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Editor:

Daniel J. Drennen, Eufaula NWR, 509 Old Hwy 165, Eufaula, AL 36027

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Great Crested Flycatcher, (Myiarchus crinitus), Immature,

June 1995, Shelby Co., AL. Photo by Paul Franklin

HOUSE SPARROW (PASSER DOMESTICUS) TRENDS IN COASTAL NORTHWEST FLORIDA - ALABAMA BASED ON CHRISTMAS BIRD COUNT DATA

Robert A. Duncan

In recent years, several observers, including the author, have noted an apparent decline in the number of House Sparrows being found on Audubon Christmas Bird Counts and other bird censuses in Northwest Florida and coastal Alabama.

In order to learn more about this phenomenon, I examined data published in the National Audubon Society Field Notes, (formerly American Birds) Christmas Bird Counts, published by the National Audubon Society, New York, for the five year period of 1980-1984 and compared the results with the latest five year period, 1990-1994, by noting a percent increase or decrease.

Four Christmas Bird Counts (CBC's) were chosen, Gulf Shores, Al., Perdido Bay, Fl.-Al., Pensacola and Marianna, Fl. These counts were chosen because they were extant for the 15 year period examined. The results are contained in Table 1.

TABLE 1. NUMBERS OF AVERAGE HOUSE SPARROWS NOTED PER PARTY HOURS					
	1980 - 1984	1990 - 1994	% increase/decrease		
GULF SHORES	2.15	0.59	-73.6		
PERDIDO BAY	1.52	0.83	-45.4		
PENSACOLA	3.11	3.85	+ 23.7		
MARIANNA	1.48	0.26	-82.5		

The statistics show that there were declines in three of the four counts examined. Only one count showed an increase, Pensacola, the most urbanized of the four. The cause of decline in the three counts is not apparent, although it has been suggested that the House Finch (Carpodacus mexicanus), a recent invader into the region, is out-competing the House Sparrow for food and nesting resources. Indeed, the first House Finches did not occur on a CBC until 1989 when 14 were reported on the Pensacola CBC. Since then they have been reported with increasing frequency and have exceeded House Sparrow numbers on some counts in some years (i.e. Gulf Shores, 1993, 292 House Finches, 27 House Sparrows). I speculate that greater numbers of House Sparrows on the Pensacola CBC in recent years may be attributed to increased urbanization of the count circle, or that this species is leaving the countryside to find haven within the inner city. In the future, House Sparrows may become "Rara avis" if this cursory analysis indicates a permanent region-wide trend. Robert A. Duncan, 614 Fairpoint Dr., Gulf Breeze, Fl. 32561.

BUFF-BELLIED HUMMINGBIRD (AMAZILIA YUCATANENSIS) FIRST BANDING IN ALABAMA

Robert R. Sargent and Martha B. Sargent

The Buff-bellied hummingbird is a native of Eastern Mexico and the northern part of Belize. As described by Johnsgard (1983, *The Hummingbirds* of North America, Smithsonian Institution Press) it is found in a variety of habitats from dense thickets, overrun with vines and tangles at lower elevations

to deciduous forest at higher elevations. It is also found in moist riparian streamside areas (Johnsgard, personal communication) and in semi-arid scrub along the Gulf of Mexico. In the United States, it breeds in the lower Rio Grande Valley and often disperses northeastward, all along the Gulf Coast at least as far as the panhandle of Northwest Florida. In recent years, the increase in sightings and bandings of this species may be attributed to an increase in the winter population, or increased observations at winter flower gardens and hummingbird feeders.

Our nearly ten-year study of wintering hummingbirds in Alabama has produced some remarkable discoveries, but the Buff-bellied hummingbird has been difficult to find. We believe that this species regularly winters along the Alabama Gulf Coast. Similarly to the Alabama Gulf Coast, they are rare but regular winter residents in Northwest Florida and coastal Mississippi. Almost every year we capture and band two or three individuals of this species along the coast, but never before in Alabama.

On 16 November 1995, Tom and Judy Quinby reported to us that someone had noted a large green hummingbird, believed to be a Buff-bellied, at her backyard feeder. We arrived at the residence of Bernadette Devery, 1255 Peabody Drive, Mobile, Alabama, the next morning. Ms. Devery said that the bird had been there since approximately 14 November 1995, and that it normally fed each morning beginning around 10:30 hours. By 10:00 hours on 17 November 1995 we had our cage-trap set up and at 10:30 hours, a big, shimmering green hummingbird arrived, but did not immediately enter the cage-

trap. We had ample time to observe and identify this Buff-bellied hummingbird prior to actually capturing it. At 11:00 hours we captured and banded it with band #8000T83382. (This was the second state record for this species: the first was sighted by the authors on 8 April 1991 at Fort Morgan in Baldwin County).

Before photographing it, the following measurements were taken: wing-49.84mm, tail-29.80mm, exposed culmen-20.22mm and weight-4.31 grams. This was smaller than any of the Buff-bellied hummingbirds that we had banded in the past. It had a shimmering green head and back. The rump was green with some chestnut color (Figure 1). The central rectrices were shorter than the outside pairs giving the tail a slightly forked look and were bronzegreen with darker bronze at the tips. The outer rectrices were chestnut with some black on both inner and outer webs of each rectrix. The gorget area of the throat was a brilliant iridescent green with buffy edgings on some of the feathers (Figure 2). This shiny green extended down to the upper breast. The center of the belly was pale buff in color, fading to white on the lower belly. The sides and flanks were a richer buff. The undertail was a more muted buff color. The base of the undertail was covered by two fluffy white femoral tufts. The undersides of the rectrices were soft chestnut.

Although both the wings and the tail showed signs of wear, it was not extensive. It appeared that the bird was just starting a general body molt, as the loosely textured belly feathers were easily dislodged during handling. The bill (Figure 3) showed a little or no striations which might have suggested an

adult bird, but the mostly black upper mandible implied an immature bird. The base of the upper mandible was a dull blackish red. The lower mandible was red except for a dusky-black tip. These confusing aging keys clearly indicate that this species needs study. We speculate that the red upper mandible in adults may well occur only if they are on their breeding grounds and in a heightened breeding state. The number of Buff-bellied hummingbirds that we encounter makes it difficult to draw conclusions from such a small sampling. However, this may be corrected soon through our studies and those of Professor Felipe Chavez-Ramirez of Texas A&M University.



Figure 1. Dorsal view, Buff-bellied hummingbird. Photo by Martha B. Sargent.



Figure 2. Head and bill, Buff-bellied hummingbird. Photo by Martha B. Sargent.



Figure 3. Ventral view, Buff-bellied hummingbird. Photo by Martha B. Sargent.

Like many hummingbird species, the Buff-bellied has been poorly studied, and there is little literature available for reference. To date, we do not know how to sex these birds in winter. This and the conflicting data available

for aging will probably be resolved after we have banded a greater number of immatures and recaptured them later as adults. This is one of our main objectives as banders. As of this writing we have banded ten new Buff-bellied hummingbirds during the 1995-1996 winter season. Robert R. Sargent and Martha B. Sargent, 7570 Mack Hicks Road, Trussville, AL 35173

GREEN VIOLET-EAR HUMMINGBIRD (COLIBRI THALASSINUS) FIRST RECORD FOR ALABAMA

Robert R. Sargent and Martha B. Sargent

Duane J. Berger and Donna G. Berger

On 31 October 1995, our daughter, Donna Berger, read on *America Online* of a *violent-eared* hummingbird. She succeeded in locating the sender, Jerry Moulder of Pascagoula, Mississippi, and the people who currently had the bird at their hummingbird feeder, Jim and Barbara Heath of 12931 Shady Drive, Grand Bay (Mobile County), Alabama. My conversation with the Heath's convinced us that they had a big hummingbird with blue feathers. Although Mrs. Heath was convinced it was a Green violet-ear, we considered the Bluethroated (*Lampornis clemenciae*) and Broad-billed (*Cynanthus latirostris*) as being a slight possibility. None of the three possibilities have ever been seen in Alabama. However, we were aware of sightings in Texas, Arkansas, and North Carolina.

On the morning of 1 November 1995, we set our traps at the Heath's residence. Immediately we noted a beautiful Green violet-ear alternately approaching and retreating from our cage-trap. Within 15 minutes we were able to entice it into the trap and capture it.

The bird was banded with Band #8000T83373. The following measurements were taken: wing-60.18mm, tail-35.30mm, exposed culmen-20.33mm and weight-6.10 grams. It had no striations on the relatively short upper mandible, indicating an adult (Figure 1). The purple-violet color of the ear and cheek patch appeared less brilliant and smaller than the adult male that we had banded in the mountains of Burnsville (Yancy County), North Carolina on 5 September 1995. Also, it did not have the extensive violet on the breast as did the earlier male from North Carolina. Because of this and the shorter wing length, it was determined to be a female. The tail appeared very worn, and the flight feathers showed some wear from the tertials out through primary #8. Some wear was noted on the feathers of the breast and back.

This female was basically all metallic green on the body with bronze feathers scattered about, heaviest in the area of the rump (Figure 2). The bill was black, heavy, somewhat short in appearance and distinctly decurved. The chin had a small patch of pale violet-blue feathers that bordered the lower mandible. The lower belly was a more pale green with not as much luster, possibly due to wear. There were puffy white anal tufts. The base of the rectrices underneath were covered with light gray coverts. The longer undertail coverts were green with a bluish-gray tinge. The wide rectrices were greenish-

blue with a blackish-purple band subterminally. The tips of the rectrices were blue. Although worn, it was our impression that the dusky purple wings were fairly new except primaries #9 and #10.

In hand it was big, strong and very restless. Although silent, the behavior it exhibited was very similar to the male we had captured in North Carolina.



Figure 1. Lateral view, Green-violet ear hummingbird. Photo by Martha B. Sargent.

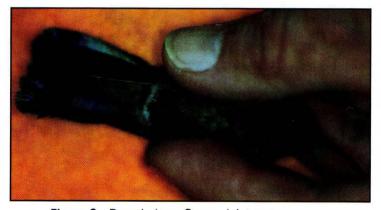


Figure 2. Dorsal view, Green-violet ear hummingbird. Photo by Martha B. Sargent.

The capture and banding of a Green violet-ear hummingbird in Alabama was not surprising. However, what was surprising was when it was noted (November) and where (Alabama Gulf Coast). We had expected to document it in the more mountainous regions such as Mentone (Dekalb County) or the Cheaha range (east-central Alabama). Similarly to Paul Johnsgard's description of its breeding area in *The Hummingbirds of North America*, 1983, Smithsonian Institution Press, we believe that this adult female was moving from a higher elevation. Also, the molt pattern in the wings indicated her approaching nesting cycle. Robert R. Sargent and Martha B. Sargent, 7570 Mack Hicks Road, Trussville, AL 35173. Duane J. Berger and Donna G. Berger, 81 High Ridge Drive, Wetumpka, AL 36092.

GREAT CRESTED FLYCATCHER (MYIARCHUS CRINITUS) FEEDING AT ROAD KILLS

Robert R. Sargent and Martha B. Sargent

On two separate occasions, the authors had witnessed two Great Crested flycatchers attending road kills. On 12 June 1993 near Allgood in Blount County, two birds, sex unknown, were observed on the road-pavement near a dead Gray fox (*Urocyon cinereoargenteus*). The fox had apparently been dead for several days, and our assumption was that they were removing its hair with which to line their nest. On 10 May 1994 near Aliceville in Pickens County, we observed the same scenario, except this time it was a road-killed

Eastern cottontail rabbit (*Sylvilagus floridanus*). It also appeared to have been dead for several days. We found the flycatchers' behavior interesting, but again not all that rare.

However, on 22 May 1995, near Springville in St. Clair County, we were able to view the activities for a third time. We quickly noticed that the two birds appeared not only to be alternating their trips to a long deceased Opossum (*Didelphis virginiana*) but they appeared to be taking something other than hair from the carcass with them. After a period of observation, we were able to get closer and discovered that they were removing Diptera larvae. On each trip one of the birds would gather several of the maggots in it's bill and immediately retreat into the woods, presumably to feed nestlings in a cavity tree. It was the first time that we had observed this feeding behavior in flycatchers.

Great Crested flycatchers are opportunists and have been documented by Bent (1942, *Life Histories of North American Flycatchers, Larks, Swallows, and Their Allies*, Dover Publ., New York) eating caterpillars and larvae of moths and butterflies. Flycatchers, like all animals, will expend the least amount of effort for the most return on their energy investment. Capturing prey on the ground is far more energy efficient than chasing prey on the wing. If this pair of flycatchers had a normal clutch of 5-7 chicks to feed, the presence of a reliable food source for the rapidly growing young would be a nutrition windfall. In addition, for a while, this food would probably replenish itself with the constant hatching of invertebrates feeding on the carcass. We suggest that

this nutrient rich abundance of food would greatly enhance the survival rate of young. The easy availability of invertebrate food might well make for a successful second nesting before fall migration. Robert R. Sargent and Martha B. Sargent, 7570 Mack Hicks Road, Trussville, AL 35173.

FIRST ALABAMA RECORD OF CALIFORNIA GULL (LARUS CALIFORNICUS)

Robert A. Duncan

The California Gull breeds from southern Mackenzie Mountains, Canada, east to the Dakotas, south to northern Utah and west to northeastern California. Wintering birds occur from southern Washington and eastern Idaho south, primarily along the Pacific coast to southern Baja California and Colima, Mexico. There are records of vagrants throughout the eastern United States including the Texas Gulf Coast (American Ornithologists' Union 1983. Checklist of North American Birds. 6th ed. Washington, D.C., Am. Ornithol. Union). There are about 10 reports for Florida where it is still considered unverified due to lack of a specimen or acceptable photographs (Robertson, W.B. and Woolfenden, G.E., Florida Bird Species. 1992. An Annotated List. Fl. Ornithol. Soc. Special Pub. #6. Gainesville).

On 15 April 1996, at about 10:30 a.m., while scanning numerous gulls and terns loafing on the outer beach at Mobile Point, Fort Morgan, Baldwin Co., Al., I noted an adult gull loafing among adult Herring Gulls (Laurus argentatus) which was noticeably different from them. Its wings were obviously darker

than the wings of the adjacent Herring Gulls yet not dark enough to be a Lesser Black-backed (Larus fuscus) or Great Black-backed (Larus marinus) Gulls. This feather and its apparent smaller size, a few inches smaller than the Herring Gulls, set it apart from the others. Its legs were light yellow-green, quite different from the pink legged Herring Gulls. Its bill was yellow with a red gonys and dark mark adjacent to it near the tip of the bill. There were white sub-apical spots at the end of the dark primaries. Otherwise the bird was white, including the tail, except for small dark spots limited to the center of the outer tail feathers. It had a dark eye, which was in obvious contrast to the light-eyed Herring Gulls around it.

I watched the bird for about 10 minutes and was not sure of its identity but suspected it as a California Gull. After returning to my car and reading the National Geographic Society Field Guide to the Birds of North America (1987, 2nd Ed.), I immediately concluded it was a California Gull since the dark eye automatically eliminated all other adult gull possibilities that might be found in this area. The trace of dark on the tail indicated either a fourth year bird going into final adult plumage or a full adult coming out of winter plumage.

The bird disappeared while I was scanning other gulls loafing on the beach. I then went to the bird banding station at Fort Morgan where I informed the birders there of this vagrant. At about 1:30 p.m., I returned to Mobile Point with Chris Dorgan where we observed it for about 5 minutes. Mr. Dorgan agreed with my original identification and noted all field marks. We returned to

Mobile Point at about 2:30 p.m. with other birders but the gull could not be found.

This record, pending acceptance by the Alabama Bird Records Committee, would constitute the first published report, though hypothetical, of the species occurrence in Alabama. The record is considered hypothetical since there were less than three experienced observers who saw the bird. **Robert A. Duncan**, 614 Fairpoint Dr., Gulf Breeze, Fl. 32561.



Yellow-billed cuckoo, (<u>Coccyzus americanus</u>), 1995, East Jefferson County, AL. Photo by Paul Franklin.

ALABAMA CHRISTMAS BIRD COUNTS, 1994-1995 *

Gerald Moske and Sue Moske

AUBURN, 28 December, 8 Observers, 23.0 Party-hours:

Pied-b Grebe, 4; Gt Blue Heron, 20; Wood Duck, 30; Mallard, 24; Gadwall, 7; Ring-nk Duck, 3; Com Goldeneye, 1; Bufflehead, 2; Hooded Merganser, 52; 74 Red-br Merganser, 1; Black Vulture, 8; Turkey Vulture, 24; N Harrier, 1; Sharpshin Hawk,2; Cooper's Hawk,1; Red-shlrd Hawk,1; Red-tail Hawk,11; Am Kestrel.7: Turkey.2: Am Coot, 60: Killdeer, 36; Com Snipe.2: Woodcock, 1: Ring-b Gull, 73; Rock Dove, 260; Mourning Dove, 126; Screech Owl.2: Gt Horned Owl.3: Barred Owl.2: B Kingfisher, 11: Red-b Wdpkr, 8: Yb Sapsucker,4; Downy Wdpkr,8; Hairy Wdpkr,1; N Flicker,8; Pileated Wdpkr,2; E Phoebe,6; Blue Jay,52; Am Crow,359; Fish Crow,2; Caro Chickadee 45: Tufted Titmouse 26: Red-b Nuthatch 1: Brown-hd Nuthatch 10: Caro Wren, 54; House Wren, 1; G-c Kinglet, 5; R-c Kinglet, 13; E Bluebird, 66; Hermit Thrush, 4; Am Robin, 237; N Mockingbird, 11; Brown Thrasher, 9; Am Pipit, 54; Cedar Waxwing, 100; L Shrike, 6; Starling, 179; Yel-rp Warbler, 71; Pine Warbler, 33: Palm Warbler, 9: Com Yellowthroat, 3: Cardinal, 76: Rufus-s Towhee, 35; Chipping Sp, 106; Field Sp, 140; Vesper Sp, 6; Savannah Sp, 62; Song Sp, 148; Swamp Sp, 87; White-thr Sp, 63; D-e Junco, 60; Red-wg Blackbird, 9: E Meadowlark, 92: Com Grackle, 4: Brn-h Cowbird, 30: Purple Finch, 4; House Finch, 23; Pine Siskin, 2; Am Goldfinch, 180; House Sp. 1.

Total species: 81; Total individuals: 3,293.

Count week: Bald Eagle, 1.

Compiler: Julian L. Dusi, Dept. of Zoology & Wildlife Science, Auburn

University, Auburn AL 36849

BIRMINGHAM, 23 December, 46 Observers, 114.5 Party-hours: Pied-b Grebe, 40; Gt Blue Heron, 25; Canada Goose, 54; Wood Duck, 10; Mallard, 37; Gadwall, 1; Am Widgeon, 3; Canvasback, 9; Ring-nk Duck, 58; L Scaup, 2; Hooded Merganser, 1; Ruddy Duck, 6; Black Vulture, 3; Turkey Vulture, 13; Sharp-shin Hawk, 4; Cooper's Hawk, 5; Red-shlrd Hawk, 20(H); Red-tail Hawk, 50(H); Am Kestrel, 7; N Bobwhite, 5; Coot, 25; Killdeer, 82; Com Snipe, 9; Ring-b Gull, 4; Rock Dove, 1818(H); Mourning Dove, 573; Screech Owl, 4; Gt Horned Owl, 2; Barred Owl, 2; Ruf Hummingbird, 1(b-anded); Allen's Hummingbird, 1(banded); B Kingfisher, 15; Red-hd Wdpkr, 47; Red-b Wdpkr, 124; Y-b Sapsucker, 73(H); Downy Wdpkr, 69; Hairy Wdpkr, 6; N Flicker, 54; Pileated Wdpkr, 11; E Phoebe, 31; Blue Jay, 309;

^{*} Note: (H)-high, (L)-low, (N)-new

Am Crow,582; Caro Chickadee,225; Tufted Titmouse,167; Red-b Nuthatch,5; White-br Nuthatch,51; Brown-hd Nuthatch,93; Brown Creeper,4; Caro Wren,108; House Wren,1; Winter Wren,12; G-c Kinglet,15; R-c Kinglet,101; Bl-gr Knatcatcher,1; E Bluebird,99; Hermit Thrush,33; Am Robin,360; Catbird,1; N Mockingbird,247; Brown Thrasher,50; Am Pipit,1; Cedar Waxwing,838; L Shrike,6; Starling ,3400; Yel-rp Warbler,69; Pine Warbler,30; Com Yellowthroat,2; Cardinal,415; Rufus-s Towhee,130; Chipping Sp,48; Field Sp,72; Vesper Sp,14; Fox Sp,14; Song Sp,216; Swamp Sp,56; White-thr Sp,553; D-e Junco,236; Red-wg Blackbird,2260; E Meadowlark,46; Rusty Blackbird,150; Com Grackle,24130; Brn-hCowbird,66; blackbird,sp,10000; Purple Finch,18; House Finch,293; Am Goldfinch,217; House Sp,96.

Total species: 86; Total individuals: 49,140.

Count week: Pine Siskin,31.

Compiler: Robert R. Reid Jr., 1400 Park Place Tower, Birmingham, AL 35203

DAUPHIN ISLAND, 02 January, 14 Observers, 51.0 Party-hours:

Com Loon, 50; Pied-b Grebe, 8; Horned Grebe, 13; Eared Grebe, 1; Gannet, 5; White Pelican, 196; Brown Pelican, 32; D-cr Cormorant, 376; Gt Blue Heron, -72; Gt Blue Heron(wh form); Gt Egret, 30; Snowy Egret, 27; Little Blue Heron, 4; Reddish Egret, 7; Gn Heron, 1; Bl-cr N-Heron, 3; Yl-cr N-Heron, 1; White Ibis, 18; Snow Goose, 2; Canada Goose, 30; Wood Duck, 1; Green-w Teal, 2; Mallard, 41; Pintail, 8; Gadwall, 2; Gt Scaup, 5; L Scaup, 435; scaup, 25; Oldsquaw, 1; Com Goldeneye, 40; Bufflehead, 38; Hooded Merganser, 5; Red-br Merganser, 167; Ruddy Duck, 18; duck, 4; Black Vulture, 2; Turkey Vulture, 1; N Harrier,1; Sharp-shin Hawk,2; Cooper's Hawk,3; Red-shlrd Hawk,2; Redtail Hawk,1; buteo,1; Am Kestrel,20; Merlin,2; Peregrin Falcon,2; Clapper Rail, 6; Am Coot, 72; Black-b Plover, 41; Snowy Plover, 10; Wilson's Plover, 1; Semipalm Plover, 10; Piping Plover, 8; Killdeer, 162; Am Oystercatcher, 55; G Yellowlegs, 7; Willet, 112; Spotted Sandpiper, 1; Whimbrel, 2; Ruddy Turnstone, 27; Sanderling, 36; W Sandpiper, 99; Dunlin, 276; L-b Dowitcher, 11; dowitcher, 19; Laughing Gull, 757; Bonaparte's Gull, 118; Ring-b Gull, 265; Herring Gull, 205; Gull-billed Tern, 5; Caspian Tern, 45; Royal Tern, 110; Sandwich Tern,4; Com Tern,1; Forster's Tern,88; Black Skimmer,49; Rock Dove, 10; Eur Col Dove, 50; White-wg Dove, 1; Mourning Dove, 84; Gt Horned Owl,1; Ruf Hummingbird,1(no details); B Kingfisher,18; Red-b Wdpkr,7; Y-b Sapsucker,5; Downy Wdpkr,1; N Flicker,9; E Phoebe,11; Tree Swallow,188; Blue Jay,20; Fish Crow,46; Red-b Nuthatch,6; Brown-hd Nuthatch,-21; Caro Wren,21; Sedge Wren,3; R-c Kinglet,15; Bl-gr Knatcatcher,6; E Bluebird, 46; Am Robin, 743; Catbird, 4; N Mockingbird, 40; Brown Thrasher-,11; L Shrike,6; Starling,433; Solitary Vireo,1; Yel-rp Warbler,477; Pine

Warbler,6; Palm Warbler,4; Com Yellowthroat,2; Cardinal,25; Rufus-s Towhee,14; Vesper Sp,2; Savannah Sp,6; Sharp-t Sp,1; Seaside Sp,3; Song Sp,7; Swamp Sp,7; White-thr Sp,16; D-e Junco,4; Red-wg Blackbird,532; E Meadowlark,156; Boat-t Grackle,115; Com Grackle,1; Brn-h Cowbird,3; House Finch,7; Pine Siskin,1; Am Goldfinch,27; House Sp,71.

Total species: 123; Total individuals: 7,598.

Count week: Louisiana Heron,3; Osprey,1; Purple Finch,3; Surf Scoter,1.

Compiler: John Winn, 4179 Lantern Lane S., Mobile, AL 36693

EUFAULA NWR, 18 December, 12 Observers, 47.0 Party-hours:

Com Loon,1; Pied-b Grebe,8; D-cr Cormorant,195; Anhinga,2; Am Bittern,1; Gt Blue Heron,114; Gt Egret,33; Bl-cr N-Heron,24; Snow Goose,1; Canada Goose,508; Wood Duck,126; Green-w Teal,46; Mallard,825; Pintail,15; Blue-w Teal,11; Shoveler,43; Gadwall,28; Am Widgeon,215; Canvasback,6; Ring-nk Duck,450; L Scaup,4;

Com Goldeneye,1; Bufflehead,38; Hooded Merganser,11; duck,300; Black Vulture, 2; Turkey Vulture, 8; Osprey, 1; Bald Eagle, 1; N Harrier, 4; Sharp-shin Hawk, 3; Cooper's Hawk, 1; Red-shlrd Hawk, 8; Red-tail Hawk, 26; Am Kestrel,13; Turkey,4; N Bobwhite,2; King Rail,1; Virginia Rail,2; Sora Rail,1; Com Moorhen, 3: Am Coot, 372; Sandhill Crane, 1: Killdeer, 114; Least Sandpiper,7; Com Snipe,42; Am Woodcock,1; Bonaparte's Gull,43; Ring-b Gull, 885; Herring Gull, 2; Forster's Tern, 39; tern, 40; Rock Dove, 67; Mourning Dove, 288; Grn-Dove, 9; Bn Owl, 3; Screech Owl, 4; Gt Horned Owl, 2; Barred Owl, 1; B Kingfisher, 6; Red-hd Wdpkr, 1; Red-b Wdpkr, 25; Y-b Sapsucker, 12; Downy Wdpkr, 18; Hairy Wdpkr, 2; N Flicker, 16; Pileated Wdpkr, 7; E Phoebe, 23; Blue Jay, 68; Am Crow, 233; Fish Crow, 18; crow, 150; Caro Chickadee, 47; Tufted Titmouse, 34; Red-b Nuthatch, 1; Brown-hd Nuthatch, 23; Brown Creeper, 1; Caro Wren, 49; House Wren, 3; Winter Wren, 4; Sedge Wren, 1; Marsh Wren, 3; G-c Kinglet, 16; R-c Kinglet, 82; Bl-gr Knatcatcher, 1; E Bluebird, 29; Hermit Thrush, 4; Am Robin, 735; Catbird, 3; N Mockingbird-,35; Brown Thrasher,16; Am Pipit,130; Cedar Waxwing,37; L Shrike,5; Starling, 34; Solitary Vireo, 1; Orange-cr Warbler, 2; Yel-rp Warbler, 647; Pine Warbler, 29; Palm Warbler, 6; Com Yellowthroat, 15; Cardinal, 73; Rufus-s Towhee, 77; Chipping Sp, 80; Field Sp, 29; Vesper Sp, 20; Savannah Sp, 8; Le Conte's Sp,1; Fox Sp,2; Song Sp,422; Swamp Sp,385; White-thr Sp,26; White-cr Sp,1; D-e Junco,49; Red-wg Blackbird,223; E Meadowlark,85; Com Grackle.160; Brn-h Cowbird,4; blackbird,400; Purple Finch,3; House Finch,13; Pine Siskin,3; Am Goldfinch,38; House Sparrow,23.

Total species: 120; Total individuals: 9,703.

Count week: Details not provided.

Compiler: Sam Pate, Box 157, Fortson, GA 31808

FORT MORGAN, 29 December, 26 Observers, 76.75 Party-hours:

Com Loon, 42; Pied-b Grebe, 11; Horned Grebe, 33; Gannet, 172; Brown Pelican, 217; D-cr Cormorant, 16316; Am Bittern, 1; Gt Blue Heron, 37; Gt Egret, 4; Snowy Egret.1; Reddish Egret.1; Wood Duck,2; Mallard,2; Blue-w Teal,1; Gadwall, 2: L Scaup, 1381; scaup, 222; Black Scoter, 6; Com Goldeneye, 1; Bufflehead, 643; Hooded Merganser, 17; Com Merganser, 1; Red-br Merganser,85; duck,202; Osprey,1; N Harrier,2; Sharp-shin Hawk,4; Red-shlrd Hawk, 3: Red-tail Hawk, 14: Am Kestrel, 24: Peregrin Falcon, 1: hawk, 1: N Bobwhite, 19; Virginia Rail, 1; Com Moorhen, 4; Am Coot, 65; Black-b Plover.11; Semipalm Ployer, 4; Killdeer, 155; Willet, 17; Spotted Sandpiper, 2; Ruddy Turnstone, 8; Sanderling, 180; peep, 18; Com Snipe, 1; Laughing Gull, 367; Bonaparte's Gull, 261; Ring-b Gull, 229; Herring Gull, 65; gull, 24; Caspian Tern, 51; Royal Tern, 182; Forster's Tern, 277; tern, 10; Eur Col Dove, 10; Mourning Dove, 92; Grn-Dove, 21; Screech Owl, 20; Gt Horned Owl, 8; Ruf Hummingbird(no details), 4; B Kingfisher, 12; Red-b Wdpkr, 34; Y-b Sapsucker,11; Downy Wdpkr,5; N Flicker,9; Pileated Wdpkr,3; E Phoebe,30; Tree Swallow, 20; Blue Jay, 100; Caro Chickadee, 8; Tufted Titmouse, 5; Red-b Nuthatch, 5; Brown-hd Nuthatch, 22; Caro Wren, 34; House Wren, 27; Marsh Wren, 6; R-c Kinglet, 133; Bl-gr Knatcatcher, 13; E Bluebird, 2; Hermit Thrush,8; Am Robin,4652; Catbird,42; N Mockingbird,203; Brown Thrasher,26; Cedar Waxwing, 72; L Shrike, 19; Starling, 198; Solitary Vireo, 10 Orange-cr Warbler,4; Yel-rp Warbler,2430; Yel-thr Warbler,1; Pine Warbler,40; Palm Warbler, 86; Black-and-wh Warbler, 1; Com Yellowthroat, 23; Cardinal, 36; Rufus-s Towhee, 81; Chipping Sp. 15; Clay-col Sp. 1; Field Sp. 28; Savannah Sp.62; Song Sp.24; Lincoln's Sp.2; Swamp Sp.53; White-thr Sp.120; White-cr Sp,1; sparrow,8; D-e Junco,6; Red-wg Blackbird,867; E Meadowlark,30; Com Grackle, 880; Brn-h Cowbird, 94; blackbird, 8; Am Goldfinch, 62; House Sp. 4. Total species: 108; Total individuals: 32,433.

Count week: House Finch, 1.

Compiler: John F. Porter Jr., Post Office Box 848, Dauphin Island, AL 36528

GULF SHORES, 30 December, 42 Observers, 149.0 Party-hours:

Red-th Loon,1(good details); Com Loon,187; Pied-b Grebe,63; Horned Grebe,43; Gannet,144; White Pelican,23; Brown Pelican,590(H); D-cr Cormorant,548; Anhinga,2(good details); Gt Blue Heron,167; Gt Egret,12; Little Blue Heron,3; Gn Heron,4; Bl-cr N-Heron,2; Wood Duck,24; Mallard,35; Blue-w Teal,9; Shoveler,5; Gadwall,8; Am Widgeon,4; Redhead,2; Ring-nk Duck,125; L Scaup,313; scaup,325; Black Scoter,3; Surf Scoter,1(good details); Com Goldeneye,3; Bufflehead,147; Hooded Merganser,26; Red-br Merganser,254; Black Vulture,18; Turkey Vulture,76; Osprey,6; Bald

Eagle,1(N); N Harrier,33; Sharp-shin Hawk,9; Cooper's Hawk,4; accipiter,1; Red-shird Hawk, 8; Red-tail Hawk, 54; buteo, 2; Am Kestrel, 78; Merlin, 4(H); N Bobwhite, 58; Clapper Rail, 20; King Rail, 1; Virginia Rail, 2; Sora Rail, 5; Com Moorhen, 6; Am Coot, 146; Sandhill Crane, 23; Black-b Plover, 45; Snowy Ployer.5: Semipalm Ployer,7(H); Killdeer, 1267; G Yellowlegs,2; L Yellowlegs.5; Willet, 13; Spotted Sandpiper, 3; Ruddy Turnstone, 7; Sanderling, 129; Least Sandpiper, 12; Dunlin, 21; Com Snipe, 72; Am Woodcock, 3; Laughing Gull, 1832; Bonaparte's Gull, 305; Ring-b Gull, 1398; Herring Gull, 86; Caspian Tern, 5: Royal Tern, 152; Forster's Tern, 573(H); Black Skimmer, 4; Rock Dove, 90; Eur Col Dove, 57(H); White-wg Dove, 2[good details(N)]; Mourning Dove.846; Grn-Dove.12; Bn Owl.1; Screech Owl.40; Gt Horned Owl.2; Barred Owl,5(H); Whip-poor-will,3(H); Ruf Hummingbird,1[good details(N)]; B. Kingfisher, 49; Red-hd Wdpkr, 9; Red-b Wdpkr, 123; Y-b Sapsucker, 24; Downy Wdpkr, 26; Hairy Wdpkr, 1; Rec-c Wdpkr, 1; N Flicker, 79; Pileated Wdpkr, 14; E Phoebe, 88; Tree Swallow, 5807; Blue Jay, 402; Am Crow.54: Fish Crow.68: Caro Chickadee.40; Tufted Titmouse,21; Red-b Nuthatch, 17; Brown-hd Nuthatch, 41; Brown Creeper, 2; Caro Wren, 110; House Wren,61; Winter Wren,3; Sedge Wren,20; Marsh Wren,22; G-c Kinglet 10: R-c Kinglet 191: Bl-gr Knatcatcher 9: E Bluebird 211: Hermit Thrush, 41; Am Robin, 15736; Catbird, 89; N Mockingbird, 324; Brown Thrasher, 60; Am Pipit, 334; Cedar Waxwing, 83; L Shrike, 99; Starling, 4624; Whitee Vireo, 5; Solitary Vireo, 40(H); Orange-cr Warbler, 37(H); Yel-rp Warbler,9701; Yel-thr Warbler,1; Pine Warbler,109; Palm Warbler,169(H); Blackand-wh Warbler, 2; Com Yellowthroat, 43; Cardinal, 214; Rufus-s Towhee, 159; Chipping Sp, 297; Field Sp, 134; Vesper Sp, 39; Savannah Sp, 937(H); Grasshopper Sp,6(H); Henslow's Sp,1; Le Conte's Sp,4; Sharp-t Sp,3; Seaside Sp,7; Fox Sp,9(H); Song Sp,253; Lincoln's Sp,1; Swamp Sp,299; White-thr Sp,250; White-cr Sp,2; D-e Junco,6; Red-wg Blackbird,11872; E Meadowlark,520; Boat-t Grackle,43; Com Grackle,6447; Brn-h Cowbird,449; N.(Balt.) Oriole,2[good details(N)]; Purple Finch, 12; House Finch, 134; Am finch, 235; House Sp. 34.

Total species: 155; Total individuals: 72,002.

Count week: Green-winged Teal.

Compiler: Greg D. Jackson, 2220 Baneberry Drive, Birmingham, AL 35244

GUNTERSVILLE, 26 December, 21 Observers, 72.5 Party-hours:

Com Loon,253; Pied-b Grebe,858; Horned Grebe,61; D-cr Cormorant,2613; Gt Blue Heron,231; Bl-cr N-Heron,5; Ross' Goose,1; Canada Goose,285; Wood Duck,20; Green-w Teal,1; Mallard,268; Shoveler,39; Gadwall,4431; Am Widgeon,36; Canvasback,15; Redhead,1; Ring-nk Duck,263; Gt Scaup,-82; L Scaup,1331; Com Goldeneye,443; Bufflehead,290; Hooded Merganser-

.80; Red-br Merganser, 45; Ruddy Duck, 73; Turkey Vulture, 1; Bald Eagle, 48; N Harrier.8: Sharp-shin Hawk.4: Cooper's Hawk,2: Red-shlrd Hawk,6; Redtail Hawk.63: Am Kestrel.43: Am Coot.13433: Killdeer,132: Com Snipe,9; Bonaparte's Gull,477; Ring-b Gull,2461; Herring Gull,94; Forster's Tern,3; Rock Dove.236: Mourning Dove.257: Screech Owl.3: Gt Horned Owl.6; Barred Owl,3; Short-e Owl,8; B Kingfisher,34; Red-hd Wdpkr,5; Red-b Wdpkr,114; Y-b Sapsucker,62; Downy Wdpkr,30; Hairy Wdpkr,5; N Flicker,82; Pileated Wdpkr,14; E Phoebe,36; Blue Jay,267; Am Crow,561; Caro Chickadee, 189; Tufted Titmouse, 210; Red-b Nuthatch, 22; White-br Nuthatch,53; Brown-hd Nuthatch,108; Brown Creeper,12; Caro Wren,103; House Wren, 2; Winter Wren, 27; G-c Kinglet, 127; R-c Kinglet, 176; E Bluebird, 476; Hermit Thrush, 51; Am Robin, 309; N Mockingbird, 148; Brown Thrasher, 30; Am Pipit, 1; Cedar Waxwing, 451; L Shrike, 9; Starling, 6049; Yel-rp Warbler-,60; Pine Warbler,7; Cardinal,312; Rufus-s Towhee,51; Chipping Sp,76; Field Sp,392; Savannah Sp,25; Fox Sp,4; Song Sp,268; Swamp Sp,102; White-thr Sp.502; D-e Junco,439; Red-wg Blackbird,599; E Meadowlark,359; Com Grackle, 5; Brn-h Cowbird, 16; Purple Finch, 14; House Finch, 4; Am Goldfinch, 25; Evening Grosbeak, 5; House Sp, 25.

Total species: 100; Total individuals: 47,693.

Count week: Horned Lark.

Compiler: Linda B. Reynolds, 3909 Morrow St., Guntersville, AL 35967

MOBILE-TENSAW DELTA, 16 December, 19 Observers, 71.25 Partyhours:

Pied-b Grebe, 86; Horned Grebe, 11; White Pelican, 337; Brown Pelican, 14; Dcr Cormorant, 249; Anhinga, 2; Gt Blue Heron, 90; Gt Egret, 111; Snowy Egret, 163; Little Blue Heron, 22; Tricolored Heron, 19; Bl-cr N-Heron, 160; Wt Ibis, 257; Glossy Ibis, 4; Canada Goose, 6; Green-w Teal, 318; Mallard, 17; Pintail, 6; Blue-w Teal, 56; Shoveler, 74; Gadwall, 19; Am Widgeon, 11; Canvasback, 10; Redhead, 6; Ring-nk Duck, 54; Gt Scaup, 18; Bufflehead, 35; duck-,171; Turkey Vulture, 103; Osprey, 7; Bald Eagle, 2; N Harrier, 11; Sharp-shin Hawk, 3; Cooper's Hawk, 1; Red-shlrd Hawk, 17; Am Kestrel, 10; Merlin, 1; hawk,2; Clapper Rail,1; Sora Rail,1; Com Moorhen,40; Am Coot,20600(H); Killdeer, 145; Bl-neck Stilt, 13 G Yellowlegs, 26; L Yellowlegs, 23; Lg-bill Curlew,1; Least Sandpiper,16; Dunlin,10; dowitcher,46; Com Snipe,24; Laughing Gull, 120; Bonaparte's Gull, 115; Ring-b Gull, 87; Herring Gull, 8; gull,1; Caspian Tern,11; Royal Tern,9; Forster's Tern,51; tern,1; Rock Dove,3; Mourning Dove,332; Screech Owl,5; Gt Horned Owl,2; Barred Owl,1; owl,1; B Kingfisher,18; Red-b Wdpkr,53; Y-b Sapsucker,7; Downy Wdpkr,11; Hairy Wdpkr,1; N Flicker,26; Pileated Wdpkr,12; wdpkr,1; E Phoebe, 29; Tree Swallow, 8; Blue Jay, 50; Am Crow, 22; Caro Chickadee, 14; Tufted Titmouse, 13; Brown-hd Nuthatch, 6; Caro Wren, 60; House Wren, 8;

Marsh Wren,10; G-c Kinglet,4; R-c Kinglet,105; Bl-gr Knatcatcher,2; E Bluebird,108; Hermit Thrush,5; Am Robin,644; Catbird,17; Mockingbird,41; Brown Thrasher,16; L Shrike,10; Starling,381; White-e Vireo,1; Solitary Vireo,14; Orange-cr Warbler,13; Yel-rp Warbler,641; Yel-thr Warbler,2; Pine Warbler,86; Palm Warbler,8; Com Yellowthroat,3; Cardinal,59; Rufus-s Towhee,36; Chipping Sp,63; Field Sp,3; Savannah Sp,23; Grasshopper Sp,20; Song Sp,25; Swamp Sp,51; White-thr Sp,66; sparrow,37; D-e Junco,1; Redwg Blackbird,1065; Boat-t Grackle,408; Com Grackle,127; blackbird,2755; Purple Finch,3, House Finch,9; Pine Siskin,1; Am Goldfinch,28; House Sparrow,12.

Total species: 117; Total individuals: 31,483.

Count week: Tundra Swan, Am Black Duck, Peregrin Falcon, Com Goldeneye.

Compiler: Roger Clay, Post Office Box 7245, Spanish Fort, AL 36577.

MONTGOMERY, 31 December, 10 Observers, 36.3 Party-hours:

Com Loon,2; Pied-b Grebe,29; D-cr Cormorant,2391; Gt Blue Heron,50: Gt Egret. 122: Canada Goose, 66; Wood Duck, 114; Green-w Teal, 1; Mallard, 6; Blue-w Teal.3: Shoveler.2: Gadwall.8: Am Widgeon,1: Canvasback,2: Ringnk Duck, 47; L Scaup, 1; Hooded Merganser, 13; N Harrier, 1; Sharp-shin Hawk,2; Cooper's Hawk,3; Red-shlrd Hawk,9; Red-tail Hawk,21: Am Kestrel.13: Am Coot, 125: Killdeer, 111: G Yellowlegs, 3: Least Sandpiper, 62: Com Snipe, 3; Am Woodcock, 1; Ring-b Gull, 112; Herring Gull, 9; Forster's Tern, 1; Rock Dove, 301; Eur Col Dove, 50; Mourning Dove, 290; Bn Owl, 2; Gt Horned Owl.6: Barred Owl.4: B Kingfisher, 20: Red-hd Wdpkr, 24: Red-b Wdpkr,52; Y-b Sapsucker,12; Downy Wdpkr,20; N Flicker,39; Pileated Wdpkr,2; E Phoebe, 7; Blue Jay, 126; Am Crow, 80; Fish Crow, 6; Caro Chickadee, 94; Tufted Titmouse, 44; Red-b Nuthatch, 1; Brown Creeper, 2; Caro Wren, 88; G-c Kinglet, 2; R-c Kinglet, 60; E Bluebird, 24; Hermit Thrush, 5; Am Robin, 173; N Mockingbird, 92; Brown Thrasher, 32; Am Pipit, 183; Cedar Waxwing, 100; L Shrike, 24; Starling, 1506; Solitary Vireo, 4; Yel-rp Warbler, 382; Pine Warbler.40; Palm Warbler, 10; Com Yellowthroat, 2; Cardinal, 303; Rufus-s

Towhee,145; Field Sp,22; Vesper Sp,16; Savannah Sp,82; Song Sp,228; Swamp Sp,44; White-thr Sp,286; sparrow,10; D-e Junco,7; Red-wg Blackbird,1707; E Meadowlark,105; Com Grackle,2498; Brn-h Cowbird,2420; blackbird,8000; Purple Finch,3; Am Goldfinch,26; House Sp,107.

Total species: 87; Total individuals: 23,253.

Count week: Black Vulture, Turkey Vulture, Hairy Woodpecker, Pine Siskin. Compiler: Lawrence Gardella, 3549 Audubon Road, Montgomery, AL 36111

TUSCALOOSA, 27 December, 15 Observers, 38.0 Party-hours:

Pied-b Grebe. 20: Gt Blue Heron. 50: Wood Duck. 33: Mallard. 80: Gadwall. 3: Canvasback, 1; Ring-nk Duck, 128; L Scaup, 16; Com Goldeneye, 1; Bufflehead,44; Hooded Merganser,5; Ruddy Duck,1; Black Vulture,25; Turkey Vulture, 22; Bald Eagle, 2; N Harrier, 12; Sharp-shin Hawk, 1; Cooper's Hawk,2; Red-shlrd Hawk,10; Red-tail Hawk,37; Am Kestrel,18; N Bobwhite,11; Am Coot, 23; Killdeer, 136; Com Snipe, 24; Am Woodcock, 1; Rock Dove, 192; Mourning Dove, 148; Barred Owl, 3; B Kingfisher, 11; Red-hd Wdpkr, 13; Redb Wdpkr,43; Y-b Sapsucker,10; Downy Wdpkr,19; N Flicker,38; Pileated Wdpkr, 18; E Phoebe, 23; Blue Jay, 98; Am Crow, 146; Fish Crow, 9; Caro Chickadee, 59; Tufted Titmouse, 40; White-br Nuthatch, 14; Brown-hd Nuthatch.11: Brown Creeper.1: Caro Wren.23: House Wren.2: Winter Wren.1: G-c Kinglet, 17; R-c Kinglet, 33; E Bluebird, 88; Hermit Thrush, 6; Am Robin, 165; N Mockingbird, 78; Brown Thrasher, 15; Am Pipit, 1; Cedar Waxwing, 155; L Shrike, 15; Starling, 2093; Solitary Vireo, 5; Orange-cr Warbler, 4; Yel-rp Warbler, 48; Pine Warbler, 16; Palm Warbler, 3; Cardinal, 140; Rufus-s Towhee,31; Chipping Sp,111; Field Sp,113; Vesper Sp,13; Savannah Sp,250; Fox Sp,3; Song Sp,132; Swamp Sp,44; White-thr Sp,178; D-e Junco,114; Red-wg Blackbird, 2569; E Meadowlark, 186; Rusty Blackbird, 85; Com Grackle, 425; Brn-h Cowbird, 14; Purple Finch, 3; House Finch, 37; Pine Siskin, 1; Am Goldfinch, 55; House Sp, 54.

Total species: 87; Total individuals: 8,931.

Count week: Green-backed Heron,1; Blue-winged Teal,2.

Compiler: John C. Hall, Al. Museum of Natural History, Box 870340, Tuscaloosa, AL 35487

WATERLOO, 16 December, 21 Observers, 78.0 Party-hours:

Com Loon,33; Pied-b Grebe,80(H); Horned Grebe,43; D-cr Cormorant,11; Gt Blue Heron,190; Canada Goose,20; Wood Duck,1; Green-w Teal,10(H); Am Black Duck,3; Mallard,156; Pintail,1; Shoveler,21(H); Gadwall,600(H); Am Widgeon,21(H); Canvasback,12; L Scaup,68; Com. Goldeneye,31; Bufflehe-ad,280; Hooded Merganser,1195; Com Merganser,2; Red-br Merganser,74; Turkey Vulture,50(H); Bald Eagle,33; N Harrier,8; Sharp-shin Hawk,6; Cooper's Hawk,4; accipter,1; Red-shlrd Hawk,6; Red-tail Hawk,55; Am Kestrel,9; N Bobwhite,25; Am Coot,140; Killdeer,237; Com Snipe,42; Laughing Gull,1(N); Bonaparte's Gull,1903; Ring-b Gull,1454; Herring Gull,8; Forster's Tern,11; Rock Dove,20; Mourning Dove,570(H); Screech Owl,11; Gt Horned Owl,7; Barred Owl,5; B Kingfisher,28; Red-hd Wdpkr,1; Red-b Wdpkr,73; Y-b Sapsucker,63; Downy Wdpkr,51; Hairy Wdpkr,9; N Flicker,61; Pileated Wdpkr,24; E Phoebe,34(H); Horned Lark,1; Blue Jay,1-98; Am Crow,298; Caro Chickadee,204; Tufted Titmouse,124; Red-b Nuthatch,34; White-br Nuthatch,34; Brown Creeper,12; Caro Wren,157; House

Wren,2; Winter Wren,8; Sedge Wren,1; G-c Kinglet,147; R-c Kinglet,272(**H**); E Bluebird,299; Hermit Thrush,61; Am Robin,551; N Mockingbird,75; Brown Thrasher,13; Am Pipit,34; Cedar Waxwing,407; L Shrike,8; Starling,1338; Orange-cr Warbler,2(N); Yel-rp Warbler,329; Pine Warbler,111(**H**); Prairie Warbler,1(N); Cardinal,320; Rufus-s Towhee,52; Chipping Sp,9; Field Sp,-250; Vesper Sp,1; Savannah Sp,14; Fox Sp,20; Song Sp,376; Lincoln's sp,1; Swamp Sp,113; White-thr Sp,546; White-cr Sp,7; D-e Junco,525; Red-wg Blackbird,1135; E Meadowlark,274; Rusty Blackbird,78; Com Grackle,329; Brn-h Cowbird,7; Purple Finch,1; House Finch,13; Am Goldfinch,109; House Sp,55.

Total species: 101; Total individuals: 16,758.

Compiler: Paul D. Kittle, Dept. of Bilolgy, Univ. of North Alabama, Florence, AL 35632

WHEELER NWR, 16 December, 33 Observers, 99.0 Party-hours:

Pied-b Grebe, 408; Horned Grebe, 62; D-cr Cormorant, 36; Gt Blue Heron, 535; Gt Egret, 46; Tundra Swan, 1; Gt Wh-frt Goose, 16; Snow Goose(blue form)-,1403; Snow Goose,353; Ross' Goose,2; Brant,1; Canada Goose,1760(L); Wood Duck, 34; Green-wing Teal, 1100(H); Am Black Duck, 714; Mallard, 1-8350; Pintail, 1474; Shoveler, 225; Gadwall, 1241; Am Widgeon, 2978; Canvasback,66; Ring-nk Duck,213; Gt Scaup,1; L Scaup,199; Com Goldeneye,63; Bufflehead, 286(H); Hooded Merganser, 204; Red-br Merganser, 5; Ruddy Duck, 24; Turkey Vulture, 4; Bald Eagle, 5; N Harrier, 20; Sharp-shin Hawk-,19(H); Cooper's Hawk,7(H); Red-shlrd Hawk,5; Red-tail Hawk,126; Am Kestrel, 52; Merlin, 2; Peregrin Falcon, 1; N Bobwhite, 12; Am Coot, 1422; Sandhill Crane,1; Semipalm Plover,1; Killdeer,811; G Yellowlegs,81; L Yellowlegs, 8; Least Sandpiper, 142; Dunlin, 12; Com Snipe, 44; Bonaparte's Gull, 12; Ring-b Gull, 1987; Herring Gull, 14; Forster's Tern, 1; Rock Dove, 9-19; Mourning Dove, 581; Screech Owl, 8; Gt Horned Owl, 6; Barred Owl, 1: Short-e Owl,1; Ruf Hummingbird,1; B Kingfisher,38; Red-hd Wdpkr,10; Red-b Wdpkr,148; Y-b Sapsucker,74; Downy Wdpkr,62; Hairy Wdpkr,12; N Flicker, 134; Pileated Wdpkr, 20; E Phoebe, 10; Horned Lark, 143; Blue Jay, 3-35; Am Crow, 890; Caro Chickadee, 197; Tufted Titmouse, 121; Red-b Nuthatch,6; White-br Nuthatch,5; Brown Creeper,7; Caro Wren,211; House Wren,5; Winter Wren,26; G-c Kinglet,69; R-c Kinglet,173; E Bluebird,135; Hermit Thrush, 43; Am Robin, 5852(H); N Mockingbird, 159(H); Brown Pipit,53; Cedar Waxwing,3521(H); Thrasher, 59; Am Starling, 3500; Solitary Vireo, 1; Orange-cr Warbler, 2; Yel-rp Warbler, 178; Pine Warbler, 63(H); Palm Warbler, 2; N. Cardinal, 354; Rufus-s Towhee, 99; Chipping Sp,20; Field Sp,182; Savannah Sp,44; Fox Sp,2(L); Song Sp,469; Lincoln's Sp,1; Swamp Sp,303; White-thr Sp,544; White-cr Sp,2; D-e

Junco, 128; Lapland Lgspur, 1; Red-wg Blackbird, 12174; E Meadowlark, 266;

Rusty Blackbird, 281; Com Grackle, 1700; Brn-h Cowbird, 605; Purple Finch, 3; House Finch, 77: Am Goldfinch, 103: House Sp. 201.

Total species: 117(H); Total individuals: 71,586.

Compiler: J. Milton Harris, 3119 Highland Plaza, Huntsville, AL 35801

LIST OF OBSERVERS with initials of count: Rich Alfiero, Wh; Bob Andrews.MT: Gussie Arnett.B.GS: Laurie Bailey.F.MT; Russell Bailey.B; Fred Bassett, Mg: Raymond Bates, B: Pam Beasley, F: Donna Berger, Wh; Michael Beuerlein, Wa: Paul Blakeburn, F; Harry L. Blewitt, T; Linda Bogaiges, F; Laura Bounds, F.; Betve Boyd, G.; Bill Bremser, GS; Greta Bremser, GS; Lela Anne Brewer, B, GS; Tom Brindley, Wh; Ralph Brinkhurst, Wa; Lindsay Burgreen, G; Walt Burch, Wa; Lindsey Burghreen, Wh; Bill Burroughs, F; Linda Buzzard, B; Maxie Bryant, T; Keith Carter, F, MT; Ed Case, F; Bobby Cherones.T: Marcia Clark, GS; Morris Clark, GS; Tom Clark, B; Roger Clay, DI, F, -MT; Mac Cone, Mg; Dwight Cooley, G; Alice Crittenden, Wh; Dick Crittenden, B, GS, Wh; Judy Crittenden, B, GS; Don Darnal, B, GS; Temd Deason, T; Larry Derrick, Wa; Bob Duncan, GS; Lucy Duncan, GS; Scot Duncan, GS; William Duncan, GS; Charles Durrin, G; Veronica Durrin, G; Julian L. Dusi, Au; Rosemary Dusi, Au; Betsy Eagar, F, MT; Doug Eden, DI; Jeanette Eden, DI; John Ehinger, G, Wh; Trip Etheridge, Mg; Owen Fang, GS; Anita Faucett, B; Bob Ferris, GS; Harriet Findlay, Wh; Mary Floyd, MT; Ann Forster, F; Dan Forster, F; Paul Franklin, B, G, Wh; Bill Friday, Wh; Venetia Friend, GS, MT; Ann Fullilove, F; Bill Fullilove, F; Sherlie Gade, F; Larry Gardella, Mg; Jeff Gardner, Wa: David George, B.G.T. Wh: George Gerry, Wh: Peggy Gibbs, F: Verdon Gibbs, F: Jimmy Gilliland, Mg: Tom Haggerty, Wa: John Hall, T: Dana Hamilton, B, G, Wh; Stan Hamilton, B, G, Wh; Greg Harber, B, Wh; Martin Hardy, Wa; Bert Harris, G, Wh; Milton Harris, G, Wh; Esker Harrison, T; Ralph Harvard, DI; Louise Hawley, F; Paulette Haywood, B; Jane Herring, Au; Geoffrey Hill, Au; Catherine Hodges, B; Jerome Hoffman, T; Jeanette Holladay, Wa; Sharon Hudgins, B, G, T; Mike Hudson, F, GS; Marilyn Huey, B, Wh; Maude Hulcher, B.; John Imhof, B.; Debi Jackson, GS; Greg Jackson, GS; Bettve James,B,Wh; Alice Johnston,GS; Ira Jupfoberg,Mg; Jerry Kearney,MT; Karen Kearney, MT; Joe Kelly, T; Charles Kennedy, Mg; Pete Kennedy, B; Rosemary Kennedy, B; Richard Kidder, T; Joan King, T; Helen Kittinger, B, GS, Wh; Paul Kittle, Wa; Clive Knee, DI, MT; Sherry Lamar, Wh; David Larsen, B; Sandra Lefstad, B, GS; John Lehrter, Wa; David Lewis, G, Wh; Melvin Long, F; Frances Markine, Wa; Gary Markine, Wa; Annabel Markle, Mg; Lowell McConnell, Wh; Steve McConnell, GS, Wh; Vicki McConnell, GS; Renee McDonald, B; Lluacille McElroy, MT; Mike McMillian, F, GS; Bobbie Meade, DI; Jim Meade, DI; Andrea Menyhert, Mg; Ann Miller, GS, Wh; Ed Miller, B, GS; Mary Lou Miller, B.GS; B.J. Morgan, B; Fred Moore, B; Sara Moore, B; Gerald Moske, Wh; Sue Moske, Wh; Jane Newell, Wa; Minnie Nonkes, F, MT; Doug O'Bannon,Mg; Dee Patterson,Wa; Buzz Peavy,B,GS; Caroline Persons,Au; Anthony Piazza,B; Ned Piper,Wa; Jackie Porter,DI,F,GS; John Porter,DI,F,GS; Lisa Reed,B; Marshall Reed,B; Elberta Reid,B,GS,Wh; Robert Reid Jr.,B,GS,Wh; Dick Reynolds,G; Linda Reynolds,G; Chester Roe,Au; Bill Rogers,Wa; Sandy Rosamond,Mg; Kathryn Rowan,B; Pelham Rowan,B; Bob Sargent,GS,Wh; Martha Sargent,GS,Wh; Bobby Sartain,T; Maureen Shaffer,B,Wh; Floyd Sherrod,Wa; Damien Simbeck,Wa; Maude Skiba,F; Brenda Smith,G; Horton Smith,G; Stan Smith,B,GS; Idalene Snead,B; Betsy Tetlow,GS; Phil Tetlow,GS; Helen Thigpen,B; Jane Thomas,Au; Mary Tiller,MT; Ralph Tiller,MT: Roderick Trussell,G; Allen Tubbs,DI,MT; Pricilla Tubbs,DI; Mark Van Hoose,DI,GS; Susanne Wadsworth,Wa; Ken Ward,G,Wh; Rufina Ward,G; Sandra Ward,GS; Donald Ware,GS; Tom Wear,T; Ted Weems,B,GS; Chan West,F; Lorna West,Au; Sarah Whitfield,MT; Fred Wiley,Wa; Karen Wilson,MT; Mike Wilson,MT; John Winn,MT; Carmelita Yates,Wa.

Total: 195, Gerald Moske and Sue Moske, 702 Royce Circle, Huntsville AL, 35803.

FLORIDA CHRISTMAS BIRD COUNTS, 1995-1996 *

Gerald Moske and Sue Moske

CHOCTAWHATCHEE BAY, 28 December, 39 Observers, 125.0 Partyhours:

Com Loon,203; Pied-b Grebe,78; Horned Grebe,155; Eared Grebe,2; Gannet,197; White Pelican,63; Brown Pelican,437; D-cr Cormorant,416; Gt Blue Heron,82; Gt Egret,12; Cattle Egret,3; Bl-cr N-Heron,1; Yl-cr N-Heron,2(-good details); Snow Goose,12; Wood Duck,24; Green-w Teal,178; Mallard,5; Pintail,1; Blue-w Teal,20; Shoveler,11; Gadwall,7; Redhead,10; Ring-nk Duck,82; Gt Scaup,5; L Scaup,39; Oldsquaw,1(good details); Surf Scoter,2; White-w Scoter,1(good details); Com Goldeneye,1; Bufflehead,628; Red-br Merganser,263; Ruddy Duck,8; duck,2; Black Vulture,48; Turkey Vulture,119; Osprey,6; Bald Eagle,2; N Harrier,4; Sharp-shin Hawk,3; Cooper's Hawk,1; Red-shlrd Hawk,11; Red-tail Hawk,11; Am Kestrel,40; Merlin,1; N Bobwhite,6; Virginia Rail,7; Sora Rail,1; Am Coot,1374; Black-b Plover,16; Killdeer,681; G Yellowlegs,12; Willet,19; Ruddy Turnstone,7; Sanderling,127; Least Sandpiper,167; Dunlin,2; Com Snipe,180; Am Woodcock,1; Laughing Gull,1526; Franklin's Gull,2(good details); Bonaparte's Gull,1141; Ring-b Gull,782; Herring Gull,43; Kelp Gull,1[pending(N)]; Royal Tern,89; Forstr's

^{*} Note: (H)-high, (L)-low, (N)-new

Tern. 94: Black Skimmer. 1: Rock Dove. 280: Eur Col Dove. 149: Mourning Dove.1559; Grn-Dove.1; E Screech Owl.1; Buf-bellied Hummingbird,-1(banded): Bl-chin Hummingbird,1(good details): B Kingfisher,33; Red-hd Wdpkr,6; Red-b Wdpkr,89; Y-b Sapsucker,5; Downy Wdpkr,23; Rec-c Wdpkr.1: N Flicker.57: Pileated Wdpkr.8: E Phoebe.47: Tree Swallow.4: Bank Swallow,1(good details); Blue Jay,205; Am Crow,38; Fish Crow,26; crow.2; Caro Chickadee, 124; Tufted Titmouse, 105; Red-b Nuthatch, 2; Brownhd Nuthatch, 16: Caro Wren, 74: House Wren, 48: Sedge Wren, 5: Marsh Wren. 1: G-c Kinglet. 27: R-c Kinglet. 137: Bl-gr Knatcatcher. 15: E Bluebird. 36; Hermit Thrush, 9; Am Robin, 111; Catbird, 12; N Mockingbird, 203; Brown Thrasher, 29; Am Pipit, 13; Cedar Waxwing, 274; L Shrike, 19; Starling, 2133; Solitary Vireo, 22; Orange-cr Warbler, 12; Yel-rp Warbler, 1124; Yel-thr Warbler, 2; Pine Warbler, 377; Palm Warbler, 14; Black-and-wh Warbler, 1; Com Yellowthroat, 11; Cardinal, 176; Indigo Bunting, 2(good details); Rufus-s Towhee, 53; Chipping Sp. 66; Field Sp. 38; Vesper Sp. 6; Savannah Sp. 108; Grasshopper Sp.1: Le Conte's Sp.1: Sharp-t Sp.1: Song Sp.84: Swamp Sp.90: White-thr Sp. 189; White-cr Sp. 3; D-e Junco. 3; Red-wg Blackbird, 389; E Meadowlark, 182; Com Grackle, 558; Brn-h Cowbird, 78; House Finch, 73; Am Goldfinch, 131; House Sp, 228.

Total species: 137; Total individuals: 19,315.

Count week: Anhinga,1; American Widgeon,1; Snowy Plover,1; Common Tern,1.

Compiler: Donald M. Ware, 662 Fairway Ave., Fort Walton Beach, FL 32547

MARIANNA, 23 December, 29 Observers, 100.0 Party-hours:

Pied-b Grebe, 11: D-cr Cormorant, 3: Anhinga, 10: Gt Blue Heron, 46: Gt Egret, 13; Cattle Egret, 3; Gn Heron, 2; Yl-cr N-Heron, 1; Wh Ibis, 19; Wood Duck, 76; Mallard, 14; Ring-nk Duck, 8; Bufflehead, 4; Hooded Merganser, 64; duck,40; Black Vulture,66; Turkey Vulture,306; N Harrier,7; Sharp-shin Hawk, 2; Cooper's Hawk, 1; Red-shlrd Hawk, 14; Broad-wg Hawk, 2; Red-tail Hawk, 28; buteo, 1; Am Kestrel, 44; Merlin, 1; Turkey, 1; Com Moorhen, 2; Am Coot,4; Killdeer,556; G Yellowlegs,1; Spotted Sandpiper,2; Com Snipe,14; Ring-b Gull.4; Rock Dove.50; Mourning Dove.664; Grn-Dove.26; Screech Owl,2; Barred Owl,4; B Kingfisher,30; Red-hd Wdpkr,1; Red-b Wdpkr,104; Y-b Sapsucker, 26; Downy Wdpkr, 16; Hairy Wdpkr, 4; N Flicker, 34; Pileated Wdpkr, 24; E Phoebe, 122; Tree Swallow, 20; Rough-w Swallow, 25; Blue Jay, 116; Am Crow, 716; Fish Crow, 7; Caro Chickadee, 74; Tufted Titmouse, -49; Brown-hd Nuthatch, 1; Brown Creeper, 2; Caro Wren, 42; House Wren, 11; Winter Wren, 3: Sedge Wren, 5: Marsh Wren, 2: G-c Kinglet, 12: R-c Kinglet, 139: Bl-gr Knatcatcher, 18: E Bluebird, 173: Hermit Thrush, 18: Am Robin, 2-613; Catbird, 2; N Mockingbird, 145; Brown Thrasher, 14; Am Pipit, 90; Cedar Waxwing,88; L Shrike,26; Starling,165; White-e Vireo,4; Solitary Vireo,6; Orange-cr Warbler,1; Yel-rp Warbler,345; Yel-thr Warbler,2; Pine Warbler,140; Palm Warbler,158; Black-and-wh Warbler,1; Com Yellowthroat,10; Cardinal,286; Rufus-s Towhee,43; Chipping Sp,416; Field Sp,20; Vesper Sp,36; Savannah Sp,88; Fox Sp,5; Song Sp,110; Swamp Sp,13; White-thr Sp,92; D-e Junco,32; Red-wg Blackbird,682; E Meadowlark,584; Rusty Blackbird,1356; Brewer's Blackbird,30; Com Grackle,79; Brn-h Cowbird,11-85; blackbird,393; Purple Finch,25; House Finch,11; Am Goldfinch,109; House Sp,25.

Total species: 104; Total individuals: 13,314.

Compiler: J. Richard Ingram, 12634 Piercy Road, Panama City, FL 32404

PENSACOLA, 16 December, 33 Observers, 92.5 Party-hours:

Com Loon, 130; Pied-b Grebe, 73; Horned Grebe, 32; Gannet, 6; White Pelican,35; Brown Pelican,598; D-cr Cormorant,231; Gt Blue Heron,64; Gt Egret-.14; Snowy Egret, 25; Gn Heron, 4; Canada Goose, 50; Wood Duck, 1; Mallard,73; Blue-w Teal,4; Gadwall,4; Redhead,454; Ring-nk Duck,16; L Scaup,33; Com Goldeneye, 25; Bufflehead, 382; Hooded Merganser, 6; Red-br Merganser,234; Ruddy Duck,1; Turkey Vulture,2; Osprey,2; Sharp-shin Hawk,5; Cooper's Hawk,9; Red-shlrd Hawk,2; Red-tail Hawk,11; Am Kestrel,13; Merlin, 2: Clapper Rail, 4; Sora Rail, 1; Am Coot, 225; Black-b Plover, 32; Semipalm Plover,1; Killdeer,108; L Yellowlegs,1; Willet,9; Spotted Sandpiper, 7; Ruddy Turnstone, 60; Sanderling, 75; Dunlin, 21; Com Snipe, 8; Laughing Gull, 1203; Bonaparte's Gull, 6; Ring-b Gull, 1055; Herring Gull, 52; Royal Tern, 24; Com Tern, 3; Forster's Tern, 13; Black Skimmer, 1; Rock Dove, 244; Eur Col Dove, 106 White-w Dove, 2; Mourning Dove, 1780; E Screech Owl, 29; Gt Horned Owl.3: Barred Owl.1: Buff-b Hummingbird.1(banded): Ruby-thd Hummingbird, 1; Bl-chinned Hummingbird, 1(banded); Calliope Hummingbird,3(banded); Ruf Hummingbird,8(banded); B Kingfisher,46; Red-hd Wdpkr,1; Red-b Wdpkr,73; Y-b Sapsucker,13; Downy Wdpkr,17; N Flicker,39; Pileated Wdpkr,3; E Phoebe,16; Tree Swallow,9; Blue Jay,309; Am Crow, 30; Fish Crow, 5456; Caro Chickadee, 70; Tufted Titmouse, 124; Red-b Nuthatch, 7; Brown-hd Nuthatch, 34; Caro Wren, 79; House Wren, 12; Sedge Wren, 13; Marsh Wren, 8; G-c Kinglet, 1; R-c Kinglet, 107; Bl-gr Knatcatcher-,18; E Bluebird,84; Hermit Thrush,4; Am Robin,452; Catbird,7; N Mockingbird, 181; Brown Thrasher, 25; Cedar Waxwing, 10; L Shrike, 18; Starling, 1411; Solitary Vireo, 14; Orange-cr Warbler, 32; Yel-rp Warbler, 1317; Yel-thr Warbler, 3; Pine Warbler, 62; Palm Warbler, 2; Black-and-wh Warbler, 4; Com Yellowthroat, 11; Cardinal, 137; Rufus-s Towhee, 30; Chipping Sp, 63; Field Sp,11; Savannah Sp,9; Henslow's Sp,2; Sharp-t Sp,25; Seaside Sp,5; Song Sp,31; Swamp Sp,55; White-thr Sp,107; D-e Junco,2; Red-wg Blackbird,206;

E Meadowlark,13; Com Grackle,558; Brn-h Cowbird,131; House Finch,99; Am Goldfinch,61; House Sp,143.

Total species:124; Total individuals: 19,439.

Count week: Reddish Egret,173; Bald Eagle,262; N. Harrier,264; Sandwich Tern,426; Barn Swallow,614.

Compiler: Edmond G. Case, 3634 Tiger Point Blvd., Gulf Breeze, FL 32561.

PERDIDO BAY, FL-AL, 23 December, 38 Observers, 121.75 Party-hours: Com Loon, 507; Pied-b Grebe, 100(H); Horned Grebe, 86; Gannet, 463(H); White Pelican, 43; Brown Pelican, 835(H); D-cr Cormorant, 870(H): Am Bittern, 1; Gt Blue Heron, 170; Gt Egret, 12; Snowy Egret, 15; Cattle Egret, 1; Gn Heron, 2; Bl-cr N-Heron, 40; Wood Duck, 14; Mallard, 34; Pintail, 2; Blue-w Teal, 11; Am Widgeon, 2; Ring-nk Duck, 27; Gt Scaup, 8; L Scaup, 4; scaup, 7; Com Goldeneye, 3; Bufflehead, 173; Hooded Merganser, 25; Red-br Merganser,1045; Ruddy Duck,1; duck,1; Black Vulture,3; Turkey Vulture,45; Osprey-.8; N Harrier, 4; Sharp-shin Hawk, 5; Cooper's Hawk, 3; Red-shlrd Hawk, 2; Red-tail Hawk, 21(H); buteo, 1; Am Kestrel, 31; Merlin, 1; Peregrin Falcon, 1; hawk, sp., 1; Yellow Rail, 1(N); Clapper Rail, 10; Virginia Rail, 2; Sora Rail, 2; Com Moorhen, 1; Am Coot, 140; Black-b Plover, 59; Snowy Plover, 19; Semipalm Ployer,6; Piping Ployer,1; Killdeer,330; G Yellowlegs,6; Willet,83; Spotted Sandpiper, 3; Ruddy Turnstone, 54; Red Knot, 2; Sanderling, 284; Least Sandpiper, 11; Dunlin, 55; Com Snipe, 24; Laughing Gull, 1682(H); Bonaparte's Gull, 906; Ring-b Gull, 1175; Herring Gull, 84(L); Kelp Gull details submitted-pending(N)]; gull, sp, 500; Royal Tern, 87; Forster's Tern, 178; tern, sp, 1-00; Black Skimmer, 35; Rock Dove, 306; Mourning Dove, 772; Grn-Dove, 4; E Screech Owl,1; Gt Horned Owl,5; B Kingfisher,78; Red-b Wdpkr,70; Y-b Sapsucker, 14; Downy Wdpkr, 5; N Flicker, 25; Pileated Wdpkr, 11 (H); E Phoebe, 60; Tree Swallow, 25; Blue Jay, 464(H); Am Crow, 14; Fish Crow, 270; Caro Chickadee,65; Tufted Titmouse,58; Red-b Nuthatch,3; Brown-hd Nuthatch, 58; Caro Wren, 79; House Wren, 27; Sedge Wren, 4; Marsh Wren, 26; G-c Kinglet, 2; R-c Kinglet, 179; Bl-gr Knatcatcher, 16; E Bluebird, 127; Hermit Thrush, 26(H); Am Robin, 2408; Catbird, 53(H); N Mockingbird, 457(H); Brown Thrasher, 40; Am Pipit, 61(H); Cedar Waxwing, 547(H); L Shrike, 34; Starling, 497; White-e Vireo, 5; Solitary Vireo, 22(H); Orange-cr Warbler, 12; Yel-rp Warbler, 3217; Pine Warbler, 166; Palm Warbler, 41; Com Yellowthroat, 22; Cardinal, 197; Rufus-s Towhee, 148; Chipping Sp, 117; Field Sp, 120; Vesper Sp,2; Savannah Sp,79; Fox Sp,1; Song Sp,78; Swamp Sp,124; Whitethr Sp, 181; White-cr Sp,8(H); D-e Junco,2; Red-wg Blackbird,1248; E Meadowlark, 61; Com Grackle, 41(L); Brn-h Cowbird, 220; blackbird, 6000; Purple Finch, 1; House Finch, 91(H); Am Goldfinch, 76; House Sp, 18(L). Total species: 130; Total individuals: 29,658;

Count week: Rufous Hummingbird,1.

Compiler: Ann T. Forster, 447 Creary St., Pensacola, FL 32507.

PORT ST. JOE, 29 December, 15 Observers, 58 Party-hours:

Com Loon, 53; Pied-b Grebe, 16; Horned Grebe, 21; Gannet, 23; Brown Pelican,301; D-cr Cormorant,399; Am Bittern,2; Gt Blue Heron,60; Gt Egret,47; Snowy Egret, 14; Little Blue Heron, 14; Tricolored Heron, 13; Reddish Egret, 6; Bl-cr N-Heron, 14; Snow Goose, 2; Gadwall, 2; L Scaup, 142; scaup, 250; Surf Scoter,1; Com Goldeneye,14; Bufflehead,93; Hooded Merganser,17; Red-br Merganser, 387; Turkey Vulture, 58; Osprey, 2; Bald Eagle, 8; N Harrier, 5; Sharp-shin Hawk, 2; Cooper's Hawk, 1; Red-shlrd Hawk, 10; Red-tail Hawk, 14; Am Kes- trel, 18; Clapper Rail, 5; Sora Rail, 1; Am Coot, 12; Black-b Plover, 126: Snowy Ployer, 4: Semipalm Ployer, 75; Piping Ployer, 4; Killdeer, 96; Am Oystercatcher, 3; G Yellowlegs, 19; L Yellowlegs, 2; Willet, 518; Spotted Sandpiper, 4: Ruddy Turnstone, 138; Red Knot, 72; Sanderling, 65; W Sandpiper, 68; Least Sandpiper, 9; Dunlin, 989; S-b Dowitcher, 348; Com Snipe, 3; Am Woodcock,3; Laughing Gull,843; Bonaparte's Gull,293; Ring-b Gull,382 Herring Gull, 34; Caspian Tern, 13; Royal Tern, 200; Forster's Tern, 239; Black Skimmer,44; Rock Dove,32; Eur Col Dove,58; White-w Dove,3; Mourning Dove.79: Grn-Dove.17: Screech Owl.14: Gt Horned Owl.4: Barred Owl.4: Whippoor-will.1: B Kingfisher.20: Red-b Wdpkr.39: Y-b Sapsucker.3: Downy Wdpkr,9; Hairy Wdpkr,1; N Flicker,14; Pileated Wdpkr,7; E Phoebe,41; Blue Jay, 40; Am Crow, 18; Fish Crow, 430; Caro Chickadee, 13; Tufted Titmouse.1: Red-b Nuthatch.2: Brown-hd Nuthatch.31: Caro Wren,28: House Wren, 36; Sedge Wren, 7; Marsh Wren, 13; R-c Kinglet, 76; E Bluebird, 27; Hermit Thrush, 25; Am Robin, 3611; Catbird, 59; N Mockingbird, 138; Brown Thrasher, 19; Am Pipit, 1; Cedar Waxwing, 72; L Shrike, 2; Starling, 285; White-e Vireo, 1; Solitary Vireo, 7; Orange-cr Warbler, 1; Yel-rp Warbler, 1-265; Yel-thr Warbler, 3; Pine Warbler, 52; Prairie Warbler, 1; Palm Warbler-.20; Ovenbird.3(N); Com Yellowthroat, 48; Cardinal, 104; Rufus-s Towhee, 98; Chipping Sp,58; Field Sp,3; Vesper Sp,8; Savannah Sp,8; Sharp-t Sp,13; Seaside Sp.2; Song Sp.104; Swamp Sp.38; White-thr Sp.5; White-cr Sp.4; Red-wg Blackbird, 194; E Meadowlark, 75; Com Grackle, 11; Brn-h Cowbird, -38; House Finch, 1; Am Goldfinch, 49; House Sp. 11.

Total species: 129; Total individuals: 14,126.

Compiler: Richard L. West, 2808 Rabbit Hill road, Tallahassee, FL 32312.

LIST OF OBSERVERS with initials of count: Deidre Antonius, PB; Janet Aylward, CB; Julia Babb, P, PB; Pat Baker, CB; Peggy Baker, P; Evelyn Barbig, P; Howard Barbig, P; Pam Beasley, P; Cheryl Bedsole, Ma; Michele Belson, PSJ; Paul Blakeburn, CB, P; Bill Boyle, PSJ; Frank Bray, P; Gary Breit, PB; Martha Breit, PB; Bill Bremser, CB, P, PB; Greta Bremser, CB, P, PB; Bill Brec-

k,CB; David Brooks,CB; Dave Burris,Ma; Molly Burris,Ma; Sara Burris,Ma; Edmon Case, CB, P, PB; Sandra Castille, PB; Ron Christen, PSJ; Betsy Clark, -CB: Morris Clark, P.PB: Beverly Conrad, Ma; Bruce Conrad, Ma; Nadine Craft, P: Bert Dannheisser, P: Joyce Dannheisser, P: Kim Davis, P, PB: Dean Demarest, CB; Lucy Duncan, CB, PB; Robert Duncan, CB, P, PB; William Duncan, CB; Scot Duncan, CB, PB; Pat Ezell, PSJ; Jan Fabozzi, CB; Owen Fang, P, PB; Bill Fettis, CB; Gene Fleming, PB; Carolyn Flory, P; Ann Forster ,PB; Jere French,P,PB; Ann Fullilove,P; Kathy Gault,CB; Patrick Gault,CB; Peggy Gibbs, PB; Candice Gerber, Ma; Verdon Gibbs, PB; Bernice Gilly, PB; Lois Gilman, CB; Phyllis Grant, CB; Jeff Gray, Ma; Mary Gray, Ma; Mary Harbison, PB; Roy Harbison, PB; Randy Harrison, PB; Edwin Hebbs, Ma; Bob Henderson, PSJ; Carolyn Henning, P; Jim Henning, P; Mary Hollis, PSJ; Susan Holmes, P: Dave Horrigan, P: Marcia Horrigan, P: Ron Houser, Ma: Jennifer Jackson, PB; Kenneth Jackson, PB; Suzanne Jackson, PB; Jodie Jensen, CB; John Jensen, CB: Emily Johnson, PB: Eloise Jones, CB: Bettie Kahn, P: Charles Kahn, P; Jessie Knothe, CB; Alice Knowles, PSJ; Elizabeth Langston, PB; Larry LeClaiare Jr., Ma; Lawrence LeClaire III, Ma; Elaine Levine, CB; Thom Lewis, PSJ; Frank Logan, PB; Horace Loftin, Ma; Larry Mahler, PB; Larry McDonald, PB; Bob McKenney, CB; Bill Milmore, PB; Steve Milum; CB; Mary Mittiga, Ma; Don Moore, Ma; Carl Nordman, CB; Gertrude Oakman, CB; Jeff Palgutt, Ma; James Pfeiffer, P; Bob Reid, CB; Rufus Rose, PB; Merilu Sands, -P,PB; Carolyn Shaeffer,CB; Jim Sheehan,CB; Steve Shimmel,Ma; David Spisak, CB; Tomn Stadsklev, Ma; Mike Stangeland, P, PB; Barb Stedman, PSJ; S.J. Stedman; PSJ; Mildred Stennis, PSJ; Phil Tetlow, CB, P; Karen Thompson, PSJ; Roberta Thompson, CB; Joe Tomcho, CB; Fay Van Horn, Ma; Milt Van Horn, Ma; Audrey Vaughn, Ma; Dave Vaughn, Ma; Donald Ware, CB; P, PB; Donna Wells, PSJ; Joan West, PSJ; Rick West, PSJ; Fred Wicke, P; Bob Willis,Ma; Jan Willis,Ma; Chet Winegarner,Ma; Marsha Winegarner,Ma; Sonya Wood, PB; Jack Wright, CB; Larry Wright, CB; Dick Zani, PB.

Total: 131, Gerald Moske and Sue Moske, 702 Royce Circle, Huntsville AL, 35803.

GUIDELINES FOR SUBMITTING ARTICLES

Articles submitted should include some facet of bird ecology, natural history, behavior, management/conservation or other related topics.

Articles must conform to the guidelines listed below. All articles will be reviewed by the editor and two anonymous reviewers for clarity, brevity and composition. Editor reserves the right to reject or modify articles that do not correspond to the stated guidelines. *Alabama Birdlife* is published twice a year: deadlines for submitting articles are 1 June and 1 November. If you have access to an IBM compatible or Macintosh computer submit your manuscript on a 3 1/2 inch floppy disk along with the hard copy (Word or WordPerfect preferred).

Submit manuscripts typed and double spaced on 8 1/2 x 11 inch typing paper.

Black and white photos are preferred, but color prints and slides are acceptable. Convert slides to prints before submitting article.

The title should be in CAPS. If the name of a species is used in the title, it should be followed by the scientific name in parentheses, e.g. CONNECTICUT WARBLER (*OPORORNIS AGILIS*).

The author's name should be in lower case and centered under the title.

If the article is coauthored by a married couple bearing the same last name, the names should be kept separate, e.g. John B. Brown and Sarah D. Brown.

Whenever a species name is used for the first time in the body of an article, it should be followed by the scientific name in parentheses, e.g. Connecticut Warbler (*Oporomis agilis*). To save space, scientific names are not necessary in extensive lists such as Christmas Bird Counts and Seasonal Summaries.

When using dates, the day should be placed before the month, e.g. 13 April 1992.

Distances should be expressed in English units followed by the metric equivalent in parentheses, e.g. 6.2 miles (10 km). Use the metric system only for scientific measurements, e.g. wing 10.3 cm; tail 15.6 cm.

The title of tables should be in CAPS and placed above the table.

The description of figures should be in lower case and placed beneath the figure.

Refer to the Literature Cited in this issue for the correct way to state references.

Three or less references should be incorporated into the text of the article rather than listed separately at the end, e.g. Imhof (1976, *Alabama Birds*) or Dusi (1994, *Alabama Birdlife* 41 (1)).

The author's name and full address should be line typed at the end of the article. The name used should match the name given under the title.



Journal of the Alabama Ornithological Society

Vol. 42 No. 2 1996

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