

| Species Name          | Habitat | Date | Obs | Pos | Pro | Con |
|-----------------------|---------|------|-----|-----|-----|-----|
| Pied-billed Grebe     |         |      |     |     |     |     |
| Double-cr. Cormorant  |         |      |     |     |     |     |
| American Bittern      |         |      |     |     |     |     |
| Great Blue Heron      |         |      |     |     |     |     |
| Green Heron           |         |      |     |     |     |     |
| Black-cr. Night-Heron |         |      |     |     |     |     |
| Turkey Vulture        |         |      |     |     |     |     |
| Canada Goose          |         |      |     |     |     |     |
| Wood Duck             |         |      |     |     |     |     |
| Gadwall               |         |      |     |     |     |     |
| Mallard               |         |      |     |     |     |     |
| Blue-winged Teal      |         |      |     |     |     |     |
| Cinnamon Teal         |         |      |     |     |     |     |
| Northern Shoveler     |         |      |     |     |     |     |
| Northern Pintail      |         |      |     |     |     |     |
| Green-winged Teal     |         |      |     |     |     |     |
| Redhead               |         |      |     |     |     |     |
| Common Merganser      |         |      |     |     |     |     |
| Ruddy Duck            |         |      |     |     |     |     |
| Sharp-shinned Hawk    |         |      |     |     |     |     |
| Cooper's Hawk         |         |      |     |     |     |     |
| Northern Goshawk      |         |      |     |     |     |     |
| Swainson's Hawk       |         |      |     |     |     |     |
| Red-tailed Hawk       |         |      |     |     |     |     |
| Ferruginous Hawk      |         |      |     |     |     |     |
| Golden Eagle          |         |      |     |     |     |     |
| American Kestrel      |         |      |     |     |     |     |
| Prairie Falcon        |         |      |     |     |     |     |
| Ring-necked Pheasant  |         |      |     |     |     |     |
| Blue Grouse           |         |      |     |     |     |     |
| Wild Turkey           |         |      |     |     |     |     |
| Scaled Quail          |         |      |     |     |     |     |
| Gambel's Quail        |         |      |     |     |     |     |
| Virginia Rail         |         |      |     |     |     |     |
| Sora                  |         |      |     |     |     |     |
| American Coot         |         |      |     |     |     |     |
| Killdeer              |         |      |     |     |     |     |
| Black-necked Stilt    |         |      |     |     |     |     |
| American Avocet       |         |      |     |     |     |     |
| Spotted Sandpiper     |         |      |     |     |     |     |
| Rock Dove             |         |      |     |     |     |     |
| Band-tailed Pigeon    |         |      |     |     |     |     |
| White-winged Dove     |         |      |     |     |     |     |
| Yellow-billed Cuckoo  |         |      |     |     |     |     |
| Greater Roadrunner    |         |      |     |     |     |     |
| Barn Owl              |         |      |     |     |     |     |

| Species Name           | Habitat | Date | Obs | Pos | Pro | Con |
|------------------------|---------|------|-----|-----|-----|-----|
| Flammulated Owl        |         |      |     |     |     |     |
| Western Screech-Owl    |         |      |     |     |     |     |
| Great Horned Owl       |         |      |     |     |     |     |
| Northern Pygmy-Owl     |         |      |     |     |     |     |
| Burrowing Owl          |         |      |     |     |     |     |
| Long-eared Owl         |         |      |     |     |     |     |
| N Saw-whet Owl         |         |      |     |     |     |     |
| Common Nighthawk       |         |      |     |     |     |     |
| Common Poorwill        |         |      |     |     |     |     |
| White-throated Swift   |         |      |     |     |     |     |
| Black-chinned Hum.     |         |      |     |     |     |     |
| Broad-tailed Hum.      |         |      |     |     |     |     |
| Belted Kingfisher      |         |      |     |     |     |     |
| Lewis's Woodpecker     |         |      |     |     |     |     |
| Acorn Woodpecker       |         |      |     |     |     |     |
| Red-naped Sapsucker    |         |      |     |     |     |     |
| Williamson's Sapsuck.  |         |      |     |     |     |     |
| Ladder-backed Woodp.   |         |      |     |     |     |     |
| Downy Woodpecker       |         |      |     |     |     |     |
| Hairy Woodpecker       |         |      |     |     |     |     |
| Three-toed Woodp.      |         |      |     |     |     |     |
| Northern Flicker       |         |      |     |     |     |     |
| (Yellow-shafted)       |         |      |     |     |     |     |
| (Red-shafted)          |         |      |     |     |     |     |
| Olive-sided Flycatcher |         |      |     |     |     |     |
| Western Wood-Pewee     |         |      |     |     |     |     |
| Hammond's Flycatcher   |         |      |     |     |     |     |
| Dusky Flycatcher       |         |      |     |     |     |     |
| Gray Flycatcher        |         |      |     |     |     |     |
| Cordilleran Flycatcher |         |      |     |     |     |     |
| Black Phoebe           |         |      |     |     |     |     |
| Say's Phoebe           |         |      |     |     |     |     |
| Ash-throated Flycatch. |         |      |     |     |     |     |
| Cassin's Kingbird      |         |      |     |     |     |     |
| Western Kingbird       |         |      |     |     |     |     |
| Loggerhead Shrike      |         |      |     |     |     |     |
| Gray Vireo             |         |      |     |     |     |     |
| Plumbeous Vireo        |         |      |     |     |     |     |
| Warbling Vireo         |         |      |     |     |     |     |
| Gray Jay               |         |      |     |     |     |     |
| Steller's Jay          |         |      |     |     |     |     |
| Western Scrub-Jay      |         |      |     |     |     |     |
| Pinyon Jay             |         |      |     |     |     |     |
| Clark's Nutcracker     |         |      |     |     |     |     |
| Black-billed Magpie    |         |      |     |     |     |     |
| American Crow          |         |      |     |     |     |     |

| Species Name           | Habitat | Date | Obs | Pos | Pro | Con |
|------------------------|---------|------|-----|-----|-----|-----|
| Common Raven           |         |      |     |     |     |     |
| Horned Lark            |         |      |     |     |     |     |
| Tree Swallow           |         |      |     |     |     |     |
| Violet-green Swallow   |         |      |     |     |     |     |
| N Rough-w. Swallow     |         |      |     |     |     |     |
| Barn Swallow           |         |      |     |     |     |     |
| Cliff Swallow          |         |      |     |     |     |     |
| Black-cap. Chickadee   |         |      |     |     |     |     |
| Mountain Chickadee     |         |      |     |     |     |     |
| Juniper Titmouse       |         |      |     |     |     |     |
| Bushtit                |         |      |     |     |     |     |
| Red-breasted Nuthatch  |         |      |     |     |     |     |
| White-breast. Nuthatch |         |      |     |     |     |     |
| Pygmy Nuthatch         |         |      |     |     |     |     |
| Brown Creeper          |         |      |     |     |     |     |
| Rock Wren              |         |      |     |     |     |     |
| Canyon Wren            |         |      |     |     |     |     |
| Bewick's Wren          |         |      |     |     |     |     |
| House Wren             |         |      |     |     |     |     |
| American Dipper        |         |      |     |     |     |     |
| Golden-cr. Kinglet     |         |      |     |     |     |     |
| Ruby-crowned Kinglet   |         |      |     |     |     |     |
| Blue-gray Gnatcatcher  |         |      |     |     |     |     |
| Western Bluebird       |         |      |     |     |     |     |
| Mountain Bluebird      |         |      |     |     |     |     |
| Townsend's Solitaire   |         |      |     |     |     |     |
| Hermit Thrush          |         |      |     |     |     |     |
| American Robin         |         |      |     |     |     |     |
| Northern Mockingbird   |         |      |     |     |     |     |
| Sage Thrasher          |         |      |     |     |     |     |
| Bendire's Thrasher     |         |      |     |     |     |     |
| Curve-billed Thrasher  |         |      |     |     |     |     |
| Crissal Thrasher       |         |      |     |     |     |     |
| European Starling      |         |      |     |     |     |     |
| Virginia's Warbler     |         |      |     |     |     |     |
| Yellow Warbler         |         |      |     |     |     |     |
| Yellow-rump. Warbler   |         |      |     |     |     |     |
| (Myrtle)               |         |      |     |     |     |     |
| (Audubon's)            |         |      |     |     |     |     |
| Black-th. Gray Warbler |         |      |     |     |     |     |
| Grace's Warbler        |         |      |     |     |     |     |
| MacGillivray's Warbler |         |      |     |     |     |     |
| Common Yellowthroat    |         |      |     |     |     |     |
| Yellow-breasted Chat   |         |      |     |     |     |     |
| Hepatic Tanager        |         |      |     |     |     |     |
| Summer Tanager         |         |      |     |     |     |     |

| Species Name          | Habitat | Date | Obs | Pos | Pro | Con |
|-----------------------|---------|------|-----|-----|-----|-----|
| Western Tanager       |         |      |     |     |     |     |
| Green-tailed Towhee   |         |      |     |     |     |     |
| Spotted Towhee        |         |      |     |     |     |     |
| Canyon Towhee         |         |      |     |     |     |     |
| Rufous-cr. Sparrow    |         |      |     |     |     |     |
| Chipping Sparrow      |         |      |     |     |     |     |
| Brewer's Sparrow      |         |      |     |     |     |     |
| Black-chinned Sparrow |         |      |     |     |     |     |
| Vesper Sparrow        |         |      |     |     |     |     |
| Lark Sparrow          |         |      |     |     |     |     |
| Black-th. Sparrow     |         |      |     |     |     |     |
| Sage Sparrow          |         |      |     |     |     |     |
| Savannah Sparrow      |         |      |     |     |     |     |
| Song Sparrow          |         |      |     |     |     |     |
| Lincoln's Sparrow     |         |      |     |     |     |     |
| White-cr. Sparrow     |         |      |     |     |     |     |
| (White-lored)         |         |      |     |     |     |     |
| (Black-lored)         |         |      |     |     |     |     |
| Dark-eyed Junco       |         |      |     |     |     |     |
| (Oregon)              |         |      |     |     |     |     |
| (Pink-sided)          |         |      |     |     |     |     |
| (Gray-headed)         |         |      |     |     |     |     |
| Black-head. Grosbeak  |         |      |     |     |     |     |
| Blue Grosbeak         |         |      |     |     |     |     |
| Lazuli Bunting        |         |      |     |     |     |     |
| Red-winged Blackbird  |         |      |     |     |     |     |
| Western Meadowlark    |         |      |     |     |     |     |
| Yellow-h. Blackbird   |         |      |     |     |     |     |
| Brewer's Blackbird    |         |      |     |     |     |     |
| Common Grackle        |         |      |     |     |     |     |
| Great-tailed Grackle  |         |      |     |     |     |     |
| Brown-h. Cowbird      |         |      |     |     |     |     |
| Bullock's Oriole      |         |      |     |     |     |     |
| Scott's Oriole        |         |      |     |     |     |     |
| Pine Grosbeak         |         |      |     |     |     |     |
| Cassin's Finch        |         |      |     |     |     |     |
| House Finch           |         |      |     |     |     |     |
| Red Crossbill         |         |      |     |     |     |     |
| Pine Siskin           |         |      |     |     |     |     |
| Lesser Goldfinch      |         |      |     |     |     |     |
| (Black-backed)        |         |      |     |     |     |     |
| (Green-backed)        |         |      |     |     |     |     |
| Evening Grosbeak      |         |      |     |     |     |     |
| House Sparrow         |         |      |     |     |     |     |
|                       |         |      |     |     |     |     |
|                       |         |      |     |     |     |     |

**Cover Type Group Codes**  
(Consult the atlas handbook for full definitions of cover type group codes)

**Tundra (TUND)**

- Alpine Graminoid Tundra.....(RMGT)
- Alpine Forb Tundra.....(RMFT)

**Forest (FORE)**

- Subalpine Conifer Forest.....(SACF)
- Subalpine Broadleaf Forest.....(SABF)
- Upper Montane Conifer Forest.....(UMCF)
- Lower Montane Conifer Forest.....(LMCF)
- Madrean Lower Montane Conifer Forest.(MMCF)

**Woodland (WOOD)**

- Upper Montane Open Conifer Woodland (MOCW)
- Closed Conifer Woodland.....(GCCW)
- Open Conifer Woodland (Savanna).....(GOCW)
- Madrean Closed Conifer Woodland.....(MCCW)
- Madrean Open Conifer Woodland.....(MOCW)
- Madrean Closed Oak Woodland.....(MCOW)
- Madrean Open Oak Woodland (Encinal) (MOOW)

**Shrubland (SHRU)**

- Montane Deciduous Scrub.....(RMDS)
- Broadleaf Evergreen Interior Chaparral...(BEIS)
- Plains-Mesa Broadleaf Sand-Scrub.....(BLSS)
- Plains-Mesa Microphyllous Sand-Scrub..(MPSS)
- Microphyllous Desert Scrub.....(MPDS)
- Broadleaf Deciduous Desert Scrub.....(BDDS)
- Chih. Broadleaf Evergreen Desert Scrub.(CBES)
- Chih. Broadleaf Deciduous Desert Scrub (CBDS)

**Grassland (GRAS)**

- Subalpine Grassland.....(RMSG)
- Montane Grassland.....(RMMG)
- Short Grass Steppe.....(SGSG)
- Mid-Grass Prairie.....(MGPG)
- Tall Grass Prairie.....(TGPG)
- Great Basin Foothill-Piedmont Grassland (GBFG)
- Great Basin Lowland/Swale Grassland....(GBLG)
- Chih. Foothill-Piedmont Desert Grassland (CDFG)
- Chih. Lowland/Swale Desert Grassland (CDLG)

**Palustrine Forested, Shrub & Emergent Wetlands (WETL)**

- Forested Wetlands.....(RMFW)
- Montane Broadleaf Shrub Wetlands.....(RMSW)
- Plains Forested Wetland.....(WPFW)

- Plains Shrub Wetland.....(WPSW)
- Deciduous Shrub Arroyo Riparian.....(DSAR)
- Graminoid Wetlands.....(PEGW)

**Other Land Types (OTHE)**

- Dryland Agriculture.....(DRAG)
- Irrigated Agriculture.....(IRAG)
- Mine/ Quarries.....(MINE)
- Rock Outcrop.....(ROCK)
- Urban Barren.....(URBA)
- Urban Vegetated.....(URVE)
- Urban Park.....(URPA)
- Riverine/Lacustrine.....(RIVE)
- Basin/Playa.....(PLAY)

**Breeding Codes**

(Consult the atlas handbook for full definitions of breeding codes)

| Observed (Obs) |  |
|----------------|--|
| O              | <b><u>Observed</u></b> between June 1 and July 31  |
| Possible (Pos) |  |
| X              | Observed in suitable nesting habitat within safe dates   |
| S              | <b><u>Singing</u></b> male detected once in possible suitable nesting habitat                          |
| Probable (Pro) |  |
| M              | <b><u>Multiple</u></b> singing or territorial birds of a species detected within a block on one day    |
| P              | <b><u>Pair</u></b> observed in suitable nesting habitat when apparently holding a territory            |
| T              | <b><u>Territory</u></b> based on a singing male observed on two days a week apart in the same location |
| C              | <b><u>Courtship</u></b> behavior or copulation   |
| N              | Visiting a probable <b><u>nest-site</u></b>  |
| A              | <b><u>Agitated</u></b> behavior or anxiety calls heard from an adult suggests probable breeding.       |
| B              | Nest <b><u>building</u></b> by wrens, verdins, or excavation of holes by woodpeckers                   |

| Confirmed (Con) |   |
|-----------------|---|
| NM              | Birds observed carrying <b><u>nesting material</u></b> , except for some species of wrens and verdins                   |
| NB              | <b><u>Nest building</u></b> by all except woodpeckers, verdins, and wrens   |
| PE              | <b><u>Physiological evidence</u></b> of breeding based on a bird in hand  |
| DD              | <b><u>Distraction display</u></b> or injury feigning for defense of an unknown nest or young                            |
| UN              | A <b><u>used nest</u></b> . Caution: This requires a written verification form.   |
| FL              | Recently <b><u>fledged young</u></b>  |
| ON              | Adults entering or leaving a nest site in circumstances indicating an <b><u>occupied nest</u></b>                       |
| FS              | An adult observed carrying a <b><u>fecal sac</u></b> confirms breeding.   |
| FY              | <b><u>Feeding young</u></b> , carrying food for young, or feeding recently fledged young                                |
| NE              | A <b><u>nest</u></b> with <b><u>egg(s)</u></b> , undisturbed nest with a bird in incubation posture, or eggshells found |
| NY              | A <b><u>nest</u></b> with <b><u>young</u></b> seen or heard confirms breeding.  |

An observation of any breeding species that is not on this list should be documented using a Rare Breeding Bird Report Form. In the event of such a rare observation, also notify your Regional Organizer so that the observation can be confirmed by other atlasers, if needed.

**Be sure to fill in the date for each species recorded. Change the date when you up-grade a breeding code.** Please return your completed cards and reports to your Regional Organizer as soon as you have finished your fieldwork for the year (even if the block is not complete). Keep copies of all atlas cards and reports for you records. The deadline for giving all cards and reports to your Regional Organizer is September 15 each year.

**New Mexico Breeding Bird Atlas  
Field Observation Card  
(Northwest Area)**

Atlas Block Information

Atlas year \_\_\_\_\_

Block name and number \_\_\_\_\_

Block worked previous year?    yes    no

Block completed?                yes    no

Night Survey?                    yes    no

Atlaser Information

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_ Zip \_\_\_\_\_

Home Telephone \_\_\_\_\_

Work Telephone \_\_\_\_\_

E-mail Address \_\_\_\_\_

**Record of Block Visits This Year**

| Visit | Date mm/dd | Field Work |                |                              | Travel to and from Home    |                          |
|-------|------------|------------|----------------|------------------------------|----------------------------|--------------------------|
|       |            | Party Hrs  | # of Observers | Total Hours of all observers | Total hrs of all observers | Total Miles all vehicles |
| 1     |            |            |                |                              |                            |                          |
| 2     |            |            |                |                              |                            |                          |
| 3     |            |            |                |                              |                            |                          |
| 4     |            |            |                |                              |                            |                          |
| 5     |            |            |                |                              |                            |                          |
| 6     |            |            |                |                              |                            |                          |
| 7     |            |            |                |                              |                            |                          |
| 8     |            |            |                |                              |                            |                          |
| 9     |            |            |                |                              |                            |                          |
| 10    |            |            |                |                              |                            |                          |
| 11    |            |            |                |                              |                            |                          |
| 12    |            |            |                |                              |                            |                          |
| 13    |            |            |                |                              |                            |                          |
| 14    |            |            |                |                              |                            |                          |
| Total | XX         |            | XXXX           |                              |                            |                          |