

FIELD NOTES

COMPILED BY JAMES K. MERITT

1970

January was an excessively cold month, and temperatures in February and March were also below normal. Snowfall, however was light. The early part of the year was highlighted by the presence of Evening Grosbeaks, Pine Siskins, and Redpolls in good numbers. Red Crossbills were quite commonly reported, and a few White-winged Crossbills and Pine Grosbeaks were seen.

April was a rather dismal and damp month. The May peak of the spring migration brought some of the best flights in recent years, and noticeable northward movements were still evident late in the month and in early June. Northern finches remained in our area relatively late.

The summer season provided no weather surprises, except for a scarcity of precipitation late in the period. The consequent emergence of mud flats undoubtedly contributed to the large numbers of shorebirds seen.

The fall migration was not comparable to its spring counterpart. Above-average temperatures and substantial rainfall caused a late and generally dull migration. At the end of the year winter finches were scarce.

Among the more interesting observations in 1970 were the following:

WESTERN GREBE. Barnegat Light, N.J., February 22 (1) (V. Abraitys and others).

GREATER SHEARWATER. Lewes-Cape May ferry, October 2 (7) (R. Teele).

WHITE PELICAN. Shark River Inlet, N.J., February 22-24 (1) (first seen by local fishermen).

LEAST BITTERN. Brigantine Refuge, N.J., January 3 (1) (E. Choate).

WHITE IBIS. Gradyville, Pa., July 7 (1) (J. Grantham) (see *Cassinia*, No. 52, 1970, p. 41); Brigantine Refuge, N.J., August 5 (1) (H. Drinkwater); Bombay Hook Refuge and vicinity, Del., throughout August (1), October 23-25 (at least 2) (N. Holgersen and others).

WHITE-FRONTED GOOSE. Bombay Hook Refuge, Del., April 10 (1) (N. Holgersen).

SNOW GOOSE. Bivalve, N.J., July 29 (2) (D. Kunkle); Bombay Hook Refuge, Del., July 29 (1), August 14 (1) (N. Holgersen).

COMMON TEAL. Tinicum Wildlife Preserve, Pa., March 8 (1) (J. Carroll) March 25 (1) (C. U. Atkinson), November 8 (1) (J. Carroll, S. Orr); Churchville Reservoir, Pa., March 31 (1) (K. Seager); Tuckahoe, N.J., April 12 (1) (J. Akers); Brigantine Refuge, N.J., March 9 (1) (J. Akers), March 16 (1) (J. Akers), April 4 (2) (C. U. Atkinson), April 12 (1) (J. Akers).

EUROPEAN WIDGEON. Brigantine Refuge, N.J., January 5 (1) (J. R. Billings), October 14-27 (1) (many observers); Scudders Falls, Pa., January 10 (1) (E. Bloor); Shark River Inlet, N.J., January 25 (1) (DVOC field trip); Penn Manor, Pa., March 22 (2) (R. Sehl); Cumberland County, N.J., February 21 (1) (J. Jacobs); Manasquan Inlet, N.J., November 18 (1) (W. Parker).

COMMON SHELDUCK. Bombay Hook Refuge, Del., July 16-17 (3, origin unknown) (N. Holgersen).

BARROW'S GOLDENEYE. Shark River Inlet, N.J., January 3 (1) (many observers), February 1 (3) (H. Todd); Brigantine Refuge, N.J., November 28 (1) (D. Twining).

HARLEQUIN DUCK. Shark River Inlet, N.J., January 25 (3) (H. Armistead); Spring Lake, N.J., February 17 (2) (R. Garner); Barnegat Light, N.J., February 21-28 (4) (many observers); Cape Henlopen, Del., May 10 (2) (H. Armistead, D. Cutler).

COMMON EIDER. Holgate, N.J., January 17 (3) (J. Evans), May 29 (2) (M. Broun); Wildwood, N.J., January 1 (2) (T. Thormin); Cape May Point, N.J., October 4 (2) (DVOC field trip); Brigantine Island, N.J., July 1 — August 9 (1) (J. Akers); Longport, N.J., December 27 (4) (J. Akers, J. Danzenbaker).

KING EIDER. Barnegat Inlet, N.J., March 8 (12) (F. Gill, S. Harty) (see *Cassinia*, No. 52, 1970, p. 38), October 3 (1) (DVOC field trip), November 1 (1) (H. Todd); Indian River Inlet, Del., Feb. 8 (9) (R. Thomen); Maurice River, Delaware Bay, N.J., December

2 (1) (D. Kunkle); Brigantine Island, N.J., December 1 (J. Akers); Longport, N.J., December 27 (9) (J. Akers, J. Danzenbaker).

BLACK VULTURE. Hawk Mountain, Pa., January 22 (1) (fide A. Nagy); Elverson, Pa., May 5 (3) (R. Cook); Doylestown, Pa., May 25 (1) (F. Mears); Morgantown, Pa., September 12 (1) (M. Barnhill); Cape May Point, N.J., September 12 (2) (A. Nicholson).

PIGEON HAWK. Barnegat Light, N.J., February 14 (1) (W. Meyer).

SPARROW HAWK. Cape May Point, N.J., October 15 (24,875) (E. Choate and others) (see *New Jersey Nature News*, March, 1971, p. 42, for details of this unprecedented flight and methods employed in estimating numbers).

SANDHILL CRANE. Bombay Hook Refuge, Del., March 2 — early April (1) (many observers) (see also 1969 records, last issue); Brigantine Refuge, N.J., April 5 (1) (J. Meritt); Hawk Mountain, Pa., October 17 (1) (F. Wetzel and others).

YELLOW RAIL. Cape May Point, N.J., October 17 (1 seen; another picked up dead) (E. Kramer) (see General Notes section, this issue).

BLACK RAIL. Tinicum Wildlife Preserve, Pa., April 14 (1) (P. DeAoun)

PURPLE GALLINULE. Tuckahoe, N.J., May 30 (1) (J. Akers).

COMMON GALLINULE. Philadelphia, Pa., September 15 (injured bird picked up at 12th and Pine Streets and taken to Philadelphia Zoo) (F. Ulmer, Jr.).

WILSON'S PLOVER. Stone Harbor, N.J., May 19 (3) (R. Ridgely).

GOLDEN PLOVER. Pomona, N.J., April 11 (4), April 21-22 (2), May 11 (2), September 14 (22) (J. Akers); Green Lane Reservoir, Pa., September 5-October 11 (max. 10) (R. S. Brodey); Island Beach State Park, N.J., September 11 (1) (J. Miller); Stone Harbor, N.J., September 21 (1) (R. Haines, E. Manners); Cape May, N.J., May 15 (1) (J. McNeill); Smyrna, Del., May 10 (2) (J. Linehan), October 5 (180) (N. Holgersen); Tinicum Wildlife Preserve, Pa., September 26 (8) (J. Miller), October 24 (10) (J. Carroll); Brigantine Island, N.J., May 11 (4) (J. Akers); Dutch Neck, N.J., September 19 (50) (E. Bloor), September 26 (63) (R. Smith); Brigantine Refuge, N.J., April 22 (2) (J. Akers); Bombay Hook Refuge, Del., April 26 (2) (K. Richards), August 18 (1) (N. Holgersen), September 1 (3) (H. Goldstein), September 3 (21) (N. Holgersen), September 13 (40) (G. Stern).

BAIRD'S SANDPIPER. Bombay Hook Refuge, Del., August 22 (1) (H. G. Alexander, M. Linshaw), September 3 (5) (N. Holgersen), September 12 (2) (E. Bloor), October 16 (2) (N. Holgersen); Dutch Neck, N.J., September 28 (2) (R. Smith); Island Beach State Park, N.J., October 1 (1) (J. Miller).

CURLEW SANDPIPER. Tuckerton, N.J., May 3-17 (1) (many observers); Bombay Hook Refuge, Del., August 17 (1) (N. Holgersen); Holgate, N.J., November 7 (1) (K. Richards).

BUFF-BREASTED SANDPIPER. Cape May Point, N.J., September 5 (2) (J. Northwood); Pomona, N.J., September 14 (1) (J. Akers); Dutch Neck, N.J., September 12 (3) (P. Sigler), September 19 (8) (E. Bloor), September 28 (3) (R. Smith); Brigantine Refuge, N.J., August 19-20 (1) (A. Kemnitzer, A. Rogers), September 10-11 (many observers); Bombay Hook Refuge, Del., September 1 (1) (H. Goldstein), September 12 (1) (E. Bloor), September 13 (3) (N. Holgersen); Broadkill Beach, Del., September 14 (3) (N. Holgersen); Smyrna, Del., September 26 (7) (N. Holgersen).

MARBLED GODWIT. Cape May, N.J., July 30 (2) (F. McLaughlin); Holgate, N.J., August 22 (2) (R. Smith); Brigantine Refuge, N.J., August 28 (1) (H. G. Alexander, S. Heck-scher), September 2 (1) (H. G. Alexander, John Cadbury), September 6 (1) (J. Billings), September 13 (4) (fide W. Parker), October 12 (5) (H. Armistead), October 20 (6) (J. Akers).

HUDSONIAN GODWIT. Brigantine Refuge, N.J., June 26 (1) (N. Hoy, J. Miller), September 2 (1) (H. G. Alexander, John Cadbury), September 27 (1) (J. Meritt); Bombay Hook Refuge, Del., August 19 (2) (J. Linehan), October 27 (1) (N. Holgersen); Cape May Point, N.J., November 11 (1) (J. Akers).

RUFF. Salem, N.J., March 27-29 (1) (H. Brokaw, H. Goldstein); Little Creek, Del., June 13-27 (max. 2) (N. Holgersen); Tinicum Wildlife Preserve, Pa., July 26 (2) (C. U. Atkinson, J. Miller, H. Todd), August 13 (1) (K. Richards).

AVOCET. Brigantine Refuge, N.J., May 24-30 (max. 4) (fide D. Coggeshall), September 13 (2) (fide W. Parker), October 12 (2) (H. Armistead), October 14 (3) (H. Goldstein), October 27 (2) (J. Miller, C. Price), November 22 (1) (W. Wayne); Little Creek, Del., May 24 (8) (D. Cutler), June 6 (18) (E. Bloor, J. Meritt), June 11 (28) (N. Holgersen),

June 29 (51) (N. Holgersen); Bombay Hook Refuge, Del., April 5 (4) (W. Faust), July 26 (60) (R. Frock, K. Seager), August 9 (69) (N. Holgersen), August 16 (72) (H. Todd), August 17 (84) (N. Holgersen), August 22 (104) (D. Kunkle), August 31 (119) (N. Holgersen), September 6 (137) (J. Walker), October 24 (174-peak) (N. Holgersen), November 7 (150) (H. Todd), November 22 (49) (J. Billings), November 24 (45) (N. Holgersen), November 25 (6) (N. Holgersen).
BLACK-NECKED STILT. Port Mahon, Del., May 23 (21) (N. Holgersen); Little Creek and Bombay Hook, Del., August 8 (25), August 22 (21), September 6 (5), September 19 (1) (N. Holgersen).
WILSON'S PHALAROPE. Little Creek, Del., May 13 (2), June 11-13 (max. 2), September 4 (6-8), September 22 (5) (N. Holgersen); Thorofare, N.J., August 29-31 (2) (C. Stasz).
NORTHERN PHALAROPE. Little Creek, Del., May 10-23 (1) (D. Cutler, N. Holgersen), September 12 (3) (E. Bloor); Lewes, Del., October 17 (1) (W. Wayne); Tinicum Wildlife Preserve, Pa., October 18 (1) (C. U. Atkinson).
POMARINE JAEGER. Lewes-Cape May ferry, October 12 (1) (H. Armistead).
SKUA. Lewes, Del., September 19 (1) (H. Brokaw, F. Moody, S. Speck, W. Wayne).
GLAUCOUS GULL. Holgate, N.J., January 17 (1) (J. Evans), January 23 (1) (E. Bloor), March 15 (1) (K. Richards); Brigantine Island, N.J., March 14 (1) (J. Akers, J. Billings); Tinicum Wildlife Preserve, Pa., March 6 (1) (J. Miller), March 25 (1) (C. U. Atkinson), April 2 (1) (J. Miller), November 18 (2) (J. Carroll, S. Orr), December 5 (1) (J. Miller).
ICELAND GULL. Brigantine Island, N.J., January 1 (1) (H. Goldstein, J. Meritt), March 4 (1) (J. Evans), March 14 (2) (J. Billings); Cape May Point, N.J., January 1 — March 29 (1) (E. Choate); Philadelphia, Pa., March 1 (2) (D. Cutler); Bivalve, N.J., March 2 (1) (D. Kunkle); Sea Girt, N.J., February 19 (1) (J. Miller); South Amboy, N.J., March 7 (1) (E. Bloor); Holgate, N.J., May 16 (1) (K. Richards); Tinicum Wildlife Preserve, Pa., December 5-26 (1) (J. Miller).
LESSER BLACK-BACKED GULL. Bombay Hook Refuge, Del., August 22-30 (1) (R. Carlson, N. Holgersen).
BLACK-HEADED GULL. South Amboy, N.J., February 12 (3), May 30 (1) (E. Bloor).
LITTLE GULL. South Amboy, N.J., February 1 (1), February 12 (3), May 30 (5) (E. Bloor); Little Creek, Del., August 24 (1) (D. Kunkle).
ARCTIC TERN. South Amboy, N.J., May 30 (1) (R. Ridgely) (see General Notes section, this issue).
SANDWICH TERN. Cape Henlopen, Del., June 26 (1) (N. Holgersen) (see *Cassinia*, No. 52, 1970, p. 33).
RAZORBILL. Shark River Inlet, N.J., November 18 (1) (W. Parker).
DOVEKIE. Neshanic, Somerset Co., N.J., November 12 (1 picked up alive in roadside ditch) (*vide* V. Abraity); Bethlehem, Pa., November 12 (1 found dead on road; skin now in Hawk Mt. collection) (E. Martin); Shark River Inlet, N.J., November 15 (3) (R. Blicharz); Spring Lake, N.J., November 15 (1) (R. Blicharz), November 18 (1) (W. Parker); Holgate, N.J., December 5 (1 found dead) (B. Hiatt).
BARN OWL. Bombay Hook Refuge, Del., November 22 (13) (J. Billings).
SNOWY OWL. Holgate, N.J., December 10 (1) (R. Scheibner).
WESTERN KINGBIRD. Stone Harbor, N.J., October 17 (1) (C. Jones); Cape May Point, N.J., November 11 (1) (J. Akers).
SCISSOR-TAILED FLYCATCHER. East Millstone, N.J., May 16 (1) (C. Grosscup and others).
BOREAL CHICKADEE. Swarthmore, Pa., January 21 (1 coming to feeder) (*vide* R. Bye); Lawrenceville, N.J., February 26 (1) (W. Klockner); Hopewell, N.J., March 8 (2) (R. Blicharz).
HOUSE WREN. Tinicum Wildlife Preserve, Pa., December 7 (1), December 27 (1) (J. Miller); West Chester, Pa., December 28 (1) (J. Miller).
BEWICK'S WREN. Cape May Point, N.J., late June — early July (1) (P. Livingston and others).
VARIED THRUSH. Newtown, Pa., December 31, 1969 — February 5, 1970 (1 seen by many observers) (see *Cassinia*, No. 52, 1970, p. 36).
WOOD THRUSH. Moylan, Pa., November 26-late December (1 at feeder) (E. Rigby and others).
WHEATEAR. Brigantine Refuge, N.J., September 19, October 12 (1) (numerous observers) (see *Cassinia*, No. 52, 1970, p. 33).
NORTHERN SHRIKE. Doylestown, Pa., March 3 (1 banded and photographed) (R. Hendrick); Pipersville, Pa., November 28 (1) (R. Hendrick).

ORANGE-CROWNED WARBLER. Island Beach State Park, N.J., October 29 (1) (J. Miller); Trenton, N.J., October 11 (1) (R. Blicharz); Princeton, N.J., (2 wintering into 1971) (E. Bloor and others)

BLACK-THROATED GREEN WARBLER. Princeton, N.J., December 5 (1) (R. Blicharz).

YELLOW-HEADED BLACKBIRD. Brigantine Refuge, N.J., May 8-9 (2) (W. Lipski); Cape May, N.J., September 20 (1) (H. Brokaw, W. Wayne).

BREWER'S BLACKBIRD. Lewes, Del., December 6 (7), December 20 (12) (C. Carlson); Bombay Hook Refuge, Del., December 27 (8) (Christmas Count).

SUMMER TANGER. Princeton, N.J., April 27 (1) (R. Ridgely); Longwood Gardens, Pa., April 26 (1) (K. Richards); Green Lane Reservoir, Pa., May 3 (1) (R. S. Brodey); Quaker Bridge, N.J., June 6 (1) (Gloucester County Nature Club); Northfield, N.J., August 25 (1) (J. McNeill); Cape May Point, N.J., September 12 (1) (J. Meritt).

LARK BUNTING. Broadkill Beach, Del., September 14 (1) (N. Holgersen).

OREGON JUNCO. Philadelphia, Pa., January 30 (1) (E. Kramer).

CLAY-COLORED SPARROW. Island Beach State Park, N.J., September 18 (1 banded) (W. Pepper).

WHITE-THROATED SPARROW. Prime Hook Refuge, Del., July 14 (1 singing) (N. Holgersen).

LINCOLN'S SPARROW. Trenton, N.J., late December (1) (R. Blicharz, W. Klockner).

1971

The winter season was generally dull and unexciting. Northern finches were at a minimum, and the cold weather which prevailed in January cleared out the last of the late lingerers. Eiders provided one bright spot, as relatively good numbers were present along the shore.

Following a cold March, there were some abnormally warm days in early April. The remainder of April, however, was cool, windy, and dry, and there were a number of serious brush fires in the area. The cool weather continued into May, and with the excessive rainfall that month (particularly on weekends, it seemed) conditions for observation were something less than ideal. The migration was late, and there were few good flights.

Weather conditions were normal during the summer, and there was considerable ornithological activity. Brigantine Refuge was the hub of activity in a fine shorebird season. The Bar-tailed and Black-tailed Godwits both appeared there, and there were a number of lesser rarities. Following the ample rainfall deposited by the remnants of tropical storm Doria in late August, a number of interesting shorebird reports were received from inland areas.

The fall season was generally mild, the latter part of it excessively so. At the same time there were a sufficient number of days with favorable winds to provide some good hawk counts along the Pennsylvania ridges. In early December it seemed as though spring had returned, and an extraordinary number of late lingerers were reported. Late in December the expected heavy incursion of Evening Grosbeaks took place, and with them were a few of the other northern finches.

The following are among the records of interest for the year:

MANX SHEARWATER. 250-300 miles east of New Jersey coast, September 9 (1) (O. K. Stephenson).

ANHINGA. Cape May Point, N.J., September 25 (1 soaring with hawk kettle, first State record. Report well documented) (K. Berlin, B. Baumann, T. Hoerger, S. Mutart).

GLOSSY IBIS. Bombay Hook Refuge, Del., July 15 (350, new Refuge high) (N. Holgersen); Little Creek, Del., July 31 (400) (N. Holgersen).

WHISTLING SWAN. Brigantine Refuge, N.J., June 26 (1) (J. Akers) (subsequently seen by other observers through mid-August).

WHITE-FRONTED GOOSE. Rehoboth, Del., January 2 (1) (S. Dyke); Prime Hook Refuge, Del., April 5 (1) (N. Holgersen); Bombay Hook Refuge, Del., mid-December (3) (N. Holgersen).

LESSER WHITE-FRONTED GOOSE. Brigantine Refuge, N.J. and vicinity, August 19 — September 7 (1 — origin?) (J. Danzenbaker and many others).

COMMON TEAL. Pomona, N.J., February 1 — April 22 (1) (J. Akers); Tinicum Wildlife Preserve, Pa., March 13 (2) (J. Carroll), November 24 (2) (J. Carroll), December 3 (1) (J. Miller); Salem, N.J., April 29 (1) (R. Blicharz); Brigantine Refuge, N.J., November 26 (1) (R. Frohling), December 17 (2) (J. Akers).

EUROPEAN WIDGEON. Penn Manor, Pa., January 10-17 (1) (A. Kronschnabel, W. Reynolds, R. Sehl), March 14 (1) (W. Reynolds, R. Sehl), December 5-12 (1) (A. Kronschnabel, J. LaVia, R. Logan, W. Reynolds, R. Sehl); Brigantine Refuge, N.J., October 2 (1) (J. Danzenbaker), October 30 (2) (J. Akers).

BARROW'S GOLDENEYE. Shark River Inlet, N.J., January 24 (5 — adult male, subadult male, three females in compact group observed at fifteen feet as they swam out under dock) (J. LaVia, J. Meritt).

HARLEQUIN DUCK. Bristol, Pa., January 11 and several days thereafter (1) (K. Seager and others) (see General Notes section, this issue).

COMMON EIDER. Stone Harbor, N.J., January 3 (1) (J. Miller, S. Orr); Cape May, N.J., January 3 (4) (D. Cutler), May 16 (2) (J. Sawyer); Tuckerton, N.J., April 4 (1) (R. Hughes, R. Smith), May 22 (1) (R. Hughes, R. Smith), August 6 (1) (A. and C. Conway, C. Greenwalt); Brigantine Island, N.J., April 4 (2) (S. Lawrence); Longport, N.J., see General Notes section.

KING EIDER. Longport, N.J., early 1971, see General Notes section, this issue, October 9 (1), October 24 (5) (J. Danzenbaker); Barnegat Light, N.J., October 2 (5) (DVOC field trip), November 23 (22) (J. Billings), November 26 (25) (K. Richards); Brigantine Island, N.J., December 12 (14) (F. Gill, S. Harty).

BLACK VULTURE. Ridley State Park, Pa., April 3 (3) (J. Piatt).

SWAINSON'S HAWK. Bake Oven Knob, Pa., September 20 (1) (M. Broun, E. Graham, and others) (see General Notes section, this issue).

GYRFALCON. Brigantine Refuge, N.J., December 18 through remainder of month and into 1972 (1 seen by many observers) (see General Notes section, this issue).

YELLOW RAIL. Brigantine Refuge, N.J., August 6 (1) (G. Perrigo and others) (see General Notes section, this issue); Bombay Hook Refuge, Del., September 24 (1 found in mowed field, captured, banded, and released) (N. Holgersen).

BLACK RAIL. Cape May, N.J., January 3 (1) (H. Cutler); Broadkill Beach, Del., May 14 (4-6 heard) (D. Cutler, H. Armistead); Brigantine Refuge, N.J., July 11 (adult and three young observed for twenty minutes) (D. Kunkle, R. McKenzie).

PURPLE GALLINULE. Brigantine Refuge, N.J., July 19 and for about a week thereafter (1) (R. Blicharz and others).

GOLDEN PLOVER. Tuckerton, N.J., May 19 (1) (R. Hughes); Smyrna, Del., April 12 (9) (N. Holgersen), May 10 (1) (N. Holgersen); Little Creek, Del., June 12 (1) (N. Holgersen); Brigantine Refuge, N.J., May 22 (2) (P. DuMont), June 22 (1) (D. Finch), August 7 (2) (D. Kunkle), August 14 (1) (J. Yrizarry), October 4 (1) (J. Akers); Pomona, N.J., August 30 (2) (J. Danzenbaker), September 26 (4) (J. Akers), October 26 (4) (J. Danzenbaker); Bombay Hook Refuge, Del., September 30 (15) (J. Billings), New Sharon, N.J., September 6 (60) (R. Blicharz), Island Beach Park, N.J., September 10 (8), September 16 (10) (J. Miller); Tinicum Wildlife Preserve, Pa., October 8 (20), October 17 (35) (J. Miller).

UPLAND PLOVER. Cranbury, N.J., August 8 (20) (R. Blicharz); Columbus, N.J., August 21 (44) (E. Reimann).

WILLET. Longport, N.J., February 19 (1) (J. Akers).

BAIRD'S SANDPIPER. Brigantine Refuge, N.J., April 27 (3) (J. Akers), May 9 (3) (A. Brady, R. Sehl), May 22 (1) (C. Carlson), June 6 (1) (P. DuMont), September 26 (1) (A. and C. Conway); Bombay Hook Refuge, Del., August 23 (1) (A. and C. Conway); New Sharon, N.J., August 29 (1) (R. Blicharz and others).

LONG-BILLED DOWITCHER. Brigantine Refuge, N.J., February 27 (1) (J. Akers).

BUFF-BREASTED SANDPIPER. Brigantine Refuge, N.J., July 17 (1) (R. Rowlett); Cape May, N.J., August 28 (2) (D. Cutler); Prime Hook Refuge, Del., September 4 (2) (N. Holgersen); New Sharon, N.J., September 12 (17, a possible record number for New Jersey) (R. Blicharz).

CURLEW SANDPIPER. Brigantine Refuge, N.J., May 15-18 (1) (J. Akers), May 22 (2) (P. DuMont, R. Hughes, R. Smith), May 28-30 (1) (J. Akers), June 12 (1) (J. Danzenbaker), July 25 (1) (H. Goldstein and others); Tuckerton, N.J., May 16-17 (2) (many

observers); Little Creek, Del., August 28 (1) (N. Holgersen).

MARbled GODWIT. Brigantine Refuge, N.J., May 22 (1) (P. DuMont), August 14 (4) (J. Yrizarry), September 4 (10) (T. Southerland), October 2-3 (7) (J. Akers, J. Danzenbaker); Holgate, N.J., August 31 — September 1 (1) (J. LaVia), November 6 (2) (B. Hiatt); Little Creek, Del., August 28 (1) (N. Holgersen); Smyrna, Del., September 2-5 (5) (N. Holgersen).

HUDSONIAN GODWIT. Brigantine Refuge, early June (1) (J. Akers, J. Danzenbaker), August 14 (8) (J. Yrizarry), September 4 (1) (T. Southerland); October 2-3 (2) (J. Akers, J. Danzenbaker); Tuckerton, N.J., July 20 (1) (H. Drinkwater), July 22-23 (1) (B. Hiatt); Bombay Hook Refuge, Del., October 3 (8) (A. and C. Conway); Cape Henlopen, Del., October 24 (1) (N. Holgersen); Prime Hook Refuge, Del., October 26 (9) (N. Holgersen); Smyrna, Del., November 4 (1) (N. Holgersen).

BLACK-TAILED GODWIT. Brigantine Refuge, N.J., May 22 (1) (J. Yrizarry, E. Bloor, and others) (This is a first State record and one of the few records for North America. The bird remained in or near the Refuge for several months, being last reported on September 13. See General Notes section, this issue).

BAR-TAILED GODWIT. Brigantine Refuge, N.J., June 26 (1) (J. Danzenbaker) (This is the third State record. The bird remained in or near the dike area at least until August 28. In August it was more frequently seen at a mud flat east of the east dike, an area most easily accessible by boat).

RUFF. Salem, N.J., April 27 — May 8 (1) (B. Waddington, R. Blicharz, S. Wylie, and others); Little Creek, Del., June 26 — July 10 (1), July 11 (2) (N. Holgersen); Bombay Hook Refuge, Del., April 18-19 (1) (N. Holgersen), April 24 (2) (C. Atkinson); July 8 — August 5 (1) (N. Holgersen), August 19-20 (1) (N. Holgersen), August 23 (1) (A. and C. Conway); Brigantine Refuge, N.J., June 26 (1) (J. Yrizarry), July 3 (1) (H. Drinkwater), July 13 (1) (H. Drinkwater); July 17 (1) (A. and C. Conway), July 20 (1) (H. Drinkwater), August 6-11 (2) (T. Parker, R. Rowlett), August 23 (1) (A. and C. Conway); Whitesbog, N.J., August 21 (1) (John Cadbury).

AVOCET. Bombay Hook Refuge, Del., February 22 (1) (*vide* N. Holgersen), March 12 (3) (F. Hubbard), June 11 (2), June 14 (1), July 6 (1) (N. Holgersen), July 14 (3) (A. and C. Conway), July 17 (35), July 29 (45), August 2 (71), August 25 (96) (N. Holgersen), September 30 (146) (J. Billings), October 10 (149 — peak), November 19 (60) (N. Holgersen); Port Mahon, Del., May 14 (2) (D. Cutler, H. Cutler, W. Russell); Little Creek, Del., April 15 (7) (N. Holgersen), August 28 (75) (N. Holgersen); Brigantine Refuge, N.J., June 22 — August 15 (1) (J. Danzenbaker), September 4 (15) (T. Southerland), September 14 (13) (J. Akers), October 9 (17) (J. Danzenbaker), October 10 (16) (A. and C. Conway), November 11 (3) (J. McNeill), November 13 (1) (J. Danzenbaker).

BLACK-NECKED STILT. Little Creek, Del., May 13 (18), July 17 (38), August 21 (37), September 6 (4) (N. Holgersen).

RED PHALAROPE. Penn Manor, Pa., June 5-7 (1) (R. Sehl and others) (See General Notes Section, this issue).

WILSON'S PHALAROPE. Cape May Point, N.J., May 30 (1) (A. Brady, R. Grant); Brigantine Refuge, N.J., May 18 (2) (J. Akers), June 22-23 (1) (D. Finch), June 24 (1) (H. Drinkwater), August 11 (2) (many observers), August 22 (1) (J. Danzenbaker); Prime Hook Refuge, Del., July 22 (2) (N. Holgersen); Little Creek, Del., August 7 (4), August 21 (21, record Delaware count) (N. Holgersen).

NORTHERN PHALAROPE. Brigantine Refuge, N.J., August 8 (1) (D. Finch); Little Creek, Del., May 15 (3), August 28 (3) (N. Holgersen); Dutch Neck, N.J., August 28 (1) (M. Doscher); Cape Henlopen, Del., September 11 (2), October 3 (1) (A. and C. Conway); Stone Harbor, N.J., September 25 (1) (C. Wonderly).

POMARINE JAEGER. Island Beach State Park, N.J., September 27 (2), September 28 (1) (J. Miller); Avalon, N.J., October 23 (1) (D. Kunkle).

PARASITIC JAEGER. Island Beach State Park, N.J., September 27 (40) (J. Miller).

LONG-TAILED JAEGER. Island Beach State Park, N.J., September 27 (1) (J. Miller).

GLAUCOUS GULL. Penn Manor, Pa., January 10 (1) (A. Kronschnabel, W. Reynolds, R. Sehl), February 21-28 (1) (W. Reynolds, R. Sehl); Bivalve, N.J., April 13-15 (1) (D. Kunkle); Brigantine Island, N.J., April 9 (1) (J. Akers); Cape May Point, N.J., November 27 (1) (R. Grant); Tinicum Wildlife Preserve, Pa., November 28 (1) (J. Carroll), December 3 (1) (J. Miller).

ICELAND GULL. Penn Manor, Pa., February 28 (1) (W. Reynolds, R. Sehl); Trenton,

N.J., January 7 (1) (R. Blicharz); Cape May Point, N.J., March 3 (1) (R. Grant, J. Northwood); Cape May, N.J., April 9 (1) (F. McLaughlin); Cape May-Lewis ferry, April 12 (1) (R. Deed); Absecon Bay, N.J., June 4 (1) (J. Miller).

BLACK-HEADED GULL. Villas, N.J., November 18 (1) (K. Seager); Brigantine Refuge, N.J., late December (1) (E. Choate).

LAUGHING GULL. Cape May, N.J., January 3 (1) (J. Miller, S. Orr), December 19 (6) (Christmas Count).

LITTLE GULL. South Amboy, N.J., March 20 (1), May 31 (16, a possible record number for North America) (E. Bloor).

ROSEATE TERN. Little Egg Inlet, N.J., July 16 (2 adults and nest with two eggs) (A. and C. Conway).

RAZORBILL. Island Beach State Park, N.J., April 8 (1) (C. Jones).

DOVEKIE. Shark River Inlet, N.J., November 21 (2) (E. Bloor).

SNOWY OWL. Bethlehem, Pa., November 8 (1) (*vide* M. Collie); Allentown, Pa., November 10-13 (1) (M. Collie); Phila. Airport, Pa., December 18 (1) (Christmas Count) (This bird remained in the area into January and was observed by many people).

CHUCH-WILL'S-WIDOW. Island Beach State Park, N.J., May 5 (1 calling) (*vide* J. Miller).

WESTERN KINGBIRD. Cape Henlopen, Del., October 24 (8 in view at one time, a record sighting for the Delaware Valley) (A. and C. Conway); Cape May, N.J., October 24 (1) (K. Seager), October 28 (1) (F. McLaughlin), December 5 (1) (J. Danzenbaker), December 13 (1) (F. McLaughlin), December 19 (2) (Christmas Count); Longport, N.J., October 24 (2) (J. Danzenbaker); Stone Harbor, N.J., October 27 (1) (H. Mills, C. Worth); Brigantine Refuge, N.J., December 18 (1) (E. Rowley).

HOUSE WREN. Wycombe, Pa., February 22 (1 singing) (A. Brady).

RAVEN. Bake Oven Knob, Pa., September 22 (1) (A. Bergey).

SWAINSON'S THRUSH. Smithville, N.J., December 18 (1) (E. Rowley).

BLACK AND WHITE WARBLER. Princeton, N.J., December 12 (1) (R. Blicharz); Delaware County, Pa., December 18 (1) (Christmas Count).

SWAINSON'S WARBLER. Island Beach State Park, N.J., May 5 (1 banded, second State record) (*vide* J. Miller).

ORANGE-CROWNED WARBLER. Island Beach State Park, N.J., May 7 (1) (J. Miller); Stone Harbor, N.J., December 5 (1) (J. Danzenbaker).

MAGNOLIA WARBLER. Marlton, N.J., July 27 (1) (E. Rowley).

CAPE MAY WARBLER. New Hope, Pa., December 18 (1) (D. Johnson); Princeton, N.J., December 26 (1) (R. Blicharz).

TOWNSEND'S WARBLER. Princeton, N.J., December 23 into January, 1972 (1 at feeder of Thomas Poole, first State record. Bird observed by scores of observers).

AMERICAN REDSTART. Princeton, N.J., December 16 (1) (M. Doscher).

WESTERN Tanager. Smithville, N.J., January 2 (1) (A. L. Davis, E. and J. Woodford, and others) (See General Notes section, this issue).

SUMMER Tanager. Newport, N.J., May 9 (1) (D. Kunkle); Carpenter's Woods, Philadelphia, Pa., May 15 (1) (S. Lawrence); Cape May County, N.J., June 19 (1) (H. Drinkwater).

BLACK-HEADED GROSBEAK. Woodbury, N.J., December 26 (1 at feeder) (*vide* W. Middleton).

PINE GROSBEAK. Princeton, N.J., December 26 (30) (R. Blicharz).

RED CROSSBILL. Redden State Park, Del., May 9 (2) (E. Reimann).

LARK BUNTING. Bombay Hook Refuge, Del., May 13 (1) (K. Leibr).

GRASSHOPPER SPARROW. New Hope, Pa., January 9 (1) (D. Johnson).

LARK SPARROW. Island Beach State Park, N.J., September 16 (1) (J. Miller), October 2 (2) (Trenton Naturalist Club).

OREGON JUNCO. Princeton, N.J., January 3 (2 at feeders) (Christmas Count).

CLAY-COLORED SPARROW. Ledgedale, Wayne County, Pa., May 25 (1) (F. Gill) (See General Notes section, this issue).

HARRIS' SPARROW. Port Mahon, Del., July 31 (1, first State record) (A. Conway and others) (See General Notes section, this issue).