

INDEX TO VOLUME II.

- ABBOTT, C. C., notice of his 'A Naturalist's Rambles about Home,' 86.
Acanthidops bairdi, 291.
Accipiter cooperi, 17, 284,
 fuscus, 17, 174, 284, 311.
Actodromas bairdi, 18, 63, 273,
 384.
 fuscicollis, 63, 286.
 maculata, 18, 286.
 minutilla, 18, 63, 192, 268.
Ægialites, sp., 157.
 cantianus, 335.
 melodus, 37.
 melodus circumcinctus, 285.
 mongolicus, 240.
 semipalmatus, 201, 241, 285.
 vociferus, 375.
Ægiothos canescens exilipes, 63.
 linaria, 16, 99, 200, 240, 279,
 291.
Æsalon columbarius, 17, 285.
 richardsoni, 17, 205, 285.
Æthyia americana, 10, 18, 288.
 vallisneria, 18, 288.
Agelæus phœniceus, 8, 16, 114, 142,
 238, 249, 282.
Agersborg, G. S., the birds of South-
eastern Dakota, 276.
Aix sponsa, 10, 18, 192, 288, 369,
 372.
Alauda blakistoni, 95.
Albatross, Short-tailed, 175.
 Wandering, 387.
Alca cristatella, 341, 342.
 impennis, 115.
 psittacula, 342.
Alcedo ispida, 95.
Aldrich, Charles, a belated bird,
 308.
Alle nigricans, 211.
Allen, J. A., sexual selection and
the nesting of birds, 129; capture
of escaped cage-birds, 314; a
Hawk Owl at Chatham, Mass.,
383; a Crested Auk on the Massa-
chusetts-coast, 388.
Aluco flammeus americanus, 284.
 flammeus pratincola, 192.
American Ornithologists' Union,
notes respecting, 223, 317, 318,
 389.
Ammodramus caudacutus nelsoni,
 216, 306.
 maritimus, 272.
 savaranum passerinus, 371.
Ampelis cedarorum, 15, 279.
 garrulus, 15, 279.
 phœnicopterum, 291.
Amphispiza belli, 16.
 belli nevadensis, 16.
 bilineata, 226, 228.
Anas americana, 158.
 boschas, 18, 144, 158, 112,
 288, 372.
 carolinensis, 158.
 nivalis, 207.
 obscura, 18, 372.
Anorthura fumigata, 291.
 troglodytes hyemalis, 15, 113.
Anser albifrons gambeli, 63, 158,
 287.
 hyperboreus nivalis, 207.
 hutchinsi, 292.
 leucopareia, 292.
Anthus japonicus, 290.
 ludovicianus, 15, 209, 278,
 290.
 pennsylvanicus, 157, 290, 368.
 spinoletta, 290, 368.
 spipoletta, 290, 368.
 spraguei, 368.
Antrostomus carolinensis, 220.
 vociferus, 179.
Aphelocoma sieberi arizonæ, 371.
 sordida arizonæ, 356, 371.
 woodhousei, 16.
Aquila chrysaëtus, 205.
 chrysaëtus canadensis, 10, 17,
 157, 285.
Archibuteo ferrugineus, 17.
 lagopus sancti-johannis, 17,
 285, 295.
Arctonetta fischeri, 158.
Ardea cærulea, 272.
 egretta, 336.
 herodias, 10, 17, 143, 190, 287.
Arenaria interpres, 157.

- Asio accipitrinus, 9, 143, 157, 189,
201, 241, 284.
americanus, 17, 284.
wilsonianus, 192.
- Astragalinus psaltria, 16, 141.
tristis, 16, 141, 279.
- Astur atricapillus, 212, 284.
atricapillus striatulus, 205.
- Asturina nitida plagiata, 205.
- Asyndesmus torquatus, 356.
- Atkins, Dr. H. A., notice of death
of, 391.
- Attila cozumelae, 295.
- Auk, Crested, 388.
Great, 115, 209, 374.
Paroquet, 388.
Razor-billed, 38.
- Auriparus flaviceps, 229.
- Avocet, American, 285, 311.
- BAGG, Egbert, Jr., the Turkey Buzzard in Central New York, 109.
- Bain, Francis, the migration of
Swallows, 216; a Blue Heron's
meal, 221; winter birds of Prince
Edward Island, 262.
- Baldpate, 288.
- Ball, Forrest, *Colaptes auratus* in
California, 383.
- Banks, James W., nest and eggs of
the Rusty Grackle (*Scolecophagus ferrugineus*), 106.
- Barrows, W. B., abnormal coloration
in a caged Robin, 303; another black Robin, 303.
- Bartramia longicauda, 18, 286, 315.
- Batchelder, Charles F., winter notes
from New Mexico, 121, 233; *Fun-*
co annectens—a correction, 306.
- Beckham, Charles W., notes on
some of the birds of Pueblo, Col-
orado, 139; a white-winged Junco
in Maryland, 306;
- Bell, Robert, notice of his List of
Birds observed between Norway
House and Forts Churchill and
York, 209.
- Bernicla brenta, 10, 288.
canadensis, 18, 111, 193, 287.
canadensis hutchinsi, 18.
canadensis leucopareia, 293.
nigricans, 63.
- Bicknell, Eugene P., a study of the
singing of our birds, 140, 249.
- Bird, Myrtle, 99.
- Bittern, 99, 287, 374.
Least, 101, 296.
- Blackbird, Brewer's, 282.
Crow, 210, 253.
- Blackbird, Red-and-buff-shoulder'd,
8, 249.
Red-winged, 210, 238, 266,
282.
Rusty, 252, 282.
Yellow-headed, 8, 112, 192,
282, 334.
- Blackcap, Wilson's, 332.
- Black-head, Little, 193, 288.
- Bluebird, 86, 98, 266, 277.
Arctic, 534.
California, 330.
Mexican, 85, 172.
Rocky Mountain, 8.
- Bobolink, 97, 98, 152, 189, 266, 282.
- Bob-white, 45, 315.
- Bonasa umbella, 10.
umbella umbelloides, 17, 271.
- Botaurus lentiginosus, 18, 287.
- Brachyrhamphus sp., 159.
- Brant, 10, 288.
Black, 301.
- Branta canadensis hutchinsi, 158.
- Brenta minima, 293.
- Brewster, William, Swainson's
Warbler, 65; the Heath Hen of
Massachusetts, 80; preliminary
notes on some birds obtained in
Arizona by Mr. F. Stephens in
1884, 84; Swainson's Warbler—
an omission, 105; *Pencea asti-*
valis and its subspecies *illinoen-*
sis, 105; Hawk Owls in New
England, 109; the Eider Ducks of
the New England coast, 111; the
Common Cormorant in Mas-
sachusetts, 112; the Rock Ptarmigan
of Newfoundland, 193; addi-
tional notes on some birds col-
lected in Arizona and the adjoin-
ing Province of Sonora, Mexico,
by Mr. F. Stephens, with a de-
scription of a new species of
Ortyx, 196; Nelson's Sharp-tailed
Finch (*Ammodramus caudacutus*
nelsoni) on the Atlantic Coast,
216; the Ptarmigan of Anticosti
—a correction, 220; additional
notes on Swainson's Warbler
(*Helinaia swainsoni*), 346; the
Oyster-catcher (*Hæmatopus pal-*
liatus) in Massachusetts, 384.
- Broad-bill, 193.
- Brown, Nathan Clifford, Swamp
Sparrows and Yellow-rumps—a
question of evidence, 307; the
Great Marbled Godwit at Port-
land, Maine, 385.

- Browne, F. C., the Red Crossbill breeding in Eastern Massachusetts, 105; the Hawk Owl in Eastern Massachusetts, 220; another Richardson's Owl in Massachusetts, 384.
- Bubo virginianus*, 212, 284, 298.
virginianus arcticus, 17, 21.
virginianus saturatus,
virginianus subarcticus, 8,
 143.
- Bucephala albeola*, 337.
islandica, 336.
- Budytes flavus*, 157.
- Buffle-head*, 193.
- Bunting*, Baird's, 268.
 Bay-winged, 23.
 Black-throated, 106, 192, 281,
 307.
 Henslow's 209.
 Indigo, 266, 289.
 Lark, 32, 49, 281.
 Snow, 101, 265, 279, 290.
 Varied, 198.
- Burgomaster*, 37.
- Buteo borealis*, 174, 285.
borealis calurus, 9, 17, 356.
borealis krideri, 109.
borealis socorroensis, 205.
brachyurus, 204.
cooperi, 17, 165.
fuliginosus, 204, 371.
lineatus alleni, 292.
oxypterus, 371.
swainsoni, 226, 285.
swainsoni oxypterus, 371,
- Bryant, Walter E., the relationship of *Podiceps occidentalis* and *P. clarkii*, 313.
- Buzzard, Swainson's, 285.
 Turkey, 10, 109, 213, 285.
- CÆLIGENA clemenciae*, 85, 199.
- Calamospiza bicolor*, 16, 32, 226,
 281.
 melanocorys, 49.
- Calcarius lapponicus*, 157.
- Calipepla californica vallicola*, 372.
 squamata, 213, 226, 228.
- Calidromas*, 208.
- Calopezus*, 208.
- Calyptra costæ*, 231, 309.
- Campylorhynchus brunneicapillus*,
 220, 229.
- Canace obscura*, 10, 17.
- Cancroma zeledoni*, 370.
- Canvasback*, 228.
- Caprimulgus minor americanus*,
 178, 179.
- Caprimulgus virginianus*, 178.
 vociferus, 257, 272, 283.
- Cardellina rubrifrons*, 353.
- Cardinal*, 72.
- Cardinalis cardinalis suberbus*, 344.
 saturatus, 295.
 virginianus, 15, 16, 61, 307.
- Carpodacus cassini*, 16, 73, 333,
 349.
 frontalis, 16, 141.
 frontalis mexicanus, 207.
 hæmorrhous, 207.
 mexicanus, 207.
 purpureus, 279.
- Carpodectes antonie*, 291.
- Catbird*, 55, 98, 99, 215, 266, 277,
 297, 299, 300.
- Cathartes atrata*, 109, 311.
- Cathartes aura*, 10, 17, 109, 143,
 285, 356.
 burrovianus, 293.
 urubitinga, 293.
- Catherpes mexicanus*, 233.
 mexicanus conspersus 15, 350.
- Cazique*, Blue-throated, 85, 199.
- Ceophleæus*, 52.
 pileatus, 52.
- Centrocercus urophasianus*, 10, 17,
- Centurus carolinus*, 17, 283, 335.
 dubius, 295.
 uropygialis, 226, 228.
 leei, 295.
- Centronyx bairdi*, 16, 108, 231, 333.
- Centrophanes lapponicus*, 16, 63,
 190, 280.
 ornatus, 16, 280, 333.
 pictus, 190, 280.
- Cephus carbo*, 294.
 columba, 159, 294.
 grylle, 294.
 mandtii, 294.
 motzfeldi, 294.
- Ceratorhina moncererata*, 387.
- Cerorhina suckleyi*, 388.
- Certhia familiaris*, 291.
 familiaris mexicana, 197, 350.
 familiaris rufa, 277.
 familiaris rufa montana, 15.
 pinus, 343.
- Certhiola finschi*, 293.
 sancti-thomæ, 293.
 sundevalli, 293.
 tricolor, 291.
- Ceryle alcyon*, 9, 17, 238, 260, 283,
 311.
 superciliosa stictoptera, 208.
- Chadbourne, Arthur P., *Oporornis agilis* and *Dendræca palmarum*

- palmarum* at Shelburn, New Hampshire, 104; wintering of the Swamp Sparrow in Eastern Massachusetts, 216; Swamp Sparrows and Yellow-rumps, 380.
- Chætura pelasgica*, 257, 283.
yucatanica, 290.
- Chamæpeliæ passerina*, 220.
- Chamberlain, Montague, the nesting habits of the Cape May Warbler (*Dendræca tigrina*), 33; albinos Robins (*Turdus migratorius*), 102; a white Crow (*Corvus frugivorus*), 107; the Kingbird in a new rôle, 108; non-appearance of Juncos at Montreal, 380.
- Charadrius dominicus*, 18, 285.
dominiculus fulvus, 157.
- Chat*, Yellow-breasted, 101, 278, 308.
- Chaulielasmus streperus*, 18, 112, 144, 288.
- Chen cærulescens*, 10, 287.
hyperboreus, 18, 287.
hyperboreus albatus, 63, 207.
- Chewink*, 150, 308.
- Chickadee*, Black-capped, 265, 304.
Carolina, 304.
Hudsonian, 265.
- Long-tailed*, 277, 330.
Mountain, 126, 127, 330.
- Chlorostilbon canivetii*, 295.
forficatus, 295.
- Chondestes grammica*, 281.
grammica strigata, 16, 141.
- Chordiles popetue*, 55, 178, 283.
popetue henryi, 17, 143.
virginianus, 178, 180, 257.
virginianus henryi, 180.
virginianus minor, 180.
- Chroicocephalus franklini*, 222.
- Chrysomelis pinus*, 16, 124, 141, 210, 333.
- Chuck-will's-widow*, 211, 220.
- Cinclus mexicanus*, 8, 15, 140, 157, 234, 330.
- Circus cyaneus hudsonius*, 22, 63, 193.
hudsonius, 9, 17, 157, 284.
- Cistothorus stellaris*, 190, 278.
- Clangula albeola*, 18, 158, 193, 288.
glaucium, 373.
glaucium americana, 18.
islandica, 18.
- Coale, H. K., a new bird for Illinois, 109.
- Coccyzus americanus*, 17, 283, 335.
erythrophthalmus, 283.
- Cock, Sage*, 10.
- Colaptes auratus*, 259, 284, 335, 383.
auratus mexicanus 8, 143.
chrysoides, 226, 228, 302.
mexicanus, 127, 174, 302, 335, 356.
- Colinia*, 44.
- Colinus*, 44, 45.
graysoni, 45.
ridgwayi, 199, 228, 231.
virginianus, 45.
virginianus floridanus, 45.
virginianus texanus, 45.
- Columba fasciata*, 17, 174.
- Colymbus* sp., 158.
adamsi, 63.
nigricollis, 340, 341.
pacificus, 63.
septentrionalis, 63.
torquatus, 10, 18, 63, 288.
- Contopus albicollis*, 290.
borealis, 17.
depressirostris, 294.
pertinax, 356.
pileatus, 292.
richardsoni, 17, 143.
virens, 63, 255, 369.
- Conurus carolinensis*, 17.
- Cooke, W. W., notes on the occurrence of certain birds in the Mississippi Valley, 31; Indian bird names, 222.
- Coot*, American, 40, 112, 287.
- Cormorant*, 210, 211.
- Cormorant*, Common, 97, 112.
Double-crested, 288.
- Corvus americanus*, 334.
corax carnivorus, 9, 16, 157, 174, 282, 371.
corax sinuatus, 371.
cryptoleucus, 16.
frugivorus, 9, 16, 107, 253, 282.
grebnitzkii, 95.
- Cory, C. B., notice of his 'Birds of Haiti and San Domingo,' 295; notice of his 'List of the Birds of the West Indies,' 319.
- Cotile riparia*, 15, 63, 279, 315.
- Coturniculus henslowi*, 190, 209, 281.
lecontei, 23, 190, 381.
mexicanus, 370.
passerinus, 63, 281, 371.
passerinus pérpalidus, 16.
- Coues, Elliott, probable occurrence of *Diomedea exulans* in Florida, 387.
- Cowbird*, American, 49, 107, 152, 309.

- Cowbird, Bronzed, 211.
 Crake, Corn, 296, 297.
 Crane, Sandhill, 10, 287.
 Whooping, 287.
 Creeper, Black-and-White, 112, 278.
 Brown, 98, 126, 265, 277.
 Honey, 293.
 Mexican, 197.
 Crex pratensis, 296, 297.
 Crossbill, American, 8.
 Red, 98, 100, 105, 207, 264,
 297, 333, 379..
 White-winged, 98, 264.
 Crow, Clarke's, 101, 282.
 Common, 9, 107, 213, 253,
 282, 296, 298, 300, 334, 373.
 Crymophilus, 182.
 fulicarius, 182.
 Cuckoo, Black-billed, 283.
 Yellow-billed, 283, 335.
 Cupidonia cupido, 17, 82, 285.
 pinnata, 82.
 Curlew, Eskimo, 41, 273, 287.
 Hudsonian, 10, 287.
 Long-billed, 10, 41, 273, 286.
 Cyanecula suecica, 240.
 Cyanocitta cristata, 252, 282.
 stelleri frontalis, 217.
 stelleri macrolopha, 16, 125,
 142, 174, 355.
 Cyanocorax cucullatus, 293.
 Cyanolesbia, 46, 47.
 forficata, 47.
 mocoa, 47.
 smaragdina, 47.
 Cyclorrhynchus insularis, 295.
 Cyclorrhynchus psittacula, 159, 388.
 Cygnus columbianus, 193.
 Cymbilanius lineatus fasciatus, 294.
 Cymochorea leucorrhoa, 95, 158.
 Cypselus saxatilis, 6, 17.
 Cypseloides niger borealis, 17.
 Cyrtonyx montezumae, 46.
 DAB-CHICK, 314.
 Dafila acuta, 18, 63, 193, 201, 241,
 288, 372.
 Damon, J. L., Cowbird wintering
 in Western New York, 309.
 Davison, J. L., the first nest and
 eggs of *Eremophila alpestris*
 found in Niagara County, N. Y.,
 217.
 Dendroeca aestiva, 15, 141, 278, 331.
 auduboni, 15, 141, 331, 352.
 blackburniae, 103, 376.
 bryanti, 370.
 bryanti castaneiceps, 370.
 cærulea, 15, 278, 369.
 cærulescens, 62, 65.
 Dendroeca castanea, 65, 272, 315.
 coronata, 15, 216, 278.
 discolor, 62, 278.
 graciae, 15, 331, 352.
 kirtlandi, 376, 381.
 maculosa, 15, 65, 278, 376.
 nigrescens, 15, 197, 352.
 palmarum hypochrysea, 315.
 palmarum palmarum, 104.
 petechia rufivertex, 295.
 pinus, 278, 3.
 rufopileata, 291.
 striata, 61, 278.
 tigrina, 33.
 townsendi, 331.
 vieilloti, 370.
 vigorsii, 343.
 Dendrocopos immaculatus, 95.
 Diomedea albatrus, 158.
 brachyura, 175.
 exulans, 387.
 Dolichonyx oryzivorus, 16, 62, 152,
 189, 282.
 Dove, Mourning, 10, 285.
 Trinidad Ground, 358.
 Drew, Frank M., on the vertical
 range of birds in Colorado, 11.
 Dryobates, 52.
 Dryopicos, 52.
 Dryopicus, 52.
 Dryotomus, 52.
 Duck, Buffle-head, 337.
 Dusky, 336.
 Eider, 43, 111, 113, 266.
 Harlequin, 337.
 Labrador, 209.
 Lesser Scaup, 193.
 Long-tailed, 288, 385.
 Pin-tail, 193.
 Redhead, 10, 288.
 Ring-billed, 288.
 Ring-neck, 163.
 Ruddy, 288.
 Shoveller, 193, 288.
 Sprig-tail, 193.
 Summer, 193.
 Surf, 386.
 Wood, 10, 193, 288.
 Dutcher, William, Bird Notes from
 Long Island, N. Y., 36; the Can-
 ada Goose, 111.
 Dwight, J., Jr., the Ipswich Spar-
 row (*Passerulus princeps*) in
 Delaware, 105.
 Dyttes auritus, 96, 289.
 auritus californicus, 18.
 nigricollis californicus, 96,
 289.

EAGLE, Bald, 10, 192, 285.
 Golden, 10, 98, 285.
 White-headed Sea, 192.
 Ectopistes migratorius, 285.
 Egret, Great White, 110, 192, 336.
 Eider, Pacific, 386.
 Elainea cinerescens, 291.
 Elanoïdes forficatus, 19, 21, 192.
 Elanus leucurus, 205.
 Empidonax acadicus, 112, 256.
 atriceps, 291.
 difficilis, 17.
 flaviventris, 65, 256.
 fulvifrons, 207.
 fulvifrons pallescens, 207.
 fulvifrons rubicundus, 207.
 gracilis, 295.
 hammondi, 17, 143, 283.
 minimus, 17, 256, 283.
 obscurus, 17.
 pusillus, 17.
 trailli, 256.
 viridescens, 291.
 Engyptila gaumeri, 290.
 Enictonetta stelleri, 158.
 Ephialtes, 183.
 Eremophila alpestris, 189, 217.
 alpestris crysolæma, 17, 239.
 alpestris leucolema, 16, 142.
 Ereunetes occidentalis, 384, 385.
 pusillus, 18, 63, 143, 201, 241,
 286.
 pusillus occidentalis, 110.
 Erismatura rubida, 144, 288.
 Eutheia, 48.
 bicolor, 48.
 olivacea intermedia, 395.
 zena, 48.
 Eugenes fulgens, 199.
 FALCO albicularis, 205.
 arcticus, 188.
 candicans, 90, 187.
 candicans β islandicus, 188.
 candicans gyrfalco, 90, 188.
 communis, 267.
 fuscus, 188.
 greenlandicus, 187, 188.
 gyrfalco, 90, 187, 188.
 gyrfalco candicans, 90, 188.
 gyrfalco greenlandicus, 188.
 gyrfalco islandicus, 188.
 holboelli, 187.
 islandicus, 188, 315.
 islandicus candicans, 188.
 islandus, 185, 187, 188.
 islandus β albus, 187.
 islandus γ maculatus, 187.
 islandus fuscus, 188.

Falco peregrinus nævius, 9, 17, 212,
 285.
 peregrinus pealei, 157.
 rusticolus, 185, 188.
 rusticolus gyrfalco, 187.
 rusticolus obsoletus, 187.
 FALCON, Peregrine, 267.
 Prairie, 285.
 Finch, Bachman's, 106.
 Cassin's, 173, 333.
 Grass, 280.
 Lark, 281.
 Lazuli, 281.
 Nelson's Sharp-tailed, 306.
 Painted, 72, 298.
 Pine, 124, 239, 333.
 Purple, 263, 279.
 Sea-side, 272, 301.
 Sharp-tailed, 216, 301, 306.
 Fisher, A. K., Wood Ibis (*Tantalus loculator*) in Eastern New York, 222; capture of *Ammodramus caudacutus nelsoni* in the Lower Hudson Valley, New York, 306; capture of two more specimens of *Helminthophila leucobronchialis* at Sing Sing, New York, 378; evidence concerning the interbreeding of *Helminthophila chrysoptera* and *H. pinus*, 378.
 Flicker, Golden-winged, 284.
 Flycatcher, Acadian, 112.
 Arizona Crested, 199.
 Ash-throated, 98.
 Black-crested, 242.
 Great-crested, 254.
 Hammond's 283.
 Least, 256, 283.
 Olivaceus Crested 199.
 Small Green-crested, 256.
 Swallow-tailed, 218.
 Traill's, 256.
 Wilson's 330.
 Yellow-bellied, 256.
 Fratercula corniculata, 159.
 Frost, Edwin Brant, the Logger-head Shrike in New Hampshire, 379.
 Fulica americana, 10, 18 112, 287.
 caribæa, 292.
 spinosa, 337.
 Fringilla aestivalis, 106.
 bachmani, 105.
 bicolor, 48, 49.
 mexicana, 207.
 zena, 48.
 Fuligula affinis, 193.
 collaris, 193.

- Fuligula ferina americana, 193, 372.
 Fulix, affinis, 18, 288.
 collaris, 18, 158, 288.
 marila, 18, 158.
 Fulmarus glacialis glupischa, 158.
 GADWALL, 112, 288.
 Galeoscoptes carolinensis, 15, 140,
 277.
 Gallinago media wilsoni, 18.
 wilsoni 286, 336.
 Gallinula galeata, 18, 193, 210.
 Gallinule, Common, 193.
 Florida, 193.
 Gannet, 98.
 Gazetta candidissima, 17, 299.
 Gault, B. T., nest and eggs of *Calypte costae*, 309.
 Geococcyx californianus, 17, 143,
 375.
 Geothlypis bairdi, 294.
 macgillivrayi, 15, 141, 332.
 philadelphica, 65, 278.
 speciosa, 368.
 trichas, 15, 62, 65, 278, 367.
 trichas occidentalis, 141.
 Glaucidium phalaenoides, 229, 231.
 Gnat-catcher, Blue-gray, 272, 334.
 Godwit, Hudsonian, 286.
 Marbled, 286, 385.
 Golden-eye, 266.
 Barrows, 336.
 Goldfinch, 264, 279.
 Pine, 264.
 Goodale, Joseph L., the Wood Thrush in Maine, 215; the Yellow-rumped Warbler wintering in Maine, 216.
 Goss, N. S., observations on *Elaenoides forficatus* and *Ictinia subcærulea* in Kansas, 19; rare summer residents in Kansas, 113; *Cyanocitta stelleri's* nesting in holes in trees, 217; Wilson's Plover in Nova Scotia, 221; *Rissa tridactyla kotzbelei* in Washington Territory, 222; the Black-capped Vireo and Nonpareil in Southwestern Kansas, 274; early accidental occurrence of *Cathartista atrata* and *Tantalus loculator* in Kansas, 385; the Little Yellow Rail (*Porzana noveboraceus*) in Kansas, 385; the Thick-billed Grebe (*Podilymbus podiceps*) breeding in Kansas, 388.
 Goose, American White-fronted, 287.
 Canada, 42, 111, 193, 214, 287.
 Blue-winged, 10, 287.
 Goose, Common Wild, 193.
 Snow, 287.
 Goshawk, 266, 284.
 Grackle, Boat-tailed, 100.
 Bronzed, 282.
 Purple, 189.
 Rusty, 106, 282, 373.
 Granatellus sallaei boucardi, 273.
 Grebe, American Eared, 96, 289.
 Carolina, 96.
 Clarke's 313.
 Eared, 340.
 European Crested, 93.
 Horned, 96, 193, 289, 314,
 340.
 Red-necked 314.
 Thick-billed, 289, 388.
 Western, 313, 314.
 Greenlet, 117.
 Grosbeak, Black-headed, 100, 112,
 192, 281.
 Blue, 112, 211.
 Cardinal, 97, 98, 151, 307,
 343.
 Evening, 174, 279, 296, 334.
 Pine, 264.
 Rose-breasted, 100, 151, 266,
 281, 299.
 Grouse, Dusky, 10.
 Pinnated, 80.
 Ruffed, 10, 40, 270, 300.
 Sharp-tailed, 285.
 Willow, 201.
 Grus americanus canadensis, 10,
 18, 63, 144, 157, 201, 287.
 Guillemot, Brünnich's, 38.
 Guiraca cærulea, 16, 112, 142, 211.
 Gull, Black-backed, 266.
 Bonaparte, 266, 374.
 Burgomaster 37.
 Franklin's 289.
 Glaucous, 37, 337.
 Herring, 266, 288.
 Kittiwake, 266.
 Pacific Kittiwake, 222.
 Ring-billed, 288.
 Sabine's, 374, 375.
 Gurney, J. H., notice of his 'List of the Diurnal Birds of Prey,' 203.
 Gymnoccitta cyanocephala, 9, 13, 16.
 Gyrfalcon, 187.
 Gray, 187, 188.
 Iceland, 284.
 Labrador 187.
 White, 187.
 HÆMATOPUS bachmani, 157.
 pallidus, 384.
 Haliaëtus leucocephalus, 10, 16,
 143, 157, 192, 285.

- Hardy, Manly, late occurrence of the Phœbe (*Sayornis fuscus*) at Brewer, Maine, 108.
- Harelda glacialis, 63, 288.
hyemalis, 158, 385.
- Harporhynchus cinereus bendirei, 15.
curvirostris palmeri, 196, 228.
guttatus, 294.
- lecontei, 196, 229, 230, 231.
melanostoma, 294.
rufus, 15, 140, 277, 298.
- Harrier, Common, 22, 192.
- Hawk, Duck, 9, 209, 285.
Fish, 9, 192, 210, 212, 285.
Florida Red-shouldered, 292.
Marsh, 9, 100, 192, 285.
Pigeon, 100, 285.
Red-tailed, 174, 285.
Rough-legged, 285, 295.
Sharp-skinned, 99, 174, 284, 311.
Sparrow, 100, 285.
Western Red-tailed, 9.
- Hayward, R., curious food for the Kingfisher (*Ceryle alcyon*), 311.
- Helinaia, 76.
swainsoni, 76, 105, 346, 377.
- Helmintherus swainsoni, 301.
vermivorus, 62, 103, 304.
- Helminthophaga celata, 15, 40, 211, 278, 331.
peregrina, 15.
ruficapilla, 15.
virginiae, 15, 331.
- Helminthophila celata lutescens, 352, 366.
chrysoptera, 102, 304, 359, 361, 363, 378.
gunni, 362.
lawrencei, 359, 361, 363.
leucobronchialis, 304, 359, 378, 361.
peregrina, 65.
pinus, 359, 361, 363, 378.
virginiae, 352.
- Helonaea swainsoni, 62, 104.
- Hen, Heath, 80, 82.
Prairie, 81, 82, 285.
- Henshaw, H. W., the Gulls of the Californian Coast, 231; list of birds observed in summer and fall on the upper Pecos River, 326; a new bird to Massachusetts, 384; the Baird's Sandpiper (*Actodromas bairdi*) at Locust Grove, New York, 384; the bill of the Horned Puffin (*Ceratorhina monocerata*), 387.
- Herodias alba egretta, 96, 299.
egretta, 110, 192.
- Heron, Black-crowned Night, 10, 192.
Great Blue, 10, 190, 221, 287.
Green, 287.
Little Blue, 272.
Night, 97, 287.
White, 96, 100, 192.
- Hesperiphona vespertina, 15, 174, 279, 334, 349.
- Heteractitis incanus, 157.
- Hierofalco gyrfalco, 204.
gyrfalco candicans, 205.
gyrfalco islandus, 205, 284.
gyrfalco obsoletus, 205.
gyrfalco sacer, 63.
holboelli, 205.
mexicanus polyagrurus, 17, 205, 285.
- Himantopus mexicanus, 18.
- Hirundo erythrogaster, 15, 141, 278, 366.
rustica, 366.
rustica erythrogastera, 366.
- Histrionicus histrionicus, 158, 337, minutus, 18.
- Hoffman, W. J., bird names of the Selish, Pah-Uta, and Shoshoni Indians, 7.
- Holterhoff, Godfrey, Jr., the Glossy Ibis and Avocet at San Diego, Cal., 311.
- Hoy, Dr. P. R., nest and eggs of the Golden-winged Warbler (*Helminthopila chrysoptera*), 102.
- Hummingbird, Black-chinned, 310.
Costa, 310.
Refulgent, 199.
Ruby-throated, 9, 218, 256, 283, 299, 300.
- Hydrochelidon lariformis, 211.
lariformis surinamensis, 18, 112.
surinamensis, 289.
- Hylocichla fuscescens, 277.
fuscescens salicicola, 15.
mustelina, 278, 369.
unalascae, 330.
unalaškæ aububoni, 15, 330.
ustulata swainsoni, 15, 140, 277, 330.
- Hylotoma, 51, 52.
- Hylotomus, 51, 52.
pileatus, 283.
- IBIS, Glossy, 311.
White, 287.
Wood, 213, 221, 311.
- Icteria virens, 278.
virens longicauda, 15, 141.

- Icterus bullocki, 16, 142, 282.
cucullatus, 159, 292.
cucullatus igneus, 292.
cucullatus nelsoni, 292.
curasoënsis, 291.
galbula, 16, 55, 58, 251, 282,
 298.
parisorum, 1, 355.
spurius, 16, 251, 282.
- Ictinia subcærulea, 19.
- Indigo-bird, 151.
- Ingersoll, Ernest, notice of his 'Country Cousins; Short Studies in the Natural History of the United States,' 91.
- Ionornis martinica, 63.
- Iridoprocne bicolor, 189.
- JACANA, Brazilian, 337.
- Jay, Blue, 100, 101, 253, 265, 282.
 Blue-fronted, 217.
 Canada, 99, 107, 265, 335.
 Long-crested, 125.
 Piñon, 9.
 Steller's, 174.
- Jeffries, Wm. A., the Common Cormorant off Boston Harbor, 112.
- Jer-Falcon, Brown, 90.
 White, 90.
- Jordan, David Starr, notice of his 'Manual of the Vertebrates of the Northern United States,' 208.
- Junco, 115, 116, 117, 380.
 Mexican, 198.
 Slate-colored, 146.
 White-winged, 306.
- Junco aikeni, 16, 32.
annectens, 16, 306.
caniceps, 16, 123, 124, 141.
cinereus, 174, 198, 363, 364.
cinereus caniceps, 174, 355.
cinereus dorsalis, 354, 364.
cinereus palliatus, 354, 364.
hyemalis, 16, 63, 146, 280,
 306.
oregonus, 16, 123, 124, 141,
 174.
- KELLS, Wm. L., foster parents of the Cowbird, 106.
- Killdeer, 285.
- Kingbird, 108, 253, 283.
 Western, 283.
- Kingfisher, 9, 95, 238, 260, 283, 311.
- Kinglet, Golden-crested, 265, 277.
 Ruby-crowned, 93, 98, 99, 173,
 277, 330.
- Kitchen, J. M. W., on the function of the inferior larynx in birds, 24.
- Kite, Mississippi, 21.
- Kite, Swallow-tailed, 19, 192, 284,
 347.
- Kittiwake, 266.
 Pacific, 22.
- Knot, 312, 375.
- LAGOPUS albus, 63, 221.
albus allenii, 201.
hyperborea, 95.
islandorum, 95.
lucurus, 14, 17, 95.
muta, 94.
muta vulgaris, 95.
ridgwayi, 95.
rupestris, 63, 95, 157, 194,
 221.
ruprestris atkhensis, 95.
rupestris nelsoni, 95.
rupestris reinhardti, 95, 195.
welchi, 194.
- Lamponnis thalassinus, 295.
- Lampronetta fischeri, 63, 201.
- Langille, J. H., notice of his 'Our Birds in their Haunts,' etc., 91.
- Lantz, D. E., the song of *Cardinalis virginianus*, 307.
- Lanius melanopygius, 291.
- Lanius borealis, 15, 212, 279.
ludovicianus, 210, 379.
ludovicianus excubitorides, 15, 279, 332.
- Laniivreo solitarius plumbeus, 15, 141.
- Lark, Horned, 189, 217, 239, 282,
 296.
 Meadow, 250, 266.
 Mexican Meadow, 198.
 Shore, 100.
 Western Meadow, 8, 282.
- Larus argentatus smithsonianus,
 232, 288.
brachyrhynchus, 232.
californicus, 232.
canus, 232.
delawarensis, 18, 232, 288.
franklini, 288.
glaucus, 37, 63.
occidentalis, 232.
philadelphiae, 232.
- Lawrence, G. N., notice of his paper describing new species of American birds, 290; descriptions of new species of the family Columbidæ, 337.
- Leucosticte atrata, 16.
griseinucha, 157.
tephrocotis, 16.
tephrocotis littoralis, 16.
- Ligea, 295.

- Limosa fedoa, 18, 286.
 fœda, 385
 hæmistica, 286.
 lapponica novæ-zelandiæ, 63,
 201.
 Lobipes hyperboreus, 18, 63, 192,
 315.
 Lomvia arra, 63.
 arra bruennichi, 38.
 Long-beak, Greater, 273.
 Longspur, Chestnut-collared, 280,
 333.
 Lapland, 23, 190, 280, 334.
 Painted, 190.
 Smith's, 280.
 Loomis, Leverett M., supplementary
 notes on the ornithology of Ches-
 ter County, S.C., 168.
 Loon, 289.
 Lophodytes cucullatus, 18, 144, 288.
 Lophophanes bicolor, 277.
 inornatus griseus, 15.
 wollweberi, 349.
 Lophortyx californica, 10, 247, 372.
 californicus brunnescens, 208,
 372.
 gambeli, 131, 247, 301.
 gambeli X californica, 247.
 Loxia albiventris, 207.
 americana, 379.
 curvirostra, 207.
 curvirostra americana, 8, 16,
 105, 207, 212, 333.
 curvirostra bendirei, 128, 207.
 curvirostra mexicana, 207, 372.
 curvirostra stricklandi, 372.
 leucoptera, 16, 210.
 ptyiopsittacus, 207.
 Lunda cirrhata, 159, 388.
 M'CALLUM, G. A., albinism, 113.
 McKinley, James, field notes from
 Pictou County, Nova Scotia, 39.
 Macrorhamphus griseus, 18, 374.
 griseus scolopaceus, 37, 63,
 273, 286.
 Magpie, Black-billed, 9, 282.
 Mallard, 100, 112, 289, 336.
 Mareca americana, 18, 288.
 penelope, 373.
 Martin, Purple, 55, 57, 98, 279, 299,
 300.
 Megascops, 184.
 asio, 184.
 asio bendirei, 184.
 asio flordanus, 184.
 asio kennicotti, 184.
 asio maccalli, 184.
 asio maxwelliæ, 184.
- Megascops flammeolus, 184.
 trichopsis, 184.
 Melanerpes erythrocephalus, 17, 63,
 143, 259, 283.
 formicivorus bairdi, 8, 174,
 356.
 torquatus, 17, 143.
 Melanetta fusca, 291.
 Meleagris gallopavo, 10.
 gallopavo americana, 17, 285.
 Melopelia leucoptera, 17, 229.
 Melospiza cinerea, 157.
 fasciata, 95, 147, 280.
 fasciata fallax, 16, 141.
 fasciata montana, 124, 236,
 georgiana, 372,
 lincolni, 16, 65, 142, 280, 354.
 palustris, 149, 189, 216, 280,
 372, 380.
 Merganser, 266.
 Hooded, 112, 193.
 Merganser serrator, 158.
 Mergus cucullatus, 193, 372.
 merganser, 372.
 mergus americanus, 18, 144,
 288.
 serrator, 201, 241, 372.
 Merlin, Richardson's, 285.
 Merriam, C. Hart, preliminary re-
 port of the Committee on Bird
 Migration, 53; notice of his paper
 on the Birds of the Bermudas, 95;
 nest and eggs of the Blackburnian
 Warbler, 103; Swainson's War-
 bler off Southern Florida, 104;
 a remarkable migration of Canada
 Jays, 107; the White Pelican on
 Lake Ontario, 111; third adden-
 dum to list of birds ascertained to
 occur within ten miles from Point
 des Montes, Province of Quebec,
 Canada; based chiefly upon notes
 of Napoleon Comeau, 113; Com-
 mittee on the Migration and Geo-
 graphical Distribution of North
 American Birds; Circular for
 1885, 117; change of color in the
 wing-feathers of the Willow
 Grouse, 201; probable breeding of
 the Wheatear (*Saxicola ænanthe*)
 on the northern shore of the Gulf
 of St. Lawrence, 305; eggs of the
 Knot (*Tringa canutus*) found at
 last, 312; fourth addendum to list
 of birds ascertained to occur with-
 in ten miles of Point de Monts,
 Province of Quebec, Canada; bas-
 ed chiefly upon the notes of Napo-

- leon A. Comeau, 315; Kirtland's Warbler from the Straits of Mackinac, 376; odd nesting habits of the Blue Yellow-backed Warbler in Missouri, 377; Swainson's Warbler in Jamaica, 377; an albino Surf Duck (*Cedemia perspicillata*), 372.
- Merrill, J. C., republication in 'The Auk' of Descriptions of New North American birds,—a suggestion, 389.
- Merula merula*, 129.
migratoria, 55, 277, 303, 304.
migratoria propinqua, 15, 140, 330.
torquata, 129.
- Micrathene whitneyi*, 231.
- Microligia*, 295.
- Micropalama himantopus*, 273, 286.
- Milvulus forficatus*, 218.
- Mimocichla ardesiaca*, 295.
- Mimus carolinensis*, 55, 215, 297.
gilvus rostratus, 291.
polyglottus, 15.
- Minor Ornithological Publications, 96, 209, 295, 372.
- Mitrephorus pallidescens*, 207.
- Mniotilla varia*, 15, 62, 278.
- Mockingbird, 86, 98.
- Molothrus aeneus*, 211.
ater, 16, 49, 50, 106, 142, 282,
309.
pecoris, 49, 50, 152.
- Motacilla ocularis*, 157.
- Murdoch, John, notes on some species of birds attributed to Point Barrow, Alaska, 200.
- Muscicapa atra*, 51.
carolinensis fusca, 51.
fulvifrons, 207.
fusca, 51.
nunciola, 51.
phœbe, 51.
- Myiadestes townsendi*, 15, 128, 140, 331.
- Myiarchus crinitus*, 254.
cinerascens, 17, 98.
lawrencei, 208.
lawrencei olivaceus, 198, 208.
mexicanus magister, 198, 207.
- platyrhynchos, 295.
- Myiodioctes canadensis*, 65.
minutus, 372.
pusillus, 278, 330, 332.
- NAUCLERUS forficatus**, 284.
- Nelson, E. W., counter-notes on some species of birds attributed to Point Barrow, Alaska, 239.
- Neocorys spraguei*, 269.
Nests and eggs of the birds of Ohio, notice of work on, 289.
- Nettion carolinensis*, 18, 144, 201, 241, 288.
- Newton, Alfred, notice of his article 'Ornithology,' 205.
- Nighthawk, 55, 178, 283.
Cuban, 182.
Western, 182, 283.
- Night-jar, 257.
- Numenius borealis*, 63, 273, 287.
hudsonicus, 10, 143, 201 241, 287.
longirostris, 10, 18, 208, 273, 286.
- Nutcracker, Clarke's, 282.
- Nuthatch, Pigmy, 126, 172, 330.
Red-bellied, 265, 277.
Slender-billed, 126, 127, 172, 277, 330.
White-bellied, 93, 98, 265.
- Nuttall Ornithological Club, 116, 224, 390.
- Nutting, Charles C., notice of his paper on a collection of Nicarguan birds, 293.
- Nyctala acadica*, 272, 284.
tengmalmi richardsoni, 384.
- Nyctea nyctea*, 157.
scandiaca, 37, 63, 284.
- Nyctherodius violaceus, 18.
- Nyctiardea gardeni*, 299.
grisea nævia, 10, 192, 287.
- Nymphicus novæ-hollandiæ*, 314.
- OCEANODROMA furcata, 158.
- Ochthodromus wilsonius, 221, 273.
- Cedemia americana*, 18, 158.
perspicillata, 158, 386.
- Cednicnemus dominicensis*, 110.
- Cestrelata defilippiana*, 292.
fisheri, 292.
- Old-squaw, 266.
- Olor americanus*, 10.
buccinator, 287.
columbianus, 157.
- Onychotes gruberi*, 293.
solitarius, 293.
- Oreoscoptes montanus*, 8, 13, 15, 140.
- Oriolus ater*, 49.
niger, 50.
- Oriole*, Baltimore, 55, 58, 86, 101, 251, 282, 298, 290.
Black, 49.
Bullock's 282.
Hooded, 159.
Orchard, 251, 282.
Scotts, 1.
- Ortolan, 190.

- Ortygia, 45.
 Ortygis, 45.
 Ortyx, 45.
 Ortyx virginiana, 14, 213, 285, 296,
 297, 299, 315.
 douglasii, 46.
 elegans, 46.
 graysoni, 227, 297.
 massena, 46.
 montezumæ, 46.
 picta, 46.
 Oryzoborus nuttingi, 294.
 Osgood, Fletcher, the Chuck-will's-widow (*Antrostomus carolinensis*) in Massachusetts, 220.
 Osprey, 192.
 Oxyechus vociferus, 18, 143, 285.
 Otocoris alpestris, 282.
 Ouzel, Water, 8, 234, 330.
 Owl, Acadian, 266.
 American Long-eared, 9.
 Barn, 192, 210, 284.
 Barred, 100, 189, 266, 284.
 Burrowing, 9, 284.
 Great Horned, 99, 266, 284.
 Hawk, 31, 108, 220, 383.
 Little Screech, 9.
 Long-eared, 99, 192, 284.
 Marsh, 189.
 Monkey-faced, 101.
 Richardson's, 384.
 Saw-whet, 272, 284.
 Screech, 101, 260, 284, 296.
 Short-eared, 87, 99, 100, 189,
 284.
 Snowy, 37, 366, 284.
 Western Horned, 9.
 White, 192.
 Oyster-catcher, 384.
 PAGOPHILA eburnea, 63.
 Palmer, William, abundance of
 Parus atricapillus near Washington, 304.
 Pandion haliaëtus, 192.
 haliaëtus carolinensis, 285.
 solitarius, 293.
 Paroquet, Cockatoo, 314.
 Parra chavarria, 338.
 dominica, 338, 339.
 jacana, 339, 338.
 senegalla, 338, 339.
 variabilis, 338.
 Parula americana, 15, 61, 62,
 377.
 nigrilora, 368.
 pitayumi, 368.
 Parus atricapillus, 304.
 atricapillus septentrionalis,
 15, 277.
- Parus atricapillus turneri, 207, 331.
 carolinensis, 304.
 cinctus, 372, 373.
 cinctus obtectus, 372.
 montanus, 15, 126, 127, 140,
 331.
 Passer domesticus, 190, 300.
 Passerculus alaudinus, 292.
 anthinus, 212.
 bairdi, 268.
 beldingi, 292.
 princeps, 36, 105.
 rostratus, 198, 230.
 sandwichensis, 157.
 sandwichensis alaudinus, 16,
 201, 241.
 sandwichensis bryanti, 292.
 sandwichensis savanna, 16,
 272, 280.
 savanna, 65, 376.
 Passerella iliaca, 150, 281.
 iliaca schistacea, 16.
 Passerina amœna, 16, 142, 281.
 ciris, 276.
 cyanea, 16, 151, 289.
 versicolor, 198.
 Pedicètes phasianellus campes-tris, 208.
 phasianellus columbianus, 285.
 Pelagodroma marina, 386.
 Pelecanus erythrorhynchus, 18, 111,
 144, 288.
 Pelican, Frigate, 113.
 White, 111, 288.
 Pelidna alpina americana, 18, 63.
 subarquata, 63.
 Pelionetta perspicillata, 95.
 Perisoreus canadensis, 335.
 Perissoglossa tigrina, 32.
 Petrel, Stormy, 99.
 White-faced Stormy, 386.
 Petrochelidon lunifrons, 15, 279,
 366.
 pyrrhonota, 366.
 Peucaea æstivalis, 106.
 æstivalis bachmani, 106.
 æstivalis illinoensis, 105, 106,
 299.
 arizonæ, 226, 370.
 botteri, 370.
 carpalis, 228.
 cassini, 226.
 mexicana, 370.
 ruficeps boucardi, 354.
 Peucedramus olivaceus, 172, 349,
 352.
 Pewee, 51.
 Wood, 255.

- Phænicothraupis carmioli, 291.
 Phainopepla nitens, 228, 242.
 Phalacrocorax carbo, 97, 112, 210.
 dilophus, 112, 288.
 dilophus albociliatus, 208.
 dilophus cincinnatus, 158.
 pelagicus, 158.
 Phalænoptilus nuttalli, 9, 17, 143,
 283, 356, 382.
 Phalarope, Northern, 183, 192.
 Red, 183.
 Wilson's, 183, 273, 286.
 Phalaropus fulicarius, 63.
 lobatus, 157, 183.
 tricolor, 183.
 Philacte canagica, 158.
 Philohela minor, 261, 286.
 Philomachus pugnax, 336.
 Philortix, 45.
 Phœdotomus, 52.
 Phœbe, 51, 98, 108, 154, 283.
 Phonipara, 48.
 Phylloscopus borealis, 373.
 Pica canadensis, 95.
 rustica hudsonica, 9, 16, 142,
 282.
 Picoides arcticus, 210.
 tridactylis dorsalis, 17.
 Picicorvus columbianus, 16, 282.
 Picus insularis, 115.
 nuttalli, 213.
 pileatus, 52.
 pubescens, 257, 283.
 pubescens gairdneri, 17, 126,
 143.
 stricklandi, 199.
 villusos, 100, 115, 373.
 villusos harrisi, 9, 17, 127,
 174, 283, 356.
 Pigeon, Band-tailed, 174.
 Passenger, 285.
 Wild, 40.
 Pinicola enucleator, 15.
 Pintail, 288.
 Pittasoma michleri zeledoni, 291.
 Pipilo aberti, 16.
 chlorurus, 16, 142.
 erythrophthalmus, 150, 282,
 308, 369.
 fuscus mesoleucus, 16, 228,
 237.
 maculatus arcticus, 142, 282.
 maculatus arcticus megalonyx, 16.
 maculatus megalonyx, 128,
 355.
 Plautus, 183.
 Plegadis guarauna, 18.
 Plectrophenax hyperboreus, 291.
 nivalis, 157.
 Plectrophanes lapponicus, 23, 334.
 nivalis, 16, 23, 63, 279.
 ornatus, 23.
 pictus, 23.
 Plover, Belted Piping, 285.
 Black-bellied, 32, 41, 285.
 Field, 286.
 Golden, 41, 285.
 Killdeer, 285, 375.
 Piping, 37.
 Semipalmated, 285.
 Snowy, 335.
 Upland, 212, 297.
 Wilson's, 221, 273.
 Podasocys montanus, 18, 143.
 Podiceps auritus, 340.
 californicus, 340.
 clarkii, 313.
 cornutus, 193, 314.
 griseigena holboelli, 314.
 holboelli, 18.
 occidentalis, 313, 314.
 Podilymbus podiceps, 18, 96, 289,
 314, 388.
 Pochard, American, 193.
 Polioptila caerulea, 15, 272, 334, 349,
 plumbea, 228.
 Polysticte stelleri, 63.
 Poecetes gramineus, 23, 280, 315.
 gramineus confinis, 16, 141.
 Poor-will, 9, 283, 382.
 Porzana carolina, 18, 62, 190, 209,
 287.
 jamaicensis, 299.
 leucogastra, 294.
 noveboracensis, 110, 274, 385.
 Pratincola rubicola, 129.
 Procellaria hypoleuca, 387.
 marina, 387.
 Progne subis, 15, 55, 57, 228, 279,
 299.
 Protonotaria citrea, 32.
 Psaltriparus griseus, 208.
 minimus californicus, 207.
 plumbeus, 15.
 Pseudogryphus californianus, 167.
 Ptarmigan, Rock, 193, 222.
 Willow, 221.
 Puffin, Horned, 387.
 Pyrrhula æstiva cooperi, 15, 198,
 372.
 hepatica, 197.
 ludoviciana, 8, 15, 141, 333,
 354.
 rubra, 95, 278.
 rubra cooperi, 372.

- Pyrrhuloxia sinuata, 228.
QUAIL, 285, 296.
 Arizona, 296, 299, 301.
 California, 10, 295.
 Florida, 45.
 Grayson's, 45, 297.
 Masked, 199.
 Massena, 46.
 Migratory, 301.
 Mountain, 300.
 Texan, 45.
Querquedula carolinensis, 18, 144, 193, 372.
 cyanoptera, 112.
 discors, 18, 144, 288, 372.
Quiscalus, 43.
 purpureus, 189.
 purpureus æneus, 16, 282.
RAIL, Carolina, 190.
 Clapper, 98, 274.
 Red-breasted, 287.
 Sora, 98, 287.
 Virginia, 96, 98, 192, 287.
 Yellow, 274, 385.
Rallus elegans, 287.
 longirostris crepitans 274.
 virginianus, 18, 144, 192, 287.
Raven, American, 9, 174, 282.
Recurvirostra americana, 18, 144, 210, 211, 286.
Redbird, Cardinal, 300.
 Summer, 98.
Red-head, 193, 288.
Redpoll, Lesser, 99, 264, 279.
Redstart, American, 98, 278.
Regulus calendula, 14, 15, 173, 277, 311.
 japonicus, 291.
 satrapa, 15, 277, 301.
Ricker, C. B., a specimen of *Helminthophila leucobronchialis* in New Jersey, 378.
Ridgway, Robert, on *Buteo harlani* (Aud.) and *B. cooperi* (Cass.), 165; remarks on the Californian Vulture (*Pseudogryphus californianus*), 167; note on *Sarcorhamphus æquatorialis* Sharpe, 169; notice of his paper on the American Red Crossbills, 206; notices of his papers on various American birds, 207, 290, 370; do. of his paper on the birds of Cozumel Island, 294; description of a new Cardinal Grosbeak from Arizona, 343; *Helminthophila leucobronchialis*, 359; on *Funco cinereus* (Swain.) and its geographical races, 363; notice of his paper on the type specimen of *Buteo oxypterus*, 371; do. emended names of North American birds, 371; a Petrel new to North America, 386; announcement of his nomenclature of Colors and Compendium, etc.
Ridgway Ornithological Club, 116, 319.
Rhodostethia rosea, 63.
Rhyacophilus solitarius, 18.
Rhynchofalcus fusco-cærulescens, 405.
Rhynchophanes macconnii, 16.
Rhynchos nigra, 193, 299.
Rissa brevirostris, 158.
 tridactyla kotzbuei, 222, 213.
 tridactyla pollicaris, 158.
Rives, Wm. C., Jr., M. D., nesting of the Worm-eating Warbler (*Helmintherus vermivorus*) in Virginia, 103; notice of his 'The Birds of Newport,' 208.
Robin 55, 102, 211, 277, 300, 303, 304.
 Western, 330.
Ruff, 336.
SAGE, John H., return of Robins to the same nesting place, 304; another example of *Helminthophila leucobronchialis* from Connecticut, 304; nesting of the Worm-eating Warbler (*Helminthotherus vermivorus*) in Southern Connecticut, 305; occurrence of the Sharp-shinned Hawk in New Hampshire in winter, 311.
Salpinctes obsoletus, 15, 234, 277.
Sandpiper, Baird's, 273, 384.
 Bartram's, 375.
 Bonaparte's, 286.
 Buff-breasted, 286.
 Least, 192, 286.
 Pectoral, 286, 374.
 Semipalmated, 286.
 Solitary, 286.
 Spotted, 286.
 Stilt, 273, 287.
 Western Semipalmated, 110, 384, 385.
Sarcogrammus cinereus, 339.
 goënsis, 339.
 indicus, 339.
 inornatus, 339.
Sarcorhamphus æquatorialis, 169.
 gryphus, 168, 269, 171.
Saunders, W. E., the Black-throated Bunting, Yellow-breasted Chat, and Connecticut Warbler in Ontario, 307.

- Saxicola cenanthe, 15, 113, 305.
 Sayornis, 51.
 fusca, 108, 283.
 phœbe, 51, 254, 369.
 sayi, 17.
 Scardafella inca, 228.
 Scolecophagus cyanocephalus, 13,
 142, 282.
 ferrugineus, 106, 252, 282, 373.
 Scops, 183.
 asio, 9, 184, 260, 284.
 asio maxwelliæ, 17.
 flameolus, 17.
 indicus, 184.
 Scopus, 184.
 Scott, W. E. D., on the breeding
 habits of some Arizona birds; I,
 Icterus parisorum, 1; II, *Icterus*
 cucullatus, 159; III, *Phainopepla*
 nitens, 242; IV, *Vireo vicinior*,
 321; winter mountain notes from
 Southern Arizona, 172; early
 spring notes from the mountains
 of Southern Arizona, 348.
 Scott, W. L., the Great White Egret
 and the Yellow Rail in Ottawa,
 Canada, 110; on the names 'Snow-
 bird' and Winter Wren, 114.
 Seeböhm, Henry, notice of his 'A
 History of British Birds,' etc., 88.
 Selasphorus flammula, 291.
 platycercus, 17.
 rufus, 17, 356.
 torridus, 291.
 Setophaga picta, 353.
 ruticilla, 15, 61, 62, 98, 141,
 278.
 Seton, Ernest E. T., Manitoban
 Notes, 21; the Swallow-tailed Fly-
 catcher in Manitoba and at York
 Factory, 218; notes on Manitoban
 birds, 267; nest and eggs of
 the Philadelphia Vireo, 305; the
 Western Grebe in Manitoba, 314;
 the popular names of birds, 316;
 interesting records from Toronto,
 Canada, 334.
 Sheldrake, American, 288.
 Hooded, 288.
 Shoveller, 112, 193, 288.
 Shrike, Great Northern, 238, 278.
 Loggerhead, 379.
 White-rumped, 279, 332.
 Shufeldt, R. W., notes of his me-
 moir on the osteology of *Ceryle*
 alcyon, 95; do. on the avian patel-
 la, 96; variations in the form of
 the beak, that take place during
 its growth, in the Short-tailed Al-
- batross (*Diomedea brachyura*),
 175; notice of his memoir on the
 osteology of *Numenius longirostris*, 208; on the feeding habits of
 Phalaenoptila nuttalli, 382; an-
 nouncement of his work entitled
 'Contributions to the Anatomy
 of North American Vertebrates,'
 391.
 Sialia arctica, 8, 15, 140, 234.
 mexicana, 15, 140, 172, 331,
 349.
 sialis, 15, 140, 277, 381.
 sialis azurea, 85.
 Simorhynchus cristatellus, 159, 341,
 388.
 psittacula, 159, 342.
 pygmæus, 159.
 Sitta canadensis, 15, 277.
 aculeatus, 15, 126, 172, 277,
 331, 349.
 carolinensis, 277, 321, 349.
 pygmaea, 15, 126, 172, 331,
 350.
 Siurus auricapillus, 15, 61, 62, 65,
 133, 278.
 motacilla, 91.
 naevius, 15, 278.
 Skimmer, Black, 193.
 Skylark, Missouri, 369.
 Smith, Hugh M., breeding of *Loxia*
 americana in the District of Co-
 lumbia, 379; *Eremites occiden-
 talis* on the lower Potomac, 385;
 Harelda hyemalis in Maryland in
 summer, 385.
 Snipe, American, 336.
 Red-bellied, 37, 286.
 Red-breasted, 374.
 Wilson's 286.
 Snowbird, 115, 117.
 Black, 98, 265, 280.
 White-winged, 32.
 Solitaire, Townsend's, 128.
 Somateria dresseri, 111, 113.
 mollissima, 111.
 spectabilis, 63.
 v-nigra, 63, 158, 386.
 Southwick & Jencks, southern range
 of *Rissa tridactyla kotzbeui*, 313.
 Sparrow, Baird's, 198, 333.
 Clay-colored, 280.
 Chipping, 145, 280.
 English, 190, 211, 296.
 Field, 145, 280.
 Fox-colored, 150, 281.
 House, 99.
 Harris's, 281.
 Henslow's, 190.

- Sparrow, Ipswich, 36, 97, 99, 105.
 Java, 314.
 Large-billed, 198.
 Leconte's, 23, 190, 280, 381.
 Lincoln's, 280.
 Oak-woods, 299.
 Savanna, 97, 272, 280.
 Song, 95, 147, 236, 263, 280.
 Swamp, 100, 149, 189, 216, 280, 307, 380.
 Titlark, 212.
 Tree, 144, 236, 262, 265, 280.
 White-crowned, 272, 281.
 White-throated, 281.
 Worthen's Field, 291.
 Yellow-winged, 280.
- Spatula clypeata*, 18, 112, 193, 288.
Speotyto cunicularia hypogaea, 9, 17, 143, 284.
- Spermophilus*, 47.
- Sphyrapicus thyroides*, 17, 174, 349.
 varius, 17, 258.
 varius nuchalis, 9, 17, 174.
- Spindalis benedicti*, 295.
 exsul, 295.
- Spiza americana*, 106, 192, 281.
- Spizella breweri*, 16.
 domestica, 145, 280.
 domestica arizonæ, 16, 141.
 montana, 16.
 monticola, 144, 280.
 monticola ochracea, 236.
 pallida, 16, 141, 280.
 pusilla, 145, 280.
 socialis, 380.
 wortheni, 291.
- Sporophila*, 47.
 moreletti, 47.
- Squatarola helvetica*, 32, 63, 285.
- Steganopus wilsoni*, 18, 273, 286.
- Stejneger, Leonard, *Analecta ornithologica*: XVII, on the origin of the word *Quiscalus*, 43; XVIII, *Colinus*, not *Ortyx*, 44; XIX, is the name *Ortyx massena* tenable? 46; XX, *Cyanolesbia*, strictly correct, 46; XXI, concerning the names of some North American Spizinæ, 47; XXII, the correct name of the American Cowbird, 49; XXIII, remarks on the generic name *Sayornis* and on *Sayornis phœbe*, 51; XXIV, on the proper generic name of the Pileated Woodpecker and allies, 51; XXV, Why *Chordeiles virginianus* and not *Ch. popetue?* 178; XXVI, on the generic names of the Phalaropes, 182; XXVII,
- Scops* preoccupied, 183; XXVIII, on Gyrfalcons, 184; XXIX, *Falca cana contra Parra*, 337; *Colymbus nigricollis*, not a North American Bird, 340; XXXI, "Simorhynchus Merrem, 1819," 341; XXXII, *Dendroica vigorsii* (Aud.), 343; notice of his paper on the Wrens of the subgenus *Anorthura*, 94; do. the Ptarmigans of the group *Attagen*, 94; do. descriptions of new species of birds from Kamtschatka, 95; do. list of recent ornithological publications in the United States, 95; notice of his paper on the genus *Cephus*, 294; on the alleged occurrence of the Pacific Eider in Labrador, 386.
- Stelgidopteryx serripennis*, 15, 141, 279.
- Stephens, F., notes of an ornithological trip in Arizona and Sonora, 225.
- Stercorarius crepidatus*, 63.
 longicaudus, 158.
 parasiticus, 18, 63, 158, 232.
 pomatorhinus, 63.
- Sterna anastetha*, 230.
 anglica, 38.
 antillarum, 289.
 forsteri, 18, 289.
 macrura, 63.
 paradisea, 158.
- Strepsilas interpres*, 63.
- Strix nebulosa*, 189, 284.
- Sturnella magna*, 250.
 magna mexicana, 198.
 neglecta, 13, 16, 142, 282.
- Sula bassana*, 98.
- Surnia funerea*, 31, 108, 220.
- ulula caparoch*, 383.
- Swallow*, Bank, 87, 279.
 Barn, 278, 266.
 Cliff, 279, 366.
 European Chimney, 366.
 Rough-winged, 279.
 Violet-green, 279, 333.
 White-bellied, 86, 98, 189, 278.
- Swan*, Trumpeter, 287.
 Whistling, 10, 193.
- Swift*, Chimney, 257, 283.
 White-throated, 9.
- Sylvania microcephala*, 372.
- Sylvia pinus*, 343.
 solitarius, 343.
 vigorsii, 343.
- Symphearia semipalmata*, 18, 286, 289.

- Synthliborhamphus antiquus*, 159.
TACHYCIETA bicolor, 15, 278.
 thalassina, 15, 141, 279, 333,
 354.
Tachyptes aquila, 113.
Tanager, Cooper's, 198.
 Liver-colored, 197.
 Louisiana, 333.
 Scarlet, 278.
 Western, 8.
Tantalus loculator, 18, 221, 311.
Teal, Blue-winged, 112, 288, 375.
 Green-winged, 193, 238, 288,
 295.
Telmatodytes palustris, 15, 190, 278.
Tell-tale, Greater, 192.
 Lesser, 189.
Teretrists fernandina, 368.
 fornsi, 368.
Tern, Black, 112.
 Gull-billed, 38.
Thalassidroma pelagica, 99.
Thompson, Frank J., recent occurrence of the Black Vulture in Ohio, 109; the *Edicnemus dominicensis* in confinement, 110.
Thrasher, Brown, 277.
 Leconte's, 196.
 Palmer's, 196.
 Sage, 8.
Thrush, Brown, 98, 277, 298.
 Dwarf, 330.
 Golden-crowned, 98, 278.
 Long-billed Water, 91.
 Olive-backed, 98, 277.
 Rocky Mountain Hermit, 330.
 Russet-backed, 85.
 Small-billed Water, 278.
 Swainson's, 330.
 Wilson's, 277.
 Wood, 72, 215, 277, 288.
Thryomanes bewickii leucogaster, 140.
Titlark, 209, 278.
Tinnunculus sparverius, 17, 143,
 285.
 sparverius isabellinus, 205.
Titmouse, Tufted, 277.
Totanus flavipes, 18, 143, 189, 286.
 melanoleucus, 18, 99, 193, 286.
 solitarius, 374.
Towhee, 282.
 Cañon, 237.
 Northern, 282.
 Spurred, 128.
Townsend, Charles H., the occurrence of the Catbird (*Mimus carolinensis*) on the Farallone Islands, Pacific Ocean, 215.
Townsend, Charles W., the Black-throated Bunting in Maine, 106.
Tringa canutus, 63, 312, 375.
 maculata, 157, 374.
 minutilla, 376.
Tringoides macularius, 18, 143, 286,
 298.
Trochilus alexandri, 310.
 colubris, 17, 218, 256, 283,
 299.
Troglodytes aëdon, 140, 278.
 aëdon marianæ, 351.
 aëdon parkmani, 15, 278.
 alascensis, 94, 157.
 beani, 295.
 borealis, 94.
 fumigatus, 94.
 hiemalis, 94.
 hiemalis pacificus, 94.
 parvulus, 94.
 parvulus bergensis, 94.
Tryngites rufescens, 63, 286.
Turdus migratorius, 102, 114.
 mustelinus, 215.
 unalascae auduboni, 349.
 ustulatus, 85.
 ustulatus aliciae, 190.
Turkey, Wild, 10, 174, 285.
Turner, Lucien M., notes on the birds of the Nearer Islands, Alaska, 154; notice of his 'List of the Birds of Labrador,' 368; familiar Chipping Sparrows, 380.
Tyrannula cooperi, 208.
 mexicana, 208.
Tyrannus carolinensis, 17, 142, 253,
 283.
 tyrannus, 369.
 verticalis, 17, 143, 283.
 vociferans, 17.
URIA grylle, 63.
 lomvia, 159.
Urinator lumine, 159.
 pacificus, 159.
Utamania torda, 38.
VIREO approximans, 291.
 atricapillus, 274.
 bairdi, 295.
 belli, 101.
 carmioli, 291.
 gilvus, 279.
 gilvus swainsoni, 332, 354.
 huttoni stephensi, 197, 354.
 magister, 295.
 noveboracensis, 369.
 olivaceus, 65, 279.
 philadelphicus, 65, 272, 279,
 305.
 pusillus, 197.

- Vireo solitarius, 65, 279.
 solitarius cassini, 332.
 solitarius plumbeus, 332.
 vicinior, 321.
- Vireo, 117.
 Arizona, 321.
 Bell's, 101.
 Blue-headed, 279.
 Cassin's, 332.
 Gray, 321.
 Philadelphia, 272, 279, 305.
 Plumbeous, 332.
 Red-eyed, 98, 279.
 Stephens's, 197.
 Swainson's, 332.
 Warbling, 279.
 White-eyed, 72.
- Vireolanius pulchellus verticalis, 293.
 cinerea, 295.
- Vireosylvia cinerea, 295.
 gilva, 141.
 grandior, 291.
- Vultur californianus, 169.
- Vulture, Black, 109.
 California, 167.
- WARBLER**, Audubon's, 329, 331.
 Bay-breasted, 272.
 Black-and-Yellow, 278.
 Blackburnian, 103.
 Black-capped, 278.
 Black-capped Yellow, 278.
 Black-poll, 278.
 Black-throated Gray, 197.
 Black-throated Green, 98.
 Blue-winged Yellow, 98, 378.
 Blue Yellow-backed, 97, 377.
 Cape May, 32, 33.
 Cerulean, 278.
 Connecticut, 104, 308.
 Golden Swamp, 32.
 Golden-winged, 102, 378.
 Grace's, 331.
 Hooded, 72, 190.
 Kirtland's, 376.
 Macgillivray's, 332.
 Mourning, 278.
 Olive, 172.
 Orange-crowned, 278, 330.
 Prothonotary, 97.
 Prairie, 278.
 Pine-creeping, 278, 343, 381.
 Red-poll, 104.
 Swainson's, 54, 65, 104, 105,
 301, 305, 346, 377.
 Tennessee, 190.
 Townsend's, 331.
 White-throated, 378.
 Worm-eating, 103, 305.
- Warbler, Yellow, 331.
 Yellow-bellied Red-poll, 190.
 Yellow-rumped, 98, 216, 278,
 307, 380, 381.
 Yellow-throated, 72.
- Waxwing, Cedar, 279.
 Northern, 279.
- Widmann, Otto, note on the capture
 of *Coturniculus lecontei* and *Dendroica kirtlandi* within the city
 limits of St. Louis, Mo., 381.
- Wilcox, Timothy E., introduced
 game birds in Oregon and Idaho,
 315.
- Willard, Samuel Wells, food of the
 Hummingbird (*Trochilus columbris*), 218; the occurrence of
Chroicocephalus franklini in Wisconsin, 222; notice of his paper
 on the birds of Brown and Outagamie Counties, Wis., 289.
- Willet, 286, 288.
- Wheatear, 113, 305.
- Whip-poor-will, 179, 257, 272.
- Wood, Dr. William, notice of death
 of, 391.
- Woodcock, 99, 213, 261, 286.
- Woodpecker, Black-backed, 265.
 Brown-headed, 174.
 California, 9, 174.
 Downy, 101, 257, 265, 283.
 Gairdner's, 126, 127.
 Golden-winged, 259, 284, 380.
 Hairy, 100, 265.
 Harris's, 9, 127, 174, 283.
 Nuchal, 174.
 Nuttall's, 213.
 Pileated, 51, 101, 283.
 Red-headed, 93, 99, 101, 209,
 258, 283.
 Red-bellied, 283, 335.
 Red-naped, 9.
 Red-shafted, 9, 174.
 Strickland's, 199.
 Yellow-bellied, 258, 301.
- Wren, Bewick's, 99.
 Cañon, 233.
 Carolina, 72, 86, 98, 209.
 House, 98, 278.
 Long-billed Marsh, 96, 190,
 278.
 Rock, 234, 277.
 Short-billed Marsh, 190, 278.
 Western House, 278.
 Winter, 213, 115.
- XANTHOCEPHALUS** icterocephalus,
 8, 16, 112, 192, 282.
- Xema sabini, 63.
- YELLOWBIRD**, Summer, 278.

- Yellow-legs, 286.
Greater, 99, 286.
Yellow-shanks, 189.
Yellow-throat, Maryland, 72, 98,
278, 367.
ZAMELODIA ludovicianana, 151, 192,
281.
melanocephala, 16, 99, 112,
142, 281.
Zeledon, José C., notice of his Catalogue of the Birds of Costa Rica,
370.
Zenaida bogotensis, 358.
- Zenaida rubripes*, 357.
ruficauda, 291, 357.
vinaceo-rufa, 291, 359.
Zenaidura carolinensis, 9, 17, 143,
285, 372.
macroura, 372.
Zonotrichia albicollis, 65, 281.
gambeli intermedia, 16, 141.
intermedia, 124.
leucophrys, 16, 65, 141, 272,
281.
querula, 281.