

INDEX TO VOLUME VIII.

- ACANTHIS brewsteri, 105.
Accipiter bicolor, 161.
cooperi, 107, 108.
velox, 137.
Actitis hypoleucus, 16.
macularia, 48, 77, 119, 137,
163, 166, 295, 300, 394.
Æchmophorus occidentalis, 366.
Ægialitis collaris, 163.
meloda, 351.
peronii, 16.
semipalmata, 48, 165, 190,
236, 298, 351.
vocifera, 76, 107, 296, 351, 394.
wilsonia, 76, 339, 350, 351.
Æstrelata caribbaea, 355.
hæsita, 62.
Agelaius phœnicurus, 132, 138, 195,
197.
phœnicurus bryanti, 71, 295,
296, 334, 350, 352.
Aix sponsa, 129, 131, 137, 290, 364,
366, 390, 391.
Ajaja ajaja, 351.
Alauda duponti, 92.
Albatross, Wandering, 388.
Alcedo asiatica, 10.
coromanda, 10.
meningting, 10.
pileata, 10.
Allen, F. H., summer birds of the
Bras d'Or region of Cape Breton
Island, Nova Scotia, 164.
Allen, J. A., description of a new
species of *Mimocichla*, from the
Island of Dominica, West Indies,
217; capture of *Geothlypis polio-*
cephala palpebralis in Cameron
County, Texas, 316; note on
Mimocichla verrillorum, 317.
Allenia montana, 42, 47, 48, 49.
Amazona festiva, 160.
leucocephala, 293.
ochrocephala, 160.
American Ornithologists' Union,
Eighth Congress of, 80.
American Ornithologists' Union
Check-List of North American
Birds, Third supplement to the,
83.
Ammodramus caudacutus, 106.
caudacutus nelsoni, 115.
caudacutus subvirgatus, 115.
henslowii, 146, 385.
henslowii occidentalis, 145.
lecontei, 50, 51, 52, 168.
maritimus, 106, 133.
maritimus peninsulae, 133,
138.
sandwichensis savanna, 197,
334, 338, 339.
savannarum passerinus, 108,
167, 296.
savannarum perpallidus, 108.
Ampelis cedrorum, 138, 165, 166,
294, 295, 329, 395.
garrulus, 386.
Amphispiza belli cinerea, 86, 305.
Amydrus tristrami, 92.
Anas americana, 137, 363, 366.
boschas, 363, 366, 390.
carolinensis, 364, 366.
crecca, 112.
cyanoptera, 366.
discors, 364, 366.
fulvigula, 137.
maxima, 363.
obscura, 342, 363.
strepera, 363.
Anhinga anhinga, 129, 137, 180.
Anhinga, 180.
Ani, 74, 293, 386.
Groove-billed, 313.
Anorrhinus galeritus, 9, 10.
Anous stolidus, 48, 79, 358, 361.
Anser albifrons gambeli, 367.
condoni, 367.
Anthracoceros convexus, 9.
Anthus pensylvanicus, 300, 385.
Antrostomus carolinensis, 73, 135,
138, 190.
sp. incog., 30.

- Antrostomus vociferus*, 33.
Aquila chrysaëtos, 108, 113.
 pliogryps, 368.
sodalis, 368.
Ara ararauna, 159.
 chloroptera, 159.
 hyacinthina, 159.
 maracana, 159.
Aramides cayennensis, 163.
Aramus giganteus, 180.
Arboricola charltoni, 15.
Arboriphila charitonii, 15.
Ardea bahamensis, 78.
 candidissima, 137, 161, 351.
 cœrulea, 47, 77, 129, 130, 137,
 180.
 cyanirostris, 77.
 cyanurus, 161.
 egretta, 120, 137, 161, 180,
 294.
 herodias, 77, 107, 109, 165,
 233, 294-297.
 leucogastra leucopyrmina, 77.
 occidentalis, 107.
 paloccidentalis, 367.
 pealei, 335.
 rufescens, 77, 233, 296, 335.
 tricolor ruficollis, 71, 77, 130,
 137, 233, 295, 297, 337.
 virescens, 47, 48, 129, 137,
 232, 295, 350, 351.
 virescens bahamensis, 296,
 335, 337, 338.
 wardi, 128, 129, 135, 137.
Ardetta neoxena, 309.
Arenaria interpres, 164, 337, 351,
 352.
Argus grayi, 14.
Arsnicker, 77.
Asio wilsonianus, 108.
Asturina nitida, 161.
Attila citriniventris, 25.
 viridescens, 25.
 Audubon, J. J., notice of an edition
 of his 'Ornithological Biography',
 230.
Auk, Great, 174, 306, 388.
Averill, C. K., Jr., Brünnich's
 Murre in Connecticut, 307.
Aythya affinis, 128, 137, 294, 296,
 364.
 americana, 287, 364.
 collaris, 364.
 marila nearctica, 337, 338,
 366.
 vallisneria, 364.

BALDPATE, 363.
Bartramia longicauda, 24.

 Belding, L., notice of his 'Land
 Birds of the Pacific District', 104.
Bellona exilis, 47, 48.
Berlepschia rikeri, 26.
Bird, Banana, 70.
 Egg, 361.
 Gulf, 235.
 Man-o'-war, 71, 79, 363, 387.
 Red-billed Tropic, 362.
 Tropic, 293.
 Whale, 235.
 Yellow-billed Tropic, 249,
 362.
Bittern, 151.
 American, 386.
 Black, 309.
 Brown, 309.
 'Cory's', 309.
Blacicus bahamensis, 72.
 brunneicapillus, 49.
Blackbird, Bahaman Red-winged,
 71.
 Brewer's, 167.
 Crow, 167.
 Red-winged, 132, 197.
Bluebird, 128, 197, 239, 333.
Bobolink, 352.
Bob-white, 326, 387.
Bolles, F., Yellow-bellied Wood-
 peckers and their uninvited
 guests, 256.
Bonasa umbellus, 326, 387, 388, 390.
 umbellus togata, 165.
Booby, 250, 361, 363.
 Blue-faced, 363.
 Dry Land, 355.
 Red-footed, 362.
Botaurus lentiginosus, 107, 151,
 166, 386.
 neoxenus, 309.
Bowdish, B. S., the Yellowlegs
 (*Totanus flavipes*) breeding in
 Ontario County, N. Y., 394; the
 Turkey Vulture (*Cathartes aura*)
 in Ontario County, N. Y., 394;
 breeding of the Mourning War-
 bler in Ontario County, N. Y.,
 396.
Bowerbird, Tooth-billed, 115.
Brant, 342.
Branta bernicla, 342.
 canadensis, 341, 365, 367.
 hypsibatus, 367.
 propinqua, 367.
Brewster, W., a study of Florida
 Gallinules with some notes on a
 nest found at Cambridge, Massa-
 chusetts, 1; descriptions of seven
 supposed new North American

- birds, 139; notes on Bachman's Warbler (*Helminthophila bachmani*), 149; the Whistling Swan in Massachusetts, 232; *Megascops asio macfarlanei*—a correction, 237.
- Brewster, W., and Chapman, F. M., notes on the birds of the lower Suwanee River, 125.
- Brimley, C. S., on the breeding habits of *Dendroica vigorsii* at Raleigh, North Carolina, 199; Bachman's Warbler (*Helminthophila bachmani*) at Raleigh, N. C., 316.
- Brotogeris tovi*, 188.
 tui, 160.
 tuijpara, 160.
 virescens, 160.
- Browne, F. C., Scott's Oriole in California, 238.
- Bubo blakistonii*, 100.
 virginianus, 109, 368.
 virginianus subarcticus, 303.
- Bucco duvaucelii*, 8.
 maculatus, 158.
 tamatia, 158.
 tectus, 158.
- Buceros convexus*, 9.
 galeritus, 9.
 rhinoceros, 8.
- Bunting, Black-throated, 116.
 Indigo, 329.
- Busarellus nigricollis*, 161.
- Butastur indicus*, 13.
- Buteo borealis*, 48, 137, 327, 350.
 borealis harlani, 88.
 brachyurus, 90.
 harlani, 88.
 latissimus, 47.
 lineatus, 129, 137.
 lineatus aleni, 240.
 pennsylvanicus, 107.
- Butler, A. W., notice of his 'Birds of Indiana', 383.
- Buzzard, 293, 327.
 Turkey, 76, 109, 129, 391.
- CAHOON, J. C., death of, 320.
- Cairina moschata*, 161.
- Calcarius pictus*, 51, 52, 167.
- Calidris arenaria*, 119.
- Callialcyon coromanda*, 10.
- Callichélidon cyaneoviridis*, 70, 87,
 294, 295, 334, 350, 352.
- Callipepla squamata*, 389.
- Callolophus malaccensis*, 7.
 mentalis, 7.
- Calorhamphus fuliginosus*, 8.
 sanguinolentus, 8.
- Callothrus æneus*, 345.
 robustus, 273, 345.
- Calypte helena*, 187.
- Campephilus imperialis*, 175.
 principalis, 136, 137, 174.
 principalis bairdii, 175.
- Camptolaimus labradorius*, 174, 201.
- Canadian Institute, notice of ornithological notes in Transactions of, 302.
- Canvasback, 364.
- Cardinal, 127, 329.
- Cardinalis cardinalis*, 107, 127, 138,
 329.
- Carduelis carduelis*, 314.
- Caridagrus concretus*, 10.
- Carpodacus amplus*, 220-222.
 cassini, 220, 222.
 mexicanus frontalis, 220, 222.
 purpureus, 302.
- Carpophaga ænea*, 14.
- Catbird, 32, 66, 109, 152, 197, 333.
- Cathartista atrata*, 129, 137, 294.
- Cathartes aura*, 76, 109, 129, 137,
 161, 190, 293, 294, 298, 327,
 391, 394.
- Catharus melpomene*, 273.
- Cedarbird, 166.
- Celeus citrinus*, 31.
 ochraceus, 31.
- Centurus blakei*, 334, 350.
 nyeanus, 337.
 superciliaris, 190.
- Century Dictionary, notice of the ornithology of, 222.
- Ceophlaeus lineatus*, 30.
 melanoleucus, 30.
 pileatus, 95, 127, 138, 175, 245.
 tracheolopyrrhus, 30.
- Certhia bahamensis*, 37.
 bartolemica, 39.
 familiaris americana, 151.
 flaveola, 38.
 martinicensis s. *saccharivora*,
 40.
- Certhia albigula*, 40.
 atrata, 40.
 bahamensis, 37.
 bairdii, 37.
 bananivora, 38.
 barbadensis, 40.
 bartolemica, 39.
 caboti, 41.
 chisiæ, 38.
 chloropyga, 41.
 columbiiana, 41.

- Certhiola dominicana, 39.
 finschi, 40.
 flaveola, 38, 39.
flaveola portoricensis, 38.
 godmani, 38.
guianensis, 41.
luteola, 38.
magnirostris, 41.
majuscula, 41.
martinica, 40.
mexicana, 41.
newtoni, 39.
peruviana, 41.
portoricensis, 38.
saccharina, 39.
sancti-thomae, 38.
sharpei, 37.
sundevalli, 39.
wellsi, 40.
- Ceryle alcyon*, 46, 48, 75, 129, 137, 166, 294-296, 298, 327, 387.
amazona, 158.
americana, 158.
superciliosa, 158.
torquata, 158.
- Chaetura dominicana*, 48, 60.
dominicana colardeau, 59.
pelagica, 110, 135, 138, 196, 197, 327.
- Chamæpelia bahamensis*, 334.
- Chamberlain, M., see Hagerup, A. T.
- Chapman, F. M., note on *Junco hyemalis thurberi* Anthony, 115; notice of his paper on a collection of birds from British Columbia, 224; on two birds new to Louisiana, 318; former occurrence of *Spiza americana* in northern New Jersey, 395; see also Brewster, W.; also Riker, C. B.
- Charadrius dominicus*, 17, 107, 119, 300.
mongolicus, 100.
peronii, 16.
squatarola, 76.
veredus, 15.
xanthochilus, 16.
- Chat, Yellow-breasted, 332, 399.
- Chelidon erythrogaster*, 197, 352.
- Chelidoptera tenebrosa*, 159.
- Chen hyperborea*, 245, 365, 366.
- Cheney, S. P., some bird songs, 32.
- Cherrie, G. K., description of a new species of *Ramphocelus* from Costa Rica, 62; description of a supposed new *Myrmeciza*, 191; a preliminary list of the birds of San José, Costa Rica, 271; the Cedar Waxwing and American Dipper in Costa Rica, 395.
- Chewink, 108.
- Chickadee, Carolina, 333.
- Chicken, Prairie, 110.
- Chiroxiphia pareola*, 25.
- Chlorestes ricordii*, 188.
- Chlororhynchus affinis selysi*, 30.
flavigularis, 30.
- Chloropicus chlorocephalus*, 30.
mentalis, 7.
- Chondestes grammacus*, 52, 108, 390.
- Chordeiles minor*, 72, 350.
virginianus, 225.
- Chrysonotus miniatus*, 7.
- Chrysophlegma malaccensis*, 7.
mentalis, 7.
- Chrysotilus guttatus*, 30, 31.
punctigula, 31.
punctigula punctipectus, 31.
speciosus, 31.
- Chrysotus leucocephalus*, 188, 351.
- Chuck-will's-widow, 73.
- Churchill, G. B., Great Gray Owl in Worcester County, Mass., 313; European Goldfinch (*Carduelis carduelis*) breeding in Worcester County, Mass., 314.
- Ciccaba myrrhia, 12.
- Cichlherminia bonapartii, 43.
densirostris, 43.
dominicensis, 44.
fuscata, 42, 43, 48.
fuscata densirostris, 42, 43, 46, 47, 49.
herminieri, 43, 44, 49.
lawrencii, 44.
montana, 42.
sancta-luciae, 44.
- Cinclocerthia ruficauda*, 48, 49.
- Cinclus ardesiacus*, 395.
mexicanus, 395, 397.
- Cistothorus marianæ*, 239, 240.
palustris, 133, 138, 239.
stellaris, 133, 138, 173.
- Clangula hyemalis*, 214, 240, 366.
- Clivicola riparia*, 132, 135, 138, 197.
- Coccothraustes vespertinus*, 386, 391.
vespertinus montanus, 85, 391.
- Coccyczus americanus*, 47, 114, 320, 327, 351, 352.
erythrophthalmus, 302.
euleri, 159.
lindeni, 159.

- Coccyzus minor*, 47, 48.
 minor maynardi, 75, 294,
 295, 297, 336-338, 351, 394.
 sp.?, 165.
- Cœræba atrata*, 40.
 bahamensis, 37, 70, 294-298,
 334-339, 350, 351.
 bananivora, 38.
 barbadensis, 40.
 bartolemica, 39, 46.
 caboti, 41.
 chloropyga, 41.
 dominicana, 39, 47-49.
 flaveola, 37, 38.
 luteola, 38.
 martinicana, 40.
 mexicana, 41.
 mexicana columbiana, 41.
 mexicana magnirostris, 41.
 mexicana peruviana, 41.
 newtoni, 39, 48.
 portoricensis, 38.
 saccharina, 39.
 sharpei, 37.
 tricolor, 40.
 wellsi, 40.
- Colaptes auratus*, 93, 94, 138, 195,
 197, 328.
 ayresi, 93.
 cafer, 93.
 cafer saturatior, 93.
chrysoides, 94.
hybridus, 93.
mexicanoides, 94.
mexicanus, 93, 94.
ruficapileus, 93.
submexicanus, 94.
- Colburn, W. W., and Morris, R.O.,
 notice of their 'Birds of the
 Connecticut Valley in Massachusetts,'
 384.
- Colinus cubanensis*, 292, 293.
virginianus, 47, 294, 326, 387-
 392.
virginianus texanus, 389.
- Colluricincla fusca*, 43.
- Columba æneæ*, 14.
 corensis, 47.
 curvirostra, 13.
 intermedia, 99.
 jambu, 14.
leucocephala, 47, 71, 76, 295
 297.
locutrix, 162.
olax, 13.
rufina, 162.
speciosa, 161.
- Columbigallina passerina*, 47, 48,
 76, 137, 162, 190, 293-298.
- Columbigallina passerina bahamensis*, 334, 336-339.
talpacoti, 162.
- Colymbus auritus*, 366.
dominiculus, 337, 338, 350,
 354.
holbælli, 366.
nigricollis californicus, 366.
- Comeau, N. A., the Robin wintering at Godbout, Quebec, 317.
- Compsothlypis americana*, 47, 48,
 67, 69, 127, 132, 138, 152-
 155, 295-297, 331, 335, 338,
 398.
- Contopus bahainensis*, 294, 334-336,
 350, 351.
borealis, 105, 165.
musicus, 89.
pertinax, 89, 314.
richardsonii, 145.
richardsonii peninsulæ, 144.
virens, 166, 328.
- Conurus aureus*, 160.
carolinensis, 136, 174, 369.
cyanopterus, 160.
pavua, 159.
roseifrons, 160.
- Coot, 128.
- Copsychus adamsi*, 117.
niger, 117.
- Coracias orientalis*, 11.
- Cormorant*, Florida, 79, 133, 233.
- Corvus americanus*, 103, 106, 109,
 114, 165, 259, 328.
americanus floridanus, 138.
annectens, 368.
corax nobilis, 306.
corax principalis, 306.
corax sinuatus, 245, 391.
corax —, 328.
orientalis, 99.
- Cory, C. B., on the West Indian species of the genus *Certhiola* or *Cœræba*, 37; notes on West Indian birds, 41; a collection of birds taken by Cyrus S. Winch in the Islands of Anguilla, Antigua, and St. Eustatius, West Indies, during April, May, June, and a part of July, 1890, 46; a list of the birds collected in the Islands of St. Croix and St. Kitts, West Indies, during March and April, and in Guadeloupe during August, September, and October, 1890, 47; a list of birds taken and observed in Cuba and the Bahama Islands, during March and April, 1891, 292; list

- of the birds collected by C. S. Winch in the Caicos Islands and Inagua, Bahamas, during January and February, and in Abaco, in March, 1891, 296; notice of his 'Birds of the Bahama Islands,' 300; capture of a fourth specimen of *Ardetta neoxena*, 309; descriptions of new birds from the Bahama Islands, with remarks on the species of *Speotyto* which occur in the West Indies, 348; list of the birds obtained by Mr. C. S. Winch on the Islands of Great Bahama and Abaco, Bahama Islands, during June, and on Eleuthera in July, 1891, 350; list of birds collected on the Island of Inagua, Bahama Islands, from May 1 to July 10, 1891, 351; on a collection of birds made on the Islands of Anguilla and Cay Sal or Salt Cay, Bahama Islands, by Mr. Cyrus S. Winch, during May, 1891, 352; an abnormal specimen of *Coccyzus maynardi*, 394; the English Sparrow (*Passer domesticus*) in Nassau, N.P., 395; another Massachusetts record for the Mockingbird, 395; note regarding the Islands of Maraguana and Samana, Bahamas, 399.
- Coryllis galgulus*. 12.
- Cotinga carulea*. 25.
cavana, 25.
- Coues, E.*, *Scenopastes dentirostris*, 115.
- Cowbird*, 197, 239, 273.
- Crane*, *Crowned*, 386.
Sacred, 99.
Sandhill, 308.
- Creagrus furcatus*, 88, 402.
- Creeper*, Black-and-white, 127.
Brown, 151.
- Crotophaga ani*, 48, 74, 159, 190,
293-298, 335, 338, 386.
major, 159.
sulcirostris, 313.
- Crow*, 76, 103, 106, 114, 165, 259.
American, 328.
Rain, 74, 327.
- Crymophilus fulicarius*, 113, 120,
233.
- Crypturus cinereus*, 163.
parvirostris, 163.
pileatus, 163.
sp. nov. ?, 164.
- Cuckoo*, Black-billed, 302.
- Cuckoo, Great Bahama, 74.
Maynard's, 75.
Yellow-billed, 114, 327.
- Cuculus chlorophæus*, 11.
telephonus, 99.
- Curlew*, Eskimo, 21, 22, 24.
- Cursorius isabellinus*, 15.
- Cyanocitta cristata*, 259, 328.
cristata florincola, 127, 138.
stelleri, 397.
- Cymbilanius lineatus*, 28.
- Cypseloides niger*, 48.
- Cypselus phœnicobius*, 293, 294.
subfurcatus, 16.
- Cyrtotes maxillaris*, 346.
- DACELO concreta*, 10.
- Dafila acuta*, 364, 367.
bahamensis, 296, 335.
- Davison, J. L.*, *Geothlypis philadelphica* breeding in western New York, 396.
- Dendragapus canadensis*, 165.
- Dendrocincta castanoptera*, 26.
fuliginosa, 26.
merula, 26.
rufo-olivacea, 26.
- Dendrocolaptes certhia*, 27.
obsoletus, 27.
- Dendrocygna arborea*, 79, 365.
autumnalis, 365.
discolor, 161.
- Dendroica aestiva*, 166, 279.
blackburniae, 170, 278, 398.
cærulea, 52, 170, 238, 272,
396, 398.
cærulescens, 68, 69, 298, 335,
337, 352, 398.
castanea, 165, 170, 398.
coronata, 127, 138, 152, 166,
197, 278, 278, 294-298, 334,
338.
discolor, 47, 48, 68, 69, 73,
138, 152, 294-298, 317, 334-
339, 398.
dominica, 127, 132, 138, 152,
171, 295, 296, 298, 335, 350.
dominica albilora, 51, 52,
116, 171.
gracæ, 314.
ignota, 386.
kirtlandi, 52, 53, 102, 105,
171, 295, 297, 298, 337, 338.
maculosa, 116, 166, 170, 320,
398, 399.
palmarum, 51, 52, 53, 68, 69,
128, 138, 152, 171, 294, 295-
297, 334-339, 351.

- Dendroica palmarum hypochrysea, 128, 138, 165, 171, 385, 396.
 pensylvanica, 170, 278, 320,
 327, 331, 398, 399.
 petechia, 68.
 petechia gundlachi, 297, 298,
 335-339, 350, 351.
 petechia melanoptera, 49.
 phaetra, 387.
 pityophila, 348.
 pityophila bahamensis, 348,
 350.
 plumbea, 49.
 ruficapilla, 47, 48.
 striata, 68, 108, 119, 165, 298,
 335, 351, 352.
 tigrina, 48, 68, 69, 170, 294-
 297, 334, 335, 338, 398.
 vigorsii, 68, 128, 138, 173,
 199, 332, 334, 335, 350, 352.
 virens, 171, 278, 300, 331,
 398, 399.
- Dendroplex picus, 27.
- Dendronis eytoni, 27.
 fraterculus, 27.
 multiguttata, 27.
 susurrans, 27.
- Diablotin, 59, 61.
- Dichrozona zonota, 29.
- Dickcissel, 168, 395.
- Diomedea albatrus, 99.
 exulans, 388.
- Dipper, American, 395, 397.
- Diver, 354.
- Dolichonyx oryzivorus, 169, 300,
 351, 352.
- Doricha evelynae, 73, 74, 294, 295-
 298, 334-339, 350, 351, 387.
 lyrura, 297, 351, 387.
- Dove, 309.
 Ground, 76, 293.
 Tobacco, 76.
 Zenaida, 76.
- Dryobates borealis, 128, 138.
 leucotos, 99.
 pubescens, 138, 262, 327.
 pubescens gairdnerii, 94.
 pubescens oreocæsus, 94.
 villosus, 94.
 villosus audubonii, 94, 138,
 327.
 villosus harrisi, 94.
 villosus hyloscopus, 94.
 villosus maynardi, 75, 94,
 298, 334, 335, 350.
- Dryopicus leucogaster, 7.
- Duck, Black, 342, 363.
 Black-bellied Tree, 365.
 Black-bellied Whistling, 365.
- Duck, Blue Mountain, 355.
 Booby, 357.
 Labrador, 174, 201.
 Lesser Scaup, 364.
 Long-tailed, 214, 240.
 Masked, 364.
 Old-squaw, 214.
 Pied, 215.
 Quail, 364.
 Red-billed Whistling, 365.
 Red-head, 287.
 Ring-necked, 364.
 Ruddy, 117, 364.
 Scaup, 128.
 Tree, 79.
 Wood, 129, 131, 290, 364,
 390, 391.
- Dutcher, W., the Labrador Duck :
 —a revised list of the extant spec-
 imens in North America, with
 some historical notes, 201.
- Dwight, J., Jr., *Fuoco carolinensis*,
 shown to be a subspecies, 290.
- EAGLE, Bald, 109, 327.
 Golden, 108, 113.
- Eastman, H. D., *Phalaropus lobatus* off Scituate, Mass., 310.
- Ectopistes migratorius, 310, 390,
 391.
- Egret, 180.
 American, 120.
 Reddish, 77, 233.
- Elænea martinica, 46-49.
- Elanooides forficatus, 129, 131, 137.
- Elliot, D. G., a list of birds from
 Northeast Borneo, with field
 notes by Mr. C. F. Adams, 7;
 note on *Copsychus adamsi*—cor-
 rection, 117.
- Empidonax acadicus, 328, 399.
 flaviventris, 319, 385.
 minimus, 165.
 pusillus, 319.
- Engyptila erythrothorax, 162.
 rufaxilla, 162.
- Entomobia pileata, 10.
- Ereunetes pusillus, 48, 164, 351.
- Erismatura rubida, 117, 364.
- Eucephala carulea, 30.
- Eudromias veredus, 15, 16.
- Euetheia bicolor, 46-49, 71, 294-298,
 334-339, 351.
 lepida, 189, 293, 294.
 olivacea, 189.
- Eulampis holosericeus, 47, 48.
 jugularis, 48.
- Eupetomena macroura, 30.

- Euplocoomus ignitus, 15.
 nobilis, 15.
- Eurystomus orientalis, 11.
- FALCO caribbæarum, 46-48.
 columbarius, 48, 76, 272, 334,
 337.
 deiroleucus, 161.
 dominicensis, 88, 113.
 indicus, 13.
 islandus, 236.
 peregrinus anatum, 237, 361.
 poliogenys, 13.
 ruficollaris, 161.
 rusticulus obsoletus, 320.
 sparverioides, 88, 113, 293,
 294.
 sparverius, 108, 165, 312.
- Fighter, 71, 72.
- Finch, Black, 293.
 Lark, 108.
 Seaside, 106, 133.
 Sharp-tailed, 106.
- Flamingo, 78.
 American, 365, 386.
 Red, 365.
- Flicker, 197, 328.
- Flycatcher, Acadian, 328.
 Crested, 328.
 Rufous-tailed, 72.
- Formicivora grisea, 29.
 rufa, 29.
- Foudia eminentissima, 92.
- Fratercula pusilla, 101.
 pygmaea, 101.
- Fregata aquila, 71, 79, 233, 295,
 296, 337, 363, 387.
- Fringilla formosa, 92.
 granatina, 92.
- Fulica americana, 119, 128, 137,
 335, 338, 367.
 caribaea, 46.
 minor, 367.
- Furnarius minor, 26.
 pileatus, 26.
- GADWALL, 363.
- Galbulia cyanicollis, 158.
 rufoviridis, 158.
 viridis, 158.
- Galeoscoptes carolinensis, 32, 46,
 66, 109, 138, 152, 197, 294-
 296, 298, 300, 333-335, 337,
 338.
- Galerita modesta, 92.
- Gallinago delicata, 137, 165, 387-391.
 frenata, 163.
- Gallinula euryzona, 16.
 galeata, 1, 46, 47, 118, 294.
- Gallinule, Florida, 1.
 Purple, 108.
- Gampsonyx swainsoni, 161.
- Gannet, Common, 387.
 Cory's, 387.
- Gätke, H., notice of his 'Die Vogelwarte Helgoland,' 299.
- Gavia alba, 320.
- Geothlypis agilis, 54, 151, 172, 352.
 coryi, 336, 351.
 formosa, 106, 172, 332, 398.
 philadelphica, 240, 396, 398.
 poliocephala palpebralis, 316.
 rostrata, 66, 68, 335.
 rostrata tanneri, 350.
 tanneri, 69, 298, 334.
 trichas, 69, 128, 138, 189,
 196, 197, 294-296, 298, 334-
 339, 351, 352.
- Geotrygon martinica, 350.
 montana, 48, 162.
 mystacea, 47, 48.
- Geranospiza caerulescens, 161.
- Glaucionetta clangula americana,
 165.
 islandica, 112, 366.
- Glyphorhynchus cuneatus, 26.
- Gnatcatcher, 328.
 Blue-gray, 67, 127, 152.
- Golden, 78.
- Golden-eye, Barrow's, 112.
- Goldfinch, 127.
 American, 328.
 European, 314.
- Goose, Canada, 341, 365.
 Lesser Snow, 365.
 Mackerel, 235.
 Sea, 235.
- Goss, N. S., second occurrence of
the White-faced Glossy Ibis
(*Plegadis guarauna*) in Kansas,
112; correction, 116; notice of
his 'History of the Birds of Kan-
sas,' 228; death of, 245.
- Grackle, Boat-tailed, 132.
 Bronzed, 167.
 Purple, 197.
- Grant, J. B., notice of his 'Our
common birds and how to know
them,' 301.
- Grassquit, 71.
- Grebe, Pied-billed, 353.
- Grosbeak, Cardinal, 107.
 Evening, 386, 391.
 Rose-breasted, 168.
 Violet, 70.
- Grouse, Pinnated, 390.
 Ruffed, 326, 387, 388, 390.

- G**rus japonensis, 99.
mexicana, 137, 308.
Guara alba, 130, 137.
Gull, Laughing, 80, 110, 362.
Gundlach, J., notes on some species of birds of the island of Cuba, 187.
Gymnoderus foetidus, 26.
Gymnopithys gymnops, 29.
Gyprarchus papa, 161.
- H**ABIA ludoviciana, 165, 168.
Hadrostomus minor, 25.
Hæmatopus palliatus, 76, 245, 297, 334, 351.
Hagerup, A. T., 'Birds of Greenland,' 319.
Hagerup, A. T., and Chamberlain, M., notice of their 'Birds of Greenland,' 226.
Halcyon concreta, 10.
coromanda, 10.
pileata, 10.
Halocyptena microsoma, 305.
Haliæetus leucocephalus, 109, 137, 165, 327.
Hargitt, E., notice of his catalogue of the Woodpeckers, 92.
Harpagus diodon, 161.
Harporhynchus rufus, 109, 127, 138, 152, 196, 197, 300, 333.
Harvie-Brown, J. A., *Falco islandus* L. in Labrador, 236.
Hasbrouck, E. M., the present status of the Ivory-billed Wood-pecker (*Campetherus principalis*), 174; Acadian Owl (*Nyctala acadica*) at Washington, D. C., 313; the Carolina Paroquet (*Conuris carolinensis*), 369.
Hawk, American Sparrow, 108.
Cooper's, 108.
Cuban Sparrow, 293.
Duck, 327, 361.
Fish, 132.
Pigeon, 76.
Red-shouldered, 129.
Red-tailed, 327.
Squirrel, 327.
Sparrow, 312.
Helinaia swainsonii, 135, 137, 138, 169, 296, 386.
Heliornis fulica, 163.
Helminthophila bachmani, 126, 127, 135, 138, 149, 316.
celata, 127, 138, 152, 170
celata sordida, 87, 305.
chrysoptera, 155, 170, 278, 331, 397, 399.
Helminthophila leucobronchialis, 318.
peregrina, 54, 151, 170, 278, 398.
pinus, 109, 155, 169, 318, 334, 397.
ruficapilla, 165.
Helmitherus vermivorus, 169, 278, 316, 331, 334, 335, 387, 397, 399.
Hen, Wood, 327.
Heron, Bahama Green, 78.
Black-crowned Night, 78.
Great Blue, 77, 233.
Great White, 107.
Green, 129, 232.
Little Blue, 77, 129, 130, 180.
Louisiana, 71, 77, 130, 233.
Ward's, 128, 129, 135.
Yellow-crowned Night, 78, 132.
Hesperiphona vespertina montana, 85.
Hesperocichla nœvia, 396.
Heterocercus flavivertex, 25.
Heterocnemis hypoleuca, 29.
Heterospizias meridionalis, 161.
Himantopus mexicanus, 46, 76, 163, 351.
Hirundo cyanoviridis, 87.
fulva, 87.
Honey-creeper, Bahaman, 70.
Hornaday, W. T., notice of his 'Taxidermy and Zoölogical Collecting,' 381.
Hummingbird, 257-268, 270.
Heloise's, 88.
Ricord's 74, 387.
Ruby-throated, 109, 328.
Hydrochelidon nigra surinamensis, 360, 366.
Hylatomus pileatus, 95, 175.
Hypocnemis hypoleuca, 29.
lugubris, 29.
- I**BI_S, White, 130.
White-faced Glossy, 112.
Icteria virens, 119, 332, 399.
Icterus galbula, 110 197.
hypomeles 292, 293.
maxillaris, 346.
minor, 345.
northropi, 66, 71, 350.
parisorum, 237, 238.
sericeus, 345.
violaceus, 345.
Ictinia plumbea, 89.
Ionornis martinica, 108.

- JACANA jacana, 163.
 Jamison, H. K., some rookeries on the Gulf Coast of Florida, 233.
 Janthoenas nitens, 100.
 Jay, Blue, 127, 259, 328.
 Oregon, 397.
 Steller's 397.
 Jeffries, W. A., Phalaropes at Swampscott, Massachusetts, 112.
 Johnson, F. E., American Barn Owl (*Strix pratincola*) on Long Island, N. Y., 114; Black-throated Bunting (*Spiza americana*) on Long Island, N. Y., 116.
 Joe-ree, 329.
 Junco hyemalis, 166, 197, 220-222, 291.
 hyemalis carolinensis, 290.
 hyemalis oregonus, 115.
 hyemalis shufeldti, 85, 115.
 hyemalis thrumbergi, 115.
 insularis, 220-222.
 ridgwayi, 86.
 Junco, Ridgway's, 86.
 Shufeldt's, 85.
 KETUPA javensis, 12.
 ketupa, 12.
 Killdeer, 394.
 Kingbird, 197.
 Bahama, 71.
 Gray, 72.
 Kingfisher, 129, 166.
 Belted, 75, 327, 387.
 Kinglet, Golden-crowned, 137, 197.
 Ruby-crowned, 127, 152, 166.
 Kite, Swallow-tailed, 129, 131.
 Krauss, F., death of, 120.
 LADD, Samuel B., description of the nests and eggs of *Dendroica gracie* and *Contopus pertinax*, 314.
 Lamprocolius acuticaudus, 92.
 Lampropsar cabanisii, 344, 346.
 guianensis, 344, 346.
 tanagrinus, 344, 346.
 Lanius ludovicianus, 106, 107, 128, 138.
 ludovicianus excubitorides, 119.
 Lark, Dusky Horned, 85.
 Prairie Horned, 56, 109, 236.
 Scorched Horned, 84.
 Shore, 110.
 Sonoran Horned, 85.
 Larus argentatus, 385.
 argentatus smithsonianus, 366, 385.
 atricilla, 46, 48, 80, 110, 362.
 californicus, 366.
 furcatus, 88.
 oregonus, 366.
 philadelphicus, 165, 300, 366.
 robustus, 366.
 Lathria cinerea, 25.
 Lawrence, G. N., description of a new subspecies of Cypselide of the genus *Chætura*, with a note on the Diablotin, 59.
 Lawrence, R. II., a breeding place of *Pelecanus fuscus*, 231.
 Leptodon cayennensis, 161.
 Lettuce-bird, 328.
 Limpkin, 180.
 Lipaugus simplex, 25.
 Longspur, Smith's, 167.
 Loomis, L. M., a further review of the avian fauna of Chester County, South Carolina, 49, 166; a forgotten volume, 230; June birds of Caesar's Head, South Carolina, 323.
 Loon, 55, 389, 392.
 Red-throated, 55.
 Lophodytes cucullatus, 366.
 Lophostrix cristata, 160.
 Loriculus galgulus, 12.
 Loxia macroura, 92.
 philippina, 92.
 Loxigilla noctis, 46-49, 300.
 violacea, 70, 294, 295, 297, 298, 350, 351.
 Lucas, F. A., some bird skeletons from Guadelupe Island, 218; notice of his paper on the anatomy and history of the Great Auk, 306.
 MACKAY, G. II., the habits of the Golden Plover (*Charadrius dominicus*) in Massachusetts, 17; uncommon birds for Nantucket Island, Massachusetts, 120; the Scoters (*Oidemia americana*, *O. deglandi*, and *O. perspicillata*) in New England, 279; 'Fire-lighting', 340.
 Magpie, Black-billed, 107.
 Malacoptila rufa, 158.
 Malimbus nigricollis, 92.
 Mallard, 363, 390.
 Green-backed, 363.
 Manacus manacus, 25.
 Margarops albiventris, 42.
 densirostris, 43.
 dominicensis, 44.

- Margarops fuscatus, 42, 43, 297, 298, 337; 338, 351.
herminieri, 43, 44.
herminieri semperi, 44.
montanus, 41, 42.
montanus rufus, 42.
sanctæ-luciae, 44.
- Maynard, C. J., notice of his 'Contributions to Science', 385.
- Meadowlark, 197.
 Cuban, 292, 293.
- Meathawk 397.
- Megapicus validus, 7.
- Megascops asio, 266, 387.
 asio aikenii, 109, 139.
 asio bendirei, 142, 144.
 asio floridanus, 387.
 asio kennicottii, 142-144.
 asio macfarlanei, 140, 142, 144, 237.
 asio maxwelliae 140.
 asio saturatus, 141-144.
 aspersus, 139.
 flammeolus idahoensis, 385.
- Meiglyptes badiosus, 8.
 tukki, 8.
- Melanerpes carolinus, 127, 138.
 cruentatus, 31.
 erythrocephalus, 56, 138.
 formicivorus aculeatus, 88.
 formicivorus bairdi, 89, 94.
 formicivorus melanopogon, 89, 94.
 l'herminieri, 48.
- Meleagris gallopavo, 136, 137, 327, 388, 391.
 gallopavo osceola, 89.
- Melopelia leucoptera, 351.
- Melopyrrha nigra, 293.
- Melospiza fasciata, 197.
 fasciata clemente, 86, 305.
 fasciata graminea, 86, 305.
 georgiana, 133, 138, 165.
 lincolni, 385.
- Merops amictus, 11.
- Merriam, C. H., notice of his 'Results of a biological survey of the San Francisco Mountain region and Desert of the Little Colorado, Arizona', 95; notice of his 'Annotated List of Birds observed in Idaho during the Summer and Fall of 1890', 385.
- Merula grayi, 274.
 migratoria, 106, 107, 109, 138, 166, 195, 197, 300, 317, 391.
 migratoria propinquia, 397.
- Micropogon fuliginosus, 8.
- Micropternus badiosus, 8.
- Miller, G. S., Jr., further Cape Cod notes, 117; the first plumage of *Otocoris alpestris strigata* Hensh., 314.
- Milvago chimachima, 161.
- Mimocichla ardesiacea, 217, 218.
 ardesiaca albiventris, 317.
 albiventris, 317.
 plumbea, 66, 294, 298, 333, 335, 336, 350, 351, 387.
 rubripes, 189, 300, 387.
 verrillorum, 217, 317.
- Mimus dominicus, 45.
 elegans, 45, 333.
 gundlachi, 67, 295, 297, 298, 335-339, 351.
 orpheus, 44, 45.
 orpheus dominicus, 45.
 polyglottos, 45, 46, 66, 109, 117, 119, 120, 138, 395.
 polyglottos cubanensis, 45.
 polyglottos elegans, 298, 333, 351.
 polyglottos orpheus, 45, 294-296, 298, 350.
 polyglottos portoricensis, 46.
- Minor ornithological publications, 106, 387.
- Minot, H. D., death of, 121.
- Mniotilla varia, 47, 48, 67, 69, 127, 138, 262, 277, 294-296, 298, 331, 335-338.
- Mockingbird, 66, 117, 120, 332, 395.
- Molothrus æneus, 345.
 armenti, 345.
 ater, 138, 197, 239, 345.
 ater obscurus, 345.
 atronitens, 344-346.
 badius, 345.
 bonariensis, 344, 345, 347.
 cabanisi, 345, 346.
 cassini, 344, 346.
 discolor, 344, 346, 347.
 fringillarius, 345.
 maxillaris, 346.
 niger, 345.
 purpurascens, 345, 347.
 robustus, 345.
 rufoaxillaris, 345.
 sericeus, 345.
 venezuelis, 345, 347.
- Momotus nattereri, 158.
- Monasa morphæus, 158.
 nigrifrons, 159.
- Morris, R. O., the Mockingbird at Springfield, Massachusetts, 117; see also Colburn, W. W.
- Motacilla bananivora, 38.
- Murre, Brünnich's, 307.

- Myiarchus berlepschii, 48.
crinitus, 135, 138, 328.
lucayensis, 72.
sagræ, 72, 190, 294, 295, 297,
 298, 334, 335, 339, 350, 351.
- Myiodynastes luteiventris, 272.
- Myrmeciza immaculata, 191-193.
immaculata occidentalis, 191-
 193.
- Myrmotherula axillaris, 28.
axillaris melanogastra, 28.
cineriventris, 29.
- Myrtha sumatrana, 12.
- NASICA longirostris, 27.
- Nelson, E. W., Scott's Oriole (*Icterus parisorum*) in central New Mexico, 237.
- Nelson, J., notice of his catalogue of the birds of New Jersey, 104.
- Nicholson, F., notice of his translation of Sundevall's 'Tentamen', 227.
- Nighthawk, Cuban, 72.
- Nightingale, 333.
- Noddy, 79, 358, 361.
- Nomonyx dominicus, 364.
- Nonpareil 293, 395.
- Northrop, J. I., the birds of Andros Island, Bahamas, 64; death of, 400.
- Numenius borealis, 21, 22, 24.
hudsonicus, 339.
- Nuthatch, Brown-headed, 108, 173.
 Florida White-breasted, 87.
 Red-bellied, 151.
 Red-breasted, 106, 173.
 St. Lucas, 149.
 White-bellied, 387.
 White-breasted, 106, 110, 173,
 333.
- Nyctala acadica, 107, 313.
- Nyctea nyctea, 55, 110, 392.
- Nycticorax nycticorax nævius, 66,
 78, 137, 335.
violaceus, 47, 48, 78, 132, 137,
 190, 295, 339, 351.
- Nyctidromus albicollis, 30.
- Nyctornis amicta, 11.
- OCEANITES oceanicus, 357.
- Oceanodroma leucorhoa, 119, 244.
socorroensis, 305.
- Odontophorus guianensis, 162.
- Oidemia americana, 279-290.
deglandi, 279-290.
perspicillata, 279-290, 364.
- Olor americanus, 232.
paloregonus, 367.
- Opisthomus cristatus, 162.
- Oriole, Baltimore, 197.
 Northrop's, 71.
 Scott's, 237, 238.
- Ortalida motmot, 162.
- Ortalis vetula mccallii, 390.
- Orthorhynchus boothii, 187.
- Ortyx cubanensis, 190.
- Osprey, 106.
- Otocoris alpestris, 57, 91, 385.
alpestris adusta, 84, 85.
alpestris arenicola, 91.
alpestris chrysolaema, 91.
alpestris giraudi, 91.
alpestris insularis, 89, 305.
alpestris leucolema, 91.
alpestris merrilli, 85, 314.
alpestris pallida, 85, 305.
alpestris peregrina, 91.
alpestris praticola, 51-53, 56,
 91, 109, 110, 236, 314, 389,
 395.
alpestris rubea, 91.
alpestris strigata, 91, 314.
- 'Ottawa Naturalist', notice of a paper in, 303.
- Ovenbird, 68, 171, 332.
- Owl, Acadian, 313.
 Aiken's Screech, 139.
 American Barn, 75, 114, 386.
 American Hawk, 107.
 American Long-eared, 108.
 Barred, 108, 130, 265.
 Burrowing, 75, 109.
 Florida Mottled, 387.
 Great Gray, 313.
 Great Horned, 109.
 MacFarlane's Screech, 140.
 Mottled, 387.
 Puget Sound Screech, 141.
 Rocky Mountain Screech,
 109.
 Screech, 266.
 Snowy, 55, 110, 392.
- Oystercatcher, American, 76.
- PACHYRHAMPHUS atricapillus, 25.
cinereus, 25.
rufus, 25.
- Packard, A. S., occurrence of the Groove-billed Ani at Jupiter Inlet, Florida, 313.
- Palæornis longicauda, 12.
- Paleotetrix gilli, 367.
- Palmer, W., notice of his paper on birds observed during the cruise of the 'Grampus,' 305.
- Pandion haliaetus carolinensis, 106,
 132, 137, 165, 236, 297, 351.

- Park, A. F., *Strix pratincola* again near Troy, N. Y., 114.
 Paroquet, Carolina, 174, 369.
 Parrot, Cuban, 293.
 Partridge, 326.
 Parus atricapillus, 165.
 bicolor, 127, 138, 152, 333.
 carolinensis, 138, 152, 153, 333.
 meridionalis, 90.
 rufescens, 397.
 Passer domesticus, 50, 103, 110, 116, 387-389, 391, 392, 395.
 Passerella iliaca, 105.
 Passerina ciris, 293-295, 395.
 cyanæa, 329, 337.
 discolor, 344, 346, 347.
 Patagioenas corensis, 190.
 Pediocætes lucasi, 367.
 nanus, 367.
 phasianellus columbianus, 367.
 Pelecanus erythrorhynchus, 366.
 fuscus, 46, 79, 107, 133, 137, 190, 231, 233, 293, 295, 296, 363.
 Pelican, Brown, 79, 107, 133, 231, 233, 293, 363.
 Frigate, 233.
 Pelzeln, A. v., death of, 400.
 Perdix charltoni, 15.
 Perisoreus canadensis, 165, 391.
 obscurus, 397.
 Petrel, Jamaica, 355.
 Wilson's, 357.
 Petrochelidon fulva, 86, 87.
 lunifrons, 110, 166.
 Peucaea æstivalis, 128, 138.
 æstivalis bachmanii, 51, 168.
 Pewee, Bahaman Wood, 72.
 Large-billed Wood, 144.
 Wood, 166, 328.
 Phaethon aethereus, 256, 362.
 flavirostris, 47, 249, 293, 294, 335, 351, 362.
 Phæthus magnirostris, 163.
 Phalacrocorax bicirratus, 101.
 dilophus, 107.
 dilophus floridanus, 79, 133, 137, 233, 337.
 macropus, 366.
 mexicanus, 337.
 pelagicus, 101.
 Phalarope, Northern, 113, 240, 310.
 Red, 113, 120, 233.
 Wilson's, 108.
 Phalaropus lobatus, 113, 119, 120, 240, 310, 367.
 tricolor, 108, 120.
 Pheasant, 326.
 Pheasant, Chinese, 389.
 Philohela minor, 386-391.
 Philydor erythrocerus, 26.
 Phlogopsis bowmani, 29, 30.
 Phlogothraupis sanguinolenta, 63.
 Phœbe, 328.
 Phœnicophæus erythrogathus, 11.
 javanicus, 11.
 Phœnicopterus copei, 367.
 ruber, 78, 365, 386.
 Phœnicopus badius, 8.
 pectoralis, 8.
 Piaya cayana pallescens, 159.
 minuta, 159.
 Pica pica hudsonica, 107.
 Picoides americanus dorsalis, 94.
 arcticus, 165, 385.
 Picolaptes layardi, 27.
 rikeri, 26.
 Picumnus cirratus, 30.
 micromegas, 93.
 Picus badius, 8.
 citrinus, 31.
 flavicans, 31.
 flavus, 93.
 guttatus, 30, 31.
 insularis, 334.
 javensis, 7.
 major, 94.
 major japonicus, 100.
 malaccensis, 7.
 martius, 95.
 melanopogon, 94.
 mentalis, 7.
 noguchii, 93.
 pileatus, 95.
 pubescens, 94.
 tukki, 8.
 validus, 7.
 Pigeon, White-crowned, 76.
 White-headed, 71.
 Wild, 310, 390, 391.
 Pinicola enucleator, 302.
 Pintail, 364.
 Pionopsitta brachyura, 160.
 Pionus menstruus, 160.
 violaceus, 160.
 Pipile cujubi, 162.
 cumanensis, 162.
 Pipilo consobrinus, 220, 222.
 erythrophthalmus, 108, 127, 138, 152, 197, 220, 222, 327, 329.
 erythrophthalmus allenii, 128, 138.
 maculatus, 147.
 maculatus magnirostris, 146.
 maculatus megalonyx, 147, 220, 222.

- Pipra aureola flavigeeps, 24.
 rubricapilla, 25.
- Piranga erythromelas, 36, 47, 329.
 rubra, 70, 135, 138, 315, 329.
- Pitangus bahamensis, 71, 294, 298.
 334, 335, 350.
- Pitta nymphia, 100.
- Plantus impennis, 174, 306, 388.
- Plegadis guarauna, 112.
- Ploceus baya, 92.
 philippinus, 92.
- Plover, American Golden, 17.
 Black-bellied, 76.
 Killdeer, 76, 107.
 Wilson's, 76.
- Podilymbus carolinensis, 353.
 podiceps, 46, 137, 294, 353,
 366.
- Poling, O. C., Groove-billed Ani
(*Crotophaga sulcirostris*) in Ari-
zona, 313.
- Polioptila caerulea, 127, 138, 152,
 295-298, 334, 350, 351.
 cerulea, cæsiogaster, 67, 334,
 335.
- Polyborus cheriway, 161.
 lutosus, 219, 221.
 tharos, 219.
- Poocætes gramineus, 225.
- Porzana carolina, 134, 151.
 cayennensis, 163.
 coturniculus, 89.
 jamaicensis, 55.
 jamaicensis coturniculus, 89.
 noveboracensis, 55.
- Praeger, W. V., protective colora-
tion in the genus *Ægialitis*, 236.
- Procellaria jamaicensis, 355.
- Progne dominicensis, 47, 48, 294.
 subis, 138.
- Protonotaria citrea, 132, 135, 138,
 278.
- Psilorhinus cyanogenys, 304.
 mexicanus, 304.
 morio, 304.
 vociferus, 304.
- Psittacula cyanochlora, 160.
 delicosa, 160.
- Psittacus galgulus, 12.
 longicauda, 15.
 subcaeruleus, 188.
- Pterodroma caribbæa, 355.
- Pteroglossus aracari, 159.
 bitorquatus, 159.
 inscriptus, 159.
 weidi, 159.
- Ptilopus jambu, 14.
- Publications received, 110, 230, 306,
 392.
- Puffinus auduboni, 387.
 auricularis, 305.
- Pulsatrix torquata, 160.
- Pyrrhulagra violacea, 334-337.
- QUAIL, 388-392.
 Cuban, 292.
- Quail-dove, Blue-headed, 292.
- Querula cruenta, 25.
- Quiscalus guadeloupensis, 49.
 gundlachi, 190.
 major, 132, 138.
 quiscula, 167, 195, 197.
 quiscula æneus, 51, 52, 167,
 385.
 quiscula aglaeus, 138.
- RAGSDALE, G. H., the breeding
range of the Sparrow Hawk (*Fal-
co sparverius*) in Texas, 312.
- Rail, Bahaman, 77.
 Black, 55.
 Carolina, 134, 151.
 Clapper, 133.
 Scott's, 135.
 Yellow, 55.
- Rallina fasciata, 16.
- Rallus coryi, 77, 294, 295, 386.
 crepitans, 136.
 crepitans saturatus, 136.
 fasciata, 16.
 scottii, 133, 135, 137.
 virginianus, 137, 164.
- Ramphocelus costaricensis, 62-64.
 passerini, 63, 64.
- Raven, 328, 391.
- Redbird, 329.
- Redhead, 364.
- Redshank, 360.
- Redstart, American, 60, 172, 399.
- Regulus calendula, 105, 127, 138,
 152, 165, 166.
 satrapa, 105, 137, 138, 165,
 197.
 satrapa olivaceus, 397.
- Rhamphastos ariel, 159.
 erythrorhynchus, 159.
- Rhamphococcyx erythrogathus,
 II.
- Rhegmatorhina gymnops, 29.
- Rhinortha chlorophaea, 11.
- Rhoads, S. N., the Wild Pigeon,
(*Ectopistes migratorius*) on the
Pacific coast, 310.
- Rhodostethia rosea, 300.
- Rhopodytes erythrogathus, 11.
- Rhototerce torquata, 29.
- Ricebird, 169.

- Richmond, C. W., Barrow's Golden-eye (*Glaucionetta islandica*) near Washington, D. C., 112.
 Ridgway, R., *Falco dominicensis* Gmel. versus *Falco sparverioides* Vig., 113; a new name necessary for *Selasphorus floresii* Gould, 114; note on the alleged occurrence of *Trochilus heloisa* (Less. & De Latt.) within North American limits, 115; *Cistothorus marianae*, *Buteo lineatus allenii*, and *Syrnium nebulosum allenii* in South Carolina, 240; list of birds collected on the Bahama Islands by the naturalists of the Fish Commission steamer 'Albatross,' 333.
 Riker, C. B., a list of birds observed at Santarem, Brazil, with annotations by F. M. Chapman, 24, 158.
 Rives, W. C., notice of his 'Catalogue of the Birds of the Virginias,' 105.
 Robin, 106, 107, 166, 197, 317, 391.
 Oregon, 396.
 Varied, 396.
 Western, 397.
 Rolulus roulroul, 15.
 Rostrhamus sociabilis, 161.
 Rupornis magnirostris, 160.
 magnirostris nattereri, 160.
 SAGE, J. H., *Ammodramus caudatus nelsoni* and *A. c. subvirgatus* in Connecticut, 115.
 Salpinetes guadalupensis, 221, 222.
 obsoletus, 222.
 Saltator guadeloupensis, 49.
 Sandbird, 77.
 Sandpiper, Baird's, 240.
 Bartramian, 24.
 Purple, 289.
 Solitary, 236.
 Spotted, 77, 166, 394.
 Western Solitary, 84.
 Sapsucker, Williamson's, 108.
 Yellow-bellied, 75.
 Sasia everetti, 93.
 Saurothera bahamensis, 74, 294,
 336, 351.
 merlini, 190.
 Sayornis phoebe, 138, 328.
 Scenopœtes dentirostris, 115.
 Scolecophagus affinis, 368.
 carolinus, 138, 320.
 cianocephalus, 50-52, 167.
 sericeus, 345.
 Scoter, American, 279-290.
 Surf, 215, 279-290, 364.
 White-winged, 279-290.
 Scotiaptex cinerea, 313.
 Scott, W. E. D., observations on the birds of Jamaica, West Indies. I. Notes on the habits of the Yellow-billed Tropic Bird (*Phaethon flavirostris*), 249; notes on the nest and habits of Cory's Bittern (*Botaurus neoxenus*), 309; Florida Heron rookeries, 318; observations on the birds of Jamaica, West Indies. II. A list of the birds recorded from the Island, with annotations, 353.
 Seebohm, H., notice of his 'Birds of the Japanese Empire,' 99.
 Seiurus aurocapillus, 68, 138, 165,
 171, 294-298, 332, 334-338,
 351.
 motacilla, 108, 138, 172, 295,
 296, 332, 385.
 noveboracensis, 48, 49, 105,
 165, 172, 294, 295, 298, 320,
 334, 337, 351, 352.
 noveboracensis notabilis, 51-
 53, 135, 138, 171.
 Selasphorus floresii, 114.
 rubromitratus, 114.
 Selenidera gouldi, 159.
 maculirostris, 159.
 Setophaga ruticilla, 47-49, 69, 135,
 138, 172, 294-296, 335,
 338, 351, 352, 399.
 Sharpe, R. B., notice of his Catalogue of the Sturniformes, 90; notice of his 'Review of Recent Attempts to Classify Birds,' 379.
 Shearwater, Audubon's, 387.
 Shoveller, 364.
 Shrike, Loggerhead, 128.
 White-rumped, 106, 107.
 Shufeldt, R. W., a peculiar character referable to the base of the skull in *Pandion*, 236; camera notes for ornithologists, 240; a female *Piranga rubra* assuming the plumage of the male, 315; tertiary fossils of North American birds, 365.
 Sialia sialis, 109, 110, 128, 138, 195,
 197, 239, 333.
 Siskin, Pine, 137.
 Sitta cæsia, 100.
 canadensis, 106, 151, 173.
 carolinensis, 106, 110, 173,
 333, 387.
 carolinensis aculeata, 149.

- Sitta carolinensis atkinsi, 87, 138.
carolinensis lagunæ, 149.
pusilla, 108, 138, 173, 350.
- Skylark, 389.
- Snowbird, 166, 197.
- Somateria v-nigra, 320.
- Sparrow, Bachman's, 168.
 Chipping, 197, 328, 387.
 English, 50, 103, 116, 387-
 389, 391, 395.
 Field, 329.
 Grasshopper, 167.
 Gray Sage, 86.
 Leconte's, 168.
 Pine-woods, 128.
 San Clemente Song, 86.
 Santa Barbara Song, 86.
 Savanna, 197.
 Song, 197.
 Swamp, 133.
 Western Henslow's, 145.
 Western Yellow-winged, 108.
 Yellow-winged, 108.
- Spatula clypeata, 137, 190, 364, 366.
- Speotyto amaura, 47, 349.
cunicularia bahamensis, 348,
 349, 351.
cunicularia dominicensis, 75,
 349.
cunicularia floridana, 349,
 350, 352.
cunicularia hypogaea, 109.
guadeloupensis, 349.
rostrata, 305.
- Sphyrapicus thyroideus, 108.
varius, 75, 138, 165, 166, 256,
 294-297, 338, 399.
- Spilornis pallidus, 13.
- Spindalis zena, 70, 294, 295, 335-337,
 339.
zena stejnegeri, 348, 351.
zena townsendi, 298, 334,
 350.
- Spinus pinus, 137, 138, 165.
tristis, 127, 138, 328.
tristis pallidus, 89.
- Spiza americana, 116, 168, 245, 395.
- Spizaëtus manduyti, 161.
- Spizella pusilla, 329.
pusilla arenacea, 318.
socialis, 165, 197, 225, 328,
 387.
- Sporadinus bracei, 300.
ricordi, 73, 74, 188, 298, 300,
 334, 350, 387.
- Starnœnas cyanocephala, 190, 293.
- Stelgidopteryx serripennis, 387.
- Sterna anæthetus, 48, 80, 360.
- Sterna antillarum, 46, 48, 80, 351,
 352, 362, 387.
dougalii, 46, 48, 351, 362.
elegans, 362, 366.
fluvialis, 319.
forsteri, 366.
fuliginosa, 80, 352, 358, 361.
hirundo, 166, 319, 342, 362.
macrura, 319.
maxima, 80, 295, 296, 351, 362.
paradisea, 166, 319.
sandvicensis acuflavida, 46,
 351, 362.
tschegreva, 362.
- Stilt, Black-necked, 76.
- Stone, W., bird waves and their
 graphic representation, 194; work
 of the Delaware Valley Ornitho-
 logical Club during 1890, 244;
 notice of his 'Birds collected in
 Yucatan and Southern Mexico,'
 303; notice of his 'Catalogue of
 the Owls in the Collection of the
 Academy of Natural Sciences of
 Philadelphia,' 303; notice of his
 paper on the genus *Psilorhinus*,
 304; a revision of the species of
Molothrus allied to *M. bonarien-
 sis* (Gm.), 344.
- Strix ceylonensis, 12.
ketupa, 12.
pratincola, 75, 114, 245, 294, 386.
- Sturnella hippocrepis, 189, 292-294.
magna, 197.
magna mexicana, 138.
- Sula bassana, 386, 387.
coryi, 386, 387.
cyanops, 363, 386.
leucogastra, 339.
piscator, 362.
sula, 361, 363, 386.
- Surnia ulula caparoch, 107.
- Swallow, Bahaman, 70, 87.
 Bank, 132, 197.
 Barn, 197.
 Cuban Cliff, 87.
 Eave, 166.
 Rough-winged, 387.
 White-bellied, 132, 387.
- Swallow, C. W., bird notes from
 Clatrop County, Oregon, 396.
- Swan, Whistling, 232.
- Swift, Chimney, 197, 328.
- Switching-neck, 77.
- Sylvania canadensis, 172, 399.
mitrata, 107, 135, 138, 172,
 332, 399.
- Sylvania pusilla, 165, 172.

- Symphecia semipalmata, 47, 76, 133, 137, 297, 351.
 Synallaxis cinnamomea, 26.
 g uianensis, 26.
 mustelina, 26.
 rutilans, 26.
 Syrnium myrrha, 12.
 nebulosum, 108, 265.
 nebulosum allenii, 130, 137, 240.

 TACHYCHINETA bicolor, 132, 138, 387.
 Tanager, Scarlet, 36, 329.
 Summer, 76, 329.
 Tanagra bonariensis, 345.
 Teal, Blue-winged, 364, 389.
 Green-winged, 364.
 Tern, Black, 360.
 Bridled, 80, 360.
 Cabot's, 362.
 Common, 342, 362.
 Least, 80, 362, 387.
 Roseate, 362.
 Royal, 80, 362.
 Sooty, 80, 358, 360.
 Thalurania furcataoides, 30.
 glaucomys, 30.
 Thamnophilus ambiguus, 28.
 inornatus, 28.
 luctuosus, 28.
 melanurus, 28.
 naevius, 28.
 nigrocinereus, 28.
 radiatus nigrerictatus, 28.
 rufater, 29.
 simplex, 28.
 Thompson, D'A. W., notice of his paper on the systematic position of *Hesperornis*, 304.
 Thompson, E. E., notice of his 'Birds of Manitoba,' 301.
 Thrasher, 333.
 Blue, 66.
 Brown, 32, 66, 127, 197, 333.
 Thripoanax javensis, 7, 8.
 Thrush, Bicknell's, 173.
 Brown, 32, 152.
 Gray-cheeked, 151, 173.
 Hermit, 197.
 Plumbeous, 387.
 Red-legged, 387.
 Willow, 173.
 Wood, 197, 333.
 Thryophilus modestus, 275.
 Thryothorus bewickii, 172, 245, 333.
 guadeloupensis, 49.
 ludovicianus, 106, 127, 138, 152, 333.
 Tigrisoma brasiliense, 161.

 Tinamus guttatus, 163.
 tao, 163.
 Tit, Tufted, 127.
 Titmouse, Carolina, 152.
 Tufted, 152, 153, 333.
 Tityra albitorques, 25.
 cayana, 25.
 semifasciata, 25.
 Todd, W. E. C., breeding of *Dendroica maculosa* in Western Pennsylvania, 116; breeding of *Totanus solitarius* and *Otocoris alpestris praticola* in Western Pennsylvania, 236; nesting of the Cerulean Warbler (*Dendroica cerulea*) in Beaver County, Pennsylvania, 238; notes on the occurrence of uncommon species at Beaver, Pa., 240; further note on *Otocoris alpestris praticola*, 395; notes on the Mniotiltidae of western Pennsylvania, 397.
 Tomtit, 333.
 Torrey, B., the Bluebird wintering near Boston, 239.
 Totanus flavipes, 47, 48, 119, 164, 337, 338, 350, 394.
 melanoleucus, 47, 119, 133, 137.
 solitarius, 48, 137, 236.
 solitarius cinnamomeus, 48.
 Towhee, 108, 152, 197, 327, 329.
 Mountain, 146.
 Red-eyed, 127.
 White-eyed, 128.
 Townsend, C. H., notice of his paper 'Birds from the Coasts of Western North America and adjacent Islands,' etc., 305.
 Treat, W. E., *Anas crecca* in Connecticut, 112.
 Treron nasica, 13.
 olax, 13.
 Tringa bairdii, 240.
 maculata, 48.
 maritima, 289.
 minutilla, 48, 164, 190, 351.
 Tringoides macularis, 163.
 Trochilus calliope, 88, 115.
 colubris, 109, 138, 257-268, 270, 328, 389.
 floresii, 114.
 heloisa, 88, 115.
 rubromitratus, 114.
 Troglodytes aëdon, 173.
 hiemalis, 105, 137, 138.
 hiemalis pacificus, 397.
 intermedius, 275.
 tanneri, 305.

- Trogon melanurus, 158.
meridionalis, 158.
viridis, 158.
- Tryngites subruficollis, 300.
- Turdus aliciae, 151, 173.
aliciae bicknelli, 173, 352.
aonalaschkae pallasi, 109,
 138, 196, 197, 300.
densirostris, 43.
*dominicu*s, 45.
fuscatus, 43.
fuscescens, 109, 274, 300.
fuscescens saliciculus, 173.
herminieri, 43.
montanus, 42.
mustelinus, 109, 196, 197, 333,
 335.
orpheus, 45.
ustulatus swainsonii, 109,
 165, 274, 300.
- Turkey, 391.
 Water, 129.
 Wild, 136, 327.
- Turtur douraca torquatus, 99.
humilis, 101.
*risoriu*s, 101.
- Tympanuchus americanus, 110,
 388, 390, 391.
pallidicinctus, 367.
- Tyrannula musica, 89.
- Tyrannus dominicensis, 46-49, 72,
 296, 339, 350-352.
magnirostris, 297.
tyrannus, 109, 135, 138, 197.
- URIA lomvia, 244, 307.
- Urinator imber, 55, 165, 389, 392.
lumme, 55.
- Urubitinga anthracina, 272.
urubitinga, 161.
- VANELLUS cayennensis, 163.
- Vireo aleni, 336.
altiloquus barbatulus, 69, 70,
 90, 296, 298, 335, 351.
approximans, 336.
bellii, 107.
calidris, 47-49.
crassirostris, 70, 294-298, 334-
 336, 338, 350, 351.
crassirostris flavescens, 336,
 338, 339.
flavifrons, 127, 135, 138, 329.
noveboracensis, 138.
olivaceus, 127, 135, 138, 152,
 165, 166, 263, 329.
solitarius, 127, 138, 152, 165,
 169.
solitarius alticola, 169, 329.
- Vireo solitarius lucasanus, 147.
vicinior californicus, 89.
- Vireo, Bell's, 107.
 Black-whiskered, 70.
 Blue-headed, 159.
 Large-billed, 70.
 Mountain Solitary, 329.
 Red-eyed, 127, 152, 166, 263,
 329.
 St. Lucas Solitary, 147.
 Solitary, 127, 152.
 Yellow-throated, 127, 329.
- Vulture, Black, 129.
 Turkey, 327, 394.
- WARBLER, Antillean Yellow, 68.
 Arrow-headed, 387.
 Bachman's, 126, 127, 149, 316.
 Bay-breasted, 170, 398.
 Black-and-white, 67, 69, 262,
 331.
 Black-and-yellow, 398.
 Blackburnian, 170, 398.
 Blackpoll, 68, 108, 352.
 Black-throated Blue, 68, 69,
 398.
 Black-throated Green, 171,
 331, 398.
 Blue-winged, 169.
 Blue-winged Yellow, 109,
 398.
 Blue Yellow-backed, 69.
 Canadian, 172, 399.
 Cape May, 68, 170, 398.
 Cerulean, 170, 238, 398.
 Chestnut-sided, 170, 327, 331,
 398.
 Connecticut, 151, 172.
 Dusky, 87.
 Golden-winged, 170, 331,
 397.
 Hooded, 107, 172, 332, 399.
 Kentucky, 106, 172, 332, 398.
 Kirtland's, 171.
 Magnolia, 116, 166, 170.
 Mourning, 240, 306, 398.
 Myrtle, 166, 197.
 Orange-crowned, 127, 152,
 170.
 Palm, 68, 128, 152, 171.
 Parula, 67, 127, 132, 152-155,
 331, 398.
 Pine, 68, 128, 173, 199, 332.
 Prairie, 68, 152, 317-398.
 Prothonotary, 132.
 Swainson's, 137, 169.
 Sycamore, 116, 171.
 Tennessee, 151, 170, 398.
 Wilson's, 172.

- Warbler, Worm-eating, 169, 316,
331, 387, 397.
Yellow, 166.
Yellow Palm, 128, 396.
Yellow-rumped, 127, 152.
Yellow-throated, 127, 132, 152.
Warren, B. H., notice of his revised 'Report on the Birds of Pennsylvania', 101.
Water-thrush, Grinnell's, 171.
Large-billed, 188.
Louisiana, 188, 172, 332.
Waxwing, Bohemian, 386.
Cedar, 329, 395.
Wayne, A. T., the Green Heron (*Ardea virescens*) wintering in South Carolina, 232; Marian's Marsh Wren (*Cistothorus marianae*) on the coast of South Carolina, 239; the Sandhill Crane (*Grus mexicana*) in South Carolina, 308; an abnormal specimen of the Nonpareil (*Passerina ciris*), 395.
Whippoorwill, 33.
Whiskey Jack, 391.
White, G. R., *Coccyzus americanus* breeding at Ottawa, 114.
White, H. G., migration of the Red Phalarope (*Crymophilus fulicarius*), 233.
Willet, 76, 133.
Wintle, E. D., Yellow Palm Warbler (*Dendroica palmarum hypochrysea*), 396.
Woodcock, 386-391.
Woodpecker, Bahaman Hairy, 75.
Downy, 262, 327.
Imperial, 175.
Woodpecker Ivory-billed, 136, 174.
Pileated, 95, 127, 327.
Red-bellied, 127.
Red-cockaded, 128.
Red-headed, 56.
Southern Hairy, 327.
Yellow-bellied, 166, 256.
Woodstar, Bahama, 73, 387.
Worthington, W. W., Golden Eagle at Shelter Island, New York, 113.
Wren, Bewick's, 172, 333.
Carolina, 106, 127, 152, 333.
House, 173.
Long-billed Marsh, 133, 239.
Marian's Marsh, 239.
Short-billed Marsh, 133, 173.
Winter, 137.
- XANTHOLEMIA duvaucelii, 8.
Xanthornus purpurascens, 347.
Xema furcata, 88.
sabinii, 300, 320, 366.
Xiphidiopicus procussus, 189.
Xylolepes validus, 7.
- YELLOWLEGS, 394.
Greater, 133.
Yellowthroat, Maryland, 69, 197.
Nassau, 68.
- ZANCLOSTOMUS javanicus, 11.
Zebrilus pumilus, 161.
Zenaida jessicæ, 162.
martinicensis, 48.
zenaida, 47, 76, 292, 297, 336-
338, 351, 352.
Zenaidura clarionensis, 305.
macroura, 137, 190, 309, 350,
390.

ERRATA.

- Page 120, line 14, for November 20 read November 2.
 " 162, " 28, " erythrorothrax " erythrothorax.
 " 162, " 34, " Pipilo " Pipile.
 " 222, " 8, after maculatus " megalonyx.
 " 320, " 25, for Zema " Xema.
 " 354, " 26, " dominicensis " dominicus.