 May 2002. While coverage has declined somewhat in recent years, there is still coverage of large sections of the state. In 2002, 22 counties participated, down one from 2001. The all-time high participation was 24 counties in 1999. In 2002, McKinley and Sierra Counties were lost from the 2001 tabulations. Lincoln County was added to the 2002 count after having been absent for a few years. Sixty-seven percent of all counties had some degree of coverage.

Although large portions of each county remain uncovered, or at least under-covered, the 22 counties that participated on 11 May 2002 accounted for 61% of the surface area of the state, compared with 65% in 2001. While participation in all counties would be ideal, and all counties can use more coverage, the 2002 results still provide us with a sample of what happened on a given Saturday in May.

An important item that must be considered when interpreting the data gathered in these surveys is the lack of observers, resulting in under-coverage in many areas. Coverage can be improved, even in those areas that have good participation. Participation on the east side is weak, with only Roosevelt and Lea Counties participating. Some areas of the state, including Catron, Cibola, and Curry Counties, have never participated.

Table 1 summarizes the 2002 results by county. In 2002, 13 counties had higher species totals than in the previous year, while 8 had lower numbers. In terms of individuals, 16 counties had higher totals than in 2001. Many observers from across the state reported continuing problems with wind, drought, and even impacts of the Jemez Fire. In spite of all this and having a net loss of one county, the number of total species dropped by only 4, from 311 to 307, but the number of individuals was up by almost 10,000, for an increase of almost 16%. The number of unique

species dropped slightly from 53 to 51, party-hours dropped by 11%, party-miles dropped by 32%, and total observers also dropped by 6%. With just over 500 species verified in New Mexico, this means that on one Saturday in May, over 60% of all those species were found somewhere in New Mexico.

Table 2 illustrates the growth of the New Mexico NAMC from 1992 to the present. As in previous years, the best coverage comes from areas where there is a good population base: Bernalillo, Chaves, Doña Ana, Grant, San Juan, and Santa Fe Counties. Because of the dedication of a few individuals, however, we are also getting excellent coverage away from population centers: Colfax, DeBaca, Guadalupe, Hidalgo, Lea, etc. The result of all this is fairly good statewide coverage for this survey.

Participation continues to be a major factor in coverage, and participation is still much less than on the longer-established Christmas Bird Counts. Table 3 compares the 2002 NAMC results with the most recent Christmas Count results (2001-2002). While the counts are done under very different conditions of weather, bird activity, food availability and other factors, it is still interesting to compare the two sets of results. With 7 fewer counts, the NAMC found 95 more species, but over 280,000 fewer individuals. NAMC counts averaged 107 species compared to a Christmas Count average of 76, but had less than half as many party-hours. The number of party-miles was similar, with 5,600 for the Christmas Counts and just over 5,000 for the NAMC. There were over 2.5 more field observers for the Christmas Counts than for NAMC, with 503 versus 182.

This year Socorro had the highest count with 204 species, followed by San Miguel with 192 and Grant with 189. Grant had the highest number of individuals with over 9,000, followed by San Miguel with 8,369 and Chaves with 7,374. Three counties tied for the highest number of unique species with 9: Eddy, Grant, and Socorro. Grant County as always had the highest number of high counts with 80.72, with Socorro at 41.22, San Miguel with 40.1, and others trailing far behind. In many instances there was a tie in the high count for an individual species. In tabulating this, this often resulted in a fractional number. If two counties had the same number of Ross's Goose, for example, each county would be marked as 0.5 for that species; if three counties tied, each county would be marked as 0.33 for that species and so on.

Five species were found on all the counts: Turkey Vulture, Mourning Dove, Western Kingbird, Northern Mockingbird, and Brown-headed Cowbird. Eight species were found on all but one count: American Kestrel, Killdeer, Barn Swallow, White-crowned Sparrow, Great-tailed Grackle, Bullock's Oriole, House Finch, and House Sparrow. A number of unusual species were found on count day and some of them are discussed in the county accounts that follow. These include Common Loon, Glossy Ibis, Bald Eagle, Common Ground-Dove, Broad-billed Hummingbird, Calliope Hummingbird, Rufous Hummingbird, Elegant Trogon, Carolina Wren, Hooded Warbler, McCown's Longspur--and the first state nesting record of Mexican Chickadee!

The 2003 count took place on 10 May 2003, and the results of that count will appear in a future issue of the *NMOS Bulletin*. The 2004 count will take place on 8 May 2004. Individuals interested in taking part in an already established count or in initiating a new count in an area not currently covered are urged to contact the author at the above address or one of the county



compilers, a list of whom with telephone numbers and email addresses will be posted to the NMOS Website (<http://www.nmosbirds.org>) in April.

Table 4 presents the complete species list by county for the 2002 count. Highlights are summarized here by count.

**Bernalillo County.** Bernalillo County increased from 94 to 113 species. No unique species was found, but high counts for two were recorded. Good numbers of passerines were found, and few species in that group were missed. Few shorebirds were found, but all other groups were well represented.

**Chaves County.** Chaves County dropped from 118 to 92 species, with corresponding drops in other categories. Several local birders were unable to participate on count day, and this, plus high and variable winds, hampered the results. Only one unique species (Ringed Turtle-Dove) was noted, and high counts were recorded for 19.3 species, the fifth highest among the 22 counties.

**Colfax County.** Percentage-wise, Colfax County increased the most in terms of species over the previous year. One hundred thirty-five species were found in 2002, compared with 72 in 2001, for an increase of 88%. The number of individuals increased by about 10%. Three unique species (Common Loon, Bald Eagle, and Stilt Sandpiper) were found, and high counts were noted for 12.75 species. All of this with one fewer observer than the previous year (5 versus 4)!

**DeBaca County.** Percentage-wise, DeBaca County also did well, improving by 66% the number of species when comparing 2001 with 2002 (93 versus 56). The number of individuals was also up by over 350%. No unique species was found, but high counts were recorded for 6.3 species. Interesting species include Northern Bobwhite, Red-headed Woodpecker, and Gray Catbird, and large numbers (142) of Common Grackle were found.

**Doña Ana County.** The recent inclusion of Doña Ana County has helped to fill an important gap in the southern Rio Grande Valley, and the results of the count continue to improve. Four observers recorded 93 species (up 7 over the previous year) and almost a thousand more individuals. Two unique species (Rufous Hummingbird and Bendire's Thrasher) were found, and there were high counts for 5.5 species. Some of the species of interest included a late Ross's Goose, a well documented and photographed Broad-billed Hummingbird, and a late lowland White-breasted Nuthatch.

**Eddy County.** Eddy County dropped by 21 species from 175 to 154 and by about 10% in numbers of individuals. Even with that, Eddy County tied with Grant and Socorro Counties for the highest number of unique species with 9: Red-necked Phalarope, Least Tern, Cave Swallow, Tennessee Warbler, Prothonotary Warbler, Fox Sparrow, Varied Bunting, Painted Bunting, and Orchard Oriole. Eddy County also had high counts for 29.5 species. Other than unique species, the only unusual sighting was of an Osprey flying up dry Walnut Canyon at Carlsbad Caverns National Park. The pair of Zone-tailed Hawks continues to persist in the Guadalupe Mountains.

**Grant County.** In spite of increasing by four species to 189, Grant dropped to third place in the total number of species behind Socorro (204) and San Miguel (192). Grant County produced 9 unique species, tying with Eddy and Socorro; these were: Common Ground-Dove, Blue-throated Hummingbird, Calliope Hummingbird, Greater Pewee, Cassin's Vireo, Purple Martin, Black-tailed Gnatcatcher, Olive Warbler, and Abert's Towhee. Grant County had high counts for 80.72 species, almost twice that of the county with the second highest number (Socorro with 41.22). In spite of extreme aridity reported from the area and several breeding species missed, the count produced an excellent sample of Grant County avifauna.

**Guadalupe County.** For the third year of its participation, Guadalupe County produced increases in both species and individuals. Four more species were found than in 2001, and individual numbers increased by almost 40%. No unique species was found, and there were 3 high counts. Suspected killing of crows, ravens and vultures may have been responsible for lower numbers of these species encountered. Unusual finds included a Yellow-billed Cuckoo and large number (17) of Indigo Buntings.

**Harding County.** A single-person effort in Harding County produced fewer species than in 2001 (43 versus 50) and almost 300 fewer individuals. This fourth-year effort in Harding County produced no unique species and one high count. Eurasian Collared-Dove (4) now occurs in this county also. While this count often has few species, participation in this county adds a great deal of information to one of the poorest known counties in the state.

**Hidalgo County.** Hidalgo County, as always, had good results. In part because of additional observers (5 versus 2), Hidalgo increased its species count from 106 to 153 and the number of individuals from 911 to over 2200. Two participants provided coverage of the Lordsburg Sewage Treatment Plans that added 27 species not seen elsewhere on the count. Included in this count were six unique species (Lucifer Hummingbird, Elegant Trogon, Arizona Woodpecker, Northern Beardless-Tyrannulet, Dusky-capped Flycatcher, and Mexican Chickadee) and high counts for 15 species. A pair of Mexican Chickadees seen carrying food to a nest cavity provided the first confirmed nest of this species for New Mexico.

**Lea County.** Forty species were found, which was only four fewer than in 2001. High counts were recorded for 3.5 species. Included in the count were a Ross's Goose and 19 Scissor-tailed Flycatchers. This count has largely been a single-person effort, able to cover only a small portion of this county (and usually hampered by winds); additional volunteers could easily find 100 species in a day. Still, any information from the eastern tier of counties provides valuable information on that area.

**Lincoln County.** Lincoln County was added to the list of participating counties again after being absent since 1999. Fifty-nine species were found by a group of three counters. No unique species was found, and high counts were recorded for 0.3 species. Unusual finds included a count of 9 Common Black-Hawks and 1 Vermilion Flycatcher.



**Los Alamos County.** The Los Alamos count improved markedly over 2000, which was also a good year for the count. There were good increases in species (97 versus 81), individuals (2,789 versus 1,477), and the number of participants (29 versus 16). One unique species, Williamson's Sapsucker, was found, and high counts were recorded for 19 species.

**Luna County.** Luna County increased by 12 species over 2001 to 87 species and found about 25% more individuals. While this single-person effort did not find any unique species or establish any high counts, a number of interesting things were still found. Included in this were Wood Duck, Harris's Hawk, and Hutton's Vireo.

**Roosevelt County.** A single-person effort in Roosevelt County found 50 species, including two unique species (Lesser Prairie-Chicken, Ovenbird) and high counts for 3.5 species. The eastern tier of counties provides an interesting transition, and those few counts in that area are especially important. Good numbers of Scissor-tailed Flycatchers and Lark Buntings were found, and the continued count of Lesser Prairie-Chicken is important, as this is the only area that reports this species on the NAMC in New Mexico.

**Sandoval County.** The Jemez Fire hampered this count and, partly because of that, the species total dropped from 109 in 2001 to 92 in 2002 and over a 20% drop in individuals. High counts were recorded for 1.5 species. Black-and-white Warbler was new to this count. With only two observers in the field, this count turned up a good sample of what could be expected under difficult conditions.

**San Juan County.** In spite of dropping 13 species to 118 from 131 in 2001, San Juan County produced a good count. High counts were recorded for 6.3 species. A Northern Pygmy-Owl (one of only two detected in the state on count day) was found by watching the mobbing actions of Gray Flycatcher, Violet-green Swallows (!), Mountain Chickadees, Western Bluebirds and Chipping Sparrows.

**San Miguel County.** Although dropping to second place in the number of species from last year, the San Miguel County count again provided many good records. With 192 species, it had its best-ever count and the second highest number of individuals on any of the 2002 counts. Six unique species were found: Horned Grebe, Glossy Ibis, Canvasback, Semipalmated Sandpiper, Bonaparte's Gull, and Northern Parula. High counts were recorded for 40.1 species, third highest in the state. Twelve species were added to the overall count for San Miguel, bringing the total to 245 species.

**Santa Fe County.** Santa Fe dropped from 116 to 99 species from the previous year, but had only a slight drop in individual numbers. No unique species was found, but high counts were noted for 2 species. Interesting finds included Double-crested Cormorant, Ring-necked Pheasant, increasing numbers of White-winged Dove, and Eastern Kingbird

**Socorro County.** Socorro County reclaimed the top spot in the number of species in 2002, besting San Miguel County by 12 species. Socorro County ended up with 204 species and the fourth highest count in terms of individuals. Fourteen observers found 9 unique species (Little

Blue Heron, White Ibis, Hooded Merganser, Lesser Yellowlegs, Solitary Sandpiper, Black Tern, Carolina Wren, Hooded Warbler, Bobolink) and had the second-highest number of high counts at 41.22. The count was described as "everything came together for a perfect count." Other than the unique species already noted, other good finds included 16 Willets, 1 Lewis's Woodpecker, and Black-and-white Warbler. In addition to being a remarkable find, the Bobolink added to the event by displaying.

**Taos County.** Taos County produced a few more species in 2002 at 119 (versus 110 in 2001) and almost 500 more individuals, and the number of observers almost doubled. Two unique species (Sage Sparrow and McCown's Longspur) were found, along with high counts for 14.5 species. The longspur was extremely late and in an area where not frequently found. The number of Marsh Wrens (150) continues to be the highest in the state, with only 155 found statewide on count day.

**Valencia County.** Valencia County finally topped 100 species, up 36 species from the previous year. Additionally, the count of individuals soared from 553 in 2001 to almost 1,400 individuals in 2002. One unique species (Ferruginous Hawk) and 1 high count were recorded. The most unusual bird was a Gray Catbird, and notable were a total absence of Steller's and Western Scrub-Jays, species evident only a few days before the count.

#### ACKNOWLEDGMENTS

Thanks are extended to Bruce Neville, who has been instrumental in helping with this article and in getting additional county participation, and John Shipman, who assisted in providing me with some of the Christmas Count information.

2003 Results to be published in the May 2004  
*NMOS Bulletin*

The 2004 North American Migration Count is  
Saturday 8 May 2004

Look for Compiler Information  
on the NMOS Website  
<http://www.nmosbirds.org>

Table 1. County Summary of 2002 North American Migration Count in New Mexico

| County        | # of<br>species | # of<br>individuals | # of high<br>counts | # of unique<br>species | party-<br>hours | party-<br>miles | # of<br>observers | compiler            |
|---------------|-----------------|---------------------|---------------------|------------------------|-----------------|-----------------|-------------------|---------------------|
| Bernalillo    | 113             | 2,029               | 2.00                |                        | 45.00           | 263.50          | 10                | Jim Place           |
| Chaves        | 92              | 7,374               | 19.30               | 1                      | 38.50           | 247.50          | 18                | Sherry Bixler       |
| Colfax        | 135             | 4,301               | 12.75               | 3                      | 11.00           | 212.00          | 4                 | Dave Cleary         |
| DeBaca        | 92              | 2,616               | 6.30                |                        | 18.00           | 99.00           | 2                 | Roger K. Hoppe      |
| Dona Ana      | 93              | 2,671               | 5.50                | 2                      | 13.00           | 28.00           | 3                 | James Zabriskie     |
| Eddy          | 154             | 6,842               | 29.25               | 9                      | 47.50           | 678.00          | 8                 | Bob Nieman          |
| Grant         | 189             | 9,075               | 80.72               | 9                      | 84.00           | 418.50          | 19                | Robert Wilcox       |
| Guadalupe     | 42              | 474                 | 3.00                |                        | 8.50            | 3.00            | 2                 | Jane and Rick Lewis |
| Harding       | 43              | 587                 | 1.00                |                        | 4.00            | 67.00           | 1                 | Bob Cates           |
| Hidalgo       | 153             | 2,205               | 15.00               | 6                      | 45.00           | 285.00          | 5                 | Alan Craig          |
| Lea           | 40              | 588                 | 3.50                |                        | 9.00            | 84.00           | 1                 | Pat McCasland       |
| Lincoln       | 59              | 728                 | 0.30                |                        | 10.00           | 114.00          | 3                 | Dale Stahlecker     |
| Los Alamos    | 97              | 2,789               | 19.00               | 2                      | 47.00           | 114.40          | 29                | Stephen Fettig      |
| Luna          | 87              | 1,641               |                     |                        | 12.00           | 151.30          | 1                 | Larry K. Malone     |
| Roosevelt     | 50              | 550                 | 3.50                | 2                      | 8.00            | 56.00           | 1                 | Lawry Sager         |
| Sandoval      | 92              | 857                 | 1.50                |                        | 18.00           | 230.00          | 2                 | Terry Brownell      |
| San Juan      | 118             | 2,862               | 6.30                |                        | 35.50           | 485.50          | 18                | John Rees           |
| San Miguel    | 192             | 8,369               | 40.10               | 6                      | 60.00           | 650.50          | 11                | Bill West           |
| Santa Fe      | 99              | 2,779               | 2.00                |                        | 55.25           | 324.50          | 17                | Linda Mowbray       |
| Socorro       | 204             | 6,788               | 41.22               | 8                      | 54.50           | 285.50          | 14                | Doug Emkalns        |
| Taos          | 119             | 2,812               | 14.50               | 2                      | 46.00           | 203.20          | 9                 | Karen Epperson      |
| Valencia      | 100             | 1,390               | 1.00                | 1                      | 10.50           | 37.50           | 4                 | Celestyn Brozek     |
| <b>Totals</b> |                 | <b>70,327</b>       | <b>307.74</b>       | <b>51</b>              | <b>680.25</b>   | <b>5037.90</b>  | <b>182</b>        |                     |

**Table 2. Historical Comparison of New Mexico NAMC Results**

| Year              | 1992   | 1993   | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Counties Surveyed | 3      | 5      | 10     | 11     | 13     | 14     | 16     | 24     | 23     | 23     | 22     |
| Total Species     | 222    | 218    | 260    | 256    | 268    | 268    | 278    | 307    | 309    | 311    | 307    |
| Total Individuals | 13,969 | 15,538 | 33,374 | 40,584 | 43,246 | 38,504 | 54,996 | 80,040 | 75,013 | 60,765 | 70,327 |
| Party-Hours       | 182    | 118    | 445    | 500    | 467    | 484    | 478    | 838    | 739    | 757    | 680    |
| Party-Miles       | 894    | 676    | 2,251  | 2,768  | 2,468  | 3,097  | 3,761  | 5,281  | 5,284  | 6,627  | 5,038  |
| Total Observers   | 33     | 59     | 101    | 151    | 139    | 137    | 170    | 197    | 183    | 194    | 182    |

**Table 3. Comparison of New Mexico 2001-2002 Christmas Count and 2002 NAMC Results**

|                  | # of counts | total # of species | average # of species | total # of individuals | total party-hours | total party-miles | field observers |
|------------------|-------------|--------------------|----------------------|------------------------|-------------------|-------------------|-----------------|
| Christmas counts | 29          | 212                | 75.72                | 352,147                | 1,358.45          | 5,646.7           | 503             |
| NAMC counts      | 22          | 307                | 107.41               | 70,327                 | 680.25            | 5,037.5           | 182             |

Table 4. Results of 2002 NM North American Migratory Bird Count by County

| Species                      | Berna-<br>lillo | Chaves | Colfax | DeBaca | Dofia<br>Ana | Eddy | Grant | Guada-<br>lupe | Harding | Hidalgo | Lea | Lincoln |
|------------------------------|-----------------|--------|--------|--------|--------------|------|-------|----------------|---------|---------|-----|---------|
| 1 Common Loon                |                 |        | 1      |        |              |      |       |                |         |         |     |         |
| 2 Pied-billed Grebe          | 2               |        | 1      |        |              |      | 3     |                |         |         | 1   |         |
| 3 Horned Grebe               |                 |        |        |        |              |      |       |                |         |         |     |         |
| 4 Eared Grebe                |                 |        | 6      |        |              |      |       |                |         |         |     |         |
| 5 Western Grebe              |                 |        | 18     | 3      |              |      |       |                |         |         |     |         |
| 6 Clark's Grebe              |                 |        | 14     |        |              |      |       |                |         |         |     |         |
| <i>Aechmophorus</i> species  |                 |        | 62     |        |              |      |       |                |         |         |     |         |
| 7 American White Pelican     |                 |        |        | 24     |              | 1    |       |                |         |         |     |         |
| 8 Neotropical Cormorant      |                 |        |        |        | 5            |      |       |                |         |         |     |         |
| 9 Double-crested Cormorant   |                 |        | 1      | 11     | 7            | 5    | 10    |                |         |         |     |         |
| 10 Least Bittern             |                 |        |        |        |              | 1    |       |                |         |         |     |         |
| 11 Great Blue Heron          |                 |        |        | 2      | 2            | 15   | 15    |                |         | 1       |     |         |
| 12 Great Egret               |                 | 1      |        |        |              | 1    |       |                |         | 3       |     |         |
| 13 Snowy Egret               |                 | 8      | 2      | 2      | 2            | 10   |       |                |         | 3       |     |         |
| 14 Little Blue Heron         |                 |        |        |        |              |      |       |                |         |         |     |         |
| 15 Cattle Egret              |                 |        |        | 6      |              |      |       |                |         | 2       |     |         |
| 16 Green Heron               | 1               | 8      |        | 2      |              | 2    |       |                |         |         |     |         |
| 17 Black-crowned Night-Heron | 1               | 1      |        |        | 4            | 13   |       |                | 1       |         |     |         |
| 18 White Ibis                |                 |        |        |        |              |      |       |                |         |         |     |         |
| 19 Glossy Ibis               |                 |        |        |        |              |      |       |                |         |         |     |         |
| 20 White-faced Ibis          |                 |        | 8      | 9      | 28           |      | 9     |                |         | 16      | 1   |         |
| 21 Turkey Vulture            | 8               | 44     | 4      | 33     | 58           | 280  | 147   | 10             | 5       | 21      | 3   | 50      |
| 22 Snow Goose                |                 | 4      |        |        | 1            |      |       |                |         |         |     |         |
| 23 Ross's Goose              | 101             | 5      | 124    | 9      | 1            |      |       | 6              |         |         | 1   |         |
| 24 Canada Goose              | 18              |        |        |        |              |      |       |                |         |         |     | 3       |
| 25 Wood Duck                 |                 |        |        |        |              |      |       |                |         |         |     |         |
| 26 Gadwall                   | 1               | 110    | 71     | 2      | 1            | 1    | 2     |                |         | 1       |     |         |
| 27 American Wigeon           |                 | 12     | 8      | 5      |              |      | 1     |                |         |         |     |         |
| 28 Mallard                   |                 |        |        |        |              |      |       |                |         |         |     |         |
| Mallard form                 | 73              | 318    | 98     | 10     | 2            | 28   | 58    | 6              |         | 13      |     | 6       |
| Mexican form                 |                 |        |        |        | 12           |      |       |                |         | 89      |     |         |
| Mallard/Mexican form         |                 |        |        |        | 20           |      |       |                |         |         |     |         |
| 29 Blue-winged Teal          |                 | 35     | 10     | 2      | 2            | 15   | 1     |                |         | 2       |     | 4       |
| 30 Cinnamon Teal             |                 | 18     | 6      |        |              | 1    | 9     |                |         | 4       |     |         |
| 31 Northern Shoveler         | 1               | 84     | 68     | 21     |              | 23   | 6     |                |         | 8       | 7   |         |
| 32 Northern Pintail          |                 | 11     | 6      |        |              |      |       |                |         |         |     |         |
| 33 Green-winged Teal         | 2               | 39     | 44     | 7      |              |      | 5     |                |         | 2       |     |         |
| 34 Canvasback                |                 |        |        |        |              |      |       |                |         |         |     |         |
| 35 Redhead                   |                 | 8      | 8      |        |              |      |       |                |         |         |     |         |

Table 4. Results of 2002 NM North American Migratory Bird Count by County

| Species                   | Berna-<br>lillo | Chaves | Colfax | DeBaca | Dofia<br>Ana | Eddy | Grant | Guada-<br>lupe | Harding | Hidalgo | Lea | Lincoln |
|---------------------------|-----------------|--------|--------|--------|--------------|------|-------|----------------|---------|---------|-----|---------|
| 36 Ring-necked Duck       | 1               | 6      |        |        |              |      | 3     |                |         |         |     |         |
| 37 Lesser Scaup           |                 |        | 6      |        |              | 1    |       |                |         |         |     |         |
| 38 Bufflehead             |                 |        | 2      |        |              |      | 1     |                |         |         |     |         |
| 39 Hooded Merganser       |                 |        |        |        |              |      |       |                |         |         |     |         |
| 40 Common Merganser       |                 |        | 19     |        |              |      | 15    |                |         |         |     |         |
| 41 Ruddy Duck             |                 | 4      | 170    |        | 3            | 12   | 10    |                |         | 10      | 2   |         |
| duck species              |                 | 6      | 400    |        |              |      |       |                |         |         |     |         |
| 42 Osprey                 |                 |        | 1      | 1      |              | 2    | 1     |                |         |         |     |         |
| 43 Mississippi Kite       |                 | 9      |        |        |              |      |       |                |         |         | 4   |         |
| 44 Bald Eagle             |                 |        | 2      |        |              |      |       |                |         |         |     |         |
| 45 Northern Harrier       |                 | 2      |        |        |              |      |       |                |         |         |     |         |
| 46 Sharp-shinned Hawk     |                 |        |        | 2      |              |      | 4     |                |         | 1       |     | 1       |
| 47 Cooper's Hawk          | 5               |        |        |        |              |      | 9     |                |         |         |     |         |
| Accipiter species         |                 |        |        |        |              |      |       |                |         |         |     |         |
| 48 Common Black-Hawk      |                 |        |        |        |              |      | 16    |                |         |         |     | 9       |
| 49 Harris's Hawk          |                 |        |        |        |              | 1    |       |                |         |         |     |         |
| 50 Swainson's Hawk        | 1               | 7      | 6      | 7      | 8            | 18   | 5     |                | 2       | 2       | 2   | 1       |
| 51 Zone-tailed Hawk       |                 |        |        |        |              | 1    | 3     |                |         | 2       |     |         |
| 52 Red-tailed Hawk        | 1               | 4      | 1      | 5      | 1            | 5    | 14    | 4              |         | 5       |     | 4       |
| 53 Ferruginous Hawk       |                 |        |        |        |              |      |       |                |         |         |     |         |
| Buteo species             |                 | 3      |        |        |              |      |       |                |         |         |     |         |
| 54 Golden Eagle           |                 |        |        |        |              |      | 1     |                |         | 1       |     | 2       |
| 55 American Kestrel       | 8               | 15     | 3      | 2      | 9            | 2    | 26    | 2              | 1       | 4       |     | 1       |
| 56 Peregrine Falcon       |                 | 1      | 1      |        |              |      | 1     |                |         |         |     |         |
| 57 Prairie Falcon         |                 |        |        |        | 1            |      |       | 1              |         |         |     |         |
| 58 Ring-necked Pheasant   | 11              | 4      | 5      | 1      |              | 5    |       |                |         |         |     |         |
| 59 Lesser Prairie-Chicken |                 |        |        |        |              |      |       |                |         |         |     |         |
| 60 Wild Turkey            |                 |        | 37     |        |              | 7    | 4     |                |         |         |     | 19      |
| 61 Scaled Quail           | 4               | 11     |        |        | 1            | 13   | 23    |                |         | 20      | 3   |         |
| 62 Gambel's Quail         |                 |        |        |        | 96           |      | 246   |                |         | 49      |     |         |
| 63 Northern Bobwhite      |                 | 4      |        | 1      |              |      |       |                |         |         |     |         |
| 64 Virginia Rail          |                 |        | 7      |        |              |      | 1     |                |         |         |     |         |
| 65 Sora                   |                 |        |        |        |              | 1    | 4     |                |         |         |     |         |
| 66 Common Moorhen         |                 |        |        |        | 1            | 1    |       |                |         |         |     |         |
| 67 American Coot          | 2               | 2      | 145    |        | 4            | 125  | 120   |                |         | 14      | 20  | 1       |
| 68 Snowy Plover           |                 | 129    |        |        |              | 87   |       |                |         |         |     |         |
| 69 Semipalmated Plover    |                 |        |        |        |              |      |       |                |         |         |     |         |
| 70 Killdeer               | 3               | 93     | 16     | 8      | 4            | 33   | 29    | 6              | 1       | 14      | 7   | 2       |
| 71 Black-necked Stilt     |                 | 125    | 4      | 4      |              | 42   |       |                |         | 25      |     |         |



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| Species                    | Berna-<br>lillo | Chaves | Colfax | DeBaca | Dofia<br>Ana | Eddy | Grant | Guada-<br>lupe | Harding | Hidalgo | Lea | Lincoln |
|----------------------------|-----------------|--------|--------|--------|--------------|------|-------|----------------|---------|---------|-----|---------|
| 72 American Avocet         |                 | 230    | 150    |        | 3            | 49   |       |                |         | 30      |     |         |
| 73 Greater Yellowlegs      |                 | 1      |        | 5      |              | 1    |       |                |         |         |     |         |
| 74 Lesser Yellowlegs       |                 |        |        |        |              |      |       |                |         |         |     |         |
| 75 Solitary Sandpiper      |                 |        |        |        |              |      |       |                |         |         |     |         |
| 76 Willet                  |                 |        | 3      |        |              |      |       |                |         |         |     |         |
| 77 Spotted Sandpiper       | 2               | 5      | 32     | 5      | 1            | 13   | 46    | 2              |         | 47      | 1   |         |
| 78 Long-billed Curlew      |                 |        | 4      |        |              |      |       |                |         |         |     |         |
| 79 Marbled Godwit          |                 |        |        |        |              |      |       |                |         |         |     |         |
| 80 Sanderling              |                 |        | 1      |        |              |      |       |                |         |         |     |         |
| 81 Semipalmated Sandpiper  |                 |        |        |        |              |      |       |                |         |         |     |         |
| 82 Western Sandpiper       |                 |        | 1      |        |              | 7    |       |                |         | 3       |     |         |
| 83 Least Sandpiper         |                 | 2      |        |        | 30           | 9    |       |                |         | 5       |     |         |
| 84 Baird's Sandpiper       |                 | 12     |        |        |              |      |       |                |         |         |     |         |
| 85 Pectoral Sandpiper      |                 |        |        |        |              | 1    |       |                |         |         |     |         |
| unidentified peeps         |                 |        |        | 50     |              |      |       |                |         |         |     |         |
| 86 Stilt Sandpiper         |                 |        | 1      |        |              |      |       |                |         |         |     |         |
| 87 Long-billed Dowitcher   |                 | 8      | 3      |        |              | 6    |       |                |         | 12      |     |         |
| 88 Wilson's Snipe          |                 |        | 14     |        |              |      |       |                |         |         |     |         |
| 89 Wilson's Phalarope      |                 | 192    | 112    | 26     |              | 92   | 31    |                |         | 132     |     |         |
| 90 Red-necked Phalarope    |                 |        |        |        |              | 2    |       |                |         |         |     |         |
| sandpiper species          |                 | 2      |        |        |              |      |       |                |         |         |     |         |
| 91 Franklin's Gull         |                 |        | 8      | 5      |              | 6    |       |                |         |         |     |         |
| 92 Bonaparte's Gull        |                 |        |        |        |              |      |       |                |         |         |     |         |
| 93 Ring-billed Gull        | 1               |        | 53     | 18     |              | 2    |       |                |         | 1       |     |         |
| 94 California Gull         |                 |        |        |        |              |      |       |                |         |         |     |         |
| 95 Forster's Tern          |                 |        | 1      |        |              | 22   |       |                |         |         |     |         |
| 96 Least Tern              |                 |        |        |        |              | 4    |       |                |         |         |     |         |
| 97 Black Tern              |                 |        |        |        |              |      |       |                |         |         |     |         |
| 98 Rock Pigeon             | 23              | 186    | 14     | 111    | 27           | 229  | 38    |                |         | 15      | 5   | 10      |
| 99 Band-tailed Pigeon      | 4               |        |        |        |              | 192  |       |                |         | 3       |     |         |
| 100 Ringed Turtle-Dove     |                 | 1      |        |        |              |      |       |                |         |         |     |         |
| 101 Eurasian Collared-Dove |                 | 16     | 1      | 14     |              | 3    | 4     |                | 4       |         | 4   |         |
| 102 White-winged Dove      | 9               | 331    |        | 17     | 486          | 473  | 118   |                |         | 50      | 6   | 12      |
| 103 Mourning Dove          | 108             | 710    | 39     | 151    | 225          | 614  | 372   | 45             | 55      | 142     | 36  | 110     |
| 104 Inca Dove              |                 | 22     |        | 2      | 7            | 41   | 5     |                |         |         |     |         |
| 105 Common Ground-Dove     |                 |        |        |        |              |      | 1     |                |         |         |     |         |
| 106 Yellow-billed Cuckoo   |                 |        |        |        |              | 4    |       |                |         |         |     |         |
| 107 Greater Roadrunner     | 2               | 11     |        | 1      | 6            | 12   | 1     | 1              |         | 1       |     |         |
| 108 Barn Owl               |                 |        |        |        | 1            | 1    | 3     |                |         |         |     |         |

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| Species                            | Berna-<br>lillo | Chaves | Colfax | DeBaca | Doña<br>Ana | Eddy | Grant | Guada-<br>lupe | Harding | Hidalgo | Lea | Lincoln |
|------------------------------------|-----------------|--------|--------|--------|-------------|------|-------|----------------|---------|---------|-----|---------|
| 109 Flamulated Owl                 |                 |        |        |        |             |      | 2     |                |         |         |     |         |
| 110 Western Screech-Owl            |                 |        | 2      |        |             | 1    | 1     |                |         | 2       |     |         |
| 111 Great Horned Owl               |                 |        | 4      |        |             | 4    | 10    |                |         | 2       |     |         |
| 112 Northern Pygmy-Owl             |                 |        |        |        |             |      |       |                |         |         |     |         |
| 113 Elf Owl                        |                 |        |        |        |             |      | 2     |                |         | 5       |     |         |
| 114 Burrowing Owl                  |                 | 34     | 4      |        | 2           | 5    |       |                |         |         | 6   |         |
| 115 Spotted Owl                    |                 |        |        |        |             |      | 2     |                |         | 2       |     |         |
| 116 Lesser Nighthawk               |                 |        |        |        | 9           | 21   | 6     |                |         |         |     |         |
| 117 Common Nighthawk               |                 | 2      |        | 11     |             | 84   |       |                |         |         |     | 1       |
| 118 Common Poorwill                |                 |        | 1      |        | 1           |      | 2     |                |         | 1       |     |         |
| 119 Whip-poor-will                 |                 |        |        |        |             |      | 9     |                |         | 1       |     |         |
| 120 Chimney Swift                  |                 | 3      |        |        |             | 7    |       |                |         |         |     |         |
| 121 White-throated Swift           | 1               |        | 19     |        |             | 6    | 78    |                | 12      | 2       |     | 1       |
| 122 Broad-billed Hummingbird       |                 |        |        |        | 1           |      |       |                |         | 6       |     |         |
| 123 Blue-throated Hummingbird      |                 |        |        |        |             |      | 1     |                |         |         |     |         |
| 124 Magnificent Hummingbird        |                 |        |        |        |             |      | 7     |                |         | 1       |     |         |
| 125 Lucifer Hummingbird            |                 |        |        |        |             |      |       |                |         | 2       |     |         |
| 126 Black-chinned Hummingbird      | 147             | 27     | 8      | 6      | 34          | 29   | 325   | 1              |         | 11      |     | 3       |
| 127 Calliope Hummingbird           |                 |        |        |        |             |      | 1     |                |         |         |     |         |
| 128 Broad-tailed Hummingbird       | 28              |        | 10     | 1      | 1           |      | 290   |                | 1       | 14      |     |         |
| 129 Rufous Hummingbird             |                 |        |        |        | 1           |      |       |                |         |         |     |         |
| hummingbird species                |                 |        |        |        |             |      |       |                |         |         |     |         |
| 130 Elegant Trogon                 |                 |        |        |        |             |      |       |                |         |         |     |         |
| 131 Belted Kingfisher              | 1               |        | 1      | 2      |             | 1    | 1     |                |         | 1       |     |         |
| 132 Lewis's Woodpecker             |                 |        | 2      |        |             |      |       |                |         |         |     |         |
| 133 Red-headed Woodpecker          |                 | 1      |        | 1      |             |      |       |                |         |         |     |         |
| 134 Acorn Woodpecker               |                 |        |        |        |             | 3    | 20    |                |         | 3       |     |         |
| 135 Gila Woodpecker                |                 |        |        |        |             |      | 11    |                |         | 6       |     |         |
| 136 Williamson's Sapsucker         |                 |        |        |        |             |      |       |                |         |         |     |         |
| 137 Red-naped Sapsucker            |                 |        | 1      |        |             |      |       |                |         |         |     |         |
| 138 Ladder-backed Woodpecker       |                 | 1      |        | 3      | 5           | 20   | 26    |                |         | 3       | 2   | 1       |
| 139 Downy Woodpecker               | 1               |        |        |        |             |      | 1     |                |         |         |     |         |
| 140 Hairy Woodpecker               |                 |        | 1      |        |             |      | 13    |                |         |         | 1   |         |
| 141 Arizona Woodpecker             |                 |        |        |        |             |      |       |                |         | 7       |     |         |
| 142 Northern (red-shafted) Flicker | 8               |        | 1      | 1      |             |      | 35    |                | 2       | 3       |     | 6       |
| 143 Northern Beardless-Tyrannulet  |                 |        |        |        |             |      |       |                |         |         |     |         |
| 144 Olive-sided Flycatcher         |                 |        |        |        |             |      | 2     |                |         | 2       |     |         |
| 145 Greater Pewee                  |                 |        |        |        |             |      | 9     |                |         |         |     |         |
| 146 Western Wood-Pewee             | 6               |        |        | 3      | 3           | 13   | 64    |                |         | 16      |     | 5       |

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| Species                       | Berna-<br>lillo | Chaves | Colfax | DeBaca | Doña<br>Ana | Eddy | Grant | Guada-<br>lupe | Harding | Hidalgo | Lea | Lincoln |
|-------------------------------|-----------------|--------|--------|--------|-------------|------|-------|----------------|---------|---------|-----|---------|
| 147 Willow Flycatcher         |                 |        |        |        | 1           |      | 9     |                |         | 3       |     |         |
| 148 Hammond's Flycatcher      | 1               |        |        |        |             |      | 3     |                |         | 1       |     |         |
| 149 Gray Flycatcher           | 4               |        |        |        |             |      | 8     |                |         |         |     |         |
| 150 Dusky Flycatcher          | 5               |        | 2      |        |             |      | 16    |                |         | 3       |     |         |
| 151 Cordilleran Flycatcher    | 2               |        |        |        | 2           |      | 4     |                |         | 3       |     |         |
| <i>Empidonax</i> species      | 13              |        |        |        |             |      |       |                |         | 7       |     |         |
| 152 Black Phoebe              | 10              |        |        |        | 2           | 3    | 44    |                |         | 2       |     | 9       |
| 153 Eastern Phoebe            |                 |        |        |        |             |      |       | 8              |         |         |     |         |
| 154 Say's Phoebe              | 11              |        | 3      | 1      | 4           | 18   | 49    |                | 16      | 2       |     | 11      |
| 155 Vermilion Flycatcher      |                 | 1      |        |        |             | 23   | 60    |                |         | 16      |     | 1       |
| 156 Dusky-capped Flycatcher   |                 |        |        |        |             |      |       |                |         | 13      |     |         |
| 157 Ash-throated Flycatcher   | 21              |        |        | 6      | 2           | 34   | 51    | 12             | 12      | 23      | 2   | 2       |
| 158 Brown-crested Flycatcher  |                 |        |        |        |             |      | 7     |                |         | 4       |     |         |
| 159 Cassin's Kingbird         | 11              | 1      | 5      | 20     |             | 45   | 107   |                | 1       | 16      |     | 6       |
| 160 Western Kingbird          | 13              | 867    | 33     | 117    | 54          | 416  | 129   | 29             | 47      | 35      | 79  | 75      |
| 161 Eastern Kingbird          |                 |        | 7      |        |             | 1    |       |                |         |         |     |         |
| 162 Scissor-tailed Flycatcher |                 |        |        |        |             | 12   |       |                |         |         | 19  |         |
| 163 Loggerhead Shrike         |                 |        | 1      | 2      |             | 4    | 5     |                |         | 3       | 8   |         |
| 164 Bell's Vireo              |                 |        |        |        |             | 26   | 24    |                |         | 7       |     |         |
| 165 Plumbeous Vireo           | 5               |        |        |        |             | 6    | 58    |                | 5       | 2       |     | 1       |
| 166 Cassin's Vireo            |                 |        |        |        |             |      | 2     |                |         |         |     |         |
| "solitary vireo species"      |                 |        |        |        |             |      |       |                |         |         |     |         |
| 167 Hutton's Vireo            |                 |        |        |        |             |      | 4     |                |         | 7       |     |         |
| 168 Warbling Vireo            | 16              |        | 4      |        | 2           | 1    | 40    |                |         | 5       |     |         |
| 169 Red-eyed Vireo            |                 |        |        |        |             |      |       |                |         |         |     |         |
| 170 Steller's Jay             | 7               |        | 11     |        |             |      | 28    |                |         | 2       |     |         |
| 171 Blue Jay                  |                 | 23     |        | 4      |             | 9    |       |                |         |         |     |         |
| 172 Western Scrub-Jay         | 24              |        | 4      | 1      |             | 16   | 66    |                | 6       | 4       |     | 3       |
| 173 Mexican Jay               |                 |        |        |        |             |      | 86    |                |         | 73      |     |         |
| 174 Pinyon Jay                | 3               |        | 4      |        |             |      | 4     |                |         |         |     |         |
| jay species                   |                 |        |        |        |             |      |       |                |         |         |     |         |
| 175 Clark's Nutcracker        |                 |        | 1      |        |             |      |       |                |         |         |     |         |
| 176 Black-billed Magpie       |                 |        | 20     |        |             |      |       | 12             |         |         |     |         |
| 177 American Crow             | 34              |        | 6      | 12     |             |      | 28    | 12             |         |         |     |         |
| 178 Chihuahuan Raven          |                 | 22     |        | 16     | 34          | 45   | 86    |                | 4       | 3       | 66  |         |
| 179 Common Raven              | 24              |        | 135    |        |             |      | 146   | 2              |         | 15      |     | 11      |
| raven species                 | 2               |        |        |        |             |      |       |                |         | 33      |     |         |
| 180 Horned Lark               |                 | 2      | 36     | 8      |             | 20   | 30    |                | 37      | 33      |     |         |
| 181 Purple Martin             |                 |        |        |        |             |      | 14    |                |         |         |     |         |

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| Species                           | Bernalillo | Chaves | Colfax | DeBaca | Doña Ana | Eddy | Grant | Guadalupe | Harding | Hidalgo | Lea | Lincoln |
|-----------------------------------|------------|--------|--------|--------|----------|------|-------|-----------|---------|---------|-----|---------|
| 182 Tree Swallow                  |            | 15     | 30     |        |          |      | 6     |           |         |         |     |         |
| 183 Violet-green Swallow          | 8          |        | 60     |        | 5        |      | 488   |           | 12      | 97      |     | 50      |
| 184 Northern Rough-winged Swallow | 7          | 3      | 8      | 4      | 7        | 18   | 77    | 31        |         | 12      |     | 4       |
| 185 Bank Swallow                  | 1          |        | 260    | 18     |          | 2    | 1     |           |         | 2       |     |         |
| 186 Cliff Swallow                 | 85         | 41     | 520    | 347    | 237      | 440  | 442   | 4         |         | 1       |     | 56      |
| 187 Cave Swallow                  |            |        |        |        |          | 405  |       |           |         |         |     |         |
| 188 Barn Swallow                  | 22         | 84     | 34     | 158    | 66       | 188  | 47    |           | 10      | 68      | 6   | 8       |
| swallow species                   | 3          |        |        |        |          |      |       |           |         |         |     |         |
| 189 Black-capped Chickadee        | 2          |        | 2      |        |          |      |       |           |         |         |     |         |
| 190 Mountain Chickadee            | 17         |        | 2      |        |          |      | 17    |           |         |         |     |         |
| 191 Mexican Chickadee             |            |        |        |        |          |      |       |           |         | 6       |     |         |
| 192 Bridled Titmouse              |            |        |        |        |          |      | 20    |           |         | 11      |     |         |
| 193 Juniper Titmouse              | 10         |        |        |        |          |      | 18    | 2         |         | 5       |     |         |
| 194 Verdin                        |            |        |        |        | 9        | 3    | 10    | 6         |         | 6       |     |         |
| 195 Bush-tit                      | 24         |        |        |        |          | 14   | 54    |           |         | 35      |     |         |
| 196 Red-breasted Nuthatch         | 4          |        |        |        |          |      | 1     |           |         |         |     |         |
| 197 White-breasted Nuthatch       | 14         |        | 1      |        | 1        | 10   | 24    |           | 2       | 3       |     |         |
| 198 Pygmy Nuthatch                |            |        |        |        |          |      | 12    |           |         |         |     |         |
| 199 Brown Creeper                 | 2          |        |        |        |          | 1    |       |           |         | 2       |     |         |
| 200 Cactus Wren                   |            |        |        |        | 5        | 17   | 6     |           |         | 8       | 1   | 1       |
| 201 Rock Wren                     | 12         |        | 1      | 1      |          | 7    | 7     |           | 1       | 4       |     | 1       |
| 202 Canyon Wren                   | 5          |        |        |        |          | 11   | 12    | 6         | 2       | 3       |     |         |
| 203 Carolina Wren                 |            |        |        |        |          |      |       |           |         |         |     |         |
| 204 Bewick's Wren                 | 9          | 1      |        |        | 2        | 7    | 62    | 2         |         | 43      |     | 4       |
| 205 House Wren                    | 7          |        | 5      |        |          |      | 48    |           |         |         |     |         |
| 206 Marsh Wren                    |            |        |        |        | 2        | 1    |       |           |         | 1       |     |         |
| 207 American Dipper               |            |        | 1      |        |          |      |       |           |         |         |     |         |
| 208 Ruby-crowned Kinglet          | 6          |        | 1      |        |          | 1    | 2     |           |         |         |     |         |
| 209 Blue-gray Gnatcatcher         | 6          |        |        |        |          | 4    | 1     |           | 1       |         |     |         |
| 210 Black-tailed Gnatcatcher      |            |        |        |        |          |      | 3     |           |         |         |     |         |
| 211 Western Bluebird              | 4          | 1      |        |        |          | 1    | 40    |           |         |         |     | 1       |
| 212 Mountain Bluebird             | 1          |        |        |        |          |      |       |           |         |         |     |         |
| bluebird species                  |            | 1      |        |        |          |      |       |           |         |         |     |         |
| 213 Townsend's Solitaire          |            |        |        |        |          |      | 1     |           |         |         |     |         |
| 214 Swainson's Thrush             |            |        |        |        |          |      | 3     |           |         | 2       |     |         |
| 215 Hermit Thrush                 | 7          |        | 1      | 1      |          | 1    | 11    |           |         | 15      |     |         |
| 216 American Robin                | 48         | 177    | 36     | 31     | 47       | 9    | 74    |           | 2       | 3       |     | 90      |
| 217 Gray Catbird                  |            |        |        | 1      |          |      |       |           |         |         |     |         |
| 218 Northern Mockingbird          | 22         | 227    | 11     | 60     | 65       | 346  | 62    | 45        | 29      | 19      | 29  | 15      |

Table 4. Results of 2002 NM North American Migratory Bird Count by County

| Species                         | Berna-<br>lillo | Chaves | Colfax | DeBaca | Doña<br>Ana | Eddy | Grant | Guada-<br>lupe | Harding | Hidalgo | Lea | Lincoln |
|---------------------------------|-----------------|--------|--------|--------|-------------|------|-------|----------------|---------|---------|-----|---------|
| 219 Sage Thrasher               |                 |        |        |        | 1           |      |       |                |         |         |     |         |
| 220 Bendire's Thrasher          | 7               | 11     |        | 1      | 10          | 7    | 45    |                |         | 10      | 4   |         |
| 221 Curve-billed Thrasher       | 1               |        |        |        | 4           | 3    | 2     |                |         | 1       |     |         |
| 222 Crissal Thrasher            | 71              | 769    | 18     | 127    | 52          | 224  | 56    |                | 25      | 1       |     | 2       |
| 223 European Starling           |                 | 1      | 29     |        |             | 23   | 51    |                |         |         |     |         |
| 224 Cedar Waxwing               |                 |        |        |        | 24          | 33   | 18    |                |         | 18      |     | 2       |
| 225 Phainopepla                 |                 |        |        |        |             |      | 3     |                |         |         |     |         |
| 226 Olive Warbler               |                 |        |        |        |             | 1    |       |                |         |         |     |         |
| 227 Tennessee Warbler           |                 |        |        |        |             |      | 6     |                |         | 6       |     |         |
| 228 Orange-crowned Warbler      | 2               |        |        |        |             |      | 1     |                |         |         |     |         |
| 229 Nashville Warbler           |                 |        |        |        |             |      | 46    | 9              |         | 1       |     |         |
| 230 Virginia's Warbler          | 12              |        |        |        | 1           |      | 75    |                |         | 19      |     |         |
| 231 Lucy's Warbler              |                 |        |        |        |             |      |       |                |         |         |     |         |
| 232 Northern Parula             |                 |        |        |        |             |      |       |                |         |         |     |         |
| 233 Yellow Warbler              | 8               | 6      | 6      |        | 2           | 9    | 74    | 9              |         | 3       |     | 4       |
| 234 Chestnut-sided Warbler      |                 |        |        |        |             | 1    |       |                |         |         |     |         |
| 235 Yellow-rumped Warbler       |                 |        |        |        |             |      |       |                |         |         |     |         |
| Myrtle                          |                 |        |        |        |             | 2    |       |                |         | 1       |     |         |
| Audubon's                       | 29              |        | 8      | 3      | 9           | 3    |       |                |         | 76      |     |         |
| undifferentiated                | 13              | 2      | 2      |        |             | 16   | 89    |                |         |         |     |         |
| 236 Black-throated Gray Warbler | 5               |        |        |        |             | 1    | 9     |                |         | 7       |     |         |
| 237 Townsend's Warbler          |                 |        |        |        |             |      | 4     |                |         |         |     |         |
| 238 Grace's Warbler             | 3               |        |        |        |             |      | 25    |                |         |         |     |         |
| 239 Black-and-white Warbler     |                 |        |        |        |             |      | 1     |                |         |         |     |         |
| 240 American Redstart           |                 |        |        |        |             |      |       |                |         |         |     |         |
| 241 Prothonotary Warbler        |                 |        |        |        |             | 1    |       |                |         |         |     |         |
| 242 Ovenbird                    |                 |        |        |        |             |      |       |                |         |         |     |         |
| 243 Northern Waterthrush        |                 |        | 1      |        |             | 1    | 1     |                |         |         |     |         |
| 244 MacGillivray's Warbler      | 52              |        |        |        |             | 3    | 40    |                |         | 1       |     |         |
| 245 Common Yellowthroat         | 2               |        | 11     | 1      |             | 2    | 19    | 4              | 1       | 3       |     |         |
| 246 Hooded Warbler              |                 |        |        |        |             |      |       |                |         |         |     |         |
| 247 Wilson's Warbler            | 23              | 2      | 2      | 1      | 3           | 12   | 224   | 3              |         | 77      |     |         |
| 248 Red-faced Warbler           |                 |        |        |        |             |      | 23    |                |         | 3       |     |         |
| 249 Painted Redstart            |                 |        |        |        |             |      | 6     |                |         | 9       |     |         |
| 250 Yellow-breasted Chat        | 7               |        | 6      |        | 4           | 4    | 45    |                |         | 1       |     | 3       |
| 251 Hepatic Tanager             |                 |        |        |        |             | 22   | 14    |                |         |         |     |         |
| 252 Summer Tanager              | 7               |        |        |        | 1           | 22   | 48    |                |         | 8       |     |         |
| 253 Western Tanager             | 20              | 4      | 7      |        | 2           | 32   | 12    | 1              |         | 41      |     | 2       |
| 254 Green-tailed Towhee         | 11              |        | 3      | 1      | 4           | 2    | 25    |                | 3       | 3       |     |         |

Table 4. Results of 2002 NM North American Migratory Bird Count by County

| Species                    | Bernalillo | Chaves | Colfax | DeBaca | Doña Ana | Eddy | Grant | Guadalupe | Harding | Hidalgo | Lea | Lincoln |
|----------------------------|------------|--------|--------|--------|----------|------|-------|-----------|---------|---------|-----|---------|
| 255 Spotted Towhee         | 30         |        | 6      |        |          | 3    | 89    |           | 30      | 16      |     | 3       |
| 256 Canyon Towhee          | 10         |        |        | 4      |          | 2    | 77    | 2         |         | 12      |     | 1       |
| 257 Abert's Towhee         |            |        |        |        |          |      | 17    |           |         |         |     |         |
| 258 Cassin's Sparrow       |            |        |        | 1      |          | 9    |       | 10        | 5       |         | 3   |         |
| 259 Rufous-crowned Sparrow |            | 3      |        |        |          | 1    | 6     |           | 2       | 4       |     |         |
| 260 Chipping Sparrow       | 115        |        | 20     | 15     | 5        | 7    | 336   |           | 12      | 46      |     | 22      |
| 261 Clay-colored Sparrow   |            |        | 2      |        |          |      | 4     |           |         |         |     |         |
| 262 Brewer's Sparrow       | 33         | 4      | 3      |        |          | 1    | 58    |           |         | 3       | 3   |         |
| 263 Black-chinned Sparrow  | 2          |        |        |        |          |      | 2     | 4         |         |         |     |         |
| 264 Vesper Sparrow         | 1          |        | 18     |        |          |      | 4     |           |         | 4       |     |         |
| 265 Lark Sparrow           | 4          | 25     | 18     | 42     | 3        | 20   | 76    | 10        | 7       | 34      | 2   |         |
| 266 Black-throated Sparrow | 1          |        |        |        | 4        | 6    | 34    |           |         | 3       | 1   |         |
| 267 Sage Sparrow           |            |        |        |        |          |      |       |           |         |         |     |         |
| 268 Lark Bunting           |            |        | 31     | 1      |          | 106  | 24    | 3         | 126     |         | 121 |         |
| 269 Savannah Sparrow       |            |        | 13     |        |          |      |       |           |         | 1       |     |         |
| 270 Fox Sparrow            |            |        |        |        |          | 2    |       |           |         |         |     |         |
| 271 Song Sparrow           | 1          |        | 11     |        | 6        |      |       | 22        | 1       |         |     |         |
| 272 Lincoln's Sparrow      |            |        | 3      |        |          |      | 5     |           |         | 5       |     |         |
| 273 White-throated Sparrow |            |        |        |        |          |      | 1     |           |         |         |     |         |
| 274 White-crowned Sparrow  | 7          | 42     | 25     | 10     | 20       | 26   | 255   | 55        | 4       | 6       | 4   | 12      |
| 275 Dark-eyed Junco        |            | 22     |        |        |          |      |       |           |         |         |     |         |
| pink-sided                 |            |        |        |        |          |      |       |           |         |         |     |         |
| gray-headed                | 3          |        |        |        | 1        |      | 71    |           |         | 1       |     |         |
| undifferentiated           |            |        |        |        |          |      |       |           |         |         |     |         |
| McCown's Longspur          |            |        |        |        |          |      |       |           |         |         |     |         |
| 276 Northern Cardinal      |            |        |        |        |          | 3    | 40    |           |         | 12      |     |         |
| 278 Pyrrhuloxia            |            |        |        |        | 10       | 30   | 3     | 3         |         | 1       | 1   |         |
| 279 Rose-breasted Grosbeak |            | 1      | 4      |        |          |      |       |           |         |         |     |         |
| 280 Black-headed Grosbeak  | 52         | 26     | 26     | 5      | 12       | 3    | 121   |           | 1       | 38      |     | 16      |
| 281 Blue Grosbeak          | 6          | 2      |        | 4      | 5        | 59   | 20    | 6         |         | 2       | 1   | 3       |
| 282 Lazuli Bunting         |            |        | 1      |        |          | 1    | 6     |           |         | 15      |     |         |
| 283 Indigo Bunting         |            |        | 1      | 1      |          | 11   | 3     | 17        |         | 1       |     |         |
| 284 Varied Bunting         |            |        |        |        |          | 2    |       |           |         |         |     |         |
| 285 Painted Bunting        |            |        |        |        |          | 24   |       |           |         |         |     |         |
| 286 Bobolink               |            |        |        |        |          |      |       |           |         |         |     |         |
| 287 Red-winged Blackbird   | 54         | 203    | 383    | 130    | 220      | 230  | 155   | 8         |         | 22      | 7   |         |
| 288 Eastern Meadowlark     |            | 2      |        |        |          | 6    | 15    |           |         | 7       |     |         |
| 289 Western Meadowlark     | 14         | 10     | 69     | 148    | 39       | 5    | 26    | 18        | 25      |         |     |         |



Table 4. Results of 2002 NM North American Migratory Bird Count by County

| Species                     | Berna-<br>lillo | Chaves | Colfax | DeBaca | Doña<br>Ana | Eddy  | Grant | Guada-<br>lupe | Harding | Hidalgo | Lea | Lincoln |
|-----------------------------|-----------------|--------|--------|--------|-------------|-------|-------|----------------|---------|---------|-----|---------|
| meadowlark species          |                 | 73     |        |        |             | 4     |       |                |         |         | 1   |         |
| 290 Yellow-headed Blackbird |                 | 55     | 46     | 32     |             |       | 5     | 1              |         |         |     |         |
| 291 Brewer's Blackbird      | 4               | 9      | 22     | 115    | 45          |       |       |                |         |         |     |         |
| 292 Common Grackle          |                 | 15     | 41     | 152    |             | 2     |       |                |         |         |     |         |
| 293 Great-tailed Grackle    | 103             | 1057   | 8      | 137    | 146         | 231   | 51    |                | 30      | 23      | 54  | 7       |
| 294 Bronzed Cowbird         |                 |        |        |        | 3           | 7     | 3     |                |         | 6       |     |         |
| 295 Brown-headed Cowbird    | 11              | 1      | 170    | 51     | 11          | 116   | 517   | 1              | 2       | 22      | 6   | 18      |
| 296 Orchard Oriole          |                 |        |        |        |             | 27    |       |                |         |         |     |         |
| 297 Hooded Oriole           |                 | 1      |        |        |             | 4     | 15    |                |         | 14      |     |         |
| 298 Bullock's Oriole        | 3               | 7      | 7      | 26     | 15          | 18    | 83    | 22             |         | 13      | 8   | 1       |
| 299 Scott's Oriole          | 4               |        |        |        | 4           | 8     | 6     |                |         | 21      |     |         |
| 300 Cassin's Finch          |                 |        | 2      |        |             |       | 3     |                |         |         |     |         |
| 301 House Finch             | 90              | 147    | 30     | 39     | 169         | 180   | 331   | 24             | 12      | 40      | 18  | 20      |
| 302 Red Crossbill           | 6               |        |        |        |             |       |       |                |         |         |     |         |
| 303 Pine Siskin             | 11              |        | 69     | 8      | 2           |       | 146   |                |         | 8       |     |         |
| 304 Lesser Goldfinch        |                 |        |        | 1      | 4           |       |       |                |         |         |     |         |
| black-backed                |                 |        |        | 2      | 24          |       |       |                |         |         |     |         |
| green-backed                |                 |        |        |        |             |       |       |                |         |         |     |         |
| undifferentiated            |                 | 1      | 6      |        |             | 5     | 104   |                |         | 2       |     | 2       |
| 305 American Goldfinch      | 7               | 11     | 5      | 17     |             |       | 20    |                |         |         |     |         |
| 306 Evening Grosbeak        |                 |        | 26     |        |             |       |       |                |         |         |     |         |
| 307 House Sparrow           | 70              | 491    | 21     | 121    | 143         | 553   | 190   |                | 30      | 16      | 33  | 8       |
|                             |                 |        |        |        |             |       |       |                |         |         |     |         |
|                             |                 |        |        |        |             |       |       |                |         |         |     |         |
| Total species               | 113             | 92     | 135    | 92     | 93          | 154   | 189   | 42             | 43      | 153     | 40  | 59      |
| Total Individuals           | 2,029           | 7,374  | 4,301  | 2,616  | 2,671       | 6,842 | 9,075 | 474            | 587     | 2,205   | 588 | 728     |
| Party-Hours                 | 45              | 38.5   | 11     | 18     | 13          | 47.5  | 84    | 8.5            | 4       | 45      | 9   | 10      |
| by foot                     | 37.5            | 1.5    | 7      | 9      | 8           | 19.5  | 52    | 0.5            | 2       | 29      | 3   | 4       |
| by car                      | 7.5             | 37     | 4      | 9      | 5           | 28    | 32    | 8              | 2       | 16      | 6   | 6       |
| Party-Miles                 | 263.5           | 247.5  | 212    | 99     | 28          | 678   | 418.5 | 3              | 67      | 285     | 84  | 114     |
| by foot                     | 28.5            | 1      | 4      | 4      | 4           | 15    | 22.5  | 3              | 2       | 18      | 2   | 3       |
| by car                      | 235             | 246.5  | 208    | 95     | 24          | 663   | 396   | 0              | 65      | 267     | 86  | 111     |
| Observers                   | 10              | 18     | 4      | 2      | 3           | 8     | 19    | 2              | 1       | 5       | 1   | 3       |
| Parties                     | 6               | 7      | 1      | 2      | 3           | 6     | 12    | 1              | 1       | 4       | 1   | 1       |
|                             |                 |        |        |        |             |       |       |                |         |         |     |         |
| Party-hours stationary      |                 |        |        |        | 11          |       |       |                |         |         |     |         |
| # observers stationary      |                 |        |        |        | 4           |       |       |                |         |         |     |         |
| # parties stationary        |                 |        |        |        | 3           |       |       |                |         |         |     |         |

Table 4. Results of 2002 NM North American Migratory Bird Count by County

| Species                                  | Berna-<br>lillo | Chaves | Colfax | DeBaca | Dofia<br>Ana | Eddy | Grant | Guada-<br>lupe | Harding | Hidalgo | Lea | Lincoln |
|------------------------------------------|-----------------|--------|--------|--------|--------------|------|-------|----------------|---------|---------|-----|---------|
| Feeder Watching<br>hours feeder watching |                 |        | 12     |        |              |      |       |                |         |         |     |         |
| # feeder watchers                        |                 |        | 4      |        |              |      |       |                |         |         |     |         |
| # parties (feeder watching)              |                 |        | 4      |        |              |      |       |                |         |         |     |         |
| Owling                                   |                 |        |        |        |              |      |       |                |         |         |     |         |
| party-miles owling                       |                 |        | 18     |        |              |      |       |                |         |         |     |         |
| # observers owling                       |                 |        | 1      |        |              |      |       |                |         |         |     |         |
| party-hours owling                       |                 |        | 2      |        |              |      |       |                |         |         |     |         |
| # parties owling                         |                 |        | 1      |        |              |      |       |                |         |         |     |         |

Table 4. Results of 2002 NM North American Migratory Bird Count by County

| Species                      | Los Alamos | Luna | Roosevelt | Sandoval | San Juan | San Miguel | Santa Fe | Socorro | Taos | Valencia | Totals |
|------------------------------|------------|------|-----------|----------|----------|------------|----------|---------|------|----------|--------|
| 1 Common Loon                |            |      |           | 3        |          | 5          |          | 59      |      |          | 75     |
| 2 Pied-billed Grebe          |            | 1    |           |          |          | 2          |          |         |      |          | 2      |
| 3 Horned Grebe               |            |      |           |          |          | 419        |          | 1       |      |          | 427    |
| 4 Eared Grebe                |            | 1    |           |          | 5        | 35         |          | 4       |      |          | 65     |
| 5 Western Grebe              |            |      |           |          |          | 89         |          | 6       |      |          | 109    |
| 6 Clark's Grebe              |            |      |           |          |          |            |          |         |      |          | 62     |
| <i>Aechmophorus</i> species  |            |      |           |          |          |            |          |         |      |          | 27     |
| 7 American White Pelican     |            |      |           |          |          |            |          | 2       |      |          | 34     |
| 8 Neotropical Cormorant      |            |      |           |          |          |            |          | 29      |      |          | 83     |
| 9 Double-crested Cormorant   |            |      |           | 14       |          | 20         | 1        | 14      |      |          | 83     |
| 10 Least Bittern             |            |      |           |          |          |            |          | 1       |      |          | 2      |
| 11 Great Blue Heron          |            |      |           |          |          | 3          |          | 21      | 1    | 1        | 61     |
| 12 Great Egret               |            |      |           |          |          | 1          |          | 51      |      |          | 57     |
| 13 Snowy Egret               |            |      |           |          |          | 3          |          | 120     |      | 8        | 158    |
| 14 Little Blue Heron         |            |      |           |          |          |            |          | 2       |      |          | 2      |
| 15 Cattle Egret              |            |      |           |          |          | 2          |          | 21      |      | 8        | 39     |
| 16 Green Heron               |            |      |           |          |          | 2          |          | 8       |      |          | 25     |
| 17 Black-crowned Night-Heron |            |      |           | 2        | 35       | 24         |          | 9       | 1    | 14       | 103    |
| 18 White Ibis                |            |      |           |          |          |            |          | 1       |      |          | 1      |
| 19 Glossy Ibis               |            |      |           |          |          | 1          |          |         |      |          | 1      |
| 20 White-faced Ibis          | 38         | 1    |           |          | 15       | 32         |          | 186     | 3    |          | 308    |
| 21 Turkey Vulture            |            | 19   | 1         | 11       | 28       | 67         | 34       | 31      | 22   | 13       | 927    |
| 22 Snow Goose                |            |      |           |          |          |            |          |         |      |          | 5      |
| 23 Ross's Goose              |            |      |           | 6        |          | 85         |          | 75      | 16   |          | 2      |
| 24 Canada Goose              |            |      |           |          |          |            |          | 2       |      | 7        | 430    |
| 25 Wood Duck                 |            | 1    |           | 11       |          | 307        |          | 87      | 6    |          | 39     |
| 26 Gadwall                   |            |      |           | 3        | 3        | 83         |          | 5       |      |          | 595    |
| 27 American Wigeon           |            |      |           |          |          |            |          |         |      |          | 114    |
| 28 Mallard                   |            |      |           |          |          |            |          |         |      |          |        |
| Mallard form                 |            |      | 4         | 27       | 56       | 155        | 34       | 92      | 20   | 56       | 1056   |
| Mexican form                 |            | 25   |           |          |          | 1          |          | 8       |      |          | 135    |
| Mallard/Mexican form         |            |      |           |          |          |            |          |         |      |          | 20     |
| 29 Blue-winged Teal          |            |      | 2         |          |          | 23         |          | 16      |      |          | 112    |
| 30 Cinnamon Teal             |            |      |           |          | 6        | 57         |          | 65      | 10   | 3        | 179    |
| 31 Northern Shoveler         |            | 3    |           |          |          | 180        |          | 17      | 2    |          | 420    |
| 32 Northern Pintail          |            |      |           |          |          | 2          |          | 20      |      |          | 39     |
| 33 Green-winged Teal         |            |      |           | 2        | 7        | 128        |          | 92      | 1    |          | 329    |
| 34 Canvasback                |            |      |           |          |          | 2          |          |         |      |          | 2      |
| 35 Redhead                   |            |      |           |          |          | 65         |          | 30      |      |          | 111    |

Table 4. Results of 2002 NIM North American Migratory Bird Count by County

| Species                   | Los Alamos | Luna | Roosevelt | Sandoval | San Juan | San Miguel | Santa Fe | Socorro | Taos | Valencia | Totals |
|---------------------------|------------|------|-----------|----------|----------|------------|----------|---------|------|----------|--------|
| 36 Ring-necked Duck       |            |      |           |          |          | 4          |          | 4       |      |          | 18     |
| 37 Lesser Scaup           |            |      |           |          | 2        | 3          |          | 1       |      | 1        | 15     |
| 38 Bufflehead             |            |      |           |          |          | 8          |          |         |      |          | 10     |
| 39 Hooded Merganser       |            |      |           |          |          |            |          | 6       |      |          | 6      |
| 40 Common Merganser       |            |      |           |          |          |            |          |         |      |          | 34     |
| 41 Ruddy Duck             |            | 8    |           | 2        | 6        | 465        |          | 73      | 5    | 1        | 771    |
| 42 Osprey                 |            |      |           |          |          |            |          |         |      |          | 406    |
| 43 Mississippi Kite       |            |      |           |          |          | 1          |          | 1       |      |          | 7      |
| 44 Bald Eagle             |            |      |           |          |          | 1          |          | 1       |      | 3        | 18     |
| 45 Northern Harrier       |            |      |           |          | 4        |            | 1        | 2       | 2    | 1        | 12     |
| 46 Sharp-shinned Hawk     | 1          |      |           |          | 1        |            | 1        | 2       | 1    |          | 13     |
| 47 Cooper's Hawk          | 1          |      |           | 4        |          | 3          | 2        | 9       |      |          | 34     |
| 48 Common Black-Hawk      | 3          |      |           |          |          |            |          |         |      |          | 3      |
| 49 Harris's Hawk          |            | 1    |           |          |          |            |          |         |      |          | 25     |
| 50 Swainson's Hawk        |            | 5    | 7         |          |          | 9          |          | 2       |      | 3        | 83     |
| 51 Zone-tailed Hawk       |            |      |           |          |          |            |          |         |      |          | 6      |
| 52 Red-tailed Hawk        | 5          | 1    |           | 2        | 8        | 13         | 4        | 4       | 4    | 1        | 86     |
| 53 Ferruginous Hawk       |            |      |           |          |          |            |          |         |      | 1        | 1      |
| 54 Golden Eagle           |            |      |           |          | 2        | 2          |          |         | 1    |          | 3      |
| 55 American Kestrel       | 4          | 3    | 7         | 3        | 13       | 21         | 5        | 25      | 7    | 12       | 173    |
| 56 Peregrine Falcon       | 2          |      |           |          |          |            |          |         |      |          | 5      |
| 57 Prairie Falcon         |            |      |           |          |          | 2          |          |         |      |          | 4      |
| 58 Ring-necked Pheasant   |            |      |           | 3        | 3        |            | 1        | 15      |      | 9        | 57     |
| 59 Lesser Prairie-Chicken |            |      | 10        |          |          |            |          | 3       |      |          | 10     |
| 60 Wild Turkey            |            |      | 15        |          |          | 8          |          |         |      |          | 78     |
| 61 Scaled Quail           | 4          | 6    |           |          | 6        |            |          | 2       |      | 7        | 115    |
| 62 Gambel's Quail         |            | 63   |           | 5        | 28       |            |          | 66      |      |          | 553    |
| 63 Northern Bobwhite      |            |      |           |          |          | 6          |          |         |      |          | 11     |
| 64 Virginia Rail          |            |      |           |          |          | 1          |          | 8       | 1    |          | 18     |
| 65 Sora                   |            |      |           |          | 2        |            |          | 7       |      |          | 14     |
| 66 Common Moorhen         |            |      |           |          |          |            |          | 5       |      |          | 7      |
| 67 American Coot          |            | 7    |           | 10       | 28       | 987        | 2        | 378     | 5    | 2        | 1852   |
| 68 Snowy Plover           |            |      |           |          |          | 1          |          | 3       |      |          | 220    |
| 69 Semipalmated Plover    |            |      |           |          |          |            |          | 13      |      |          | 15     |
| 70 Killdeer               |            | 5    | 7         | 3        | 14       | 36         | 7        | 24      | 1    | 10       | 323    |
| 71 Black-necked Stilt     |            |      |           |          |          | 2          |          | 16      |      | 23       | 241    |

Table 4. Results of 2002 NM North American Migratory Bird Count by County

|     | Species                | Los Alamos | Luna | Roosevelt | Sandoval | San Juan | San Miguel | Santa Fe | Socorro | Taos | Valencia | Totals |
|-----|------------------------|------------|------|-----------|----------|----------|------------|----------|---------|------|----------|--------|
| 72  | American Avocet        |            |      |           |          | 7        | 123        |          | 2       |      | 4        | 598    |
| 73  | Greater Yellowlegs     |            |      |           |          |          | 1          |          | 3       |      |          | 11     |
| 74  | Lesser Yellowlegs      |            |      |           |          |          |            |          | 5       |      |          | 5      |
| 75  | Solitary Sandpiper     |            |      |           |          |          | 1          |          | 1       |      |          | 1      |
| 76  | Willet                 |            |      |           |          |          |            |          | 16      |      |          | 19     |
| 77  | Spotted Sandpiper      | 1          | 8    | 1         | 2        | 2        | 17         | 9        | 25      | 3    | 5        | 227    |
| 78  | Long-billed Curlew     |            |      |           |          |          | 2          |          | 6       |      |          | 6      |
| 79  | Marbled Godwit         |            |      |           |          |          | 1          |          | 1       |      |          | 2      |
| 80  | Sanderling             |            |      |           |          |          | 2          |          |         |      |          | 3      |
| 81  | Semipalmated Sandpiper |            |      |           |          |          | 3          |          |         |      |          | 3      |
| 82  | Western Sandpiper      |            |      |           |          | 4        | 2          |          | 16      |      |          | 33     |
| 83  | Least Sandpiper        |            |      |           |          |          | 1          |          | 12      |      |          | 59     |
| 84  | Baird's Sandpiper      |            |      |           |          |          | 4          |          | 1       |      |          | 17     |
| 85  | Pectoral Sandpiper     |            |      |           |          |          | 2          |          | 1       |      |          | 4      |
|     | unidentified peeps     |            |      |           |          |          | 8          |          |         |      |          | 58     |
| 86  | Silt Sandpiper         |            |      |           |          |          |            |          |         |      |          | 1      |
| 87  | Long-billed Dowitcher  |            |      |           |          | 10       | 53         |          | 64      |      |          | 156    |
| 88  | Wilson's Snipe         |            |      |           |          |          |            |          |         | 10   |          | 24     |
| 89  | Wilson's Phalarope     |            | 85   | 2         |          |          | 306        | 1        | 161     | 11   | 12       | 1163   |
| 90  | Red-necked Phalarope   |            |      |           |          |          |            |          |         |      |          | 2      |
|     | sandpiper species      |            |      |           |          |          |            |          |         |      |          | 2      |
| 91  | Franklin's Gull        |            |      |           |          |          | 48         |          |         |      |          | 67     |
| 92  | Bonaparte's Gull       |            |      |           |          |          | 1          |          |         |      |          | 1      |
| 93  | Ring-billed Gull       |            | 2    |           | 14       | 10       | 64         |          | 11      |      | 6        | 181    |
| 94  | California Gull        |            |      |           |          |          | 2          |          |         |      |          | 3      |
| 95  | Forster's Tern         |            |      |           |          | 3        | 11         |          |         |      |          | 37     |
| 96  | Least Tern             |            |      |           |          |          |            |          |         |      |          | 4      |
| 97  | Black Tern             |            |      |           |          |          |            |          | 1       |      |          | 1      |
| 98  | Rock Pigeon            | 2          | 7    |           | 39       | 28       | 26         | 175      | 80      | 24   | 50       | 1089   |
| 99  | Band-tailed Pigeon     | 7          |      |           | 1        |          | 8          |          | 1       | 19   |          | 235    |
| 100 | Ringed Turtle-Dove     |            |      |           |          |          |            |          |         |      |          | 1      |
| 101 | Eurasian Collared-Dove |            |      |           |          | 16       |            |          | 2       |      | 1        | 65     |
| 102 | White-winged Dove      | 4          | 76   |           |          | 1        | 2          | 16       | 72      |      | 4        | 1677   |
| 103 | Mourning Dove          | 67         | 343  | 54        | 20       | 109      | 154        | 87       | 163     | 69   | 55       | 3728   |
| 104 | Inca Dove              |            | 7    |           |          | 5        |            |          | 3       |      |          | 92     |
| 105 | Common Ground-Dove     |            |      |           |          |          |            |          |         |      |          | 1      |
| 106 | Yellow-billed Cuckoo   |            |      |           |          |          | 1          |          |         |      |          | 6      |
| 107 | Greater Roadrunner     |            | 3    | 4         | 3        |          |            |          | 11      |      | 10       | 65     |
| 108 | Barn Owl               |            |      | 3         |          |          |            |          | 1       |      |          | 9      |

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| Species                            | Los Alamos | Luna | Roosevelt | Sandoval | San Juan | San Miguel | Santa Fe | Socorro | Taos | Valencia | Totals |
|------------------------------------|------------|------|-----------|----------|----------|------------|----------|---------|------|----------|--------|
| 109 Flammulated Owl                |            |      |           |          |          |            |          | 4       |      |          | 6      |
| 110 Western Screech-Owl            |            |      |           | 2        |          |            |          | 4       |      |          | 12     |
| 111 Great Horned Owl               |            |      |           | 4        |          | 6          |          | 9       |      |          | 39     |
| 112 Northern Pygmy-Owl             |            |      |           |          | 1        |            |          | 1       |      |          | 2      |
| 113 Elf Owl                        |            |      |           |          |          |            |          |         |      |          | 7      |
| 114 Burrowing Owl                  |            | 1    | 16        |          | 2        | 1          |          | 1       |      | 2        | 74     |
| 115 Spotted Owl                    |            |      |           |          |          |            |          |         |      |          | 4      |
| 116 Lesser Nighthawk               |            |      |           |          |          |            |          | 150     |      |          | 186    |
| 117 Common Nighthawk               |            |      | 10        |          |          | 3          |          | 4       |      | 1        | 116    |
| 118 Common Poorwill                |            |      |           |          |          |            |          | 1       |      |          | 6      |
| 119 Whip-poor-will                 |            |      |           |          |          |            |          | 3       |      |          | 13     |
| 120 Chimney Swift                  |            |      |           |          |          |            |          |         |      |          | 10     |
| 121 White-throated Swift           | 72         |      |           |          | 14       | 7          |          | 7       | 5    |          | 224    |
| 122 Broad-billed Hummingbird       |            |      |           |          |          |            |          |         |      |          | 7      |
| 123 Blue-throated Hummingbird      |            |      |           |          |          |            |          |         |      |          | 1      |
| 124 Magnificent Hummingbird        |            |      |           |          |          |            |          |         |      |          | 8      |
| 125 Lucifer Hummingbird            |            |      |           |          |          |            |          |         |      |          | 2      |
| 126 Black-chinned Hummingbird      | 8          | 2    |           | 75       | 41       | 11         | 12       | 109     | 5    | 16       | 870    |
| 127 Calliope Hummingbird           |            |      |           |          |          |            |          |         |      |          | 1      |
| 128 Broad-tailed Hummingbird       | 114        |      |           | 6        | 7        | 41         | 40       | 8       | 55   | 2        | 618    |
| 129 Rufous Hummingbird             |            |      |           |          |          |            |          |         |      |          | 1      |
| hummingbird species                |            |      |           |          |          |            | 14       | 2       |      |          | 16     |
| 130 Elegant Trogon                 |            |      |           |          |          |            |          |         |      |          | 1      |
| 131 Belted Kingfisher              |            |      |           |          | 1        | 1          | 1        | 2       | 5    | 1        | 17     |
| 132 Lewis's Woodpecker             |            |      |           |          | 1        | 7          |          | 1       | 1    | 3        | 15     |
| 133 Red-headed Woodpecker          |            |      |           |          |          | 1          |          |         |      |          | 3      |
| 134 Acorn Woodpecker               | 5          |      |           | 1        |          |            |          | 15      |      |          | 47     |
| 135 Gila Woodpecker                |            |      |           |          |          |            |          |         |      |          | 17     |
| 136 Williamson's Sapsucker         | 3          |      |           |          |          |            |          |         |      |          | 3      |
| 137 Red-naped Sapsucker            | 2          |      |           |          | 1        | 1          |          |         | 1    |          | 6      |
| 138 Ladder-backed Woodpecker       |            | 2    |           | 2        |          | 7          | 2        | 5       |      |          | 79     |
| 139 Downy Woodpecker               | 4          |      |           |          |          | 1          | 3        | 1       | 2    | 2        | 15     |
| 140 Hairy Woodpecker               | 21         |      |           |          | 2        | 4          | 2        | 4       | 2    |          | 50     |
| 141 Arizona Woodpecker             |            |      |           |          |          |            |          |         |      |          | 7      |
| 142 Northern (red-shafted) Flicker | 36         |      |           | 3        | 5        | 20         | 11       | 17      | 14   | 7        | 169    |
| 143 Northern Beardless-Tyrannulet  |            |      |           |          |          |            |          |         |      |          | 2      |
| 144 Olive-sided Flycatcher         |            | 3    | 1         |          | 1        | 5          |          |         |      |          | 14     |
| 145 Greater Pewee                  |            |      |           |          |          |            |          |         |      |          | 9      |
| 146 Western Wood-Pewee             | 10         | 8    | 1         | 2        |          | 11         | 4        | 32      |      | 2        | 180    |



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| Species                       | Los Alamos | Luna | Roosevelt | Sandoval | San Juan | San Miguel | Santa Fe | Socorro | Taos | Valencia | Totals |
|-------------------------------|------------|------|-----------|----------|----------|------------|----------|---------|------|----------|--------|
| 147 Willow Flycatcher         |            |      | 1         |          |          |            |          | 3       | 2    |          | 19     |
| 148 Hammond's Flycatcher      | 3          |      |           |          |          | 6          |          | 3       | 4    |          | 21     |
| 149 Gray Flycatcher           | 1          | 2    |           |          | 3        | 5          |          | 6       | 1    | 1        | 31     |
| 150 Dusky Flycatcher          | 9          |      |           |          |          | 3          |          | 13      | 3    | 1        | 55     |
| 151 Cordilleran Flycatcher    | 4          | 1    |           |          |          | 1          | 6        | 4       | 2    | 1        | 30     |
| <i>Empidonax</i> species      | 13         | 5    |           |          | 6        | 13         |          | 14      |      |          | 71     |
| 152 Black Phoebe              |            |      |           | 3        | 1        | 2          | 6        | 12      |      | 6        | 100    |
| 153 Eastern Phoebe            |            |      |           |          |          | 3          |          |         |      | 11       | 11     |
| 154 Say's Phoebe              | 9          | 1    |           | 3        | 4        | 37         | 21       | 16      | 4    | 4        | 214    |
| 155 Vermilion Flycatcher      |            |      |           |          |          | 3          |          | 3       |      |          | 107    |
| 156 Dusky-capped Flycatcher   |            |      |           |          |          |            |          |         |      |          | 13     |
| 157 Ash-throated Flycatcher   | 9          |      | 1         | 5        | 14       | 27         | 8        | 54      | 1    | 9        | 293    |
| 158 Brown-crested Flycatcher  |            |      |           |          |          |            |          |         |      |          | 11     |
| 159 Cassin's Kingbird         | 11         | 1    |           | 4        | 16       | 33         | 25       | 1       | 2    | 3        | 308    |
| 160 Western Kingbird          | 2          | 121  | 52        | 3        | 38       | 46         | 2        | 113     | 1    | 63       | 2335   |
| 161 Eastern Kingbird          |            |      |           |          |          |            | 1        |         |      |          | 9      |
| 162 Scissor-tailed Flycatcher |            |      | 10        |          |          |            |          |         |      |          | 41     |
| 163 Loggerhead Shrike         |            | 3    | 6         |          | 3        |            |          | 3       |      |          | 38     |
| 164 Bell's Vireo              |            |      |           |          |          |            |          | 1       |      |          | 58     |
| 165 Plumbeous Vireo           | 21         |      |           | 3        | 6        | 15         | 18       | 22      | 6    | 1        | 169    |
| 166 Cassin's Vireo            |            |      |           |          |          |            |          |         |      |          | 2      |
| "solitary vireo species"      |            |      |           |          |          |            |          | 4       |      |          | 4      |
| 167 Hutton's Vireo            |            | 1    |           |          |          |            |          | 2       |      |          | 14     |
| 168 Warbling Vireo            | 21         | 5    |           | 3        | 1        | 20         | 3        | 42      | 29   | 1        | 193    |
| 169 Red-eyed Vireo            |            |      | 1         |          |          | 1          |          | 2       |      |          | 2      |
| 170 Steller's Jay             | 45         |      |           | 5        | 2        | 14         | 8        | 6       | 18   |          | 146    |
| 171 Blue Jay                  |            |      |           |          |          | 3          |          | 39      |      |          | 39     |
| 172 Western Scrub-Jay         | 67         |      |           | 11       | 22       | 11         | 66       | 8       | 20   |          | 329    |
| 173 Mexican Jay               |            |      |           |          |          |            |          |         |      |          | 159    |
| 174 Pinyon Jay                | 39         |      |           |          | 16       | 16         | 1        | 2       | 15   |          | 100    |
| jay species                   |            |      |           |          |          |            |          | 1       |      |          | 1      |
| 175 Clark's Nutcracker        | 3          |      |           |          |          | 1          |          |         | 10   |          | 15     |
| 176 Black-billed Magpie       | 2          |      |           | 2        | 59       | 41         | 69       |         | 100  |          | 305    |
| 177 American Crow             | 59         |      |           | 21       | 9        | 18         | 61       | 3       | 48   | 14       | 325    |
| 178 Chihuahuan Raven          |            | 85   | 21        |          |          | 10         |          | 51      |      | 7        | 450    |
| 179 Common Raven              | 110        |      |           | 18       | 200      | 65         | 185      | 31      | 113  | 12       | 1067   |
| raven species                 |            |      |           |          |          | 25         |          | 17      |      |          | 77     |
| 180 Horned Lark               |            |      |           |          | 127      | 646        | 15       | 18      | 44   | 5        | 1021   |
| 181 Purple Martin             |            |      |           |          |          |            |          |         |      |          | 14     |

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| Species                           | Los Alamos | Luna | Roosevelt | Sandoval | San Juan | San Miguel | Santa Fe | Socorro | Taos | Valencia | Totals |
|-----------------------------------|------------|------|-----------|----------|----------|------------|----------|---------|------|----------|--------|
| 182 Tree Swallow                  |            | 1    |           |          |          | 4          |          | 3       | 10   |          | 69     |
| 183 Violet-green Swallow          | 132        |      |           | 52       | 96       | 119        | 222      | 28      | 188  | 4        | 1561   |
| 184 Northern Rough-winged Swallow |            | 1    |           | 28       | 16       | 21         | 61       | 233     | 60   | 31       | 622    |
| 185 Bank Swallow                  |            | 7    |           | 5        |          | 31         | 3        | 43      | 11   | 13       | 397    |
| 186 Cliff Swallow                 |            | 12   |           | 3        | 87       | 584        | 89       | 310     | 2    | 294      | 3554   |
| 187 Cave Swallow                  |            |      |           |          |          |            |          |         |      |          | 405    |
| 188 Barn Swallow                  | 2          | 16   | 18        | 17       | 24       | 43         | 15       | 656     | 12   | 17       | 1511   |
| swallow species                   |            |      |           |          |          |            |          |         |      |          | 3      |
| 189 Black-capped Chickadee        |            |      |           | 3        | 3        | 6          | 4        | 2       |      |          | 22     |
| 190 Mountain Chickadee            | 36         |      |           | 6        | 2        | 9          | 22       | 4       | 24   |          | 139    |
| 191 Mexican Chickadee             |            |      |           |          |          |            |          |         |      |          | 6      |
| 192 Bridled Titmouse              |            |      |           |          |          |            |          |         |      |          | 31     |
| 193 Juniper Titmouse              | 5          |      |           |          | 8        | 4          | 3        | 2       | 4    |          | 61     |
| 194 Verdin                        |            | 1    |           |          |          |            |          | 4       |      |          | 33     |
| 195 Bush tit                      | 3          |      |           | 5        | 2        | 10         | 9        | 16      | 9    | 2        | 183    |
| 196 Red-breasted Nuthatch         | 5          |      |           | 3        |          | 5          | 1        | 4       | 7    |          | 30     |
| 197 White-breasted Nuthatch       | 31         |      |           | 12       | 3        | 6          | 4        | 7       | 3    | 1        | 122    |
| 198 Pygmy Nuthatch                | 30         |      |           | 5        |          | 6          |          |         | 3    |          | 56     |
| 199 Brown Creeper                 | 3          |      |           |          |          | 4          |          | 1       |      |          | 13     |
| 200 Cactus Wren                   |            | 14   |           |          |          | 1          | 1        | 1       |      |          | 55     |
| 201 Rock Wren                     | 1          |      |           |          | 1        | 5          |          | 3       | 3    | 3        | 50     |
| 202 Canyon Wren                   | 9          | 2    |           |          |          | 4          |          | 1       |      |          | 55     |
| 203 Carolina Wren                 |            |      |           |          |          |            |          | 1       |      |          | 1      |
| 204 Bewick's Wren                 |            |      |           | 11       | 10       | 7          | 8        | 32      | 4    | 3        | 205    |
| 205 House Wren                    | 18         |      | 1         | 3        | 1        | 39         | 2        | 5       | 9    | 1        | 139    |
| 206 Marsh Wren                    |            |      |           |          |          |            |          | 1       | 150  |          | 155    |
| 207 American Dipper               |            |      |           |          |          | 1          |          |         | 3    |          | 5      |
| 208 Ruby-crowned Kinglet          | 35         | 2    |           | 7        |          | 3          | 2        | 8       | 1    |          | 68     |
| 209 Blue-gray Gnatcatcher         | 4          |      |           | 2        | 6        | 2          |          | 7       | 1    |          | 35     |
| 210 Black-tailed Gnatcatcher      |            |      |           |          |          |            |          |         |      |          | 3      |
| 211 Western Bluebird              | 52         |      |           |          | 26       | 21         | 19       | 3       | 11   | 1        | 180    |
| 212 Mountain Bluebird             | 5          |      |           |          | 24       | 4          | 10       |         | 12   |          | 56     |
| bluebird species                  |            |      |           |          |          |            |          |         |      |          | 1      |
| 213 Townsend's Solitaire          | 7          |      |           |          | 1        | 1          | 1        |         |      |          | 11     |
| 214 Swainson's Thrush             |            |      |           |          |          |            |          |         |      |          | 5      |
| 215 Hermit Thrush                 | 15         | 2    | 1         |          |          | 17         | 3        | 9       | 3    | 6        | 92     |
| 216 American Robin                | 121        | 8    |           | 19       | 49       | 121        | 150      | 29      | 56   | 6        | 1076   |
| 217 Gray Catbird                  |            |      |           |          |          | 4          |          | 1       |      |          | 7      |
| 218 Northern Mockingbird          | 3          | 20   | 26        | 3        | 10       | 116        | 17       | 87      | 6    | 24       | 1242   |

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|-----------------------------|------------|------|-----------|----------|----------|------------|----------|---------|------|----------|--------|
| 219 Sage Thrasher           |            |      |           |          | 4        |            |          |         | 14   |          | 18     |
| 220 Bendire's Thrasher      |            |      |           |          |          |            |          |         |      |          | 1      |
| 221 Curve-billed Thrasher   |            | 6    | 7         |          |          | 1          | 5        | 1       |      |          | 115    |
| 222 Crissal Thrasher        |            |      |           |          |          |            |          | 2       |      |          | 13     |
| 223 European Starling       | 41         | 15   | 9         | 42       | 83       | 181        | 131      | 49      | 117  | 50       | 2063   |
| 224 Cedar Waxwing           | 5          | 2    |           |          | 13       | 16         | 15       | 10      |      |          | 155    |
| 225 Phainopepla             |            |      |           |          |          |            |          |         |      |          | 105    |
| 226 Olive Warbler           |            |      |           |          |          |            |          | 3       |      |          | 3      |
| 227 Tennessee Warbler       |            |      |           |          |          |            |          |         |      |          | 1      |
| 228 Orange-crowned Warbler  | 7          |      |           |          | 1        | 6          |          | 9       | 6    |          | 43     |
| 229 Nashville Warbler       |            |      |           |          |          | 1          |          |         |      |          | 2      |
| 230 Virginia's Warbler      | 21         |      |           |          | 2        | 32         | 3        | 11      | 25   |          | 162    |
| 231 Lucy's Warbler          |            |      |           |          |          |            |          | 7       |      |          | 102    |
| 232 Northern Parula         |            |      |           |          |          | 2          |          |         |      |          | 2      |
| 233 Yellow Warbler          | 6          | 1    |           | 5        | 3        | 43         | 7        | 21      | 7    | 1        | 215    |
| 234 Chestnut-sided Warbler  |            |      |           |          |          | 1          |          |         |      |          | 2      |
| 235 Yellow-rumped Warbler   |            |      |           |          |          |            |          |         |      |          |        |
| Myrtle                      |            |      |           |          |          |            |          |         |      |          |        |
| Audubon's                   |            | 7    | 2         |          | 34       |            | 22       | 2       |      |          | 27     |
| undifferentiated            | 49         |      |           |          |          |            | 1        | 98      |      | 37       | 307    |
| Black-throated Gray Warbler | 2          |      |           | 31       | 5        | 50         | 7        | 2       | 18   |          | 284    |
| 236 Townsend's Warbler      |            |      |           |          | 8        |            |          | 8       | 24   | 1        | 65     |
| 237 Grace's Warbler         |            |      |           | 5        |          |            |          | 1       |      |          | 17     |
| 238 Black-and-white Warbler | 24         |      |           | 4        | 1        | 9          | 2        | 20      | 5    |          | 97     |
| 239 American Redstart       |            |      | 1         | 1        |          |            | 1        | 1       |      |          | 2      |
| 240 Prothonotary Warbler    |            |      |           |          |          |            |          |         |      |          | 3      |
| 241 Ovenbird                |            |      | 1         |          |          |            |          |         |      |          | 1      |
| 242 Northern Waterthrush    |            |      |           |          |          |            |          | 1       |      |          | 4      |
| 243 MacGillivray's Warbler  | 47         | 3    | 1         | 3        | 7        | 24         | 1        | 56      | 1    | 6        | 245    |
| 244 Common Yellowthroat     |            | 2    |           | 5        |          | 4          | 2        | 21      | 2    | 2        | 81     |
| 245 Hooded Warbler          |            |      |           |          |          |            |          | 1       |      |          | 1      |
| 246 Wilson's Warbler        | 23         | 3    | 1         | 5        | 8        | 35         | 16       | 74      | 9    | 4        | 525    |
| 247 Red-faced Warbler       |            |      |           |          |          |            |          | 3       |      |          | 29     |
| 248 Painted Redstart        |            |      |           |          |          |            |          | 15      |      |          | 15     |
| 249 Yellow-breasted Chat    |            |      |           | 7        | 1        | 5          | 2        | 20      | 2    | 2        | 109    |
| 250 Hepatic Tanager         | 1          |      |           |          |          | 1          |          | 6       |      |          | 52     |
| 251 Summer Tanager          |            |      |           |          |          | 9          |          | 27      |      | 7        | 125    |
| 252 Western Tanager         | 27         | 2    | 2         | 11       | 6        | 15         | 19       | 22      | 35   | 3        | 263    |
| 253 Green-tailed Towhee     | 41         | 1    |           |          | 3        | 17         | 5        | 14      | 9    | 1        | 143    |

Table 4. Results of 2002 NM North American Migratory Bird Count by County

| Species                    | Los Alamos | Luna | Roosevelt | Sandoval | San Juan | San Miguel | Santa Fe | Socorro | Taos | Valencia | Totals |
|----------------------------|------------|------|-----------|----------|----------|------------|----------|---------|------|----------|--------|
| 255 Spotted Towhee         | 91         | 2    |           | 9        | 11       | 39         | 104      | 45      | 13   | 7        | 498    |
| 256 Canyon Towhee          | 50         | 8    | 1         | 2        |          | 3          | 27       |         | 3    |          | 202    |
| 257 Abert's Towhee         |            |      |           |          |          |            |          |         |      |          | 17     |
| 258 Cassin's Sparrow       |            |      | 7         |          |          |            |          |         |      |          | 35     |
| 259 Rufous-crowned Sparrow |            | 1    |           |          |          | 1          |          |         |      |          | 18     |
| 260 Chipping Sparrow       | 185        | 30   | 8         | 4        | 112      | 58         | 19       | 177     | 14   | 5        | 1190   |
| 261 Clay-colored Sparrow   |            |      |           |          |          |            |          |         |      |          | 6      |
| 262 Brewer's Sparrow       | 19         | 6    | 8         |          | 25       | 5          |          | 42      | 8    | 7        | 225    |
| 263 Black-chinned Sparrow  |            | 1    |           | 2        |          | 1          |          |         |      |          | 10     |
| 264 Vesper Sparrow         | 1          |      |           | 2        | 3        | 33         | 3        |         | 36   |          | 103    |
| 265 Lark Sparrow           | 5          | 8    |           | 4        | 38       | 38         | 20       | 33      | 3    | 46       | 436    |
| 266 Black-throated Sparrow |            | 4    |           |          | 1        | 2          | 2        | 21      |      |          | 79     |
| 267 Sage Sparrow           |            |      |           |          |          |            |          |         | 6    |          | 6      |
| 268 Lark Bunting           |            | 8    | 75        |          |          |            |          |         |      |          | 495    |
| 269 Savannah Sparrow       |            |      |           |          | 4        |            |          | 1       |      |          | 19     |
| 270 Fox Sparrow            |            |      |           |          |          |            |          |         |      |          | 2      |
| 271 Song Sparrow           | 2          |      |           |          | 6        | 12         | 5        | 1       | 31   |          | 98     |
| 272 Lincoln's Sparrow      | 1          |      |           |          |          | 3          |          | 1       |      | 1        | 19     |
| 273 White-throated Sparrow |            |      |           |          |          | 1          |          |         |      |          | 2      |
| 274 White-crowned Sparrow  | 66         | 8    | 2         |          | 44       | 33         | 30       | 96      | 5    | 35       | 785    |
| sparrow species            |            |      |           |          |          |            |          |         |      |          | 22     |
| 275 Dark-eyed Junco        |            |      |           |          |          |            |          |         |      |          | 2      |
| pink-sided                 |            |      |           |          | 2        |            |          |         |      |          | 2      |
| gray-headed                |            | 3    |           |          |          |            |          | 9       |      |          | 16     |
| undifferentiated           | 31         |      |           | 6        | 2        | 6          | 1        | 1       | 20   |          | 139    |
| McCown's Longspur          |            |      |           |          |          |            |          |         | 2    |          | 2      |
| 277 Northern Cardinal      |            |      |           |          |          | 1          |          |         |      |          | 56     |
| 278 Pyrrhuloxia            |            | 1    |           |          |          |            |          | 2       |      |          | 48     |
| 279 Rose-breasted Grosbeak | 1          |      | 1         |          | 1        |            |          | 2       | 4    |          | 17     |
| 280 Black-headed Grosbeak  | 61         | 4    |           | 10       | 20       | 43         | 53       | 108     | 34   | 19       | 626    |
| 281 Blue Grosbeak          |            | 2    | 3         | 4        |          | 19         | 2        | 10      |      | 2        | 150    |
| 282 Lazuli Bunting         |            |      |           | 2        | 5        | 3          | 5        | 9       |      | 1        | 48     |
| 283 Indigo Bunting         |            |      |           |          | 1        |            |          | 4       |      |          | 39     |
| 284 Varied Bunting         |            |      |           |          |          |            |          |         |      |          | 2      |
| 285 Painted Bunting        |            |      |           |          |          |            |          |         |      |          | 24     |
| 286 Bobolink               |            |      |           |          |          |            |          |         |      |          | 1      |
| 287 Red-winged Blackbird   | 1          | 35   | 28        |          | 145      | 174        | 36       | 390     | 107  | 41       | 2431   |
| 288 Eastern Meadowlark     |            | 1    |           |          |          |            |          | 6       |      | 3        | 40     |
| 289 Western Meadowlark     |            |      |           | 3        | 27       | 128        | 12       | 12      | 16   | 24       | 576    |

Table 4. Results of 2002 NM North American Migratory Bird Count by County

| Species                     | Los Alamos | Luna  | Roosevelt | Sandoval | San Juan | San Miguel | Santa Fe | Socorro | Taos  | Valencia | Totals |
|-----------------------------|------------|-------|-----------|----------|----------|------------|----------|---------|-------|----------|--------|
| meadowlark species          | 1          |       | 52        |          |          |            |          |         |       |          | 131    |
| 290 Yellow-headed Blackbird |            | 5     | 1         | 2        | 81       | 261        |          | 31      | 219   | 1        | 740    |
| 291 Brewer's Blackbird      | 8          |       |           | 8        | 19       | 63         | 15       | 3       | 84    |          | 395    |
| 292 Common Grackle          |            | 1     |           |          | 22       | 94         | 6        | 5       | 22    | 7        | 367    |
| 293 Great-tailed Grackle    |            | 119   | 24        | 21       | 23       | 14         | 12       | 69      | 7     | 42       | 2178   |
| 294 Bronzed Cowbird         |            | 3     |           |          |          |            |          |         |       |          | 22     |
| 295 Brown-headed Cowbird    | 79         | 2     | 2         | 5        | 95       | 53         | 27       | 217     | 24    | 17       | 1447   |
| 296 Orchard Oriole          |            |       |           |          |          |            |          |         |       |          | 27     |
| 297 Hooded Oriole           | 1          |       |           |          |          |            |          |         |       |          | 35     |
| 298 Bullock's Oriole        | 4          | 15    | 15        | 2        | 37       | 34         | 18       | 34      | 3     | 14       | 379    |
| 299 Scott's Oriole          |            | 10    |           |          |          | 2          |          | 1       |       |          | 56     |
| 300 Cassin's Finch          | 1          |       |           |          |          |            | 2        |         | 7     |          | 15     |
| 301 House Finch             | 167        | 274   |           | 16       | 190      | 20         | 252      | 100     | 131   | 38       | 2288   |
| 302 Red Crossbill           | 10         |       |           |          |          | 20         |          | 3       | 15    |          | 54     |
| 303 Pine Siskin             | 132        | 6     |           | 2        | 74       | 51         | 69       | 6       | 114   | 1        | 699    |
| 304 Lesser Goldfinch        |            |       |           |          |          |            |          |         |       |          |        |
| black-backed                |            |       |           |          | 5        |            |          |         |       |          | 10     |
| green-backed                |            |       |           |          | 3        | 1          |          |         |       |          | 30     |
| undifferentiated            | 6          |       |           | 11       | 20       |            | 1        | 14      |       | 4        | 176    |
| 305 American Goldfinch      | 5          | 2     |           |          | 45       | 17         |          | 10      | 4     |          | 143    |
| 306 Evening Grosbeak        | 83         |       |           |          |          | 11         | 209      |         | 163   |          | 492    |
| 307 House Sparrow           | 49         | 32    | 16        | 11       | 183      | 73         |          | 105     | 93    | 59       | 2297   |
|                             |            |       |           |          |          |            |          |         |       |          | 70,251 |
| Total species               | 97         | 87    | 50        | 92       | 118      | 192        | 99       | 204     | 119   | 100      |        |
| Total Individuals           | 2,713      | 1,641 | 550       | 857      | 2,862    | 8,369      | 2,779    | 6,788   | 2,812 | 1,390    | 70,251 |
| Party-Hours                 | 47         | 12    | 8         | 18       | 35.5     | 60         | 55.25    | 54.5    | 46    | 10.5     | 680.25 |
| by foot                     | 38.8       | 4     | 3         | 14       | 10       | 18         | 40       | 30.75   | 3.5   | 8.5      | 343.55 |
| by car                      | 8.2        | 8     | 5         | 4        | 25.5     | 42         | 15.25    | 23.75   | 42.5  | 2        | 336.7  |
| Party-Miles                 | 114.4      | 151.3 | 56        | 230      | 485.5    | 650.5      | 324.5    | 285.5   | 203.2 | 37.5     | 5037.9 |
| by foot                     | 33.9       | 6.2   | 4         | 11       | 8.5      | 10.5       | 37.5     | 17.5    | 5.7   | 7.5      | 249.3  |
| by car                      | 80.5       | 145.1 | 52        | 219      | 477      | 640        | 287      | 268     | 197.5 | 30       | 4792.6 |
| Observers                   | 29         | 1     | 1         | 2        | 18       | 11         | 17       | 14      | 9     | 4        | 182    |
| Parties                     |            | 1     | 1         | 2        | 7        | 5          | 7        | 9       | 5     | 2        | 84     |
| Party-hours stationary      |            |       |           |          |          |            |          |         |       |          |        |
| # observers stationary      |            |       |           |          |          |            |          |         |       |          |        |
| # parties stationary        |            |       |           |          |          |            |          |         |       |          |        |

Table 4. Results of 2002 NM North American Migratory Bird Count by County

| Species                     | Los Alamos | Luna | Roosevelt | Sandoval | San Juan | San Miguel | Santa Fe | Socorro | Taos | Valencia | Totals |
|-----------------------------|------------|------|-----------|----------|----------|------------|----------|---------|------|----------|--------|
| Feeder Watching             |            |      |           |          |          |            |          |         |      |          |        |
| hours feeder watching       |            |      |           |          |          |            |          |         |      |          |        |
| # feeder watchers           |            |      |           |          |          |            |          |         |      |          |        |
| # parties (feeder watching) |            |      |           |          |          |            |          |         |      |          |        |
| Owling                      |            |      |           |          |          |            |          |         |      |          |        |
| party-miles owling          |            |      |           |          |          |            |          |         |      |          |        |
| # observers owling          |            |      |           |          |          |            |          |         |      |          |        |
| party-hours owling          |            |      |           |          |          |            |          |         |      |          |        |
| # parties owling            |            |      |           |          |          |            |          |         |      |          |        |



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| NAME                              | ADDRESS                        | TOWN        | ST | ZIP        |
|-----------------------------------|--------------------------------|-------------|----|------------|
| ANDERSON, LEIF                    | P O BOX 195                    | HECTOR      | AR | 72843      |
| AREHART, RICHARD D                | 1405 SAN CARLOS DR SW #1       | ALBUQUERQUE | NM | 87104      |
| ARTHUR, MARY LOU                  | 744 PARKSIDE DR NE             | ALBUQUERQUE | NM | 87123-2208 |
| BASHAM, PAT                       | P O BOX 1646                   | SOCORRO     | NM | 87801      |
| BATKIN, JONATHAN                  | 4 MONTE ALTO CT                | SANTA FE    | NM | 87508      |
| BENKMAN, CRAIG W                  | DEPT BIOLOGY - NMSU            | LAS CRUCES  | NM | 88003      |
| BIXLER, SHERRY M                  | 205 TIERRA BERRENDA            | ROSWELL     | NM | 88201      |
| BLANEY, JED                       | 2900 VISTA DEL REY NE          | ALBUQUERQUE | NM | 87112-2198 |
| BLEAKLY, DAVID L                  | 3813 MONROE NE                 | ALBUQUERQUE | NM | 87110      |
| BLINN, JERRY                      | 7 CALLE PINON                  | PLACITAS    | NM | 87043      |
| BOETTCHER, GARY & KAREN           | 187 SKYLAND                    | TIJERAS     | NM | 87059      |
| BONHAM, DAVID & BETH              | 108 SPRINGWOOD                 | PORTALES    | NM | 88130-9789 |
| BROWNELL, TERRY                   | P O BOX 2111                   | CORRALES    | NM | 87048      |
| BROZEK, CELESTYN M                | 1426A ADAMS ST NE              | ALBUQUERQUE | NM | 87110-5047 |
| BRYANT, NOLINA                    | P O BOX 507                    | SOCORRO     | NM | 87801      |
| BUCKLEY, DAVID G                  | 35 HERRADA RD                  | SANTA FE    | NM | 87505      |
| BULOW, TAMIE H                    | #99 SOUTH HOLLAND ST.          | LAKESWOOD   | CO | 80266-1066 |
| CARTER, WILLIAM A                 | P O BOX 2209                   | ADA         | OK | 74821-2209 |
| CATES, ROBERT G                   | 219 9TH ST NW                  | ALBUQUERQUE | NM | 87102      |
| CHAUVIN, YVONNE                   | 720 CANDELARIA RD NW           | ALBUQUERQUE | NM | 87107-2408 |
| CLEARY, DAVID J                   | P O BOX 221                    | MAXWELL     | NM | 87728      |
| CORS, PAUL B                      | 1409 E GARFIELD ST             | LARAMIE     | WY | 82070-4135 |
| COTTON, KATHLEEN M                | 16 SALLY DRIVE                 | LOS LUNAS   | NM | 87031      |
| COX, STEVE & NANCY                | 4426 SAN ISIDRO NW             | ALBUQUERQUE | NM | 87107-2841 |
| CRAIG, ALAN M & NARCA MOORE-CRAIG | P O BOX 16361                  | PORTAL      | AZ | 85632-1361 |
| CRUZ, HARVEY                      | 280 CAMINO ENCANTADO           | LOS ALAMOS  | NM | 87544      |
| CURSON, DAVID                     | 526 WEST SHORE DR              | MADISON     | WI | 53715      |
| DARGAIN, VANESSA                  | 3305 CALLE CUERVO NW APT 533   | ALBUQUERQUE | NM | 87114      |
| DAVIS, CAROL K                    | 2828 DON PANCHO RD NW          | ALBUQUERQUE | NM | 87104-3054 |
| DECKER, LINDA McCULLOUGH          | 307 SOUTH ALU ROAD             | WAILUKU     | HI | 96793      |
| DESMOND, MARTHA                   | 1425 SUE COURT                 | LAS CRUCES  | NM | 88007      |
| DIEPOLDER, PAULA R                | P O DRAWER 1960                | TIJERAS     | NM | 87059      |
| DIRCKX, F J                       | 240 JADE STREET                | BROOMFIELD  | CO | 80020      |
| DOSTER, ROBERT                    | 2900 VISTA DEL REY NE, UNIT 4C | ALBUQUERQUE | NM | 87112      |
| DOUGLAS, JOHN & LINDA             | 916 LARK PLACE                 | LAS CRUCES  | NM | 88007-5437 |

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| DUNCAN, RUSSELL B                | 6111 BOBCAT LANE           | TUCSON          | AZ | 85743-9273 |
| EITNIEAR, JACK                   | 218 CONWAY DRIVE           | SAN ANTONIO     | TX | 78209-1716 |
| ELLENBERG, RICHARD D             | 1714 UPPER CANYON ROAD     | SANTA FE        | NM | 87501      |
| ELLIS, LISA M                    | 604 WELLESLEY DR NE        | ALBUQUERQUE     | NM | 87106      |
| EMKALNS, DOUGLAS                 | 2105 LAKEVIEW RD. SW       | ALBUQUERQUE     | NM | 87105-6104 |
| EPPELSON, KAREN                  | P. O. BOX 2698             | RANCHOS DE TAOS | NM | 87557      |
| EPICH, JOHN W                    | 116 E GLADDEN DR           | FARMINGTON      | NM | 87401-6126 |
| EWING, GORDON J                  | 4040 CHOLLA RD             | LAS CRUCES      | NM | 88011-7603 |
| FAIR, JEANNE M                   | 156 COUNTY ROAD 113        | SANTA FE        | NM | 87506      |
| FENNER, ANDREW                   | P O BOX 174                | CERRILLOS       | NM | 87010      |
| FETTIG, STEPHEN                  | 947 QUARTZ STREET          | LOS ALAMOS      | NM | 87544      |
| FINDLEY, JAMES S                 | P O BOX 44                 | CORRALES        | NM | 87048      |
| FOY, BERNARD R                   | 214 SPRUCE ST              | SANTA FE        | NM | 87501      |
| FROELICH, GARY K                 | 5209 VISTA BONITA NE       | ALBUQUERQUE     | NM | 87111      |
| FRY, LAVINA                      | 587 KNOWLES ROAD           | CLAYTON         | NM | 88415      |
| GARBER, GAIL                     | 820 WESTERN HILLS DR       | RIO RANCHO      | NM | 87124      |
| GELUSO, KEITH                    | 9005 SNOWHEIGHTS BLVD NE   | ALBUQUERQUE     | NM | 87112      |
| GENNARO, DR ANTONIO L (TONY)     | 816 W 19TH                 | PORTALES        | NM | 88130      |
| GERSHEN, SHEILA                  | P O BOX 292                | SANTA FE        | NM | 87504-0292 |
| GINTER, DANIEL L                 | 2129 GARRISON RD           | LAS CRUCES      | NM | 88001      |
| GLENN, BILL                      | 206 CONWAY #1              | LAS CRUCES      | NM | 88005      |
| GOGUEN, CHRISTOPHER B            | 860 CRICKLEWOOD DR APT 317 | STATE COLLEGE   | PA | 16803-1811 |
| GOMEZ, ALICE                     | 3124 INDIANA NE            | ALBUQUERQUE     | NM | 87110      |
| GORBET, LARRY P                  | DEPT ANTHROPOLOGY - UNM    | ALBUQUERQUE     | NM | 87131-1086 |
| GRACEY, M. REBECCA               | 2400 PLAZA VIZCAYA NW      | ALBUQUERQUE     | NM | 87104      |
| GRANILLO, KATHY & LUIS           | 875 TRAMWAY LANE CT NE     | ALBUQUERQUE     | NM | 87122      |
| GRAY, RANDALL                    | HC 66 BOX 76               | DEMING          | NM | 88030      |
| GREETHAM, STEPHEN                | 488 HERMOSA DR NE          | ALBUQUERQUE     | NM | 87108      |
| GREISEN, EIRC                    | 121 STALLION CIRCLE        | SOCORRO         | NM | 87801-4453 |
| GUNTER, ROXANNE                  | 2725 FAIRWAY DR            | LAS CRUCES      | NM | 88011-5042 |
| HAAS, RUTH B                     | 6 BOBCAT HILL RD           | SANDIA PARK     | NM | 87047-9401 |
| HAMMOND, ROGER & KATHERINE       | 13500 SUNSET CANYON DR NE  | ALBUQUERQUE     | NM | 87111      |
| HARRISON, CHARLES & LINDA RAWSON | 181 CHISHOLM TRAIL         | SANTA FE        | NM | 87506      |
| HASKELL, JOHN                    | P O BOX 250                | WOODRUFF        | UT | 84036      |
| HAWKINS, LES G                   | 7532 BEAR CANYON RD NE     | ALBUQUERQUE     | NM | 87109-3847 |

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|--------------------------------|---------------------------|-----------------|----|------------|
| HAYES, JEANNE                  | 1601 W MARR               | HOBBS           | NM | 88242-0757 |
| HAYWARD, DR BRUCE J            | HCR 88067 20 VILLAGE RD   | SILVER CITY     | NM | 88061-8631 |
| HEALY, JOSEPH F                | RIO VISTA PL #405         | SANTA FE        | NM | 87501      |
| HEMMER, WILLIAM & KELLY        | P O BOX 228               | GLENWOOD        | NM | 88039-0228 |
| HENDERSON, DAVID               | P O BOX 9314              | SANTA FE        | NM | 87504      |
| HERRMANN, LOIS C               | 530 CALLE CORVO           | SANTA FE        | NM | 87501-2711 |
| HILL, DEAN & MONA              | 803 E 31ST ST             | DURANGO         | CO | 81301      |
| HINES, TOM J                   | 2221 NORTH CANAL          | CARLSBAD        | NM | 88220-9609 |
| HOFFMAN, DICK & JEAN           | 3079 E OVERLOOK RD        | CLEVELAND HTS   | OH | 44118-2462 |
| HOLDERMANN, DAVID A            | 104 TOOLE AVE             | WHITE SANDS     | NM | 88002-1050 |
| HOPPE, ROGER K                 | 1526 EAGLE RIDGE DR NE    | ALBUQUERQUE     | NM | 87122-1150 |
| HOWARD, MELISSA                | 3028 SOMBRA DEL RIO NW    | ALBUQUERQUE     | NM | 87107-2977 |
| HOWE, WILLIAM                  | P O BOX 461               | ALBUQUERQUE     | NM | 87103-0461 |
| HUBBARD, DR JOHN P             | 10 URRACA LANE            | SANTA FE        | NM | 87506      |
| HUEY, BILL                     | P O BOX 381               | TESUQUE         | NM | 87574      |
| HUNDETMARK, CHARLES & MARJORIE | 2546 LAKE MEADOW          | LAFAYETTE       | CO | 80026      |
| HUNING, TYLER                  | P O BOX 542               | MOUNTAINAIR     | NM | 87036      |
| HUSSEY, BARBARA R              | 3708 GEN CHENNAULT NE     | ALBUQUERQUE     | NM | 87111-3258 |
| HUTCHINS, BEVERLY              | P O BOX 223               | TYRONE          | NM | 88065-0223 |
| JACKMAN, THOMAS                | P O BOX 3175              | RANCHOS DE TAOS | NM | 87557      |
| JENKS, RANDOLPH                | 2146 E 4TH ST             | TUCSON          | AZ | 85719      |
| JENSEN, CHARLES L              | 4044 RIO RANCHO GRUSTO NW | ALBUQUERQUE     | NM | 87120      |
| JERVIS, CARLYN                 | 60 BARRANCA RD            | LOS ALAMOS      | NM | 87544-2406 |
| JEWELL, JESSIE & DELONG, JOHN  | 2314 HOLLYWOOD AVE NW     | ALBUQUERQUE     | NM | 87104      |
| JOHNSON, LARRY L               | 730 ARDEN RD              | PASADENA        | CA | 91106-4410 |
| JOHNSON, GARY & CAROL          | 33 TETILLA ROAD           | SANTA FE        | NM | 87508-2202 |
| JOHNSON, KRIS                  | 15 REUBENS RD             | SANDIA PARK     | NM | 87047      |
| JOHNSON, TERRELL H             | P O BOX 63                | LA JARA         | NM | 87027      |
| JONES, KEN                     | 604 GUNNISON              | GRANTS          | NM | 87020      |
| JOST, RONALD C                 | 297 FARGO AVE             | BUFFALO         | NY | 14213      |
| JOSTE, DR NANCY                | 516 CHAMISO LN NW         | ALBUQUERQUE     | NM | 87107      |
| KARO, JAMES                    | 1621 CEDAR RIDGE DR NE    | ALBUQUERQUE     | NM | 87112-4504 |
| KELLOGG, LARRY                 | 8 GRANDE VISTA DR         | SANTA FE        | NM | 87505      |
| KERSTING, CECIL C              | 401 RUE SAINT PETER #228  | METAIRIE        | LA | 70005-4620 |
| KILROY, THOMAS J, JR.          | 469 SHELTON AVE           | SHELTON         | CT | 06484-2829 |

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| KLEWENO, WALTER P                 | 2908 CALLE DEL BOSQUE NW       | ALBUQUERQUE  | NM | 87104      |
| KRAMER, CLIFFORD & PATRICIA       | 2720 DECKER AVE NW             | ALBUQUERQUE  | NM | 87107      |
| KREHBIEL, FRANCES M (MRS ADOLF J) | 323 MAPLE APT 2                | CLAYTON      | NM | 88415      |
| KRUEPER, DAVID & JANET RUTH       | 105 MISSION RIDGE ROAD         | CORRALES     | NM | 87048      |
| KUEHN, WOODY                      | 102 PALACIO RD                 | CORRALES     | NM | 87048      |
| LABEAUDE, DANIEL                  | 5 ESTAMBRE CT                  | SANTA FE     | NM | 87505      |
| LAMKIN, JANET                     | 2033A 45TH ST                  | LOS ALAMOS   | NM | 87544      |
| LEARN, G EMERSON & DR. CHERYL     | P O BOX 69                     | SAN ANTONIO  | NM | 87832      |
| LECKMAN, LANE                     | 521 SOLANO DR                  | ALBUQUERQUE  | NM | 87108      |
| LEFKOFSKY, LAURA J                | 8002 MORROW RD NE              | ALBUQUERQUE  | NM | 87110-4834 |
| LESERANCE, H H                    | 1801 N WAGNER                  | FARMINGTON   | NM | 87401      |
| LEWIS, DR W BURTON                | 6100 CORTADERIA NE APT 3411    | ALBUQUERQUE  | NM | 87111      |
| LEWIS, EUGENE R & EULALIA M       | 2011 YUCCA ST                  | SILVER CITY  | NM | 88061-5763 |
| LEWIS, JANE & RICK                | 504 NORRIS LANE                | WESTCHESTER  | PA | 19380      |
| LIGON, DR J DAVID                 | DEPT OF BIOLOGY - UNM          | ALBUQUERQUE  | NM | 87131      |
| LINDSAY, BERT W                   | 2910 UTAH NE                   | ALBUQUERQUE  | NM | 87110      |
| LOCKNER, RUTH & AVERY             | 8 KUHN DR                      | TJERAS       | NM | 87059-8101 |
| LOVEKIN, ANNE D.                  | 5105 GUADALUPE TR. NW          | ALBUQUERQUE  | NM | 87107      |
| MADDEN, KRISTIN                   | 4024 71ST ST NW                | ALBUQUERQUE  | NM | 87120      |
| MADER, TRACEY                     | 4208 COURTNEY AVE NE           | ALBUQUERQUE  | NM | 87108      |
| MALONE, LARRY                     | 1420 SALONA RD SW              | DEMING       | NM | 88030      |
| MARTIN, SUE                       | 5524 AGUSTA TRAIL              | FORT COLLINS | CO | 80528-9183 |
| MCBRIDE JR, JOHN T                | P O BOX 78483                  | SHREVEPORT   | LA | 71137-8483 |
| MCCARTHY, NIKKI                   | 1843 FIELD DR NE               | ALBUQUERQUE  | NM | 87112      |
| MCCONNELL, PAUL E                 | 605 AUTUMNWOOD PL SE           | ALBUQUERQUE  | NM | 87123-4348 |
| MCGREEVY, SUSAN                   | 1851 CAMINO CORRALES           | SANTA FE     | NM | 87505-7507 |
| MCINTOSH, PATRICIA                | 1200 CAMINO DE LA CRUZ         | TAOS         | NM | 87571      |
| McKNIGHT, DANIEL & BARBARA        | P O BOX 1440                   | MESILLA      | NM | 88046      |
| MCKNIGHT, JOHN R                  | 137 WEST ZIA RD.               | SANTA FE     | NM | 87505      |
| MEANS, MICHAEL                    | 4833 MESA PRIETA CT NW         | ALBUQUERQUE  | NM | 87120      |
| MEHLHOP, PATRICIA                 | 1819 MEADOWVIEW DR NW          | ALBUQUERQUE  | NM | 87104-2511 |
| MEHLMAN, DAVID W                  | 322 TYLER ROAD NW              | ALBUQUERQUE  | NM | 87107      |
| MEYER, RAYMOND                    | 226 W WILLOUGHBY               | LAS CRUCES   | NM | 88005      |
| MILLER, DARWIN D                  | 10501 LAGRIMA DE ORO NE 3 #208 | ALBUQUERQUE  | NM | 87111-3739 |
| MILLER, JULIUS & DORIS            | 2901 CITY ST                   | T OR C       | NM | 87901-7901 |

# New Mexico Ornithological Society Membership List

| NAME                                | ADDRESS                   | TOWN            | ST | ZIP        |
|-------------------------------------|---------------------------|-----------------|----|------------|
| MOORE, BILL                         | P O BOX 298               | TYRONE          | NM | 88065      |
| MOORE, MARIAN                       | P O BOX 298               | TYRONE          | NM | 88065      |
| MORRIS, LETITIA/NMNMH               | 1801 MOUNTAIN ROAD NW     | ALBUQUERQUE     | NM | 87104      |
| MOSELEY, LYNN                       | 2233 COTTAGE SAN ROAD     | SILVER CITY     | NM | 88061      |
| MUNRO, BILL                         | 5272 DABINAWA DR          | MCLOUTH         | KS | 66054      |
| MYERS, JEFFREY D                    | 2208 ROZINCANTE CT NW     | ALBUQUERQUE     | NM | 87104      |
| NEELY, LANNOS F                     | 5212 MACCADAS NW          | ALBUQUERQUE     | NM | 87114      |
| NELSON, ALAN P                      | 611 ASHURST DR            | FARMINGTON      | NM | 87401      |
| NELSON-MOORE, JAMES                 | 40 IMMANUEL               | SANTA FE        | NM | 87505      |
| NEVILLE, BRUCE D                    | 2105 LAKEVIEW RD, SW      | ALBUQUERQUE     | NM | 87105-6104 |
| NORRIS, BILL & DENISE FRIEDRICK     | P O BOX 3061              | SILVER CITY     | NM | 88062      |
| NOVEROSKE, DIANE                    | 702 JEFFREY PL            | WHITE ROCK      | NM | 87544      |
| OLDENETTEL, JERRY R                 | 499 FARM-TO-MARKET ROAD   | SOCORRO         | NM | 87801      |
| OSTERHOUSE, JO                      | 2255 CALLE CACIQUE        | SANTA FE        | NM | 87505      |
| PANTLE, DAVID (WILLIAM D) & SHERILL | 1826 FLORA CT             | CANON CITY      | CO | 81212-4577 |
| PARKER, TIM                         | SOUTH PARKS RD            | OXFORD, OXI 3PS | UK |            |
| PARMETER, JOHN                      | 1325 PAISANO NE           | ALBUQUERQUE     | NM | 87112      |
| PARMETER, BENJAMIN & RUTHMARY       | 2500 EMERSON ST           | NAPA            | CA | 94558-4611 |
| PENN, GARETH                        | 4990 SHORELINE HWY        | STINSON BEACH   | CA | 94970      |
| PETERSON, ROGER S                   | 1750 CAMINO CORRALES      | SANTA FE        | NM | 87505-7502 |
| PLACE, JAMES R                      | 4949 SAN PEDRO NE APT #37 | ALBUQUERQUE     | NM | 87109      |
| PODOLSKY, JILL                      | P O BOX 23895             | SANTA FE        | NM | 87502      |
| POWELL, ANITA                       | 100 MOUNTAIN VIEW DRIVE   | RUIDOSO         | NM | 88345      |
| PRICKETT, ROBERT J                  | 2633 SOL Y LUZ LP         | SANTA FE        | NM | 87505-5294 |
| PRITCHARD, JUDITH N                 | 3116 N COCHITI AVE        | FARMINGTON      | NM | 87401-2050 |
| PULGINELLA, NICHOLAS J              | 613 HOWARD RD             | WEST CHESTER    | PA | 19380      |
| RANDALL DAVEY AUDUBON CENTER        | P O BOX 9314              | SANTA FE        | NM | 87504-9314 |
| REBERT, PAULA & PHILLIP MELNICK     | 1319 CAMINO AMPARO NW     | ALBUQUERQUE     | NM | 87107-2605 |
| REES, JOHN W & JANET                | 1400 SAIZ RD              | BLOOMFIELD      | NM | 87413      |
| REEVES, TIM D & LINDA MARY          | 5101 PINON HILLS BLVD     | FARMINGTON      | NM | 87402      |
| RICHARD, HARRIS M                   | 4406 PACIFIC ST           | FARMINGTON      | NM | 87402      |
| RINI, JIM                           | P O BOX 4508              | ALBUQUERQUE     | NM | 87196-4508 |
| RISTOW, MARY                        | 1517 1/2 CANYON ROAD      | SANTA FE        | NM | 87501      |
| RIVERA, MINERVA                     | 2123 WESTWIND RD          | LAS CRUCES      | NM | 88005      |
| ROBINSON, ERIC                      | 423 PINE ST SE            | ALBUQUERQUE     | NM | 87106-4438 |



# New Mexico Ornithological Society Membership List

| NAME                        | ADDRESS                     | TOWN        | ST | ZIP        |
|-----------------------------|-----------------------------|-------------|----|------------|
| ROEDEL, MICHAEL             | P O BOX 844                 | CERRILLOS   | NM | 87010      |
| ROGAN, DOROTHY              | 1120 GLORIETA NE            | ALBUQUERQUE | NM | 87112      |
| ROOT, MARY ALICE            | 1108 COLUMBIA NE            | ALBUQUERQUE | NM | 87106      |
| RUSTAY, CHRISTOPHER         | 1824 STANFORD NE            | ALBUQUERQUE | NM | 87106      |
| SAGER, LAWRY                | P O BOX 203                 | CERRILLOS   | NM | 87010      |
| SAIN, BILL                  | 9400 BENT ROAD NE           | ALBUQUERQUE | NM | 87109      |
| SANBORN, CAROLYN R          | 1110 PRINCETON NE           | ALBUQUERQUE | NM | 87106-2615 |
| SANDERS, JEFFREY            | 1577 WINNETKA ROAD          | GLENVIEW    | IL | 60025-1821 |
| SCHNEIDER, KENNETH C.       | P O BOX 66                  | CEDAR CREST | NM | 87008-0066 |
| SCHULET, LORRAINE           | P O BOX 117                 | RODEO       | NM | 88056-0117 |
| SERMA, STORM M              | 1740 MARIPOSA               | LAS CRUCES  | NM | 88001      |
| SEYFFERT, KENNETH D         | 3382 SOLARRIDGE ST          | LAS CRUCES  | NM | 88012-7798 |
| SHANE, THOMAS G             | 2206 S LIPSCOMB ST          | AMARILLO    | TX | 79109-2239 |
| SHOOK, ROLAND               | 1706 BELMONT                | GARDEN CITY | KS | 67846      |
| SLOWEN, FRANK & RITA        | DEPT NATURAL SCIENCES WNMU  | SILVER CITY | NM | 88062-0680 |
| SMITH, BRAHAM W             | 1940 QUAIL RUN LP NE        | ALBUQUERQUE | NM | 87122      |
| SNIDER, PAT                 | 116 PIEDRA LOOP             | LOS ALAMOS  | NM | 87544      |
| SPITZER, WAYNE              | 4801 SAN MATEO LANE NE #181 | ALBUQUERQUE | NM | 87109      |
| ST HILAIRE, ROGER (LYNDA D) | BOX 13                      | FAYWOOD     | NM | 88034      |
| STACEY, DR PETER B          | 8528 MERRIMAC CT NE         | ALBUQUERQUE | NM | 87109      |
| STAHLCKER, DALE W           | DEPT OF BIOLOGY - UNM       | ALBUQUERQUE | NM | 87131-1091 |
| STANLEY, CHRISTY R          | 30 FONDA RD                 | SANTA FE    | NM | 87505-8815 |
| STANLEY, FRANCIS E          | 900 E GARCIA ST             | SANTA FE    | NM | 87501      |
| STEVENS, EDWARD M           | P O BOX 44                  | POLVADERA   | NM | 87828      |
| STEVENSON, MARK             | P O BOX 1947                | TIJERAS     | NM | 87059      |
| STINNETT, KEN               | 4201 E MONTE VISTA DR #J207 | TUCSON      | AZ | 85712-5554 |
| SZYMANSKI, REBECCA          | BOX 1137                    | MESILLA     | NM | 88046      |
| TAKAMINE, JOYCE             | 3412 ST ANDREWS DR          | RIO RANCHO  | NM | 87124      |
| TALLMAN, PETER              | 1191 1ST ST                 | LOS ALAMOS  | NM | 87544-2901 |
| TANNER, STEVE & CYNDY       | P O BOX 3032                | EDGEWOOD    | NM | 87015-3032 |
| TAYLOR, JOHN P              | 55 PALO DURO RD             | SANTA FE    | NM | 87505      |
| TELANDER, TODD              | P O BOX 1246                | SOCORRO     | NM | 87801      |
| TEUBER, ROSS L              | 915 CALLE CONQUISTADOR      | TAOS        | NM | 87571      |
| THOMPSON, BRUCE             | 1612 KENTUCKY NE            | ALBUQUERQUE | NM | 87110-6934 |
|                             | P O BOX 25113               | SANTA FE    | NM | 87505      |



# New Mexico Ornithological Society Membership List

| NAME                             | ADDRESS                    | TOWN          | ST     | ZIP        |
|----------------------------------|----------------------------|---------------|--------|------------|
| TOKUDA, SEI                      | 3008 MARBLE NE             | ALBUQUERQUE   | NM     | 87106-2043 |
| TRAVIS, DR JAMES R & GLORIA      | 9420 AVENIDA DE LA LUNA NE | ALBUQUERQUE   | NM     | 87111      |
| TURISK, MICHAEL                  | 4071 FAIRVIEW PARKWAY      | BLASDELL      | NY     | 14219      |
| VAUGHN, JAMES B (BRAD)           | 6709 ORPHELIA NE           | ALBUQUERQUE   | NM     | 87109      |
| VAUGHN, NICK                     | 1309 WELLESLEY DR NE       | ALBUQUERQUE   | NM     | 87106      |
| WAITE, INGA                      | 114 SAN SALVADOR LN        | SANTA FE      | NM     | 87501      |
| WALKER, HIRA                     | DEPT OF BIOLOGY - UNM      | ALBUQUERQUE   | NM     | 87131-1091 |
| WALKER, THERESA                  | HCR 71 BOX 534             | SAN LORENZO   | NM     | 88041-9701 |
| WEBSTER, R E & R A ROWLETT       | P O BOX 16412              | PORTAL        | AZ     | 85632      |
| WEST, STEVE                      | 1105 OCOTILLO CANYON       | CARLSBAD      | NM     | 88220      |
| WEST, WOODY & BO                 | 10 KACHINA                 | LOS ALAMOS    | NM     | 87544-2519 |
| WEST, BILL                       | 2599 CAMINO CHUELO         | SANTA FE      | NM     | 87505      |
| WHITE, TONY (ANTHONY W)          | 6540 WALHONDING RD         | BETHESDA      | MD     | 20816      |
| WIEDENMANN, RICK                 | 1504 GRANT                 | CARLSBAD      | NM     | 88220      |
| WIGGINS, DAVID A                 | FUNBO, HALLKVED            | S-755 97 UPPS | SWEDEN |            |
| WILCOX, ROBERT M                 | 507 E 34TH ST              | SILVER CITY   | NM     | 88061      |
| WILLARD, BILL & ANITA            | 3005 LA MANCHA NW          | ALBUQUERQUE   | NM     | 87104-3010 |
| WILLIAMS III, SARTOR O           | 1819 MEADOWVIEW DR NW      | ALBUQUERQUE   | NM     | 87104-2511 |
| WILLIAMS, MARJORIE               | 3440 VAIL AVE SE APT B     | ALBUQUERQUE   | NM     | 87106-2418 |
| WILLIAMS, MORRIS D               | 120 HURRICANE CREEK RD     | LAWRENCEBURG  | TN     | 38464      |
| WITTMAN, BILL                    | 4905 CRESTA DEL SUR CT NE  | ALBUQUERQUE   | NM     | 87111-2993 |
| WOLF, CYNTHIA                    | P O BOX 573                | MIMBRES       | NM     | 88049      |
| WOODWARD, HOPE                   | P O BOX 176                | GILA          | NM     | 88038      |
| WOOTEN, TOM & ELEANOR            | P O BOX 1468               | CORTARO       | AZ     | 85652      |
| YAKSICH, G ROBERT                | 1321 COLUMBIA DR NE        | ALBUQUERQUE   | NM     | 87106      |
| YODER, EVERETT R & JEAN MARIE    | P O BOX 760                | LOS ALAMOS    | NM     | 87544      |
| ZABRISKIE & SCOTT, JIMMY & MARCY | 10455 IRONSHOE RD          | LAS CRUCES    | NM     | 88007      |
| ZIMMER, BARRY R                  | 8016 TONTO PLACE           | EL PASO       | TX     | 77904      |
| ZIMMERMAN, DR DALE & MARIAN      | 1011 W FLORENCE ST         | SILVER CITY   | NM     | 88061-3905 |
| ZWARTJES, MICHELE & PATRICK      | 9145 SOUTHWEST 40TH AVE    | PORTLAND      | OR     | 97219      |

# New Mexico Ornithological Society

## Financial Statement

as of 31 December, 2003

Balance as of 12/31/02:

|                          |                   |
|--------------------------|-------------------|
| Checking Account Balance | 2,644.67          |
| Petty Cash               | 20.71             |
| <b>Total</b>             | <b>\$2,665.38</b> |

Net Transactions from 1/1/03 to 12/31/03:

|                             |                 |
|-----------------------------|-----------------|
| Dues                        | 2,170.00        |
| NM Bird Finding Guide Sales | 9,133.00        |
| NM Field Checklist Sales    | 197.00          |
| Annual meeting              | 214.00          |
| Postage                     | -550.78         |
| Miscellaneous               | -373.84         |
| NMHHP (database maint.)     | -2,000.00       |
| Research Grants             | -2,000.00       |
| Printing                    | -1,839.74       |
| Storage Unit Rent           | -525.00         |
| Interest                    | 7.77            |
| <b>Total Transactions</b>   | <b>4,432.41</b> |

|                                                |           |
|------------------------------------------------|-----------|
| Total 2003 beginning balance plus transactions | \$7079.79 |
|------------------------------------------------|-----------|

Balance as of 12/31/03:

|                              |                   |
|------------------------------|-------------------|
| Checking Account Balance     | 6925.61           |
| Petty Cash Balance           | 20.71             |
| Checks not deposited/cleared | 151.47            |
| <b>2003 ending balance</b>   | <b>\$7,097.79</b> |

Petty cash income and dispersments (\$0.00 and \$(0.00)) are included in the income and expense categories above.

Date: 27 January, 2004

Submitted by:

Jerry R. Oldenettel, Treasurer

## NMOS RESEARCH GRANTS

The New Mexico Ornithological Society is now offering two \$1000 research grants to help support research on New Mexico birds. The criteria for the grants are: 1) the grant money must be spent while conducting research on birds in New Mexico; 2) a short research proposal (2 pages maximum), plus names of three references must be submitted describing the nature of the project and how the allocated funds are to be spent (on gas, tape recording, specific equipment, etc.); 3) a recipient must either present their findings at an annual NMOS meeting or have an article on their research published in the *NMOS Bulletin*; and 4) research proposals must be received by March 31, 2004. Please submit proposals to Dr. Roland Shook, Western New Mexico Univ., Silver City, NM 88061 (shookr@silver.wnmu.edu or rbshook@signalpeak.net).

## NMOS WEB PAGE REMINDER

Now at <http://www.nmosbirds.org>

The NMOS Web Page has moved yet again! Following the proverbial "technical difficulties" at both ends of the system, we now have our own permanent Web name. The official NMOS Web Page is now at <http://www.nmosbirds.org>. Unfortunately, the simple "nmos.org" had already been claimed by the New Mexico *Ophthalmological* Society. Our thanks to Kenneth Ingham of Kenneth Ingham Consulting, Albuquerque, for registering the domain name and hosting the website.

## REPORTING NEW MEXICO BIRD OBSERVATIONS

It is common knowledge that birders have added greatly to our understanding of the bird life of New Mexico. In fact, birders now account for the majority of new data on species distribution and field identification of North American birds generally. However, unless field observations are properly documented and submitted for consideration, they have no way of becoming part of the ornithological record. For New Mexico, bird records are published seasonally in *North American Birds*, the American Birding Association's journal (now in its 56th year) dedicated to documenting the continent's bird life, and subsequently in the *NMOS Field Notes*, published quarterly by the New Mexico Ornithological Society.

Sandy Williams is New Mexico's Regional Editor for *North American Birds* as well as Editor of *NMOS Field Notes*; he also maintains the NMOS Archives, including all written bird sighting submissions as well as the Photo-Tape File, which includes prints, slides, audio tapes, video tapes, digital images, and compact disks. The year is divided into four seasons (see below), and observers are asked to submit their records to Sandy promptly at the close of each season. All submissions become part of the NMOS Archives; even if all your reports are not published, they remain on file and available to future workers.

All New Mexico birders are encouraged to submit their sightings, especially of uncommon species, nesting birds, and early, late, or out-of-range birds. Please submit your records in taxonomic order and make sure all records include the date, exact location, numbers of birds, age and sex/color morph, if applicable, and the name(s) and contact information (including e-mail address) of observer(s).

Please provide details for unusual records. Details are usually needed for sightings of birds appearing in light-faced type in the NMOS Field Checklist of New Mexico Birds. Written details and other documentation of very rare species will be circulated to the New Mexico Bird Records Committee for evaluation. Written details may be submitted on a report form (available by mail from Sandy Williams or electronically from the NMOS web page), although any written format is acceptable. If photographs are submitted, please include on the photo/slide your name, date the picture was taken, and the exact location.

Below are the seasons for reporting New Mexico bird observations. Don't procrastinate—send your reports as soon as possible after the close of a reporting period.

|        |                             |              |
|--------|-----------------------------|--------------|
| Autumn | August 1 – November 30      | (= 4 months) |
| Winter | December 1 – February 28/29 | (= 3 months) |
| Spring | March 1 – May 31            | (= 3 months) |
| Summer | June 1 – July 31            | (= 2 months) |

Seasonal reports and other records should be submitted to:

Sartor O. Williams III  
New Mexico Bird Records Committee  
1819 Meadowview Dr NW  
Albuquerque, NM 87104-2511  
e-mail: sunbittern@earthlink.net

## **NMOS BULLETIN**

The *Bulletin* is published four times a year; subscription is by membership in NMOS. The *Bulletin* serves two primary purposes: (1) to publish articles of scientific merit concerning the distribution, abundance, status, behavior, and ecology of the avifauna of New Mexico and its contiguous regions and (2) to publish news and announcements deemed of interest to the New Mexico ornithological community.

NMOS members are encouraged to submit articles and news. Articles received are subject to review and editing. Published articles are noted in major abstracting services, e.g., the AOU's "Recent Ornithological Literature" section of *The Auk*. Please submit news and articles in double-spaced hard copy or, preferably, electronically on disk or by e-mail to the Editor, Bruce Neville, 2105 Lakeview Road SW, Albuquerque, NM 87105, e-mail [bneville@unm.edu](mailto:bneville@unm.edu).

## **ANNUAL DUES**

Membership in the New Mexico Ornithological Society is open to anyone with an interest in birds. Memberships are for the calendar year and annual dues are payable 1 January.

Dues are: Regular \$10, Family \$15, Student \$5, Supporting \$35, and Life \$300.

Dues and membership applications may be sent to the New Mexico Ornithological Society, P.O. Box 3068, Albuquerque, NM 87190-3068 or to the Treasurer, Jerry Oldenettel, 499 Farm-to-Market Road, Socorro, NM 87801.

**New Mexico Ornithological Society Home Page:**

**<http://www.nmosbirds.org>**

**New Mexico Rare Bird Alert:**

**505-323-9323**

NEW MEXICO ORNITHOLOGICAL SOCIETY  
P.O. BOX 3068  
ALBUQUERQUE, NM 87190-3068

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