

INDEX TO VOLUME XXXV.

[New generic, specific, and subspecific names are printed in heavy face type.]

- ABBOT**, John, drawings by, 271-286.
Acanthis hornemanni exilipes, 466.
 h. hornemanni, 461.
 linaria, 466.
 l. linaria, 150, 232.
Accipiter bicolor bicolor, 443.
 b. fidens, 444.
 cooperi, 24, 45, 279, 281, 283, 345.
 nisus, 253.
 velox, 24, 45, 279.
Actitis macularia, 22, 43, 331, 446.
Adelomyia melanogenys maculata, 451.
Æchmophorus occidentalis, 42.
Ægialeus, 205.
Ægialitis hiaticula major, 205.
 meloda, 23.
 nivosa, 206, 332.
 semipalmata, 332.
Ægotheles cristata centralia, 368.
 c. melvillensis, 368.
 c. olivei, 368.
 c. tasmanica, 368.
Aeronautes melanoleucus, 235.
Æstrelata diabolica, 202.
 fisheri, 221.
 hasitata, 202.
Æthiopsar fuscus infuscatus, 377.
Æthopyga scheria tonkinensis, 100.
Agapornis madagascariensis ablectanea, 258.
Agelaius gubernator californicus, 209.
 phœniceus californicus, 209.
 p. neutralis, 149.
 p. phœniceus, 137, 280, 281, 347.
 Aix sponsa, 20, 296.
 Alabama, 224.
 Alaska, 221, 387-404.
 Alauda arvensis kibortii, 100.
 Alberta, 489.
 Alcyone azurea distincta, 368.
 a. wallaceana, 368.
 Electroenas nitidissima, 377.
 Allen, Francis H., the Slate-colored Junco breeding near Boston, 482.
 Allen, Glover M., obituary of W. R. Zappey, 263; obituary of Dr. J. C. White, 265.
 Alphapuffinus, 215.
 Aluco pratincola, 25.
 Amazona amazonica tobagensis, 365.
 American Ornithologists' Union, thirty-fifth stated meeting of, 65-73; fellows of, 110; foreign members, 266; members of, 384; associates of, 513.
 Ammodramus savannarum australis, 138, 284, 347.
 s. bimaculatus, 151.
 Ammospiza, 210.
 caudacuta caudacuta, 210.
 c. nelsoni, 210.
 c. subvirgata, 210.
 Amphispiza nevadensis nevadensis, 152.
 Anas fulvigula, 216.
 f. maculosa, 216.
 platyrhynchos, 20, 42.
 rubripes, 20, 350.
 r. tristis, 203.
 Andropadus importunus noomei, 102.

- Anhinga vulsini*, 258.
Anomalospiza butleri, 498.
Anous stolidus, 338.
Anser albifrons, 94.
 gambeli, 94.
Anthoscopus, 500.
Anthreptes hypogrammica intensior, 256.
Anthus rubescens, 156, 212, 281, 304.
 sordidus arabicus, 258.
 s. sokotræ, 258.
 spinoletta rubescens, 212.
Antrostomus carolinensis, 280.
 vociferus vociferus, 27, 300.
Aphelocoma californica, 250.
 c. californica, 481.
 c. hypoleuca, 480.
 c. immanis, 250, 208.
 c. obscura, 250, 481.
 c. ooclepta, 250.
 c. woodhousei, 208.
 cyanotis, 217.
 woodhousei, 208.
Aphriza virgata, 332.
Aquila chrysaetos, 45.
Ara militaris militaris, 447.
Aramides cajanea salmoni, 376.
Aratinga cactorum perpalida, 365.
 frontatus, 447.
 rubrolarvatus, 447.
Archibuteo ferrugineus, 45.
 lagopus sancti-johannis, 45, 351.
Archilochus alexandri, 49.
 colubris, 28, 346, 359.
 'Ardea,' reviewed, 101, 257, 378, 501.
Ardea cinerea firasa, 100.
 herodias herodias, 20, 284, 341.
 h. occidentalis, 204.
 h. olgista, 216.
 h. treganzæ, 42.
 h. wardi, 204.
 occidentalis, 204.
 thula, 204.
Ardenna, 201.
 carneipes, 201.
 creatopus, 201.
 gravis, 201.
Arenaria interpres interpres, 439.
 i. morinella, 332, 341.
 melanocephala, 333.
Argyrocyx, 368.
Arquatella maritima couesi, 328.
 m. maritima, 233.
 Arthur, Stanley C., review of his 'Birds of Louisiana,' 247.
Asio accipitrinus, 345.
 asio wilsonianus, 207.
 flammeus, 25, 46, 223, 298, 345.
 wilsonianus, 25, 46, 183, 297, 345, 207.
Astragalinus psaltria arizonæ, 217.
 p. croceus, 462.
 p. mexicanus, 217.
 tristis pallidus, 150.
 t. tristis, 137, 279, 347.
Astur atricapillus, 185, 206.
 a. atricapillus, 24, 351.
 a. striatulus, 45.
 gentilis atricapillus, 206.
 g. striatulus, 186, 206.
 palumbarius, 253.
Asyndesmus lewisi, 49.
Attagis gayi fitzgeraldi, 256.
 g. simonsi, 256.
 Audubon, John J., uncolored prints of his bird plates, 29-32; notice of life of, 86-89; 'Ornithological Biography,' 360.
 Australia, 97, 246, 368, 490.
 'Austral Avian Record' reviewed, 499.
 'Avicultural Magazine,' reviewed, 100, 256, 377, 500.
Avocet, 235, 327, 372.
ВЪЛОПНУС bicolor, 146, 279, 343.
 inornatus murinus, 213.
 wollweberi, 214.
 w. annexus, 214.

- Bailey, Florence M., notice of her 'List of Birds of Glacier National Park,' 492.
- Baldpate, 42, 74, 238, 340.
- Baneroft, W. F., notice of his 'Directory of Officials and Organizations Concerned with the Protection of Birds and Game, 1918,' 496.
- Bangs, Outram, notice of his 'Notes on the Geographical Races of *Tangara gyroloides*,' 490.
- Bangs, Outram and Noble, G. K., notice of their 'Description of a New Woodpecker from Peru,' 490; list of birds collected on the Harvard Peruvian Expedition of 1916, 442-463.
- Bangs, Outram and Penard, Thomas E., notice of their 'Notes on a collection of Surinam Birds,' 369.
- Bannermania, 216.
- Barbour, Robert, scarcity of birds in the spring migration of 1918, 484.
- Bartramia longicauda, 22, 43.
- Batchelder, Charles F., notice of his 'Two Undescribed Newfoundland Birds,' 248.
- Batten, George, obituary notice of, 264.
- Bayliss, Clara K., a study of the Yellow-billed Cuckoo, 161-164.
- Beebe, William, review of his 'Tropical Wild Life in British Guiana,' 91-93.
- Belding, Lyman, obituary of, 106.
- Bent, A. C., *Pterodroma gularis* in North America, 221.
- Bergtold, W. H., the Harpy Eagle in Colorado, 77-78.
- Bird Conservation, notice of reports on, 97, 249, 370.
- Bird Song, 133-135.
- Birds as distributors of Hog Cholera, 253.
- 'Bird-Lore,' reviewed, 98, 254, 374, 497.
- Bittern, 20, 42, 345, 477, 484.
Least, 20, 341.
- Blackbird, Brewer's, 150, 347.
Red-winged, 137, 238, 347.
San Diego Red-winged, 149.
Yellow-headed, 81, 149, 224.
- Bluebird, 147, 349.
Mountain, 159.
Western, 159.
- Bobolink, 136, 346.
- Bob-white, 23, 43.
- Bombycilla cedrorum, 140, 154, 212, 281.
garrula, 81, 154, 226.
g. pallidiceps, 212.
- Bonasa umbellus togata, 44.
u. umbellus, 23.
- Booby, 337.
Red-faced, 337.
- Botaurus lentiginosus, 20, 42, 345, 477, 484.
- Bowdish, B. S., Noddy Tern in Porto Rico, 507.
- Bowles, J. H., the Limicolæ of the state of Washington, 326-333.
- Brachyramphus craverii, 215.
hypoleucus, 215.
- Brachyospiza capensis peruviana, 462.
- Braislin, William C., an American edition of Audubon's 'Ornithological Biography,' 360-362.
- Brannon, Peter A., the Starling in Montgomery, Alabama, 224.
- Branta bernicla bernicla, 204.
b. collaris, 204.
b. glaucogastra, 204.
- Brennen, George A., Sharp-tailed Grouse at Tremont, Indiana, 75.
- Brewster, William, the European Widgeon in Massachusetts, 75;

- nesting of the Red Crossbill (*Loxia curvirostra minor*) in Essex County, Massachusetts, 225; the subspecific name of the Northern Parula Warbler, 228.
- 'British Birds,' reviewed, 100, 256, 377, 499.
- British Columbia, 234.
- British Guiana, 91-93.
- British Ornithologists' Club, review of 'Bulletin,' 100, 256, 376, 498.
- British Ornithologists' Union, annual meeting of, 512.
- Brockway, Arthur W., large flight of Great Horned Owls and Goshawks at Hadlyme, Connecticut, 351.
- Brooks, W. Sprague, Massachusetts notes, 234.
- Brown, E. J., *Melospiza melodia phaë* in southern California, 350.
- Bubo virginianus heterocnemis, 233.
v. lagophonus, 47.
v. pallescens, 47.
v. subarcticus, 217.
v. virginianus, 26, 298.
v. wapacuthu, 217.
- Buffle-head, 42, 340.
- Bunting, Indigo, 139, 359.
Lazuli, 153.
Painted, 281.
Snow, 241.
- Burleigh, Thomas D., breeding of the Pied-billed Grebe (*Podilymbus podiceps*) near State College, Center Co., Pa., 218; the Hudsonian Chickadee (*Penthestes hudsonicus subsp.?*) in northeastern Pennsylvania, 230.
- Buteo borealis borealis, 24.
b. calurus, 45.
b. krideri, 345.
b. umbrinus, 207.
lineatus alleni, 281, 283.
l. lineatus, 24.
platypterus, 24, 283.
- Buteo p. iowensis, 207, 478.
swainsoni, 45.
vulgaris, 253.
- Buteola, 207.
brachyura, 207.
- Butorides virescens virescens, 21, 85, 296.
- Calamanthus campestris peroni, 100.
- Calcarius lapponicus lapponicus, 342.
- Calidris leucophæa, 205, 330.
l. rubida, 205.
- California, 94, 250, 321-326, 350.
- Calonectris, 201.
kuhlii borealis, 201.
- Calyptophilus, 256.
- Campephilus principalis, 285.
- Camptostoma sclateri, 454.
- Canada, 479.
- Cardinal, 139, 342, 359.
- Cardinalis, 499.
cardinalis cardinalis, 139, 283, 342, 359.
- Carpodacus mexicanus obscurus, 209.
purpureus purpureus, 137, 341.
- Cary, Merritt, notice of his 'Life Zone Investigations in Wyoming,' 96.
- 'Cassinia' for 1917, reviewed, 369.
- Catamenia homochroa, 462.
- Catbird, 145, 156, 348.
- Catharista urubu, 233.
- Cathartes aura septentrionalis, 23, 45, 84, 297, 341.
- Catoptrophorus semipalmatus inornatus, 331.
- Centrocercus urophasianus, 44.
- Centurus carolinus 27, 285, 359.
radiolatus, 495.
uropygialis brewsteri, 208.
- Ceophlæus lineatus lineatus, 450.
- Cephalopterus ornatus, 453.
- Cephus snowi, 215.
- Cerchneis sparverius caucæ, 445.

- Cerchneis tinnunculus*, 253.
- Cercomacra cinerascens immaculata* 498.
 t. saturata, 498.
 t. pallescens, 498.
- Certhia brachyactyla*, 464.
 familiaris, 464.
 f. americana, 146, 282, 464.
 f. montana, 156.
- Ceryle alcyon*, 184, 283, 355.
 a. alcyon, 26, 234.
- Ceycalcyon*, 368.
- Ceycoides*, 368.
- Chætura pelagica*, 28, 284, 346.
 vauxi, 49, 235.
- Chalcopteryx singalensis koratensis*, 376.
- Chamæpetes fagani*, 100.
- Chamæpelia passerina terrestris*, 282.
- Chapman, F. M., review of his 'Distribution of Bird Life in Colombia,' 242-243; awarded the Elliot medal, 512.
- Charadrius dominicus dominicus*, 43, 332.
 hiaticula septentrionalis, 205.
 melodus, 205.
 semipalmatus, 205.
- Charitonetta albeola*, 42, 340.
- Chat, Long-tailed, 155.
 Yellow-breasted, 144.
- Chen, 123.
 coerulescens, 222, 438.
 hyperboreus hyperboreus, 437.
 h. nivalis, 234.
- Chickadee, 146.
 Carolina, 146.
 Chestnut-backed, 158.
 Hudsonian 230, 231, 343.
 Labrador, 37, 83, 306.
 Long-tailed, 157.
 Mountain, 157, 379.
- Childs, John Lewis, notice of the catalogue of his library, 93.
- Chile, 249.
- China, 246, 370.
- Chizocerhis*, 500.
- Chloroceryle*, 353.
 americana cabanisi, 450.
- Chlorocenas œnops*, 446.
- Chloropetella suahelica*, 102.
- Chloropsis aurifrons inornatus*, 376.
- Chondestes grammacus grammacus*, 138.
 g. strigatus, 151.
- Chondrohierax uncinatus megarhynchus*, 445.
- Chordeiles minor aserriensis*, 208.
 m. chapmani, 208.
 m. henryi, 208.
 m. hesperis, 208.
 m. howelli, 208.
 m. minor, 208.
 m. sennetti, 208.
 virginianus hesperis, 49.
 v. virginianus, 28, 280.
- Chrysoptilus atricollis lymani*, 450, 490.
- Chrysotrogon caligatus*, 480.
- Chuck-will's-widow, 280.
- Circus cyaneus hudsonius*, 206.
 hudsonius, 23, 206, 345.
- Cirripidesmus*, 205.
 mongolus, 206.
- Cisticola cisticola arabica*, 258.
- Cistothorus stellaris*, 145, 284, 305.
- Clangula clangula americana*, 296.
- Clark, Hubert Lyman, tail feathers and their major upper coverts, 113-123; notes on the anatomy of the Cuban Trogon, 286-289; the pterylosis of the Wild Pigeon, 416-420.
- Clarkona, 97.
- Coale, Henry K., Summer Tanager (*Piranga rubra rubra*) in north-western Illinois, 226.
- Coccyzus americanus americanus*, 26, 283.
 erythrophthalmus, 26, 283.
 minor nesioties, 208.

- Cœreba magnirostris*, 459.
Colaptes auratus auratus, 285.
 a. luteus, 27, 346.
 cafer collaris, 49.
 c. rufopileus, 208.
 rufopileus, 208.
 Cole, L. J., feather pigments, 105.
Colibri iolatus brevipennis, 366.
Colinus virginianus virginianus, 23, 43.
 Colombia, 240, 242.
 Colorado, 77-79, 81-82, 223, 229, 236.
Columba anolaima, 256.
 ogilvie-granti, 100.
Colymbus auritus, 218.
 nigricollis californicus, 234.
 Comey, Arthur C., Black-poll Warbler lingering in Massachusetts, 82.
Compsocoma sumptuosa sumptuosa, 459.
Compsothlypis americana americana, 284.
 a. pusilla, 228.
 a. usneæ, 142, 228.
 'Condor, The,' reviewed, 99, 255, 375, 497.
 Connecticut, 229, 232, 340-344, 351.
Conopophaga aurita occidentalis, 256.
 peruviana, 451.
 Cooke, M. T., notes from the vicinity of Washington, D. C., 483.
 Coot, 22, 42.
 Copeland, Ada B., Bohemian Waxwing in Grand Junction, Colo., 81.
Coprotheres pomarinus camtschaticus, 200.
 p. pomarinus, 200.
 Cormorant, Double-crested, 340.
 Florida, 357.
Corthylio calendula cineraceus, 214.
Corvus brachyrhynchus brachyrhynchus, 136, 246.
 b. hesperis, 149.
 corax clarionensis, 209, 503.
 euophilus, 502.
 c. principalis, 136, 503.
 c. sinuatus, 149, 503.
 ossifragus, 136.
 Cory, Charles B., review of his 'A Catalogue of Birds of the Americas,' 365.
Coryphospingus cucullatus, 462.
Corythopsis torquata sarayacuensis, 376.
Coturnix coturnix, 102.
 c. confissa, 102.
 c. conturbans, 102.
 c. inoperata, 102.
 Cowbird, 137, 347.
 Nevada, 149.
 Crane, Sandhill, 42.
Creciscus jamaicensis, 21, 85.
 Creeper Brown, 146.
 Rocky Mountain, 156.
 Crinifer, 500.
 Crossbill, Red, 137, 225, 301.
 White-winged, 236, 301, 342.
 Crow, 136, 247, 346, 405-416.
 Fish, 136.
 Western, 149.
Cryptoglaux acadica, 351.
 a. acadica, 26, 47, 298.
 funerea richardsoni, 217, 298.
 tengmalmi richardsoni, 217.
Crypturellus tataupa incops, 445.
 Cuckoo, Black-billed, 26.
 Yellow-billed, 26.
 Curlew, Hudsonian, 331, 438.
 Long-billed, 43, 331.
Cyanoceyx, 368.
Cyanocitta cristata cristata, 136, 346.
 c. florincola, 359.
 stelleri annectens, 148.
Cyanocorax mysticalis, 457.
Cyanopica cyanus interposita, 258.
Cyclarhis coutrerasi, 458.

- Cyclarhis virenticeps*, 458.
Cymbilaimus lineatus intermedius, 258.
Cymochoorea, 216.
- DACNIS *cayana glaucogularis*, 459.
Dafila acuta, 238.
Dendragapus obscurus richardsoni, 44.
Dendrocygna viduata, 216.
Dendrocygninae, 203.
Dendroica aestiva aestiva, 142, 155, 282, 348.
 a. amnicola, 248.
 auduboni auduboni, 155.
 cærulescens cærulescens, 142.
 castanea, 343.
 cerulea, 142.
 coronata, 383, 465.
 c. hooveri, 465.
 discolor, 143, 284, 343.
 dominica albilora, 485.
 d. dominica, 283.
 fusca, 143.
 magnolia, 142, 441.
 palmarum hypochrysea, 283.
 p. palmarum, 232.
 pensylvanica, 142, 282.
 striata, 284, 303.
 tigrina, 285, 303, 343.
 townsendi, 155.
 virens, 143, 282, 441.
 vigorsi, 143, 280.
- Dicaeum cruentatum siamensis*, 376.
 trigonostigma megastoma, 498.
Dice, Lee Raymond, the birds of Walla Walla and Columbia Counties, southeastern Washington, 40-51, 148-159.
Dickcissel, 348.
Dicrurus annectens siamensis, 376.
 ater, 502.
 leucophaeus, 502.
Dictiopicus, 245.
Diglossopsis cærulescens pallida, 458.
- Diomedea sanfordi*, 249.
 chionoptera, 249.
Dionne, C. E., the Whistling Swan at Cap St. Ignace, P. Q., 222.
 District of Columbia, 85, 351, 366, 483.
Dixon, Joseph, the nesting grounds and nesting habits of the Spoon-billed Sandpiper, 387-404.
Dolichonyx oryzivorus, 136, 281, 346.
Dove, Mourning, 23, 344.
 Porto Rica, 339.
 Western Mourning, 44.
 White-winged, 76.
Dowitcher, Long-billed, 235, 328.
Dryobates borealis, 281.
 pubescens homorus, 48.
 p. medianus, 27, 223, 236.
 p. pubescens, 285, 359.
 villosus auduboni, 281, 359.
 v. monticola, 48.
 v. villosus, 26.
Duck, Black, 20.
 Harlequin, 437.
 Lesser Scaup, 20, 372.
 Wood, 20, 296.
Ducks, sickness of, 490.
Dumetella carolinensis, 145, 156, 280, 348, 359.
Dunlop, Eric B., obituary notice of, 266.
Dutch Guiana, 369.
Dysithamnus semicinerus, 452.
Dwight, Jonathan, a new species of Loon (*Gavia viridigularis*) from northeastern Siberia, 196-199; sight records, 262; review of his 'The geographic Distribution of Color and other variable Characters in the genus Junco,' 486-489.
- EAGLE, Bald, 25, 78.
 Harpy, 77, 78.
Economic Ornithology, recent papers on, 253, 372-374, 496.

- Economic ornithology in recent entomological publications, 251-253, 493-494.
- Ectopistes migratorius, 23, 282, 416-420.
- Edolisoma, 256.
- Egret, 438.
- Egretta candidissima, 204.
thula thula, 204.
t. brewsteri, 204.
- Eider, 499.
- 'El Hornero,' reviewed, 378, 384.
- Elaeoa leucospodia, 454.
- Elanoides forficatus, 285.
- Elseya, 206.
dubia, 206.
- Embernagra gossei, 255.
platensis, 255.
- Empidochanes pœcilurus peruanus, 455.
- Empidonax difficilis, difficilis, 51.
flaviventris, 28, 301.
hammondi, 51.
minimus, 29, 346.
trailli, 259.
t. alorum, 28, 259.
t. brewsteri, 259.
t. trailli, 51, 259.
virescens, 29, 232.
wrighti, 51.
- 'Emu, The,' reviewed, 100, 257, 377.
- Eno, Henry Lane, Hudsonian Chickadee (*Penthestes hudsonicus* subsp.?) at Princeton, N. J., 231.
- Eos guenbyensis, 379.
reciniata, 379.
- Epthiaura crocea, 100.
- Ereunetes mauri, 329.
- Erionotus albiventris, 452.
- Erismaturinæ, 203.
- Erolia ferruginia chinensis, 204.
eroliinæ, 204.
- Estrilda astrild gabonensis, 498.
- Eudyptila undina, 257.
- Eupelia cruziana, 447.
- Euphagus carolinus, 251, 284, 285.
cyanocephalus, 150, 347.
- Eupsittula pertinax margaritensis, 365.
- Eupsychortyx, 245.
- Eurynorhynchus pygmaeus, 387-404.
- FALCO æsalon, 216.
columbarius columbarius, 46, 439.
diroleucus, 445.
mexicanus, 45.
peregrinus, 253.
p. anatum, 25.
regulus, 216.
sparverius sparverius, 25, 46, 282, 297, 345.
- Falcon, Prairie, 45.
- Finch, Purple, 137, 341.
- Finsch, Friedrich Hermann Otto, obituary notice of, 381.
- Fisher, A. K., obituary notice of George Batten, 264; occurrence of Goshawks (*Astur a. atricapillus*) and Saw-whet Owl (*Cryptoglaux acadicus*) in the vicinity of Washington, D. C., 351.
- Flicker, Northern, 27, 346.
Red-shafted, 49.
- Florida, 357, 479.
- Florida cærulea, 75.
- Flycatcher, Acadian, 29, 232.
Alder, 28.
Crested, 28, 346, 354, 439.
Hammond's, 51.
Least, 29, 346.
Olive-sided, 28, 51.
Traill's, 51.
Western, 51.
Wright's, 51.
Yellow-bellied, 28, 301.
- Francolinus lathamii schubotzi, 259.
- Fratercula arctica arctica, 200.
a. deleta, 200.

- Fregata, 203.
 aquila, 203.
 magnificens, 338.
 m. rothschildi, 203.
 minor palmerstoni, 203.
 Fry, William, notice of his 'List of Birds of Sequoia National Park,' 492.
 Fulica americana, 22, 42.
 Furnarius cinnamomeus, 453.
 leucopus hauxwelli, 498.
 GABRIELSON, Ira N., notice of his 'A List of the Birds of Clay and O'Brien Counties, Iowa,' 370.
 Gallinago delicata, 22, 42, 328.
 Gallinula galeata, 22, 284.
 Gallinule, Florida, 22.
 Ganier, A. F., notice of his 'Preliminary List of the Birds of Tennessee,' 93.
 Garrulax moniliger fuscata, 377.
 Gates, F. C., notice of his 'Birds of Carthage, Illinois,' 94.
 Gavia arctica arctica, 196.
 a. suschkini, 196.
 immer, 19, 294.
 stellata, 219, 235.
 viridigularis, 198.
 Gee, N. Gist, and Moffett, L. I., notice of their 'Birds of the Lower Yangtse Valley,' 246.
 Gelochelidon nilotica, 215.
 anglica, 215.
 Georgia, 76, 271-286, 485.
 Geositta peruviana paytæ, 452.
 Geothlypis trichas brachydactyla, 212.
 t. ignota, 280.
 t. occidentalis, 155.
 t. trichas, 144, 484.
 beldingi goldmani, 212.
 Geranospiza niger balzarensis, 376.
 Glaucidium gnoma californicum, 48.
 g. hoskinsi, 208.
 hoskinsi, 208.
 Glaucidium jardinii, 449.
 Glaucomorpha, 102.
 Glottis melanoleuca, 205.
 Gnatcatcher, Blue-gray, 146, 484.
 Goelitz, Walter A., the destruction of nests by farming operations in Saskatchewan, 238-240.
 Golden-eye, 372.
 American, 296.
 Goldfinch, 137, 347.
 Pale, 150.
 Goose, Blue, 222, 438.
 Canada, 238.
 Greater Snow, 234.
 Snow, 437.
 White-fronted, 94.
 Goshawk, 24, 241, 351, 372, 478.
 Western, 45.
 Goudot, Justice, historical sketch of, 240.
 Grackle, Bronzed, 137, 440.
 Florida, 440.
 Purple, 137, 440.
 Grallaria albiloris, 452.
 punensis, 376.
 Grallaricula nana kukenamensis, 498.
 Graucalus macei siamensis, 377.
 Grebe, Eared, 234.
 Horned, 218.
 Pied-billed, 19, 218, 294.
 Western, 42.
 Grinnell, George Bird, Blue Goose on Long Island, 222.
 Grinnell, Joseph, notice of his 'The Name of the American Barn Swallow,' 491; concerning a certain tendency in systematic ornithology, 491.
 Griscom, Ludlow, the Starling at Plattsburg, N. Y., 481.
 Grosbeak, British Columbia, Evening, 150.
 Black-headed, 153, 235.
 Evening, 170-181.
 Pine, 241, 355.

- Grosbeak, Rose-breasted, 139, 348, 359.
- Grouse, Canada Ruffed, 44.
Columbian Sharp-tailed, 44.
Richardson's, 44.
Ruffed, 23.
Sharp-tailed, 75, 376.
- Grus, 204.
canadensis mexicana, 204.
mexicana, 42, 204.
- Guara alba, 285.
- Guiraca cærulea cærulea, 285.
- Gull, Franklin's, 494.
Glaucous, 221, 233.
Herring, 295.
Ivory, 220.
Kumlien's, 233.
Laughing, 19, 338, 340.
Nelson's, 349.
Ring-billed, 241, 340.
- Guttera edouardi symonsi, 102.
- Gyldenstolpe, Nils, notice of recent papers by, 96.
- Gymnopelia cecilioe, 379.
c. gymnops, 256.
erythrothorax, 379.
- HEMATOPUS *bachmani*, 333.
*palliatu*s, 338.
quoyi, 379.
townsendi, 379.
- Haliæetus albicilla, 207.
a. brooksi, 207.
leucocephalus leucocephalus, 25, 78.
- Hapalocercus meloryphus fulviceps, 452.
- Harelda hyemalis, 85.
- Harlow, Richard C., notes on the breeding birds of Pennsylvania and New Jersey, 18-29, 136-147.
- Harper, Francis, the White-winged Dove (*Melopelia asiatica*) in Georgia, 76.
- Harris, Harry, uncolored prints from Havell's engravings of Audubon's 'Birds of America,' 29-32.
- Hawk, Broad-winged, 24.
Cooper's, 24, 45, 345.
Krider's, 345.
Marsh, 23, 238, 345.
Pigeon, 46, 439.
Red-shouldered, 24.
Red-tailed, 24.
Rough-legged, 45, 351.
Sharp-shinned, 24, 43.
Sparrow, 25, 46, 297, 345.
Swainson's, 45.
Western Redtailed, 45.
Duck, 25.
- Hawaii, 349.
- Hawkins, Chauncey J., sexual selection and bird song, 421-437.
- Hazard, Rowland Gibson, obituary notice of, 264.
- Heleodytes balteatus, 456.
fasciatus, 457.
- Helicolestes, 370.
- Helinaia swainsoni, 236.
- Heliochera rufaxilla, 453.
- Helmitheros vermivorus, 141, 285.
- Helodromas solitarius solitarius, 22, 280.
- Hemipuffinus, 201.
- Hemisula, 216.
- Hemithraupis guira guira, 461.
- Herodias egretta, 438.
- Heron, Black-crowned Night, 21, 85, 297.
Great Blue, 20, 341.
Green, 21, 85, 296.
Little Blue, 75.
Treganza's Blue, 42.
Yellow-crowned Night, 438, 477.
- Herpetotheres cachinnans **maestus**, 444.
- Herpornis xantholeuca interposita, 256.
- Herrick, Francis H., review of his 'Audubon the Naturalist,' 86-89.

- Hesperiohona vespertina brooksi*, 150, 209.
v. californica, 209.
v. vespertina, 170-181, 341.
v. warreni, 209.
- Heteractitis incanus*, 331.
- Heterospizias meridionalis*, 444.
- Himantopus mexicanus*, 372.
- Hirundo erythrogastra*, 140, 154, 212, 348, 491.
e. palmeri, 217.
rustica erythrogastris, 212.
- Histrionicus histrionicus*, 437.
- Hog Cholera distributed by birds, 253, 495.
- Hollister, N., notice of his 'The Yellow Rail in the District of Columbia,' 502.
- Holt, Ernest G., birds and mulberries, 359.
- Howell, A. H., the Rough-legged Hawk (*Archibuteo lagopus sanctijohannis*) at Washington, D. C., 351; a Crested Flycatcher injured by swallowing a grasshopper, 356.
- Hubbs, Carl L., the distribution of Nuttall's Sparrow in California, 321-326.
- Hummingbird, Black-chinned, 49.
Calliope, 50.
Ruby-throated, 28, 79, 346.
Rufous, 49.
- Hydrochelidon nigra surinamensis*, 483.
- Hyalocichla aliciae bicknelli*, 486.
fuscescens fuscescens, 147, 281, 359.
f. salicicola, 83.
guttata pallasi, 147.
g. polionota, 375.
mustelina, 146, 237, 282, 359.
ustulata, 158.
u. swainsoni, 147, 158, 280.
u. ustulata, 483.
- Hyopezas macularia macconelli*, 498.
- Hypocnemoides*, 370.
- Hypoxanthus rivolii brevirostris*, 450.
- IBICTER *megalopterus*, 443.
 'Ibis, The,' reviewed, 99, 255, 376, 498.
- Ibis, Glossy, 476.
- Icteria virens longicauda*, 155.
v. virens, 144, 359.
- Icterus bullocki*, 150.
galbula, 137, 347, 359.
mesomelas taczanowskii, 459.
parisorum, 481.
spurius, 137, 285, 359.
- Ictinia mississippiensis*, 283.
- Ictinaëtus*, 255.
- Iliornis*, 205.
flavipes, 205.
- Illinois, 94, 226, 234, 477.
- Indiana, 75, 228, 477.
- Irena cyanea megacyanea*, 102.
- Irenidæ*, 102.
- Iridoprocne bicolor*, 140.
- Irrisor, 500.
- Ispidella*, 368.
- Ixobrychus exilis*, 20, 341.
sinensis astrologus, 501.
- Ixoreus naevius naevius*, 159.
- JACANA *spinosa*, 206.
s. gymnostoma, 206.
s. violacea, 206.
- Jaeger, Long-tailed, 233, 234.
- Jay, Blue, 136, 252, 346, 493.
 Black-headed, 148.
 Florida, Blue, 359.
 Rocky Mountain, 149.
- Jensen, J. K., subsequent nestings, 83-84; notes on the nesting birds of Wahpeton, North Dakota, 344-349.
- Junco, 486.
aikeni, 357.
caniceps, 211.
dorsalis, 486.
hyemalis carolinensis, 211.

- Junco h. connectens*, 210.
 h. hyemalis, 139, 211, 280, 342, 482.
 h. shufeldti, 152, 486.
 montanus, 486.
 oreganus annectens, 211.
 o. couesi, 486.
 o. mearnsi, 211.
 o. montanus, 211.
 o. oreganus, 211.
 o. pinosus, 211.
 o. shufeldti, 211.
 o. thurberi, 211.
 o. townsendi, 211.
 phaenotus caniceps, 211.
Junco, Shufeldt's, 152.
 Slate-colored, 139, 342, 482.
 White-winged, 357.
 Justice, Henry, obituary notice of, 266.
- KALMBACH, E. R., review of his 'The Crow and its Relation to Man,' 246.
 Kennard, Frederic H., ferruginous stains on water-fowl, 123-132.
 Killdeer, 22, 43, 238, 332, 341, 344.
 Kingbird, 28, 346.
 Cassin's, 493.
 Arkansas, 346.
 Eastern, 50.
 Western, 50.
 Kingfisher, Belted, 26, 184, 234, 345.
 Western Belted, 48.
 Kinglet, Golden-crowned, 146, 369.
 Ruby-crowned, 58, 344.
 Western Golden-crowned, 158.
 Kittiwake, 294.
 Knot, 328.
- LABRADOR, 367.
 Lamb, Charles R., Massachusetts notes, 233.
Lanivireo flavifrons, 141, 284.
 solitarius alticola, 441.
- Lanivireo s. cassini*, 155.
 s. solitarius, 141, 285, 343.
Lanius borealis, 154.
 b. invictus, 212.
 ludovicianus excubitorides, 154, 348.
 l. ludovicianus, 280.
 l. migrans, 140, 237.
 Lark, Desert Horned, 239.
 Dusky Horned, 148.
 Pallid, 148.
 Prairie, Horned, 136.
Larus affinis, 201.
 argentatus, 220, 295.
 a. thayeri, 201.
 atricilla, 19, 201, 338, 340.
 a. megalopterus, 201.
 delawarensis, 240, 241.
 fuscus affinis, 201.
 glaucescens, 350.
 hyperboreus, 221, 233.
 h. barrovianus, 472.
 h. hyperboreus, 467.
 kumlieni, 220, 233.
 leucopterus, 220.
 nelsoni, 349.
 ridibundus, 201.
 thayeri, 201.
 Legge, Col. W. V., obituary notice of, 510.
 Leopold, Nathan F., Jr., Yellow-crowned Night Heron at Chicago, 477.
Lepidopyga goudoti zuliae, 366.
Leptophaethon, 202.
 atesbyi, 202.
Leptopogon superciliaris poliocephalus, 454.
 s. transandinus, 454.
Leptoptila intermedia, 256.
Leptositta, 213.
Leptotila decolor, 447.
Leucopolius, 205.
 alexandrinus nivosus, 205.
Leucotreron epia, 379.
 gularis, 379.

- Limnogeranus americanus*, 204.
Limosa, 204.
 fedoa, 330.
Linurgus elgonensis, 502.
Lioptilus alyssinicus ansorgei, 498.
Lloyd, Hoyes, the extraction of fat from bird-skins, 164-169.
Lincoln, F. C., the Harpy Eagle in Colorado, 78; notes on some species new to the Colorado list of birds, 236; notice of his 'The Woodpeckers of Colorado,' 368.
Lobipes lobatus, 75, 327.
Lochmias nematura castanonota, 498.
Longspur, Chestnut-collared, 238.
 Lapland, 342.
Loomis, Leverett M., review of his, 'A Revision of the Albatrosses, Petrels, and Diving Petrels', 362-364.
Loon, 19, 294.
 Red-throated, 219, 235.
Lophodytes cucullatus, 20, 295.
Lophortyx californica catalinensis, 206.
Loxia curvirostra bendirei, 209.
 c. minor, 137, 225, 281, 301.
 leucoptera, 236, 301, 342.
McATEE, W. L., early bird records for the vicinity of Washington, D. C., 85; cause of the "fishy" flavor of the flesh of wild ducks, 474; review of his 'A Sketch of the Natural History of the District of Columbia,' 366; notice of his 'Attracting Birds to Public Parks,' 474-476.
McGregor, Richard C., notice of his 'New or Noteworthy Philippine Birds, II,' 370.
McHatton, Henry, obituary notice of, 107.
Macreuse, 499.
Macrorhamphus griseus scolopaceus, 235, 328.
Magpie, 148, 493.
Maine, 170-181, 220, 224, 353.
Man-o'-war-bird, 338.
Marcres, George M., an attempt to breed the Pine Grosbeak in captivity, 255.
Mareca americana, 42, 340.
 penelope, 75.
Margarops fuscatus fuscatus, 339.
Marila affinis, 20.
Martin, Purple, 140, 301, 348.
Massachusetts, 37-40, 75, 80, 81, 82, 182-185, 219, 223, 224, 225, 233, 234, 405-416, 482.
Mathews, Gregory M., notice of his 'The Birds of Australia,' 97, 246, 368, 490.
Meadowlark, Western, 149, 238, 347.
Mearns, Edgar Alexander, biographical sketch of, 1-18.
Melanerpes erythrocephalus, 27, 84, 232, 285, 299, 341, 345, 359.
Melanoperdix nigra borneensis, 100.
Meleagris gallopavo, 358.
 g. silvestris, 23.
Melopelia asiatica asiatica, 76.
Melospiza georgiana, 139, 282.
 lincolni gracilis, 211.
 l. lincolni, 342.
 l. striata, 211.
 melodia fallax, 211.
 m. inexpectata, 187, 211.
 m. melodia, 139, 283, 347, 359.
 m. merrilli, 153.
 m. montana, 211.
 m. phæa, 350.
 m. saltonis, 211.
Merganser, 20, 42.
 American, 295.
 Hooded, 20, 295.
 Red-breasted, 183, 295.

- Mergus americanus*, 20, 42, 295.
serrator, 183, 295.
- Meriden Bird Club, notice of its third report, 96.
- Merwin, Mabel Melcalf, Common Tern nesting at Thousand Islands, 74.
- 'Messenger Ornithologique,' reviewed, 101.
- Mexico, 248.
- Michigan, 75, 350, 489.
- Micralcyone pusilla yorki*, 368.
- Microhierax*, 255.
- Micrositta*, 213.
- Migration, 484, 492.
- Miller, Richard F., nesting of the Bittern (*Botaurus lentiginosus*) in the Delaware Valley, 477; early nesting of the Northern Pileated Woodpecker in Pennsylvania, 479.
- Miller, W. DeW., *Megaceryle* vs. *Streptoceryle*, 352; the systematic position of *Calyptophilus*, 356; relative length of the intestinal cæca in Trogons, 480.
- Micrastur plumbeus*, 376.
- Milvago chimango*, 376.
- Mimus longicaudatus punensis*, 456.
polyglottos polyglottos, 144, 229, 282, 359.
- Mionectes striaticollis poliocephalus*, 454.
- Mirafra africanoides harei*, 102.
- Mixornis capitalis*, 503.
rubricapilla connectens, 376.
- Mniotilta varia*, 141, 280.
- Mockingbird, 144, 229.
- Moffett, L. I., see Gee, N. Gist.
- Molothrus ater ater*, 137, 347.
a. artemisiæ, 149, 209.
bonariensis occidentalis, 459.
- Montana, 492.
- Monticola rufocinerea sclateri*, 258.
- Moss, Charles B., King Rail (*Rallus elegans*) in Massachusetts, 223.
- Morus*, 203.
bassanus, 203.
- Mousley, H., the breeding of the Migrant Shrike at Hatley, Stanstead County, Quebec, 1916, 33-36; Labrador and Acadian Chickadees at Hatley, Stanstead County, Quebec, 83; uncommon birds at Hatley, Stanstead County, Quebec, 84; subsequent nestings, 237; unusual dearth of winter birds, 241; further notes and observations on the birds of Hatley, Stanstead County, Quebec, 1916-1917, 289-310.
- Moustache, 499.
- Mullens, W. H. and Swann, H. Kirk, notice of their 'A Bibliography of British Ornithology,' 98.
- Munroe, J. A., Short-eared Owl (*Asio flammeus*) eating birds, 223; notes on some British Columbia birds, 234.
- Murphy, Robert C., notice of his 'Natural History Observations from the Mexican Portion of the Colorado Desert,' 248; notice of his 'A Study of the Atlantic Oceanites,' 364.
- Murre, Brünnich's, 241, 294, 340.
- Myadestes townsendi*, 158.
- Mycteria americana*, 285.
- Myiarchus atriceps*, 455.
cephalotes, 455.
crinitus, 28, 284, 346, 354, 359, 439.
crinitus residuus, 208.
ferox phæcephalus, 453.
semirufus, 455.
tyrannulus chlorepsciscus, 455.
- Myiobius villosus*, 455.

- Myiobius cinnamomeus cinnamomeus*, 455.
Myioborus verticalis verticalis, 458.
Myiochanes fumigatus ardesiacus, 455.
 punensis, 455.
 richardsoni richardsoni, 51.
 virens, 28, 283, 346.
Myiophobius fasciatus saturatus, 455.
Myiospiza aurifrons, 462.
Myiotheretes striaticollis, 453.
Myiozetetes similis connivens, 454.
Myrmophila vavasoori, 498.
- NANNUS *hiemalis hiemalis*, 145, 156.
National Parks, birds of, 492.
Nemospiza, 210.
 henslowi henslowi, 210.
 h. occidentalis, 210.
Neoleucotreron, 370.
Neonannodes chrysostomus cyanopterus, 246.
Neonectris, 216.
Nepheocetes niger guadeloupensis, 366.
Nettion carolinense, 20, 42, 281.
Nevada, 481.
New Jersey, 18-29, 81, 136-147, 227, 231, 477, 484.
New Mexico, 223, 357, 483.
New York, 38, 74, 222, 481.
Newfoundland, 248.
Nichols, John T., concerning Brewster's Warbler, 82; notice of his 'An Aspect of the Relation between Abundance, Migration and Range in Birds,' 492.
Nighthawk, 28.
 Pacific, 49.
Noble, G. K., see Bangs, Outram.
Norton, Arthur H., the Evening Grosbeak (*Hesperiphona vespertina*) in Maine, with remarks on its distribution, 170-181; the Ivory Gull (*Pagophila alba*) at Portland, Maine, 220; the Starling (*Sturnus vulgaris*) at Portland, Maine, 224; obituary notice of Prof. Jonathan Young Stanton, 511.
North Dakota, 83, 227, 344-349, 350, 476.
Nucifraga columbiana, 149.
Numenius americanus, 43, 188, 331.
 a. americanus, 188, 350.
 a. occidentalis, 191.
 a. parvus, 192.
 arquatus, 205.
 hudsonicus, 331, 438.
Numida papillosa damarensis, 102.
Nutcracker, Clarke's, 149.
Nuthatch, Pygmy, 157.
 Red-breasted, 146, 157, 343, 491.
 Slender-billed, 157.
 White-breasted, 146, 492.
Nuttallornis borealis, 28, 51.
Nyctanassa violacea, 438, 477.
Nyctea nyctea, 47, 299, 372.
Nyctibius griseus cornutus, 450.
Nycticorax nycticorax naevius, 21, 85, 284, 297.
Nyctidromus albicollis albicollis, 450.
Nye, Harriet A., the Sapsucker wintering in central Maine, 353.
Oberholser, Harry C., a revision of the races of *Toxostoma redivivum* (Gambel), 52-61; notes on North American birds 62-65, 185-187, 463-467, notes on the subspecies of *Numenius americanus* Bechstein, 188-195; third annual list of proposed changes in the A. O. U. Check-List of North American Birds, 200-217; Solitary Sandpiper (*Tringa solitaria solitaria*) in New Mexico, 223; Philadelphia Vireo (*Vireosylva philadelphica*) in North Dakota in summer, 227; Prothonotary

- Warbler (*Protonotaria citrea*) in New Jersey, 227; *Larus nelsoni* in juvenal plumage from the Hawaiian Islands, 349; *Anas rubripes rubripes* in North Dakota, 350; *Numenius americanus* not a breeding bird of Michigan, 350; *Junco aikeni* in New Mexico, 357; the subspecies of *Larus hyperboreus* Gunnerus, 467-474; Cinnamon Teal (*Querquedula cyanoptera*) in North Dakota, 476; the subspecific name of the Glossy Ibis, 476; *Picoides arcticus* in Florida, 479; the range and status of *Aphelocoma californica hypoleuca* Ridgway, 480; the northernmost record of *Icterus parisorum*, 481; Russet-backed Thrush (*Hylodichla ustulata ustulata*) in New Mexico, 483; the status of *Buteo platypterus iowensis*, 476; notice of his, 'A Review of the Subspecies of the Leach Petrel,' 95; notice of his, 'Birds Collected by Dr. W. L. Abbott on Various Islands in the Java Sea,' 95; notice of his 'The Birds of the Anumba Islands,' 95.
- OCEANITES oceanicus, 85.
 Oceanodroma beali, 95, 202.
 beldingi, 95.
 hornbyi, 202.
 kædingi, 95.
 leucorhoa, 85, 95.
 l. beali, 202.
 monorhis socorroensis, 202.
 Ocreatus cissurus cissurus, 451.
 Oena capensis aliena, 258.
 Oidemia americana, 296.
 deglandi, 476.
 perspicillata, 85.
 Olor columbianus, 42, 222.
 'Oologist, The,' reviewed, 99, 255, 376, 497.
- Oporornis agilis, 442.
 formosus, 143, 484.
 philadelphia, 144, 232.
 tolmiei, 155.
 Oreoica cristata lloydi, 100.
 Oriole, Baltimore, 137.
 Bullock's, 150.
 Orchard, 137.
 Oriolus luteolus thaiacus, 377.
 Ornithological Articles in other journals, 101, 255, 376, 501.
 Osprey, 25, 46.
 Ostinops alfredi alfredi, 459.
 Otocompsa flaviventris minor, 376.
 Otocoris alpestris, arctica, 148.
 a. merrilli, 143
 a. praticola, 136.
 Otus asio asio, 26, 298, 345.
 a. cinerascens, 217.
 a. gilmani, 217.
 a. macfarlanei, 47.
 roboratus, 448.
 Owl, Barn, 25.
 Barred, 26.
 Burrowing, 47.
 California Pygmy, 48.
 Great Horned, 26, 298, 351, 372, 478.
 Great Gray, 47, 298, 372.
 Hawk, 299.
 Labrador Horned, 233.
 Long-eared, 25, 46, 183, 297, 345.
 Macfarlane's Screech, 47.
 Northern Spotted, 235.
 North-western Horned, 47.
 Richardson's, 298.
 Saw-whet, 26, 47, 298, 351.
 Screech, 26, 298.
 Snowy, 47, 299.
 Short-eared, 25, 46, 223, 238, 298, 345.
 Western Horned, 47.
 Oxyechus vociferus, 22, 43, 283, 332, 341, 344.
 Oyster-catcher, 338.
 Black, 333.

- PAGOPHILA alba, 85, 201, 220.
 eburnea, 201.
- Palæochenoides mioceanus, 251.
- Palmer, T. S., thirty-fifth stated meeting of the American Ornithologists' Union, 65-73; obituary notice of Lyman Belding, 106; ornithological work in 1917, 107-110; the list of fellows of the A. O. U., 110; called to the colors, 111, 267, 385, 513; Goudot's explorations in Colombia, 240; foreign members of the A. O. U., 266; obituary notice of Harry Reed Taylor, 382; the principal ornithological societies, 382-384; members of the A. O. U., 384; endowment of ornithological societies, 384; associates of the A. O. U., 513.
- Pandion haliaetus carolinensis, 25, 46.
- Parasula, 203.
 nebouxii, 203.
 cyanops cyanops, 203.
- Pardirallus rytirhynchus rytirhynchus, 446.
- Parisoma blanfordi distincta, 258.
- Partridge, Hungarian, 43.
- Parus flavipectus carruthersi, 256.
- Passer domesticus, 347.
 d. hostilis, 151, 210.
- Passerculus princeps, 232, 342, 440.
 sanwicensis alaudinus, 151.
 s. savanna, 138, 232.
- Passerella iliaca altivagans, 186, 211.
 i. iliaca, 236, 282.
 i. monoensis, 99, 211.
 i. schistacea, 153.
- Passerherbulus, 210.
 caudacutus, 138, 284.
 henslowi henslowi, 138, 484.
 lecontei, 347, 441.
 maritimus maritimus, 138.
 nelsoni nelsoni, 210.
- Passerherbulus n. subvirgatus, 210.
- Passerina amcena, 153.
 ciris, 281.
 cyanea, 139, 280, 359.
- Patagienas squamosa, 339.
- Patagona gigas peruviana, 451.
- Paxson, Henry D., review of his 'The Last of the Wild Pigeon in Bucks County, Pa.,' 95.
- Pearson, T. Gilbert, review of his 'Birds of America,' 89-91; notice of his 'Tales from Birdland,' 367.
- Pediceetes phasianellus campestris, 75.
 p. columbianus, 44.
 p. jamesi, 206.
 p. phasianellus, 376.
- Pelagodroma marina, 202.
 m. hypoleuca, 202.
- Pelican, Brown, 512.
- Pelidna alpina sakhalina, 329.
- Penard, Thomas E., Starlings at Barnstable Mass., 80; see also Bangs, Outram.
- Penelope brooki, 100.
- Pennsylvania, 18-29, 75, 82, 83, 95, 136-147, 218, 221, 230, 479.
- Penthestes atricapillus atricapillus, 146, 465.
 a. septentrionalis, 157.
 carolinensis carolinensis, 146, 281, 465.
 gambeli abbreviatus, 379.
 g. baileyi, 379.
 g. gambeli, 157.
 g. inyoensis, 379.
 hudsonicus, 343.
 h. columbianus, 214.
 h. hudsonicus, 37.
 h. littoralis, 37, 83, 306.
 h. nigricans, 37, 83, 230, 305.
 h. subsp.?, 230, 231, 343.
 rufescens rufescens, 158.
- Perdix perdix, 43.
- Perisoreus canadensis capitalis, 149.
 obscurus rathbuni, 209.

- Perissolalage chalepa*, 95.
 Perry, E. M. and W. A., home life of the Vesper Sparrow and the Hermit Thrush, 310-321.
 Peru, 442-463.
 Peters, James L., notice of his 'Birds from the Northern Coast of the Dominican Republic,' 96.
Petrochelidon lunifrons lunifrons, 140, 153, 348.
Peucea aestivalis bachmani, 223, 284.
 Pewee, Western Wood, 51.
 Wood, 28, 346.
Pezoporus formosus, 377.
Phacelodomus rufifrons, 453.
Phaomyias murina tumbezana, 454.
Phæopus, 205.
 borealis, 205.
 hudsonicus, 205.
 phæopus phæopus, 205.
 tahitiensis, 205.
 Phaëthon, 202.
Phalacrocorax africanus pictilis, 258.
 auritus auritus, 340.
 a. floridanus, 357.
 carbo, 203.
 c. americanus, 203.
 vigua vigua, 443.
 Phalarope, Northern, 75, 327, 372.
 Red, 327.
 Wilson's, 327, 372.
Phalaropus fulicarius, 327.
Pharomachus auriceps, 450.
 mocinno, 480.
Phasianus, 258.
 torquatus, 44.
 Pheasant, Ring-necked, 44.
Pheugopedius sclateri, 457.
Pheuticus chrysogaster, 462.
 Philippines, 370.
Philohela minor, 22.
Phlæotomus pileatus abiticola, 27, 479.
 p. picinus, 48.
Phœbe, 28.
 Say's, 50.
Phœnicophilis, 356.
Phœniculus, 500.
Phœnicurus frontalis sinæ, 498.
Phrygilus alaudinus, 462.
 ocularis, 462.
Phyllastrephus terrestris rhodesia, 102.
Piaya cayana nigricrissa, 448.
Pica pica hudsonia, 148.
Picoides americanus, 48.
 arcticus, 48, 85, 299, 479.
Picolaptes warscewiczii, 453.
Picumnus lafresnayei, 450.
Piezorhina cinerea, 462.
Pigeon, Scaled, 339.
 Wild, 23-95, 416-420.
 Pigeons, Carrier, protection of, 253.
Pinicola enucleator kamtschathensis, 209.
 e. leucura, 355.
 Pintail, 238.
Pionus corallinus, 448.
Pipilo crissalis, 376.
 c. carolæ, 211.
 erythrophthalmus canaster, 359.
 e. erythrophthalmus, 139, 280.
 maculatus curtatus, 153.
 Pipit, 156, 304.
Pipra erythrocephala berlepschi, 453.
 Piranga, 499.
 erythromelas, 140, 284, 359, 485.
 ludoviciana, 153.
 rubra rubra, 226, 359.
 testacea tschudii, 461.
 t. desidicæ, 461.
 Piscatrix, 202.
 sula, 203.
Pisobia bairdi, 42, 329.
 damacensis, 204.
 maculata, 280, 329, 341.
 minutilla, 329.

- Pisobia m. subminuta*, 204.
Pithecophaga jeffreyi, 370.
Planesticus fredericki, 377.
 fumigatus abariensis, 377.
 f. ochro-fulvescens, 377.
 merula merula, 214.
 migratorius caurinus, 214.
 m. migratorius, 147, 282, 349.
 m. propinquus, 158.
Platycercus elegans fleuriensis, 246.
Plectrophenax nivalis, 85.
Plegadis autumnalis, 476.
 falcinellis, 476.
Plover, Black-bellied, 331.
 Golden, 43, 332.
 Piping, 23.
 Semipalmated, 332.
 Snowy, 332.
 Upland, 22, 43.
Podargus strigoides centralia, 368.
 s. capensis, 368.
Podilymbus podiceps, 19, 218, 294.
Polioptila anteocularis maior, 456.
 bilineata bilineata, 456.
 cærulea cærulea, 146, 285, 484.
 plumbea, 214.
 p. margaritæ, 214.
Polyborus cheriway auduboni, 443.
 c. cheriway, 443.
Pomatostomus ruficeps parsonsi,
 377.
Poecetes gramineus confinis, 151.
 g. gramineus, 138, 280, 342,
 347.
Porter, Louis H., Connecticut notes,
 232.
Porto Rico, 333-340.
Porzana carolina, 21.
Prairie Chicken, 245, 276.
 Lesser, 236.
Prinia inornata herberti, 256.
Priofinus cinereus, 202.
Priotelus temnurus, 480.
 t. temnurus, 286.
Procellaria æquinoctialis, 202.
 cinerea, 202.
 Procellaria diabolica, 202.
Progne subis subis, 140, 282, 301,
 348.
Protonotaria citrea, 227, 285.
Psalidoprymna gouldi chlorura, 451.
Psaltriparinæ, 214.
Psaltriparus minimus saturatus,
 214.
Psephotus varius, 97.
 v. thelæ, 97.
 v. orientalis, 97.
Pseudocolaptes boissonneautii meri-
 dæ, 258.
Psittacula cœlestis cœlestis, 448.
Pterodroma gularis, 221.
 fisheri, 222.
Pterylosis, 113-340, 416-420.
Ptiloscelys resplendens, 446.
Publications Received, 102, 259,
 379, 503.
Puffinus assimilis, 201, 215.
 a. baroli, 215.
 a. godmani, 201.
 auricularis, 215.
 carneipes, 201.
 couesi, 215.
 griseus, 85, 233, 437.
 kuhlii borealis, 201, 215.
 k. flavirostris, 215.
 opisthomelas, 215.
 pacificus alleni, 202.
 sphenurus, 202.
Pulsatrix perspicillata perspicillata,
 449.
Pygochelidon cyanoleuca, 458.
Pyrocephalus rubineus heterurus,
 455.
Pyrrhura erythaca wilderi, 370.

 QUAIL, 251.
Quebec, 33-36, 83, 84, 222, 289-310.
Querquedula cyanoptera, 476.
 discors, 235, 296.
Quiscalus æneus, 440.
 aglæus, 440.
 quiscula æneus, 137, 347.

- Quiscalus* q. *aglæus*, 233.
 q. *quiscula*, 137.
 q. *versicolor*, 440.
- RAIL**, Black, 21.
 Clapper, 21.
 King, 21, 223.
 Virginia, 21.
- Rallus elegans*, 21, 223.
 crepitans, 21.
 longirostris caribæus, 216.
 virginianus, 21, 281.
- Ramphocelus carbo connectens*, 461.
- Raven**, Mexican, 149.
 Northern, 136.
- Recurvirostra americana*, 235, 327.
- Redpoll**, 150, 232, 241.
- Redstart**, 144, 155.
- Regulus calendula calendula*, 158,
 284, 344.
 regulus olivaceus, 186, 214.
 r. *satrapa*, 186, 214.
 satrapa satrapa, 146, 214, 282.
 s. *olivacea*, 214, 158.
- Remiz**, 500.
- Remizinae*, 214.
- Rett**, E., Downy Woodpecker in
 Colorado, 223; the Canada War-
 bler again in Colorado, 229.
- 'Revue Française d'Ornithologie'
 reviewed, 100, 257, 378, 501.
- Richmond**, Charles W., in memo-
 riam: Edgar Alexander Mearns,
 1-18; appointed Associate Cura-
 tor of Birds U. S. Nat. Museum,
 512.
- Rhipidura**, 377.
- Rhoads**, Samuel N., Georgia's rari-
 ties further discovered in a sec-
 ond American portfolio of John
 Abbot's bird plates, 271-286.
- Rhode Island**, 37-40.
- Rhopias spodionota juninensis*, 498.
- Rhothonia**, 249.
- Rhyacophilus glareola*, 216.
 g. *affinis*, 216.
- Rhynchodon**, 207.
 peregrinus anatum, 207.
 p. *peali*, 207.
 p. *peregrinus*, 207.
- Rhynchofalco**, 207.
 fuscocæruleus septentrionalis,
 207.
- Richmondena**, 499.
- Riley**, J. H., a winter record of
 Bewick's Wren from northern
 Virginia, 483; notice of his 'A
 New Bullfinch from China,' 370.
- Riparia riparia*, 140, 154, 348.
- Rissa tridactyla tridactyla*, 294.
- Robin**, 147, 231, 349, 493.
 Western, 158.
- Rogers**, Charles H., Horned Grebe
 rising from the ground, 218.
- Rothrock**, Boyd P., Little Blue
 Heron in Pennsylvania, 75; Wil-
 low Thrush in Pennsylvania, 83.
- Rupornis magnirostris occidua*, 444.
- Rynchops nigra**, 19.
- SAGE**, John H., obituary of R. G.
 Hazard, 264.
- Sage Hen**, 44.
- Salpinctes obsoletus obsoletus*, 156.
- Saltator striatipectus peruvianus*,
 463.
- Sandpiper**, Aleutian, 328.
 Baird's, 42, 329.
 Buff-breasted, 331.
 Least, 329.
 Pectoral, 329, 341.
 Purple, 233.
 Solitary, 22, 223, 229.
 Spotted, 22, 43, 331.
 Red-backed, 329.
 Spoon-billed, 387-404.
 Western, 329.
- Santo Domingo**, 96.
- Sapsucker**, Red-naped, 48.
 Yellow-bellied, 27, 341, 353.
 Williamson's, 48.
- Saskatchewan**, 238-240.

- Saunders, Aretas A., some recent Connecticut bird notes, 340-344; a note concerning bird mortality, 358.
- Sayornis nigricans angustirostris, 455.
phoebe, 28, 281.
sayus, 50.
- Scaëphaethon, 202.
rubricaudus, 202.
- Scapanus melanoleucus, 450.
- Schorger, A. W., European Widgeon, at Madison, Wis., 74.
- Selateria nævia trinitatis, 258.
- Scoter, American, 296.
White-winged, 476.
- Scotiaptex, 217.
nebulosa lapponica, 217.
n. nebulosa, 47, 298.
- Scytalopus ymonsii, 256.
- Seiurus aurocapillus, 143, 284.
a. furvior, 248.
motacilla, 143.
noveboracensis notabilis, 155.
n. noveboracensis, 143, 283, 304.
- Selasphorus rufus, 49.
- Serinus mozambicus tando, 498.
m. aurifrons, 498.
- Serpophaga cinerea cana, 453.
- Setophaga ruticilla, 144, 155, 285.
- Shearwater, Sooty, 233, 437.
- Shoveller, 42, 74, 372.
- Shrike, Migrant, 140, 237.
Northern, 154, 241.
White-rumped, 83, 154, 348.
- Shufeldt, R. W., notes on some fossil bird from Florida, 257; notice of his 'Fossil Birds found at Vero, Florida, with Descriptions of New Species,' 249.
- Sialia currucoides, 159.
mexicana occidentalis, 159.
sialis episcopus, 215.
s. sialis, 147, 282, 349.
- Siberia, 196-199, 387-404.
- Sicalis flaveola, 462.
- Sight Records, 262.
- Simmons, E. A., White-winged Scoter (*Oidemia deglandi*) in South Carolina, 476.
- Siptornis cisandina, 453.
- Siskin, Pine, 138, 151, 241, 484.
- Sitta atkinsi littorea, 217.
carolinensis carolinensis, 146, 213, 283.
c. aculeata, 157.
c. cookei, 213.
c. tenuissima, 375.
canadensis, 146, 157, 343.
pygmæa pygmæa, 157.
pusilla, 281.
- Skimmer, Black, 19.
- Skinner, M. P., notice of his 'List of Birds of Yellowstone National Park,' 493.
- Snipe, Wilson's 22, 42, 328.
- Solitaire, Townsend's, 158.
- Song, Bird, 421-437.
- Soper, J. Dewey, flight of Horned Owls in Canada, 476; notice of his 'The Birds of Edmonton,' 489.
- Sora, 21.
- Souchet, 499.
- 'South Australian Ornithologist' reviewed, 257, 500.
- South Carolina, 437-442, 476.
- Spatula clypeata, 42.
- Sparrow, Bachman's, 226.
Brewer's, 152.
Chipping, 139, 251, 347.
Clay-colored, 347.
English, 151, 251, 347.
Field, 139, 358.
Fox, 236.
Gambel's, 151.
Grasshopper, 138, 347.
Ipswich, 232, 342, 440.
Henslow's, 138, 484.
Lark, 138.
Leconte's, 347, 441.

- Sparrow, Lincoln's, 342.
 Merrill's, Song, 153.
 Nuttall's, 321-326.
 Sage, 152.
 Savannah, 138, 232.
 Seaside, 138.
 Sharp-tailed, 138.
 Slate-colored Fox, 153.
 Song, 139, 347, 359.
 Swamp, 139.
 Vesper, 138, 310-316, 342, 347.
 Western Chipping, 152.
 Western Field, 236, 347.
 Western Grasshopper, 151.
 Western Lark, 151.
 Western Savannah, 151.
 Western Tree, 152.
 Western Vesper, 151.
 White-crowned, 342.
 White-throated, 138, 232.
- Spectyto cucularia floridana, 207.
 c. hypogæa, 47.
 c. minor, 365.
 c. punensis, 449.
 floridana, 207.
- Sphcotheres, 499.
- Sphyrapicus ruber, 79, 217.
 thyroideus, 48.
 t. natalia, 208.
 varius nuchalis, 48.
 v. ruber, 217.
 v. varius, 27, 341, 281.
- Spinus ictericus peruanus, 461.
 pinus, 138, 484.
 p. pinus, 151.
 simonsi, 102.
- Spiza americana, 348.
- Spizella breweri, 152.
 monticola, 502.
 m. ochracea, 152.
 pallida, 347.
 passerina arizonæ, 152.
 p. passerina, 139, 285, 349.
 pusilla pusilla, 139, 358.
 pusilla arenacea, 236, 347.
- Sporophila gutturalis inconspicua, 462.
- Sporophila simplex, 462.
- Sporothraupis cyanocephala cyanocephala, 348.
- Squatarola squatarola, 331.
- Stanton, Jonathan Y., obituary notice of, 511.
- Starling, 80, 136, 224, 409, 481, 485.
- Steganopus tricolor, 327, 372.
- Stelgidopteryx ruficollis uropygialis, 458.
 serripennis, 140, 154, 348.
- Stellula calliope, 50.
- Stercorarius longicaudus, 233, 234.
- Sterna anætheta, 338.
 antillarum, 19.
 caspia, 182.
 dougalli, 182.
 fuscata, 215.
 hirundo, 19, 74.
- Sterrhoptilus, 503.
- Stilt, Black-necked, 372.
- Stone, Witmer, Yellow-headed Blackbird in New Jersey, 81;
 Glaucous Gull (*Larus hyperboreus*) at Philadelphia, 221;
 correction, 242.
- Street, J. Fletcher, Hudsonian Chickadee on the Pocono Mountain, Pa., 230.
- Streptoceryle, 352, 463.
 alcyon caurina, 48, 463.
- Strix, 217.
 occidentalis caurina, 235.
 varia varia, 26.
- Strong, Reuben M., the description of the voice of birds, 133-135; the song of Bachman's Sparrow (*Peuceea æstivalis bachmani*) 226; notice of his 'Some Observations on the Origin of Melanin Pigment in Feather Germs,' 97.
- Stuart, G. H. 3rd., Brewster's Warbler in Pennsylvania, 82.
- Sturnella magna argutula, 280.
 neglecta, 149, 347.
 n. confluenta, 209.
- Sturnus vulgaris, 80, 224, 481, 485.

- Sturnus v. vulgaris, 136.
 Suaupsitta, 246.
 Sula, 203.
 dactylatra californica, 216.
 leucogastra, 337.
 piscator, 203, 337.
 Surf-bird, 332.
 Surnia ulula caparoch, 299.
 Swales, B. H., Northern Phalarope (*Lobipes lobatus*) in Michigan, 75.
 Swallow, Bank, 140, 154, 348.
 Barn, 140, 154, 348.
 Cliff, 140, 153, 348, 494.
 Northern Violet-green, 154.
 Rough-winged, 140, 154, 348.
 Tree, 140.
 Swan, Whistling, 42, 222.
 Swarth, H. S., review of his 'The Pacific Coast Jays of the Genus *Aphelocoma*,' 250.
 Swarth, H. S., and Bryant, H. C., review of their 'A Study of the White-fronted Geese in California,' 94.
 Swift, Chimney, 28, 346.
 Vaux's Swift, 49, 235.
 White-throated, 235.
 Sylvia deserticola maroccana, 100.
 Synallaxis maranonica, 453.
 stictithorax, 453.
 unirufa meridana, 258.
 Systema Avium, 509.
 ΤΑΧΥΣΙΝΩΤΑ thalassina lepida, 154.
 Tachyphonus rufus, 461.
 Tachytriorchis, 207.
 albicaudatus sennetti, 207.
 Tanager, Scarlet, 140, 485.
 Summer, 226.
 Western, 153.
 Tanagra taczanowskii, 459.
 xanthogaster quitensis, 459.
 Tangara argentea fulvigula, 460.
 chilensis, 459.
 cyaneicollis cæruleocephala, 460.
 gyroloides, 490.
 Tangara g. bangsi, 490.
 g. catharinæ, 459.
 g. nupera, 490.
 pulchra pulchra, 459.
 parzudakii **florentes**, 459.
 venusta, 460.
 Tapera nævia nævia, 448.
 Taraba melanura debilis, 452.
 Tatler, Wandering, 331.
 Taylor, Harry Reed, obituary notice of, 382.
 Taylor, Walter P., Bohemian Wax-wing (*Bombycilla garrula*) breeding within the United States, 226.
 Teal, Blue-winged, 235, 296.
 Cinnamon, 476.
 Green-winged, 20, 42, 372.
 Telmatodytes palustris, 284.
 p. æstuarinus, 213.
 p. palustris, 146.
 p. plesius, 156.
 Tennessee, 93.
 Tern, Black, 483.
 Bridled, 338.
 Caspian, 182.
 Common, 19, 74.
 Least, 19.
 Noddy, 338, 507.
 Roseate, 182.
 Sooty, 507.
 Thalassidroma hornbyi, 202.
 hypoleuca, 202.
 Thamnophilus bernardi baroni, 258.
 doliatus tobagensis, 258.
 punctatus interpositus, 258.
 radiatus variegaticeps, 452.
 Thaumasius taczanowskii **fractus**, 451.
 Thylopsis inornata, 461.
 Thrasaetus harpyia, 77-79.
 Thrasher, Brown, 145, 349.
 Pearly-eyed, 339.
 Thraupis cælestis major, 460.
 cana **quæsita**, 460.
 darwinii læta, 460.
 Thrush, Bicknell's, 486.
 Hermit, 147, 158, 316-321.

- Thrush, Olive-backed, 147, 158.
 Russet-backed, 145, 483.
 Willow, 83.
 Wood, 146, 237.
 Varied, 159.
- Thyomanes bewicki bairdi, 212.
 b. bewicki, 483, 485.
 b. eremophilus, 212.
 b. drymœcus, 213.
 b. marinensis, 213.
 b. nesophilus, 213.
 b. catalinae, 213.
 b. leucophrys, 213.
 leucophrys, 213.
- Thyospiza, 210.
 maritima fisheri, 210.
 m. macgillivraii, 210.
 m. maritima, 210.
 m. peninsulae, 210.
 m. sennetti, 210.
 nigrescens, 210.
- Thyrothorus ludovicianus ludovicianus, 145, 280, 359.
- Thyellodroma, 202.
 bulleri, 202.
 cuneata, 202.
- Tinnunculus, 207.
 columbarius æsalon, 207.
 c. columbarius, 207.
 richardsoni, 207.
 suckleyi, 207.
- Titmouse, Tufted, 146, 343.
- Todd, W. E. Clyde, obituary notice of, Dr. Robert Latshaw Walker, 511.
- Totanus flavipes, 330.
 fuscus, 379.
 maculatus, 379.
 melanoleucus, 22, 43, 205, 280, 330.
- Towhee, 139.
 Nevada, 153.
- Townsend, Charles W., Ipswich bird notes, 182-185; a winter crow roost, 405-416; review of his 'In Audubon's Labrador,' 267.
- Toxostoma redivivum, 52-61.
 r. helvum, 60.
 r. pasadenense, 52, 54.
 r. redivivum, 52.
 r. sonomæ, 56.
 rufum, 145, 282, 349, 359.
- Tringa canutus, 328.
 solitaria solitaria, 223.
- Tringinae, 204.
- Trochilus colubris, 79.
- Troglodytes aedon aedon, 145, 305.
 a. parkmani, 156, 349.
 musculus albicans, 457.
 m. chapmani, 244.
 m. neglectus, 244.
 neglectus, 244.
- Trogon melanocephalus, 480.
 viridis, 287.
- Trogons, 480.
- Trogonurus collaris, 451.
 curucui, 480.
 mexicanus, 480.
 puella, 480.
 elegans, 480.
- Trotter, Spencer, Pied-billed Grebe (*Podilymbus podiceps*) in Chester Co., Pa., in summer, 218.
- Trupialis bellicosa, 459.
- Tryngites subruficollis, 331.
- Turdus chiguanco conradi, 456.
 gigas gigantodes, 456.
 maculirostris, 456.
 maranicus, 456.
 reevei, 456.
- Turkey, Wild, 23, 358.
- Turnstone, 439.
 Black, 333.
 Ruddy, 332, 341.
- Turtur affer sclateri, 256.
- Tympanuchus americanus, 345.
 pallidicinctus, 236.
- Tyranniscus uropygialis, 454.
- Tyrannus melancholicus melancholicus, 455.
 tyrannus, 28, 50, 284, 346, 359.
 verticalis, 50, 346.

- Tyto alba alba*, 464.
 a. *contempta*, 449.
 a. *guttata*, 464.
 a. *pratincola*, 464.
perlata, 464.
- URIA lomvia lomvia*, 294, 340.
Uroaëtus audax, 257.
Urospatha martii olivacea, 366.
 Utah, 490.
- VEERY, 142.
- Venilornis agilis*, 450.
callonotus major, 450.
- Vermivora bachmani*, 228, 441.
celata orestera, 212.
chrysoptera, 83, 142.
leucobronchialis, 82.
luciae, 237.
peregrina, 232, 303, 343.
pinus, 82, 141, 283, 482, 485.
rubricapilla gutturalis, 155.
r. rubricapilla, 142, 302.
- Vetola*, 204.
hæmastica, 205.
lapponica baueri, 205.
- Vireo*, Blue-headed, 141, 343.
 Cassin's, 155.
 Mountain Solitary, 441.
 Philadelphia, 227.
 Red-eyed, 141, 154, 252, 348, 493.
 Warbling, 141.
 Western Warbling, 154.
 White-eyed, 141.
 Yellow-throated, 141.
- Vireo bellii arizonæ*, 212.
griseus griseus, 141, 279.
- Vireosylva chivi griseibarbatu*s, 457.
gilva gilva, 141.
g. swainsoni, 154.
josephæ josephæ, 458.
olivacea, 141, 154, 252, 285, 348, 359.
philadelphica, 227.
 Virginia, 483.
- Volatinia jacarini splendens*, 462.
Volvocivora koratensis, 376.
- Vulture, Black, 233, 477.
 Turkey, 23, 45, 84, 297, 341.
- WARBLER, Audubon's, 155.
 Bachman's, 228, 441.
 Bay-breasted, 343.
 Black and White, 141.
 Blackpoll, 82, 303.
 Black-throated Blue, 80, 142.
 Black-throated, Green, 143, 441.
 Blackburnian, 143.
 Blue-winged, 141, 482, 485.
 Brewster's, 82.
 Calaveras, 155.
 Connecticut, 442.
 Canada, 144, 229.
 Cape May, 303, 343.
 Cerulean, 142.
 Chestnut-sided, 142.
 Golden-winged, 142.
 Hooded, 144.
 Kentucky, 143, 484.
 Lucy's 237.
 Macgillivray's, 155.
 Magnolia, 142, 441.
 Mourning, 144, 232.
 Nashville, 142, 302.
 Northern Parula, 142, 228.
 Palm, 232.
 Pileolated, 155.
 Prairie, 143, 343.
 Pine, 143.
 Prothonotary, 227.
 Swainson's, 236.
 Sycamore, 485.
 Tennessee, 232, 303, 343.
 Townsend's, 155.
 Worm-eating, 141.
 Yellow, 142, 155, 348.
 Yellow Palm, 283.
- Warblers, 484.
 Walker, Robert L., obituary notice of, 511.

- Washington, 40-51, 148-159, 226, 326-333.
- Water-Thrush, 143, 304.
Grinnell's, 155.
Louisiana, 143.
- Waxwing, Cedar, 140, 154.
Bohemian, 81, 154, 226.
- Wayne, Arthur T., some additions and other records new to the ornithology of South Carolina, 437-442; notes on six Georgia birds from, 485.
- Wetmore, Alexander, the birds of Desecheo Island, Porto Rico, 333-340; notice of his 'The Relationship of the Fossil Bird *Palæocheoides mioceanus*, 251; notice of his 'Duck Sickness in Utah,' 490.
- Whip-poor-will, 27, 300.
- White, Francis B., Yellow-headed Blackbird at Ipswich, Mass., 224.
- White, James Clarke, obituary notice of, 265.
- Widgeon, European, 74, 75.
- Willet, Western, 331.
- Williams, Robert W., the Black Vulture (*Catharista urubu*) in Indiana, 477.
- Wilmot, Nelson E., Mockingbird (*Mimus polyglottos polyglottos*) spending the winter at West Haven, Conn., 229.
- Wilson, Etta S., Bachman's Warbler and Solitary Sandpiper in Indiana, 228.
- 'Wilson Bulletin' reviewed, 99, 255, 376, 497.
- Wilsonia, canadensis, 144, 229.
citrina, 144.
pusilla pileolata, 155.
- Wisconsin, 74.
- Wood, Norman A., notice of his 'Notes on the Birds of Alger County, Michigan,' 489.
- Woodcock, 22.
- Woodpecker, Arctic Three-toed, 48, 85, 299, 479.
Batchelder's, 48.
Downy, 27, 223, 236.
Hairy, 26.
Jamaica, 495.
Lewis', 49.
Northern Pileated, 27, 479.
Red-bellied, 27.
Red-headed, 27, 84, 232, 299, 341, 346.
Red-cockaded,
Rocky Mountain, Hairy, 48.
Three-toed, 48.
Western Pileated, 48.
White-headed, 48.
- Woodruff, Frank M., notes from the Chicago area, 234.
- Wren, Bewick's, 145, 483, 485.
Carolina, 145.
House, 145, 305.
Long-billed, Marsh, 146.
Rock, 156.
Short-billed, Marsh, 145, 284, 305.
Western House, 156, 349.
Western Marsh, 156.
Winter, 145, 156.
- Wright, A. A. and A. H., drinking sap by Sapsuckers and Hummingbirds, 79-80.
- Wright, Horace W., Labrador Chickadee (*Penthetes hudsonicus nigricans*) in its return flight from the fall migration of 1916, 37-40; a Red-throated Loon on Chestnut Hill Reservoir, Boston, Mass., 219; a Robin which migrated tailless, 231; Blue-winged Warbler once more nesting in South Sudbury, Mass., 482.
- Wyoming, 96, 493.
- XANTHOCEPHALUS xanthocephalus, 81, 149, 224.
- Xanthoura yncas yncas, 457.

- | | |
|---|---|
| Xenopicus albolarvatus, 48. | Zenaida auriculata pallens , 446.
zenaida lucida, 339. |
| YELLOW-THROAT, Maryland, 144,
484.
Western, 155. | Zenaidura macroura carolinensis,
23, 282, 344.
m. marginella, 44. |
| ZAMELODIA ludoviciana, 139, 282,
348, 359.
melanocephala, 153, 235.
m. capitalis, 211. | Zonotrichia albicollis, 138, 232, 280,
359.
gambelii, 210.
leucophrys gambeli, 151, 210,
321. |
| Zappey, Walter Reaves, obituary
notice of, 263. | l. leucophrys, 342.
l. nuttalli, 321-326. |

ERRATA.

- Page xxii, line 6 from bottom, after GREGORY, STEPHEN S., for 1916,
read 1906.
- " xxiii, " 10, for HARRISON, RICHARD C., read HARRISON, RICHARD E.
" xxx, " 26, for STORER, TRACY IRVIN read STORER, TRACY IRWIN.
" 78, " 14, for **Happy Eagle** read **Harpy Eagle**.
" 110, " 8 from bottom, for eighty-three read eighty-four.
" 111, " 9, add "and Walter FAXON, 1896-1904."
" 112, " 7, for STEINSON read STIMSON.
" 112, " 16, omit (F).
" 147, " 16, for last read first.
" 235, " 15, for **griseus** read **scolopaceus**.
" 268, " 17, for March 19, 1917 read May 19, 1917.
" 269, " 9, omit SCHAEFER, V. F.
" 347, " 31, for **bimaculatus** read **australis**.
" 350, " 28, for Del Monte read Monterey.
" 350, " 31, for B. M. read B. H.
" 375, " 8, for Mable read Mabel.
" 382, " 17, for Agnewo read Agnews.
" 382, " 20, for Oct. 6, 1866 read Oct. 1, 1866.
" 386, " 8, omit WRIGHT, HORACE WINSLOW.

DATES OF ISSUE.

- Vol. XXXIV, No. 4 — October 10, 1917.
" XXXV, No. 1 — January 5, 1918.
" XXXV, No. 2 — April 6, 1918.
" XXXV, No. 3 — July 5, 1918.