

INDEX TO VOLUME VI.

- ACANTHIS** hornemannii, 294, 329.
linaria, 24, 294, 314.
sp.—?, 211, 293, 297.
- Accipiter** atricapillus, 313.
cooperi, 117, 221, 237, 247,
313.
velox, 117, 247, 313.
- Actitis** macularia, 31, 32, 43, 53, 76,
78, 99, 117, 120, 128, 147,
158, 195, 237, 313.
- Æchmophorus** occidentalis, 122.
- Ægialitis** hiaticula, 217.
meloda, 147, 159.
meloda circumcincta, 70.
semipalmata, 32, 147, 159.
vocifera, 69, 159, 195, 198, 220,
222, 237, 255, 274, 313.
wilsonia, 159, 195, 196, 331.
- Æstrelata** hasitata, 132.
- Agelaius** gubernator, 220, 341.
phœniceus, 24, 44, 77, 78,
141, 201, 314, 320, 341.
phœnicus bryanti, 320.
- Aix** sponsa, 176, 179, 312.
- Ajaja** ajaja, 14, 275.
- Alauda** arvensis, 177.
- Alca** torda, 145.
- Alle** alle, 183, 213.
- Allen, F. H., summer birds at
Bridgewater and Moultonboro',
New Hampshire, 76.
- Allen, J. A., note on first plumage
of *Colinus ridgwayi*, 189; the
Florida Gallinule breeding in
Vermont, 273.
- Amazilia** lawrencei, 209.
- American Ornithologists' Union,
sixth congress of, 55; notice of
supplement to the A. O. U. code
of nomenclature and check-list
of North American birds, 168;
notice of the abridged A. O. U.
check-list, 169.
- Ammodramus** beldingi, 222.
caudacutus, 204, 303, 322.
caudacutus nelsoni, 340.
henslowii, 44, 194, 322.
maritimus, 130, 197, 303.
passerinus, 204.
peninsulæ, 322.
princeps, 64, 148, 199.
sandwichensis alaudinus, 222.
sandwichensis savanna, 25, 44,
101, 148, 321.
savannarum passerinus, 25,
40, 44, 198, 321.
- Ampelis** cedrorum, 26, 31, 45, 77,
78, 102, 118, 144, 201, 202,
281, 315, 326.
- garrulus**, 26, 184.
- Amphispiza** bilineata, 240.
- Anas** americana, 302.
boschas, 133, 179, 211, 215,
312.
carolinensis, 312.
cyanoptera, 160, 223.
diazzi, 264.
discors, 312.
fulvigula, 263.
maculosa, 263.
obscura, 133, 146, 197, 264,
312.
penelope, 64, 302.
- Anhinga** anhinga, 312.
- Anthus** cervinus, 329.
pensylvanicus, 28, 222, 240.
- Antrostomus** carolinensis, 252.
vociferus, 10, 22, 44, 77, 78,
99, 276, 314.
- Aphelocoma** californica, 221.
californica hypoleuca, 329.
floridana, 319.
sieberii arizonæ, 173.
- Aphriza** virgata, 195.
- Aquila** chrysaëtos, 175.
- Aramus** giganteus, 152.

- Ardea cærulea*, 18, 64.
candidissima, 18, 223, 312.
egretta, 17, 183, 312.
herodias, 76, 78, 236, 312.
occidentalis, 16.
rufescens, 14.
tricolor ruficollis, 18.
virescens, 18, 32, 53, 76, 312.
wardi, 17.
wuerdemanni, 16.
Arenaria interpres, 32, 129, 159, 340.
Asio accipitrinus, 147, 175, 201, 313.
wilsonianus, 299.
Attila viridescens, 172.
Auk, Great, 64, 176, 178, 195.
Razor-billed, 145, 184.
Averill, C. K., Jr., Loggerhead Shrike at Bridgeport, Connecticut, 74; *Tringa bairdii* on Long Island Sound, 189.
Aythya americana, 312.
marila nearctica, 312.
vallisneria, 312.
- BADGER, G. B.**, *Histrionicus histrionicus* on Long Island, New York, 67.
- Barrows, W. B.**, notice of his report on the English Sparrow in North America, 326.
- Bartramia longicauda*, 158, 237.
- Batchelder, C. F.**, an undescribed subspecies of *Dryobates pubescens*, 253.
- Beckham, C. W.**, notice of his 'Observations on the birds of Southwestern Texas,' 173.
- Bellona cristata*, 218.
exilis, 218.
ornatus, 218.
- Bendire, C. E.**, notes on the habits, nests and eggs of *Dendragapus obscurus fuliginosus*, the Sooty Grouse, 32; *Sphyrapicus ruber* breeding in coniferous trees, 71; a peculiar nest of *Cinclus mexicanus*, 75; notes on the general habits, nests and eggs of the genus *Passerella*, 107; description of the supposed nest and eggs of *Zonotrichia querula*, Harris's Sparrow, 150; notice of his recent papers on nests and eggs of some rare North American birds, 173; *Picicorvus columbianus* (Wils.), Clarke's Nut-cracker. Its nest and eggs, etc., 226; description of the nest and eggs of *Megascops asio maxwelliae*, the Rocky Mountain Screech Owl, 298.
- Bergtold, W. H.**, notice of his list of the birds of Buffalo and vicinity, 331.
- Betty-bird*, 313.
- Bird, Frigate*, 180.
- Bishop, L. B.**, notes on the birds of the Magdalen Islands, 144; *Helminthophila pinus*, *H. chrysoptera*, *H. leucobronchialis* and *H. lawrencei* in Connecticut in the spring of 1888, 192.
- Bittern*, 1, 187.
American, 16, 146.
Cory's, 317.
European, 5.
Least, 16.
- Blackbird, Bahaman Red-winged**, 320.
Brewer's, 190.
Crow, 44.
Red-winged, 24, 44, 141, 201.
Rusty, 24, 147, 303.
- Blackcock**, 176.
- Bluebird**, 30, 42, 46, 107, 141, 197, 202, 241.
- Bobolink**, 23, 44, 100, 319.
- Bob-white, Cuban**, 245.
Florida, 245.
Texan, 237.
- Bonasa umbellus*, 44, 52, 76, 99, 175, 177.
umbellus togata, 117.
- Bond, F.**, *Myadestes townsendii* apparently wintering in Wyoming, 193; notes from Wyoming, 341.
- Botaurus exilis*, 16.
lentiginosus, 1, 16, 146, 187, 312.
neoxena, 317.
stellaris, 6.
- Brachyrhamphus kittlitzii*, 329.
- Branta canadensis*, 312.
- Breese, W. L.**, death of, 81.
- Brewster, W.**, the present status of Forster's Tern as a bird of New England, 66; occurrence of the Western Sandpiper (*Ereunetes occidentalis*) in numbers on the coast of Massachusetts, 69; Krieger's Hawk (*Buteo borealis kriegerii*) on the coast of Georgia, 70; second occurrence of the

- Prairie Horned Lark in Eastern Massachusetts, 71; descriptions of supposed new birds from western North America and Mexico, 85; *Dendroica coronata* feeding upon oranges, 279; the present status of the Wild Pigeon (*Ectopistes migratorius*) as a bird of the United States, with some notes on its habits, 285; nesting habits of the Parrakeet (*Conurus carolinensis*), 336; *Melanerpes carolinus* eating oranges, 337.
- Brittain, J., and Cox, P., Jr., notes on the summer birds of the Restigouche Valley, New Brunswick, 116.
- Brown, J. C., early appearance of *Empidonax minimus* at Portland, Maine, 71; unusual nesting site of *Dendroica virens*, 74; winter notes from Portland, Maine, 280.
- Brown, N. C., remarkable flight of Killdeer (*Ægialitis vocifera*) near Portland, Maine, 69; note on *Ægialitis meloda circumcincta*, 70.
- Bubo virginianus*, 117, 249, 313.
 virginianus subarcticus, 238.
- Bunting, Black-throated, 137, 194.
 Indigo, 24, 25, 324.
 Painted, 240, 324.
 Snow, 195, 341.
- Bush-tit, Lead-colored, 173.
- Buteo abbreviatus* 173.
 borealis, 44, 99, 117, 247,
 313.
 borealis kriderii, 70.
 brachyurus, 243, 248, 275.
 fuliginosus, 243.
 latissimus, 248.
 lineatus, 183, 237, 247, 313.
 lineatus alleni, 247.
 swainsoni, 173, 237, 313.
- Butorides saturatus*, 172.
- Buzzard, Turkey, 52, 70, 183, 201,
 237.
- CALAMOSPIZA melanocorys*, 192.
- Calcarius lapponicus*, 137, 190,
 211, 278, 296, 297.
 ornatus, 190, 340.
- Calidris arenaria*, 157.
- Callipepla californica vallicola*, 221,
 223.
 elegans bennoni, 175.
 gambeli, 280.
- Campephilus principalis*, 251, 313
- Camptolaimus labradorius*, 64, 178.
- Campylorhynchus brevirostris*, 172.
 capistratus, 171.
 castaneus, 171.
- Cantwell, G. G., notes from Minnesota, 340.
- Cardinal, 25, 151, 240, 324.
- Cardinalis cardinalis, 24, 25, 120,
 151, 240, 315, 324.
- Carpodacus mexicanus frontalis*,
 220, 341.
 mexicanus ruberrimus, 329.
 purpureus, 24, 44, 77, 78, 100,
 117, 147, 174, 280, 314.
- Catbird, 28, 46, 53, 105.
- Cathartista atrata*, 237, 246, 313.
- Cathartes aura*, 52, 70, 121, 183,
 201, 221, 237, 246, 313.
- Catharus berlepschi*, 171, 173.
 fumosus, 171.
 mexicanus, 171.
- Catherpes mexicanus conspersus*,
 240.
- Cedarbird, 45, 102, 202, 281.
- Centrocercus urophasianus*, 33.
- Centurus santacruzi pauper*, 172.
- Ceophloeus pileatus*, 22, 99, 119,
 238, 251, 303, 313.
- Cephus grylle*, 145, 213.
- Certhia familiaris*, 173.
 familiaris americana, 29, 42,
 52, 105, 241, 316.
 familiaris scandulaca, 173.
- Certhiola atrata*, 219.
 godmani, 219.
 sacharina, 219.
 sharpei, 31.
 wellsi, 219.
- Ceryle alcyon*, 22, 44, 76, 117, 129,
 147, 238, 250, 313.
- Chadbourne, A. P., an unusual flight of Killdeer Plover (*Ægialitis vocifera*) along the New England coast, 255.
- Chætura pelagica*, 9, 10, 11, 22,
 44, 53, 77, 78, 99, 117, 120,
 142, 252, 314, 339.
- Chamæa fasciata henshawi*, 221.
- Chamberlain, M., some account of the birds of southern Greenland from the MSS. of A. Hagerup, 211, 291.
- Chapman, F. M., *Helminthophila bachmani* on the east coast of Florida, 278; a suggestion to the A. O. U. committee on the revision of the Check-List of North American Birds, 281; notes on

- birds observed in the vicinity of Englewood, New Jersey, 302.
Charadrius apricarius, 217.
 dominicus, 159, 258.
 squatarola, 158.
 virginicus, 180.
Charitonetta albeola, 312.
Chat, 121.
 Yellow-breasted, 28, 40, 42, 43, 46, 104.
Chelidon erythrogaster, 26, 31, 45, 53, 77, 78, 102, 118, 130, 201, 315, 325.
Chen cærulescens, 68.
 hyperborea, 195.
Chickadee, 29, 46, 105.
 Black-capped, 119.
 Carolina, 29, 75, 331.
 Hudsonian, 119, 149, 204.
Chicken, Mother Carey's, 312.
Chondestes grammacus, 25, 303, 314, 322.
 grammacus strigatus, 220, 240.
Chordeiles popetue minor, 183.
 virginianus, 22, 44, 77, 78, 99, 117, 201, 314.
 virginianus chapmani, 252, 329.
 virginianus henryi, 239.
Chrysotis amazonica, 50.
 leucocephala, 31, 32.
 vittata, 49.
Chrysura nœnone, 210.
Chuck-will's-widow, 252.
Cinclus mexicanus, 75.
Circus hudsonius, 44, 76, 129, 147, 237, 247, 313.
Cistothorus palustris, 29, 316.
 palustris paludicola, 222.
Clangula hyemalis, 216.
Clivicola riparia, 26, 45, 118, 120, 130, 148, 197, 201, 315, 325.
Coccothraustes vespertina, 72, 177, 178, 179, 314, 331.
Coccyzus americanus, 21, 120, 238, 250, 313.
 erythrophthalmus, 22, 44, 76, 78, 99, 120, 250, 313.
 minor, 250.
 minor maynardi, 250.
Cock-of-the-woods, 313.
Colaptes auratus, 22, 44, 53, 76, 78, 99, 117, 119, 147, 176, 183, 202, 239, 252, 281, 314.
 cafer, 221, 239, 300.
Colinus graysoni, 174.
 nigrogularis segoviensis, 172.
Colinus ridgwayi, 174, 189.
 virginianus, 42, 52, 99, 121, 175, 178, 245, 313.
 virginianus cubanensis, 245, 329.
 virginianus floridanus, 245.
 virginianus texanus, 174, 237.
Colocalia fuciphaga, 9, 11.
Colopteryx inornatus, 172.
Columba fasciata, 173.
 leucocephala, 32, 246.
Columbigallina passerina, 32, 246.
 passerina insularis, 172.
Columbus auritus, 145.
Collyrio ludovicianus, 180.
Compsothlypis americana, 27, 31, 45, 77, 103, 315.
 nigrilora, 94.
 pulchra, 93.
Contopus borealis, 43, 100, 105, 117, 122, 137, 314.
 richardsoni, 239.
 vicinus, 172.
 virens, 23, 44, 53, 77, 78, 100, 117, 121, 314, 319.
Conurus carolinensis, 201, 249, 313, 336.
Cooke, W. W., notice of his 'Report on Bird Migration in the Mississippi Valley,' 58, 270.
Coot, American, 156.
Copurus colonus, 267.
 funebris, 267.
Coracopitta, 79.
Cormorant, 133, 215.
 Common, 332.
 Double-crested, 146.
Farallone, 176.
Corvus americanus, 23, 44, 52, 77, 78, 100, 117, 121, 129, 140, 141, 147, 180, 181, 201, 202, 240, 314.
 americanus floridanus, 319.
 corax, 100.
 corax principalis, 52, 147, 211, 277, 292, 293.
 corax sinuatus, 23, 277, 314.
 cryptoleucus, 173.
 ossifragus, 199, 319, 338.
Cory, C. B., a list of the birds collected by Mr. C. J. Maynard in the Islands of Little Cayman and Cayman Brack, West Indies, 30; notes on West Indian birds, 218; notice of his 'Birds of the West Indies,' 265; *Buteo brachyurus* in Florida, 275; *Antrostomus vociferus* in Porto Rico,

- 276; a new Duck for Massachusetts, *Nomonyx dominicus*, 336.
 Coues, E., a new generic name for the Elf Owl, 71.
 Cowbird, 23, 44, 72, 100, 113, 307, 320.
 Cox, P., Jr., a bird wave, 241; see also Brittain, J.
 Crake, Spotted, 217.
 Crane, Little Brown, 124.
 Sandhill, 152.
 Creeper, Black-and-white, 51.
 Brown, 29, 42, 52, 105, 240.
 Crossbill, 197.
 American, 24, 118, 148.
 American Red, 100.
 Red, 43, 100.
 White-winged, 24, 148.
 Crotaphaga ani, 32.
 Crow, 52, 117, 140, 180, 181, 202.
 American, 23, 44, 100, 129, 147.
 Common, 240.
 Fish, 319, 338.
 Florida, 319.
 Crymophilus fulicarius, 134, 194.
 Cuckoo, Black-billed, 22, 44, 99, 250.
 Mangrove, 250.
 Maynard's, 250.
 Yellow-billed, 22, 238, 250.
 Curlew, Long-billed, 158.
 Cyanocitta cristata, 23, 44, 77, 78, 100, 117, 184, 197, 202, 239, 314.
 cristata florincola, 319.
 selleri frontalis, 223.
 selleri macrolopha, 193.
 Cyclorhis altirostris, 269.
 ochrocephala, 269.
 viridis, 269.
 Cyphorhinus griseolateralis, 172.

 DAFILA acuta, 312.
 Davie, O., notice of his 'Nests and Eggs of North American Birds,' 328.
 Davison, S. L., breeding of *Habia ludoviciana* in Niagara County, New York, 191.
 Dendragapus canadensis, 39, 204.
 obscurus, 39, 177.
 obscurus fuliginosus, 32.
 obscurus richardsonii, 39.
 Dendrochelidon coronatum, 11.
 mystacea, 9, 10, 11.
 wallacei, 9, 11.

 Dendrocolaptes obsoletus, 172.
 Dendroica aestiva, 24, 27, 42, 45, 77, 103, 107, 118, 120, 130, 148, 240, 316.
 auduboni, 96, 221.
 auropilla, 31.
 blackburniæ, 27, 42, 46, 51, 103, 120, 316.
 cærulea, 27.
 cærulescens, 27, 31, 41, 43, 45, 51, 103, 104, 122.
 castanea, 27, 42, 106, 138, 198.
 chrysoparia, 174.
 coronata, 27, 42, 43, 77, 78, 103, 118, 141, 148, 149, 199, 279, 280, 316.
 discolor, 31, 198.
 dominica, 120, 195, 339.
 dominica albilora, 27, 316.
 kirtlandi, 75, 279.
 maculosa, 27, 43, 77, 103, 104, 106, 118, 120, 148.
 nigrescens, 223.
 nigrifrons, 94.
 palmarum, 28, 31, 183.
 pensylvanica, 27, 41, 46, 50, 77, 78, 103, 120, 316, 341.
 striata, 27, 42, 120, 149.
 tigrina, 27, 198.
 vigorsii, 28, 77, 198.
 virens, 27, 46, 51, 74, 77, 78, 103, 118, 120, 149, 316.
 vitellina, 31.
 Dendroornis fraterculus, 172.
 lawrencei, 171.
 lawrencei costaricensis, 171.
 Diablotin, 19, 20.
 Dichrozona zononota, 172.
 Dickcissel, 25, 137, 240, 324.
 Diomedea albatrus, 333.
 Diver, Great Northern, 176.
 Red-throated, 213.
 Dolichonyx oryzivorus, 23, 31, 44, 77, 78, 100, 319.
 Dove, 53, 142.
 Ground, 246.
 Mourning, 40, 44, 237, 246.
 Sea, 183.
 White-winged, 160, 246.
 Dovekie, 213.
 Dowitcher, 156.
 Long-billed, 156.
 Downs, A., notice of his 'Birds of Nova Scotia,' 64.
 Dryobates borealis, 251, 313.
 nuttallii, 221.

- Dryobates pubescens, 22, 44, 52, 76, 78, 99, 117, 121, 147, 238, 251, 253, 313.
pubescens gairdnerii, 221, 253.
pubescens oreococcus, 253.
scalaris, 238.
villosum, 22, 42, 52, 76, 99, 117, 147, 238, 313.
villosum auduboni, 251.
- Duck, Black, 133, 146, 197.
 Chicken-footed, 312.
 Fish, 312.
 Harlequin, 134, 216.
 Labrador, 64.
 Mallard, 211.
 Mottled, 263.
 Pied, 178.
 Ruddy, 184.
 Wood, 176, 179.
- Dutcher, B. H., bird notes from Little Gull Island, Suffolk Co., N. Y., 124.
- Dutcher, W., bird notes from Long Island, New York, 131.
- Dwight, J., Jr., *Sterna paradisaea* —A correction.
- EAGLE, Bald, 117, 237, 248.
 Golden, 175.
 Gray Sea, 291.
- Eames, E. H., notes on the Blue-winged Warbler and its allies (*Helminthophila pinus*, *H. leuco-bronchialis*, *H. lawrencei*, and *H. chrysoptera*) in Connecticut, 305; the Fish Crow (*Corvus ossifragus*) in Connecticut, 338.
- Ectopistes migratorius, 201, 285, 302, 313.
- Egret, American, 17.
 Peale's, 14.
 Reddish, 18.
- Eider, Greenland, 216.
 King, 216.
- Elainea albiceps, 269.
 martinica, 31.
 modesta, 269.
- Elanoides forficatus, 246, 313.
- Elanus leucurus, 247.
- Elliot, D. G., descriptions of supposed new species of Hummingbirds belonging to the genus *Amazilia* and *Eriocnemis*, 209.
- Elliott, H. W., the Cowbird (*Molothrus ater*) as a fly-destroyer, 72.
- Elliott, S. L., death of, 206.
- Emberiza unalascensis, 109.
- Empidagras albiceps, 269.
- Empidagra suiriri, 269.
- Empidonax acadicus, 23, 24, 120, 199, 314, 319.
cinerarius, 86, 87.
difficilis, 86, 222.
flaviventris, 23, 42, 86, 239, 314, 332.
griseus, 87.
hammondi, 88.
minimus, 23, 44, 71, 77, 78, 100, 117, 121, 144, 147, 314.
obscurus, 88.
pulverius, 86.
pusillus trailii, 23, 44, 71, 78, 100, 314.
wrightii, 89.
- Engyptila vinaceiventris, 172.
 wellsi, 21.
- Ereunetes occidentalis, 69, 157.
 pusillus, 69, 128, 157.
- Eriocnemis incultus, 210.
- Erismatura rubida, 184.
- Euetheia canora, 329.
 olivacea, 31.
- Euphonia affinis, 91.
 godmani, 90.
 minima, 91.
- Euphonia, Godman's, 90.
- Euryzona eurizonoides, 173.
 eurizonoides amauroptera, 173.
- Evans, E. M., *Calamospiza melanocorys* on Long Island, N. Y., 192.
- Evermann, B. W., birds of Carroll County, Indiana, 22; the Wood Ibis in Indiana, 186.
- FALCO columbarius, 147, 248, 313.
fusco-cærulescens, 173.
islandus, 292.
peregrinus anatum, 44, 248, 276, 292, 293.
rusticolus, 292.
sparverius, 221, 237, 248, 313.
sparveroides, 329.
- Falcon, Aplomado, 173.
 Peregrine, 292.
- Faxon, W., on the summer birds of Berkshire County, Massachusetts, 39, 99; *Molothrus ater* in Massachusetts in December, 72.
- Finch, Lark, 25, 303.
 Lincoln's, 90.
 Nelson's Sharp-tailed, 340.
 Pine, 43, 118.
 Purple, 24, 44, 100, 118, 147, 280.

- Finch, Seaside, 197, 303.
 Sharp-tailed, 303, 322.
 Fish-hawk, 180.
 Flamingo, American, 13.
 Flicker, 117, 147, 239, 252, 300.
 Red-shafted, 239.
 Flycatcher, Acadian, 23, 24, 319.
 Crested, 23, 44, 100, 319.
 Gray, 87.
 Least, 23, 44, 71, 100, 117.
 Olivaceous, 276.
 Olive-sided, 43, 100, 105, 117,
 137.
 Scissor-tailed, 161, 239, 318.
 Sierra Madre, 86.
 Traill's, 23, 44, 71, 100.
 Yellow-bellied, 23, 42, 239,
 332.
 Fowl, Sage, 33.
 Fratercula arctica, 145, 213.
 Fregata aquila, 180.
 Fulica americana, 156, 201, 312.
 Fulmar, 215.
 Tropical, 131.
 Fulmarus glacialis, 215.
 glacialis rodgersii, 333.
 GALEOSCOPTES carolinensis, 23, 31,
 46, 53, 77, 79, 105, 120, 316.
 Gallinago delicata, 146, 156, 312.
 Gallinula eurizonoides, 7
 galeata, 155, 194, 222, 273.
 Gallinule, 222.
 Florida, 155, 194, 273.
 Purple, 64, 155, 184, 198.
 Gannet, 145, 146.
 Blue-footed, 67.
 Brewster's, 67.
 Gault, B. T., the Lapland Longspur
 near Chicago in June, 278.
 Gavia alba, 213.
 Gelochelidon nilotica, 311.
 Geococcyx californianus, 221, 238.
 Geothlypis agilis, 28, 193.
 beldingi, 329.
 formosa, 28, 139, 198, 199,
 304, 316.
 philadelphia, 28, 42, 43, 103,
 119, 198, 332.
 trichas, 24, 28, 31, 46, 53, 77,
 78, 104, 119, 121, 149, 316.
 trichas occidentalis, 223.
 trichas roscoe, 167.
 Geotrygon martinica, 160, 246.
 montana, 160, 246.
 Glaucionetta islandica, 216.
 Gnatcatcher, Black-fronted, 97.
 Blue-gray, 29, 204, 241, 305.
 California Black-capped, 173.
 Godwit, Hudsonian, 340.
 Marbled, 157.
 Golden-eye, Barrow's, 216.
 Goldfinch, American, 24, 44, 100,
 118, 321.
 Goose, Blue, 68.
 Snow, 195.
 Goss, N. S., additions to the cata-
 logue of the birds of Kansas, with
 notes in regard to their habits,
 122.
 Gould, J., notice of his 'Birds of
 New Guinea,' 269; notice of the
 supplement to his monograph of
 the Trochilidæ, 334.
 Gourdehead, 312.
 Grackle, 141, 201.
 Boat-tailed, 321.
 Bronzed, 24, 117.
 Florida, 321.
 Rusty, 117.
 Grebe, Horned, 145.
 Western, 122.
 Green, M. M., Baird's Sandpiper in
 Central New York, 68.
 Grosbeak, Blue, 64, 324.
 Cardinal, 24.
 Evening, 72, 177, 178, 179,
 331.
 Pine, 117.
 Rose-breasted, 25, 45, 101,
 122, 191, 324.
 Grouse, Blue, 32.
 Canada, 39.
 Canadian Ruffed, 117.
 Dusky, 39, 177.
 Richardson's, 39.
 Ruffed, 44, 52, 99, 175, 177.
 Sharp-tailed, 33, 300.
 Sooty, 32.
 Grus americana, 312.
 canadensis, 124.
 mexicana, 152.
 Guara alba, 15.
 rubra, 15.
 Guillemot, Black, 145, 213.
 Guiraca cærulea, 64, 315, 324.
 Gull, American Herring, 146.
 Glaucous, 213.
 Great Black-backed, 145, 214,
 215.
 Iceland, 214, 215.
 Ivory, 213.
 Kittiwake, 178.
 Gyrfalcon, Gray, 292.
 White, 292.
 HABIA ludoviciana, 25, 45, 77, 101,
 122, 191, 201, 315, 324.

- Hæmatopus palliatus, 160.
Haliæetus albicilla, 211, 291.
 leucocephalus, 76, 79, 117,
 237, 248, 313.
Hardy, M., additional notes on the
 Bittern, 187.
Harporhynchus lecontei, 280.
 longirostris sennetti, 171.
 rufus, 29, 42, 43, 46, 77, 79,
 105, 121, 204, 305, 316.
Harvie-Brown, J. A., "Bird Migration in the Mississippi Valley" by W. W. Cooke, 270.
Hasbrouck, E. M., restoration of an Audubonian form of *Geothlypis trichas* to the American avifauna, 167; summer birds of Eastland County, Texas, 236.
Hawk, Broad-winged, 248.
 Cooper's, 117, 237, 247.
 Duck, 44, 248, 276, 293.
 Florida Red-shouldered, 247.
 Krider's, 70.
 Marsh, 44, 129, 147, 237, 247.
 Pigeon, 147, 248.
 Red-shouldered, 183, 237, 247.
 Red-tailed, 44, 99, 247.
 Sharp-shinned, 117, 247.
 Short-tailed, 248.
 Sparrow, 237, 248.
 Swainson's, 173, 237.
 Zone-tailed, 173.
Helinaia swainsonii, 315.
Helminthophila bachmani, 278.
 celata lutescens, 223.
 chrysoptera, 27, 192, 279, 305,
 315.
 lawrencei, 192, 305.
 leucobronchialis, 192, 198,
 304, 305.
 peregrina, 27, 102, 118, 138,
 184, 201, 315.
 pinus, 27, 192, 199, 279, 305.
 ruficapilla, 27, 40, 41, 42, 43,
 45, 77, 102, 198, 304, 315.
Helmitherus vermiculus, 24, 31,
 199, 315.
Hen, Pine, 32.
Hendrickson, W. F., the Chesnut-collared and Lapland Longspurs on Long Island, N. Y., 190.
Heron, Black-crowned Night, 18.
 Great Blue, 236.
 Great White, 16.
 Green, 18, 53.
 Little Blue, 18.
 Louisiana, 18.
 Snowy, 18.
 Ward's, 17.
Heron, White, 183.
 Wuerdemann's, 16.
 Yellow-crowned Night, 18,
 184, 331.
Heterocnemis hypoleuca, 172.
Himantopus mexicanus, 156.
Histrionicus histrionicus, 67, 134,
 216.
Hitchcock, F. H., the Connecticut Warbler in Vermont, 193.
Homeyer, E. F. v., death of, 341.
Hudson, W. H., see Sclater, P. L.
Hummingbird, 23, 177, 180.
 Ruby-throated, 44, 53, 99, 252.

IBIS, Glossy, 15.
 Scarlet, 15.
 White, 15.
 Wood, 16, 186.
Icteria virens, 28, 40, 42, 43, 46,
 104, 121, 199, 316.
Icterus bullocki, 223.
 galbula, 24, 42, 44, 60, 77,
 100, 121, 181, 240, 314.
 spurius, 24, 40, 44, 314, 320.
Ictinia mississippiensis, 247, 313.
Indigo-bird, 45, 53, 101.
Ionornis martinica, 70, 155, 184, 198.

JACK, 312.
 Black, 312.
Jaeger, Parasitic, 125, 160, 213.
 Pomarine, 125.
Jay, Arizona, 173.
 Blue, 23, 44, 100, 117, 184,
 197, 202, 239.
 Canada, 117.
 Florida, 319.
 Florida Blue, 319.
 Long-crested, 193.
 Oregon, 235.
 Rocky Mountain, 230.
Jeffries, J. A., see Jeffries, W. A.
Jeffries, W. A., *Chen cærulescens* in Massachusetts, 68; Sandpipers at sea—a correction, 69; birds observed at Santa Barbara, California, 220.
Jeffries, W. A., and J. A., notes on Western North Carolina birds, 119.
Johnson, F. O., *Polioptila plumbea* at Palm Springs, California, 280.
Johnson, L. N., The Wild Turkey in the North Carolina mountains, 275.
Jordan, D. S., notice of his new manual of vertebrates, 63.

- Junco hyemalis, 25, 41, 43, 45, 77, 78, 101, 118, 121, 140, 141, 148, 221, 241, 242, 315, 332.
hyemalis carolinensis, 51, 121.
hyemalis oregonus, 221.
- Junco, 118, 241, 242.
 Slate-colored, 25, 148, 332.
- KEYES, C. R., and Williams, H. S., notice of their preliminary catalogue of the birds of Iowa, 332.
- Kidder, J. H., death of, 282.
- Killdeer, 69, 159, 195, 237.
- Kimball, F. H., mortality among Eave Swallows, 338.
- Kingbird, 23, 44, 53, 100, 117, 147, 202, 318.
 Gray, 318.
- Kingfisher, 22, 117, 238, 251.
 Belted, 44, 129, 147.
- Kinglet, Golden-crowned, 29, 42, 105, 142, 149.
 Ruby-crowned, 29, 75, 142.
- Kite, Everglade, 247.
 Mississippi, 247.
 Swallow-tailed, 246.
 White-tailed, 247.
- Kittiwake, 145, 213.
- Knot, 156, 196.
- Kohn, G., *Saxicola aenanthe* in Louisiana, 76; Brewer's Blackbird near New Orleans, 190.
- Kumlien, T., death of, 81, 204.
- LAGOPUS rupestris reinhardti, 211, 217.
- Lanius borealis, 26, 175, 315.
ludovicianus, 138, 180, 192, 195, 198, 224, 304.
ludovicianus excubitorides, 26, 74, 192, 224, 240.
- Lark, Horned, 137, 195, 198.
 Prairie Horned, 23, 71.
 Shore, 190, 191.
- Larus argentatus smithsonianus, 146, 311.
atricilla, 311.
californicus, 222.
delawarensis, 311.
franklinii, 311.
glaucescens, 222.
glaucus, 214, 215.
leucopterus, 214, 215.
marinus, 145, 214, 215.
minutus, 329.
occidentalis, 222.
- Lawrence, G. N., an account of the breeding habits of *Puffinus auduboni* in the Island of Grenada
- West Indies, with a note on *Zenaidura rubripes*, 19; remarks upon abnormal coloring of plumage observed in several species of birds, 46; a new name for the species of *Sporophila* from Texas, generally known as *S. moreletti*, 53; notice of his description of *Cathartes berlepschi*, 173.
- Leptasthenura ægithaloides, 269.
platensis, 269.
- Leucosticte tephrocotis littoralis, 341.
- Limosa fedoa, 157.
haemastica, 340.
- Limpkin, 152.
- Linnæan Society of New York, proceedings of, 196.
- Linnet, 174.
- Longspur, Chestnut-collared, 190, 340.
 Lapland, 137, 190, 211, 278, 296, 297.
- McCown's, 340.
- Loomis, L. M., a rare bird in Chester Co., South Carolina, 74; another Western bird in South Carolina, 194; the Raven as a South Carolinian, 277.
- Loon, 145, 213.
- Lophodytes cucullatus, 312.
- Loxia curvirostra, 118.
curvirostra minor, 24, 43, 100, 148, 197, 201.
leucoptera, 24, 148, 201.
- Lucas, F. A., the main divisions of the Swifts, 8; costal variations in birds, 195.
- MACRORHAMPHUS griseus, 156.
scolopaceus, 156.
- Magpie, American, 181.
 Black-billed, 299.
 Yellow-billed, 180.
- Mallard, 133, 179, 215.
- Marshall, A. F., death of, 80.
- Martin, Cuban, 325.
 Purple, 25, 53, 339.
 Western, 92.
- Mason, E. C., the Turkey Buzzard in Massachusetts, 70.
- Meadowlark, 24, 44, 142, 175, 203.
 Mexican, 320.
- Megalestris skua, 176, 331.
- Megascops asio, 189, 299, 313.
asio floridanus, 249.
asio kennicottii, 299.
asio maxwelliae, 298.
asio mccallii, 237.

- Melanerpes aurifrons, 238.
carolinus, 22, 179, 204, 238,
 251, 314, 337.
erythrocephalus, 22, 53, 198,
 202, 238, 251, 313, 340.
formicivorus bairdi, 221.
- Melanipitta, 79.
- Meleagris gallopavo, 121, 184, 246,
 275, 313.
- Mellopitta, 79.
- Melopelia leucoptera, 160, 246.
- Melospiza fasciata, 25, 45, 77, 78,
 101, 118, 130, 138, 148, 183,
 197, 241, 242, 315, 323.
fasciata heermanni, 221.
fasciata montana, 240.
fasciata rivularis, 329.
georgiana, 25, 45, 78, 118,
 148, 183, 323.
lincolni, 25, 221.
lincolni striata, 89.
- Merganser americanus, 117, 312.
serrator, 146, 215, 222, 312.
- Merganser, American, 117.
 Red-breasted, 146, 215.
- Merriam, C. H., a Hawk bearing a
 legend, 276.
- Merriam, F. A., notice of her 'Birds
 Through an Opera Glass', 330.
- Merula migratoria, 30, 46, 52, 78,
 79, 107, 119, 122, 131, 141,
 150, 175, 177, 182, 202, 203,
 241, 281, 316.
migratoria propinqua, 73,
 193, 222.
- Micrathena, 71.
- Micrathene, 71.
- Microcerulus daulias, 171.
- Micropalama himantopus, 156, 341.
- Micropallas 71.
- Micropallas whitneyi, 276.
- Micropus apus, 9, 11.
melanoleucus, 223.
subfurcatus, 9.
- Milvulus forficatus, 161, 239, 318.
- Mimocichla ravida, 30.
rubripes, 30, 31.
- Mimus gracilis leucophæus, 171.
polyglottos, 121, 197, 240,
 304, 316, 340.
- Minor ornithological publications,
 174.
- Mniotilla varia, 26, 45, 51, 77, 102,
 121, 130, 131, 148, 315.
- Mockingbird, 121, 240, 304, 340.
- Molothrus ater, 23, 44, 72, 100, 113,
 201, 307, 314; 320.
- Morris, R. O., birds near Spring-
- field, Massachusetts, 340.
- Murre, 145.
 Brünnich's 145, 213.
- Myadestes townsendii, 184, 193.
- Myiarchus cinerascens, 223.
crinitus, 23, 44, 78, 100, 121,
 314, 319.
dominicensis, 184.
lawrencei, 329.
lawrencei olivascens, 276.
- Myiozetetes texensis, 329.
- NAUCLERUS forcatus, 182.
- Nelson, E. W., notice of his 'Re-
 port upon natural history col-
 lections made in Alaska', 61.
- Nighthawk, 22, 44, 99, 117.
 Chapman's, 252.
 Cuban, 183.
 Western, 239.
- Nomonyx dominicus, 336.
- Numenius hudsonicus, 223.
longirostris, 158.
phaeopus, 217.
- Nutcracker, Clarke's 123, 226.
- Nuthatch, Red-bellied, 42, 52, 105,
 332,
 Red-breasted, 29, 119, 149.
 White-bellied, 105, 241.
 White-breasted, 29.
- Nyctala acadica, 178, 189, 329.
- Nyctea nyctea, 174, 179, 195, 293.
- Nycticorax nycticorax nævius, 18.
violaceus, 18, 184, 331.
- OCEANITES oceanicus, 128, 131,
 132, 197.
- Oceanodroma furcata, 333.
leucorhoa, 128, 131, 146, 215,
 340.
leucorhoa macrodactyla, 178.
- Oidemia deglandi, 146.
perspicillata, 123, 222.
- Old-squaw, 216.
- Olor—?, 312.
- Oporornis agilis, 183.
- Oriole, Baltimore, 24, 42, 44, 60,
 100, 181, 240.
 Orchard, 24, 40, 44, 320.
- Ornithion napæum, 172.
- Osprey, 178.
 American, 117, 129, 248.
- Otocoris alpestris, 72, 137, 190, 191,
 195.
alpestris praticola, 23, 71,
 198, 200.
alpestris rubea, 222.
- Ouzel, Water, 75.
- Oven-bird, 24, 28, 118, 149.

- Owl, American Barn, 303.
 American Long-eared, 299.
 Barn, 184, 248.
 Barred, 237.
 Burrowing, 177.
 Elf, 276.
 Florida Barred, 248.
 Florida Burrowing, 249.
 Florida Screech, 249.
 Great Horned, 117, 249.
 Kennicott's Screech, 299.
 Prairie, 175.
 Rocky Mountain Screech, 298.
 Saw-whet, 178, 189.
 Screech, 189.
 Short-eared, 147, 175.
 Snowy, 174, 179, 195, 293.
 Texas Screech, 237.
 Western Horned, 238.
- Oyster-catcher, American, 160.
- PALMER, W., occurrence of Traill's Flycatcher near Washington, D. C., 71; first occurrence of the Philadelphia Vireo near Washington, D. C., 74.
- Pandion haliaetus, 117.
haliaetus carolinensis, 129, 178, 180, 248.
- Panyptila saxatilis, 9.
- Paroquet, Carolina, 249.
- Parrakeet, 336.
- Partridge, Spruce, 204.
- Parula, Beautiful, 93.
- Parus atricapillus, 29, 46, 77, 79, 105, 119, 121, 144, 149, 316.
atricristatus, 241.
bicolor, 29, 75, 120, 305, 316.
carolinensis, 29, 75, 120, 316, 331.
carolinensis agilis, 241.
hudsonicus, 119, 149, 204.
inornatus, 221.
- Passer domesticus, 45, 101, 140, 174, 176, 177, 179, 180, 181, 197, 198, 297, 316, 326.
montanus, 316, 326.
- Passerella iliaca, 25, 107, 148, 176, 315, 323.
iliaca megarhyncha, 107, 111.
iliaca schistacea, 107, 113.
iliaca unalascensis, 107, 109.
- Passerina ciris, 240, 324.
cyanea, 24, 25, 45, 53, 77, 78, 101, 121, 315, 324.
- Pediocætes phasianellus campestris, 301.
- Pediocætes phasianellus columbianus 33.
- Pelecanus erythrorhynchos, 176, 312.
fuscus, 333.
- Perisoreus canadensis, 117.
canadensis capitalis, 230.
canadensis obscurus, 235.
- Petasophora coruscans, 209.
- Petrel, Black-capped, 132.
 Fork-tailed, 131.
 Leach's, 128, 131, 146, 215, 340.
 Least, 131.
 Stormy, 131, 132.
- Wilson's, 128, 131, 132, 197.
- Petrochelidon lunifrons, 25, 45, 77, 102, 223, 315, 338.
- Peucæa aestivalis, 323.
aestivalis bachmanii, 323.
cassini, 240.
- Pewee, 23, 44, 100.
 Western Wood, 239.
 Wood, 23, 44, 53, 100, 117, 319.
- Phacellodomus ruber, 269.
striaticollis, 269.
- Phalacrocorax carbo, 133, 200, 215, 332.
dilophus, 146, 332.
dilophus albociliatus, 176.
urile, 333.
- Phalænoptilus nuttalli, 124.
nuttalli nitidus, 124, 239.
- Phalarope, Northern, 68, 134.
 Red, 134, 194.
- Phalaropus lobatus, 68, 134, 336.
tricolor, 312, 336.
- Phasianus torquatus, 284.
- Pheasant, Mongolian, 284.
- Philohela minor, 156, 178, 179, 312.
- Phlogopsis bowmani, 172.
- Phœbe, 276, 319.
- Phœnicopterus ruber, 13.
- Phyllopestes borealis, 329.
- Pica nuttalli, 180.
pica hudsonica, 181, 299.
- Picicorvus columbianus, 123, 226.
- Picoides americanus, 204.
arcticus, 117, 136, 183, 204.
- Picus turatii, 254.
- Pigeon, Band-tailed, 173.
 Passenger, 201, 302.
 White-crowned, 246.
 Wild, 285.
- Pindar, L. O., list of the birds of Fulton County, Kentucky, 310.
- Pinicola enucleator, 117, 314.

- Pipilo erythrophthalmus, 24, 25, 41, 42, 43, 45, 77, 78, 101, 121, 142, 280, 315.
erythrophthalmus alleni, 323.
fuscus crissalis, 221.
maculatus arcticus, 151, 152.
maculatus megalonyx, 223.
- Pipit, American, 28.
- Piranga érythromelas, 24, 25, 42, 45, 77, 78, 101, 315, 324, 341.
rubra, 240, 315, 324.
- Pitangus caudifasciatus, 32.
- Pitylus poliogaster scapularis, 172.
- Plautus impennis, 64, 176, 178, 195.
- Plectrophenax nivalis, 24, 211, 295, 341.
- Plegadis autumnalis, 15, 64.
- Plover, American Golden, 159.
 Black-bellied, 158.
 Golden, 180, 217.
 Killdeer, 199, 255, 274.
 Piping, 147, 159.
 Ring, 217.
 Semipalmated, 147, 159.
 Wilson's, 159, 195, 196, 331.
- Podilymbus podiceps, 311.
- Poliopitta cærulea, 29, 120, 204, 221, 241, 305, 316.
californica, 173.
nigriceps, 98.
nigriceps restricta, 97.
plumbea, 280.
- Poocætes gramineus, 25, 44, 77, 78, 100, 144, 314, 321.
- Poor-will, Frosted, 124.
 Hoary, 239.
- Porzana carolina, 155.
exilis vagans, 172.
porzana, 217.
- Pratincola salax, 331.
sybilla, 331.
- Prejevalsky, N. M., death of, 80.
- Prime, W. C., the Northern Phalarope (*Phalaropus lobatus*) in the Franconia Mountains, New Hampshire, 68.
- Procellaria pelagica, 131, 132.
- Procnias terza, 48.
- Progne cryptoleuca, 329.
subis, 25, 53, 77, 78, 93, 201, 315, 325, 339.
subis cryptoleuca, 325.
subis hesperia, 92.
- Protonotaria citrea, 26, 195, 315.
- Psaltriparus lloydii, 329.
minimus californicus, 221.
plumbeus, 173.
santaritæ, 172.
- Psittacula cyanopyga, 85.
cyanopyga pallida, 85.
deliciosa, 172.
exquisita, 172.
insularis, 172.
passerina vivida, 172.
tovi, 47.
- Ptarmigan, Reinhardt's, 217.
- Publications received, 65, 184, 272, 334.
- Puffin, 145, 213.
- Puffinus auduboni, 19.
borealis, 126, 128, 183.
major, 183.
- QUAIL, 42, 53, 175, 178.
 Quail-dove, Key West, 160, 246.
 Ruddy, 160, 246.
- Quiscalus gundlachi, 31.
major, 321.
quiscula, 117, 141, 314.
quiscula aeneus, 24, 44, 201, 314.
quiscula aglæus, 320, 321.
- RAGSDALE, G. H., on the hiatus existing between the breeding ranges of the Loggerhead and White-rumped Shrikes, 224.
- Rail, Clapper, 153.
 King, 153.
 Scott's, 153.
 Virginia, 155, 177.
- Rallus coryi, 163, 165.
crassirostris, 161.
crepitans, 161-166.
crepitans saturatus, 164-166.
elegans, 153.
longirostris, 161, 165, 166.
longirostris caribæus, 162-165.
longirostris crepitans, 153, 162.
longirostris saturatus, 162, 163.
longirostris scottii, 153, 162.
obsolete, 162, 163, 165, 166.
scottii, 163-166.
virginianus, 155, 177.
- Raven, 52, 100, 211, 277, 292.
 American, 23, 293.
 Northern, 147.
 White-necked, 173.
- Recurvirostris americana, 223.
- Redpoll, 24, 211, 293, 297.
- Redstart, 40, 119.
 American, 28, 46, 104, 131, 149

- Reed, J. H., *Troglodytes aëdon*, House Wren, building in a hornets' nest, 339.
Regulus calendula, 29, 75, 79, 142, 316.
satrapa, 29, 42, 51, 79, 105, 142, 149, 181, 316.
Rhegmatorhina gymnops, 172.
Rhyncophanes mccownii, 340.
Rhynchos nigra, 178.
Richardson, J., the Florida Gallinule breeding in Vermont, 273.
Richmond, C. W., another Saw-whet Owl (*Nyctala acadica*) in the District of Columbia, 189; the Yellow-throated Warbler (*Dendroica dominica*) near Washington, D. C., 339.
Ridgway, R., notice of his recent papers on American birds, 171.
Rissa tridactyla, 145, 178, 213.
Rives, W. C., Jr., notes on the birds of White Top Mountain, Virginia, 50.
Road-runner, 238.
Robin, 57, 73, 119, 122, 141, 175, 177, 182, 193, 202, 203, 222, 241, 281.
American, 30, 46, 107, 131, 150.
Robinson, W., some rare Rhode Island birds, 194; some rare Virginia birds, 194.
Rostrhamus sociabilis, 247.
SAGE, J. H., the interbreeding of *Helminthophila pinus* and *H. chrysoptera*, 279.
Salpinctes obsoletus, 183, 221.
Sanderling, 157.
Sandpiper, Baird's, 68.
Bartramian, 158, 237.
Buff-breasted, 136.
Least, 146, 157.
Pectoral, 157.
Purple, 156, 217.
Red-backed, 157.
Semipalmated, 128, 157.
Solitary, 117, 158, 195.
Spotted, 43, 53, 99, 117, 128, 147, 158, 195, 237.
Stilt, 156.
Western, 69, 157.
White-rumped, 157, 340.
Sapsucker, Yellow-bellied, 22, 117.
Saxicola oenanthe, 64, 76, 211, 297.
Sayornis nigricans, 221.
phoebe, 23, 44, 77, 78, 100, 120, 141, 199, 276, 314, 319.
Sayornis saya, 221.
Slater, P. L., notice of his catalogue of the Mesomyodian Passeres, 266.
Slater, P. L., and Hudson, W. H., notice of their 'Argentine Ornithology,' 268.
Scolecopagus carolinus, 24, 117, 147, 303, 314.
cyanocephalus, 190, 220.
Scoter, Surf, 123.
White-winged, 146.
Scotiapex cinerea laponica, 329.
Scott, W. E. D., a summary of observations on the birds of the Gulf Coast of Florida, 13, 152, 245, 318; records of rare birds at Key West, Florida, and vicinity, with a note on the capture of a Dove (*Geotrygon montana*) new to North America, 160; on the specific identity of *Buteo brachyurus* and *Buteo fuliginosus*, with additional records of occurrence in Florida, 243; a second specimen of Cory's Bittern (*Botaurus neoxenus*), 317.
Seiurus aurocapillus, 24, 31, 46, 77, 78, 103, 104, 118, 149, 197, 316.
motacilla, 28, 199.
noveboracensis, 28, 31, 46, 118, 149, 316.
Sennett, G. B., first description of the egg of *Glaucidium phalænoïdes*, Ferruginous Pygmy Owl, 70; *Troglodytes aëdon*, House Wren, breeding in a sand bank, 76; the Clapper Rails of the United States and West Indies compared with *Rallus longirostris* of South America, 161; a new species of Duck from Texas, 263; *Micropallas whitneyi*, Elf Owl, taken in Texas, 276.
Setophaga ruticilla, 28, 31, 40, 46, 77, 79, 104, 119, 121, 131, 149, 316.
Sharpe, R. B., notice of his 'Birds in Nature,' 63.
Shearwater, Cory's, 126, 128, 183. Greater, 183.
Shrike, Loggerhead, 74, 138, 192, 195, 224, 304.
Northern, 26.
White-rumped, 26, 224, 240.
Shufeldt, R. W., notes on Brewster's and the Blue-footed Gannet, 66; notes upon the sudden

- appearance in numbers of the Evening Grosbeak, at Fort Win-gate, New Mexico, 72; notice of his recent papers on the oste-ology of North American birds, 333.
- Sialia mexicana*, 221.
sialis, 30, 42, 46, 78, 79, 107, 121, 141, 184, 197, 202, 241, 316.
- Siskin*, Pine, 24, 100, 148.
Sitta canadensis, 29, 42, 52, 105, 107, 119, 149, 184, 193, 316, 332.
carolinensis, 29, 77, 79, 105, 121, 240, 316.
carolinensis aculeata, 223.
- Skimmer*, Black, 178.
- Skua*, 331.
- Skylark*, English, 177.
- Snipe*, Wilson's, 146, 156.
- Snowbird*, 41, 43, 45, 101, 104, 140.
- Snowflake*, 24, 211, 295.
- Solitaire*, Townsend's, 193.
- Somateria mollissima borealis*, 216.
spectabilis, 216.
- Sora*, 155.
- Sparrow*, Bachman's, 323.
Bay-winged, 44, 100.
Black-throated, 240.
Cassin's, 240.
Chipping, 25, 45, 101, 118, 142, 197, 323.
English, 140, 174, 176, 177, 181, 197, 198, 326.
European House, 297.
- European Tree*, 326.
- Field*, 25, 42, 45, 101, 142, 148, 303, 323.
- Forbush's*, 89.
- Fox*, 25, 107, 148, 176, 323.
- Grasshopper*, 25, 40 44, 198, 321.
- Harris's*, 150.
- Henslow's*, 44, 194, 322.
- House*, 45, 101, 180.
- Ipswich*, 64.
- Lark*, 322.
- Lincoln's*, 25.
- Mountain Song*, 240.
- Pine-woods*, 323.
- Savanna*, 25, 44, 101, 148, 321.
- Scott's Seaside*, 322.
- Seaside*, 130.
- Slate-colored*, 107, 113.
- Song*, 25, 45, 101, 118, 130, 138, 148, 183, 197, 241, 242, 323.
- Sparrow*, Swamp, 25, 45, 118, 148, 183, 323.
Thick-billed, 107, 111.
Townsend's, 107, 109.
Tree, 25, 300.
Vesper, 25, 321.
Western Lark, 240.
White-crowned, 25, 152.
White-throated, 25, 42, 43, 101, 118, 148, 183.
- Speotyto cunicularia floridana*, 249.
cunicularia hypogaea, 175, 177, 221.
- Spermophilus albicularis*, 53.
moreletti, 53.
parva, 53.
- Sphyrapicus ruber*, 71.
varius, 22, 43, 53, 76, 99, 117, 251, 313.
- Spinus lawrencei*, 223.
pinus, 24, 43, 100, 118, 148, 314.
psaltria, 222.
tristis, 24, 44, 53, 77, 78, 100, 118, 119, 222, 314, 321.
- Spiza americana*, 25, 137, 194, 240, 315, 324.
- Spizella domestica*, 181.
monticola, 25, 315.
monticola ochracea, 300.
pusilla, 25, 42, 45, 77, 78, 101, 121, 142, 148, 303, 315, 323.
pusilla arenacea, 329.
socialis, 25, 45, 77, 78, 101, 118, 120, 142, 197, 315, 323.
socialis arizonæ, 223.
- Spoonbill*, Roseate, 14.
- Sporophila moreletti*, 53, 54.
moreletti sharpei, 53, 54.
parva, 54.
- Stejneger, L., the proper name for the genus *Melanipitta* of Schle-gel, 79; notice of his papers on the Japanese Creepers and on the type specimen of *Euryzona eurizonoides*, 173.
- Stelgidopteryx serripennis*, 26, 199, 201, 223, 315, 325.
- Stercorarius parasiticus*, 125, 160, 213.
pomarinus, 125.
- Sterna dougallii*, 127.
forsteri, 66, 311.
hirundo, 126, 146, 186, 311.
paradisea, 186.
tschegrava, 198.
- Stevenson, H., death of, 79.

- Stilt, Black-necked, 156.
 Stone, W., graphic representation of bird migration, 139; notice of his 'Catalogue of the Muscicapidae in the Collection of the Philadelphia Academy of Natural Sciences,' 330.
Strix pratincola, 184, 248, 303, 313.
Sturnella magna, 24, 44, 142, 175, 203, 314.
 magna inexpectata, 172.
 magna mexicana, 320, 329.
 magna neglecta, 220.
Sula bassana, 145, 146, 333.
 brewsteri, 67.
 cyanops, 31, 32.
 gossi, 67.
Surnia ulula, 329.
 Swallow, Bank, 26, 45, 118, 130, 148, 197, 325.
 Barn, 26, 45, 53, 102, 118, 130, 201, 325.
 Cliff, 25.
 Eave, 45, 102, 338.
 Rough-winged, 26, 120, 325.
 Tree, 26, 118, 130, 325.
 White-bellied, 40, 102, 201, 303.
 Swift, Chimney, 22, 44, 53, 99, 117, 142, 252, 339.
Sylvania canadensis, 28, 41, 43, 46, 52, 103, 104 119, 316, 332.
 mitrata, 28, 139, 199.
 pusilla, 28.
 pusilla pileolata, 223.
Sympemia semipalmata, 158, 312.
 semipalmata inornata, 158.
Syrnium nebulosum, 237, 313.
 nebulosum alieni, 248, 275.

TACHYCYNETA bicolor, 26, 40, 102, 118, 130, 199, 201, 222, 303, 315, 325.
 thalassina, 120, 222.
 Tanager, Scarlet, 24, 25, 42, 45, 101, 324.
 Summer, 240, 324.
Tantalus loculator, 16, 186, 312.
 Taylor, W. E., notice of his catalogue of Nebraska birds, 332.
 Teal, Cinnamon, 160.
 Tern, Caspian, 198.
 Common, 126, 146.
 Forster's, 66.
 Roseate, 127.
Tetrao tetrix, 176.
Thalurania townsendi, 172.
Thamnophilus inornatus, 172.
 intermedius, 172.

 Thorne, P. M., the Olivaceous Flycatcher, and Phœbe in Colorado, 276; *Phalaropus lobatus* and *Phalaropus tricolor*, 336.
 Thrasher, 121.
 Brown, 29, 42, 43, 46, 105, 305.
 Thrush, Alice's, 149.
 Bicknell's, 42, 64, 194.
 Bicknell's Gray-cheeked, 106.
 Eastern Hermit, 46, 107.
 Golden-crowned, 46, 103, 104, 197.
 Hermit, 30, 40, 41, 42, 43, 104, 119, 149, 175, 332.
 Olive-backed, 30, 149.
 Swainson's, 42, 107.
 Wilson's, 29, 46, 106, 149.
 Wood, 24, 29, 40, 42, 43, 46, 106, 204.
Thryophilus sinaloa, 97.
 sinaloa cinereus, 96.
 tenuoptera, 172.
Thryothorus bewickii, 121, 316.
 bewickii bairdi, 240.
 herberti, 172.
 ludovicianus, 29, 120, 240, 305, 316.
 oyanensis, 172.
 rufalbus, 172.
 rufalbus castanotous, 171.
 rufalbus var. poliopleura, 172.
Tigrisoma excellens, 172.
 Titlark, American, 240.
 Titmouse, Black-crested, 241.
 Plumbeous, 241.
 Tufted, 29, 75, 305.
 Torrey, B., the 'booming' of the Bittern, 1; Bicknell's Thrush breeding in Vermont, 194; the Killdeer Plover (*Aegialitis vocifera*) wintering on the New England coast, 274.
Totanus flavipes, 158, 328.
 melanoleucus, 146, 157, 200, 223, 258.
 solitarius, 117, 158, 195.
 Towhee, 24, 25, 41, 42, 43, 45, 101, 142, 280.
 Arctic, 152.
 White-eyed, 323.
 Treat, W. E., a fishing Screech Owl, 189.
Tringa alpina pacifica, 157.
 bairdii, 68, 189.
 canutus, 156, 196.
 fuscicollis, 157, 340.
 maculata, 157, 189, 312.
 maritima, 156, 217.
 minutilla, 146, 157, 223.

- Trochilus anna, 221.
colubris, 23, 44, 53, 77, 99,
 121, 177, 180, 252, 314.
rufus, 221.
violajugulum, 223.
- Troglodytes aëdon, 29, 42, 46, 76,
 105, 316, 339.
aëdon parkmanii, 221.
alascensis, 329.
brunneicollis, 172.
hemalis, 29, 42, 52, 105, 119,
 149, 316, 332.
tecellata, 172.
- Tryngites subruficollis, 136.
- Turdus aliciae, 149.
aliciae bicknelli, 42, 64, 106,
 194.
aoenalschkae auduboni, 223.
aoenalschkae pallasii, 30, 40,
 41, 42, 43, 46, 78, 79, 104,
 106, 107, 119, 141, 149, 175,
 316, 332.
celænops, 182.
fuscescens, 29, 46, 78, 106,
 121, 149.
fuscescens saliciculus, 194.
mustelinus, 24, 29, 40, 42, 43,
 46, 106, 121, 141, 204, 316.
ustulatus swainsonii, 30, 42,
 106, 107, 141, 149.
- Turkey, Wild, 121, 246, 275.
- Turnstone, 129, 159, 340.
- Tympanuchus americanus, 48.
- Tyrannulus reguloides, 172.
- Tyrannus dominicensis, 31, 32, 318.
tyrannus, 23, 44, 53, 77, 78,
 100, 117, 120, 147, 202, 314,
 318.
verticalis, 223.
vociferans, 223.
- URIA lomvia, 145, 213.
ringvia, 145.
troile, 145.
- Urinator imber, 78, 145, 176, 212,
 311.
lumme, 213.
- VIREO allenii, 31.
bellii, 240, 315.
caymanensis, 31.
flavifrons, 26, 77, 315.
gilvus, 24, 26, 45, 79, 102,
 223, 315.
huttoni, 221.
huttoni stephensi, 173.
noveboracensis, 40, 45, 120,
 315.
olivaceus, 24, 26, 45, 74, 77,
 78, 102, 118, 120, 315.
- Vireo philadelphicus, 26, 42, 74, 315.
solitarius, 26, 40, 45, 77, 78,
 102, 118.
solitarius alticola, 52, 122,
 197.
solitarius cassinii, 223.
- Vireo, Bell's, 240.
 Blue-headed, 26, 40, 45, 52,
 102.
 Philadelphia, 26, 42, 74.
 Red-eyed, 24, 26, 45, 74, 102,
 118.
 Solitary, 118.
 Stephens's, 173.
 Warbling, 24, 26, 45, 102.
 White-eyed, 40, 45.
 Yellow-throated, 26.
- Vireolanius pulchellus, 48.
- Volatinia jacarina, 218, 219.
splendens, 218.
- Vulture, Black, 237, 246.
- Turkey, 246.
- WALLOON**, 311.
- Warbler, Bay-breasted, 27, 42, 138.
 Black-and-white, 26, 45, 102,
 130, 131, 148.
 Black-and-yellow, 43, 103,
 104.
 Blackburnian, 27, 42, 45, 51,
 103.
 Black-fronted, 94.
 Blackpoll, 27, 42, 149.
 Black-throated Blue, 27, 41,
 43, 45, 51, 103, 104.
 Black-throated Green, 27, 46,
 51, 74, 103, 118, 149.
 Blue Yellow-backed, 45, 103.
 Blue-winged, 27.
 Brewster's, 304.
 Canadian, 28, 41, 43, 46, 52,
 103, 104, 119, 332.
 Cape May, 27.
 Cerulean, 27.
 Chestnut-sided, 27, 41, 46, 50,
 103.
 Connecticut, 28, 183, 193.
 Golden-cheeked, 174.
 Golden-winged, 27.
 Hooded, 28, 139.
 Kentucky, 28, 139, 304.
 Kirtland's, 75, 279.
 Magnolia, 27, 118, 148.
 Mourning, 28, 42, 43, 103,
 118, 332.
 Myrtle, 27, 148.
 Nashville, 27, 40, 41, 42, 45,
 102, 304.

Warbler, Palm, 28.
 Parula, 27.
 Pine, 28.
 Prothonotary, 26, 195.
 Sycamore, 27.
 Tennessee, 27, 43, 102, 118,
 138, 184.
 Wilson's, 28.
 Worm-eating, 24.
 Yellow, 27, 42, 45, 103, 107,
 118, 130, 148, 240.
 Yellow-rumped, 42, 43, 103,
 118, 279.
 Yellow-throated, 195, 339.
 War-loon, 311.
 Warren, B. H., notice of his 'Report on the birds of Pennsylvania,' 170.
 Washburn, F. L., recent capture of Kirtland's Warbler in Michigan, and other notes, 279.
 Water-thrush, 28, 46, 118, 149.
 Louisiana, 28.
 Waxwing, American, 118.
 Bohemian, 26, 184.
 Cedar, 26, 326.
 Wheatear, 64, 211, 297.
 Whimbrel, 217.
 Whip-poor-will, 22, 44, 99.
 Widgeon, 302.
 American, 302.
 Willet, 158.
 Western, 158.
 Williams, H. S., see Keyes, C. R.
 Woodcock, 178, 179, 313.
 American, 156.
 Woodpecker, Arctic Three-toed, 136.
 Black-backed Three-toed, 117, 183.
 Downy, 22, 44, 52, 99, 117,
 147, 238, 251.
 Golden-fronted, 238.
 Golden-winged, 44, 53, 99,
 202.
 Hairy, 22, 42, 52, 99, 117,
 147, 238.

Woodpecker, Ivory-billed, 251.
 Pileated, 22, 183, 238, 251, 303,
 Red-bellied, 22, 204, 238,
 251, 337.
 Red-cockaded, 251.
 Red-headed, 22, 53, 198, 202,
 238, 251, 340.
 Southern Hairy, 251.
 Texan, 238.
 Yellow-bellied, 43, 53, 99,
 251.
 Wray, R. S., death of, 206.
 Wren, Ashy, 96.
 Baird's, 240.
 Cañon, 240.
 Carolina, 29, 240, 305.
 Golden-crowned, 51.
 House, 29, 42, 46, 76, 105,
 339.
 Long-billed Marsh, 29.
 Rock, 183.
 Winter, 29, 42, 52, 105, 119,
 149, 332.

XANTHOCEPHALUS xanthocephalus, 220.

YELLOWBIRD, 53.
 Yellowbird, Summer, 24.
 Yellow-hammer, 22.
 Yellow-legs, 158.
 Greater, 146, 157, 200.
 Yellow-throat, Maryland, 24, 28, 46,
 53, 104, 119, 149.
ZENAIDA amabilis, 32.
 jessiae, 172.
 rubripes, 19, 21.
 Zenaidura macroura, 40, 44, 53,
 142, 221, 237, 246, 313.
Zonotrichia albicollis, 25, 42, 43,
 78, 101, 118, 148, 183, 315.
 coronata, 221.
 gambeli, 221, 333.
 intermedia, 221, 333.
 leucophrys, 25, 152, 314.
 querula, 150, 329.

ERRATA.

- Page 78, line 5, for *August 11* read *August 1*.
 " 147, " 15, for *hudsonicus* read *hudsonius*.
 " 193, " 22, 36, and page 194, line 13, for *Myiadestes* read *Myadestes*.
 Page 276, line 3 from bottom, for *olivascens* read *olivascens*.
 " 277, " 3, for T. W. THORNE read P. M. THORNE.
 " 293, " 26, for *sinuatus* read *principalis*.