

INDEX TO VOLUME 57, 1945

In addition to names of species and of authors, this index includes references to the following topics: bibliography, conservation, display, distribution, diving, food, hybridization, localities by states and countries, longevity, melanism, migration, molt, nesting, new forms noticed, population, predation, roosting, taxonomy, territory, voice, weight.

- Aechmophorus occidentalis*, 76
Aethia, 25 (footnote)
Agelaius phoeniceus, 198
Aix, 6, 30
 galericulata, 26, 27, 30, 32, 48, 129
 sponsa, 26, 27, 30, 32, 129, 131
 Aldrich, John W. *Birds of a Deciduous Forest Aquatic Succession (Part 2 of Symposium)*, 243-245
Aloochen aegyptiacus, 5, 6, 12, 14, 51
Amazonetta brasiliensis, 27, 30, 51
 vittata, 27 (footnote)
Anas, 6, 16-18, 50, 51, 52
 acuta, 13, 19, 51
 albogularis, see *A. gibberifrons*
 americana, 21-22
 andium, see *A. flavirostris*
 angustirostris, 19, 23
 aucklandica, 20, 50, 52
 bahamensis, 19, 51
 bernieri, 20
 brasiliensis, see *Amazonetta brasiliensis*
 capensis, 19
 castanea, 20
 chlorotis, see *A. aucklandica*
 clypeata, 22
 couesi, see *A. strepera*
 crecca, 19
 cyanoptera, 17, 22-23
 diazi, see *A. fulvigula*
 discors, 17, 22, 131
 eatonii, see *A. acuta*
 erythrorhyncha, 19
 falcata, 20
 flavirostris, 19, 21
 formosa, 20, 79, *frontispiece*
 fulvigula, 21
 f. maculosa, 266
 galapagensis, see *A. bahamensis*
 georgica, 19, 21, 51
 gibberifrons, 20
 laysanensis, see *A. platyrhynchos*
 leucophrys, 23, 46 (fig. 18), 48, 51, 54
 luzonica, see *A. poecilorhyncha*
 melleri, 21
 oustaleti, see *A. platyrhynchos*
 penelope, 21-22, 51
 platalea, 17, 22
 platyrhynchos, 17, 19, 21, 27, 51, 52
 131
 poecilorhyncha, 21
 punctata, 19
 querquedula, 17, 22
 rhynchotis, 17, 22
 rubripes, 131; see also *A. fulvigula*
 sibilatrix, 16, 21-22, 51
 smithi, 22, 52
 sparsa, 16, 21
 specularioides, see *Lophonetta specularioides*
 specularis, 13, 18
 spinicauda, see *A. georgica*
 strepera, 20, 21, 22, 39, 51
 superciliosa, see *A. poecilorhyncha*
 undulata, 19, 21
 versicolor, 19, 23, 43
 waigiensis, 18, 46 (fig. 17), 48, 52, 53
 wywilliana, see *A. platyrhynchos*
 Anatidae, 3-55
 Anatinae, 7, 11-36, 43, 44
 Anatini, 7, 15, 16-24, 43, 44, 48, 49, 50
 Anhimae, 7
 Anser, 6, 9, 10, 50, 51, 52
 albifrons, 9, 202
 anser, 51
 brachyrhynchus, see *A. fabalis*
 cygnoides, 51
 erythropus, 9
 fabalis, 9
 neglectus, see *A. fabalis*
 Anseranas semipalmata, 5, 27, 28, 42, 43, 50, pl. 6
 Anserinae, 7, 8-11, 44
 Anserini, 7, 8-10, 43, 44, 45, 49, 50
 Antbird, Spotted, 123
 Antcatcher, Bicolored, 123
 Antpitta, 123, 126
 Ant-thrush, 122-128
 Antrostomus carolinensis, 107
 Antwren, 123
 Archilochus colubris, 203
 Arctonetta, 6; see also *Somateria fischeri*
 Ardea herodias, 131
 Arkansas, 61
 Asarcornis, see *Cairina scutulata*
 Attila rufus, 189
 Australia, 51
 Automolus leucophthalmus, 189
 Aythya, 6, 25 (footnote), 26, 52; see also *Nyroca*
 affinis, 25, 26
 americana, 26
 australis, 26
 baeri, 26
 collaris, 26
 ferina, 26

- fuligula, 25, 26, 48
innotata, 26, 53
marila, 25, 26
novae-seelandiae, 26
nyroca, 26
valisineria, 25, 26
Aythyini, 7, 24-26, 43, 44, 48, 49, 50
Baker, Bernard, pl. 11
Barbour, Thomas. "A Naturalist in Cuba" (reviewed), 265; review by, 137
Barro Colorado Island, 122, 123
Basileuterus fulvicauda, 222, 227, 230, 232
Batara cinerea, 189
Baumgartner, Frederick M. New records for northcentral Oklahoma, 76-77
Baumgras, Philip. Crow killed by a Red-tailed Hawk, 129
Bibliography, 82-85, 138-142, 211-214, 267-271
Biziura lobata, 36
Blackbird, Brewer's, 247, 266
European, 58, 63, 67, 68, 70
Bobolink, 105, 247
Bob-white, 131, 193
Bonasa umbellus, 131
Bond, James. "Check-list of Birds of the West Indies" (reviewed), 137-138
Brackbill, Hervey. Robin using abandoned Cardinal nest, 261
Brant, 37
Branta, 9, 10, 50, 51, 52
 bernicla, 37
 canadensis, 131, pl. 2
 leucopsis, 37
 ruficollis, 37
 sandwicensis, 9, pl. 2
Brazil, 26 (footnote), 188-190
Brooks, Maurice Graham, biog. sketch of, 135
Bubo virginianus, 131
Bucephala albeola, 32, 54
 clangula, 34
 islandica, 34
Buffle-head, 32, 54
Bunting, Indigo, 92, 107
 Lark, 77, 247
 Painted, 107
Buteo jamaicensis, 129, 131
 lineatus, 131
Butorides virescens, 96
Cairina, 48, 49, 51
 hartlaubi, 29
 moschata, 27, 29, 47 (fig. 20)
 scutulata, 29
Cairinini, 7, 11, 26-31, 44, 45, 48, 49, 50, 51
Calamospiza melanocorys, 77
California, 202
Calonetta, 23
Campeche, 92, 112-116
Campephilus principalis, 131
Camptorhynchus labradorius, 32, 33
Canada, 247, 248
Canvas-back, 25, 26
Capella gallinago delicata, 75, 76, 89
 g. gallinago, 76
Cardinal, 193, 261
Care of young, 8, 10, 15, 22, 35, 44, 49, 147, 149, 151-152, 153, 157, 160-161, 162, 163, 178-182
Carpodacus purpureus, 67
Casarca, 5, 11; see also Tadorna
Castle-builders, 127
Catbird, 244
Cathartes aura, 203
Ceophloeus pileatus, 131
Cereopsis novae-hollandiae, 5, 11, 12, 13, 42, 43, 48, 50, pl. 4
Certhiaxis cinnamomea, 189
Chamberlain, Frank Wilbut. "Atlas of Avian Anatomy: Osteology, Arthrology, Myology" (reviewed), 138
Chapman, Frank M. Obituary, 264
Charadriiformes, 64
Charadrius hiaticula, 64
Chat, Yellow-breasted, 92, 107
Chateau de Clères, 3
Chaulelasmus, 17; see also Anas strepera
Chen, 6, 9, 131
 atlantica, 37
 caerulescens, 37
 hyperborea, 37, 202
 rossi, 37
Cheniscus, 40
Chenonetta jubata, 5, 27, 30-31, 42, 47 (fig. 19), 48, 129
Chenopsis, see Cygnus atratus
Chickadee, Black-capped, 244
Chicken, Greater Prairie, 90-91, 133 (fig.)
 Prairie, 131, 195
Chlidonias nigra, 204
Chloëphaga, 5, 6, 11, 12-14, 15, 27, 50
 dispar, see C. picta
 hybrida, 13
 leucoptera, see C. picta
 melanoptera, 13
 picta, 13, 48, pl. 5
 poliocephala, 13, pl. 5
 rubidiceps, 13
Chondestes grammacus grammacus, 131
Chordeiles acutipennis, 109
 minor, 107, 204
Chuck-will's-widow, 107
Cichocolaptes leucophrys, 189
Circus cyaneus hudsonius, 131
Clangula hyemalis, 32, 34, 48

- Coccyzus americanus*, 107
erythrophthalmus, 101, 104
Colaptes auratus, 131
Colibri cyanotus, 165
thalassinus, 165-187
Colinus virginianus, 131, 193
 Colorado, 261
Compsothlypis americana, 97, 98, 107
 Conservation, 78, 136
Corvus brachyrhynchos, 129, 131
Corvus corax, 131
 c. principalis, 266
 c. sinuatus, 266
Coscoroba coscoroba, 6, 10, 11, 43, 45,
 pl. 3
 Costa Rica, 123, 217, 223-240
 Cowbird, Shiny, 189, 190
 Crane, Little Brown, 131
 Sandhill, 131, 247
 Whooping, 134-135
 Crow, 129, 131
Crypturellus obsoletus, 189, 190
Cuckoo, Black-billed, 101, 104
 Yellow-billed, 107
Cyanochen cyanopterus, 11, 12, 14, 50
Cyanocitta cristata, 70
Cygnopsis, 9
Cygnus, 6
 atratus, 8, 10, 49
 bewicki, see *C. columbianus*
 buccinator, 131; see also *C. cygnus*
 columbianus, 8
 cygnus, 8,
 melanocoryphus, 8, 9
 olor, 8, 9, 10
 Dafila, 6
 Dambach, Charles A. Wildlife Conser-
 vation, 78, 136
 Davis, David E. The Occurrence of the
 Incubation-Patch in Some Brazil-
 ian Birds, 188-190
 Delacour, Jean. The display of the
 Maned Goose, 129; biog. sketch
 of, 88
 Delacour, Jean, and Ernst Mayr. The
 Family Anatidae, 3-55
Dendrocygna, 6, 9, 10-11, 49
 arborea, 11
 arcuata, 11
 autumnalis, 11, 45
 bicolor, 10, 11, 45, 52
 eytoni, 11, 45, 46 (fig. 15), pl. 4
 guttata, 11, 45, 46 (fig. 14)
 javanica, 11
 viduata, 10, 11, 52, pl. 3
Dendrocygnini, 7, 10-11, 43, 44, 45, 49,
 50
Dendroica aestiva, 96, 101, 102, 196, 198
 caerulescens, 104, 149-152, 162
 castanea, 101, 105, 108
 cerulea, 96, 98
 discolor, 107, pl. 11
 dominica, 97, 98, 107
 d. albilora, 130
 fusca, 98, 101, 105, 146 (fig. 1),
 153-154, 162
 magnolia, 101, 104, 146, 147 (fig. 2),
 148, 162
 pennsylvanica, 101, 105, 150, 154-157,
 162
 potomac, 130
 striata, 101, 102, 105
 tigrina, 101, 104, 132
 virens, 101, 105, 147 (fig. 2), 152-
 153, 154, 162
Dendronessa, 6; see also *Aix galericu-*
 lata
 Dickcissel, 108, 130
 Display, 3, 7, 8, 9, 10, 11, 12, 13, 14,
 15, 17-18, 19, 20, 21, 22, 23, 24,
 25, 26, 28-29, 30, 31, 33, 34-35,
 44, 49-50, 129, 148-149, 150, 158,
 160, 170, 171-172, 222, 233-234,
 239
 Distribution, 51-53, 191-201, 243-252
 Diving, 9, 11, 12, 16, 32, 44, 50
Dolichonyx oryzivorus, 105
 Dove, Mourning, 193, 198
Dowitcher, 89, 133, pl. 8
Drymophila ferruginea, 189
 milura, 189
Dryobates villosus, 159
 Duck,
 African Black, 16, 21
 African Red-billed, 19
 African Yellow-billed, 19, 21
 African White-backed, 36
 Argentine Ruddy, 35
 Australian, 21, 39
 Australian Musk, 36,
 Australian White-eyed, 26
 Baer's White-eyed, 26
 Bahama, 19, 51
 Black, 21, 39, 131
 Black-billed Whistling, 11, 37
 Black-headed, 36, 54
 Blue, 23, 54
 Blue-billed, 35
 Bronze-winged, 13, 18
 Comb, 28-29, 43, 48, 49, pl. 7
 Common White-eyed, 26
 Crested, 11, 12, 13, 15, 18, 54
 Dusky, 21
 Freckled, 6, 24, 42, 43, 54
 Fulvous Whistling, 10, 11, 45, 52
 Galápagos Island, 19, 38
 Harlequin, 32, 34, 48
 Hartlaub's, 29
 Hawaiian, 21, 39, 52
 Indian Whistling, 11, 37
 Labrador, 32, 33
 Maccoa, 41
 Madagascan White-eyed, 26, 53
 Mandarin, 26, 27, 30, 32, 48, 129
 Masked, 35
 Meller's, 21

- Mexican, 21, 39
Mottled, 266
Muscovy, 27, 29, 47 (fig. 20)
New Zealand, 26
North American Ruddy, 35
Peruvian Ruddy, 35, 41
Philippine, 21, 39
Pink-eared, 6, 23, 50, 54
Pink-headed, 23, 52, 54
Plumed Whistling, 11, 45, 46 (fig. 15), pl. 4
Red-billed Whistling, 11, 37, 45
Ring-necked, 26, 131
Salvadori's, 18, 46 (fig. 17), 48, 52, 53
Southern Stiff-tailed, 47 (fig. 22)
Spotted Whistling, 11, 45, 46 (fig. 14)
Steamer, 6, 11, 15, 38
Torrent, 23, 36, 45, 47 (fig. 23), 48-49, 50, 54
Tufted, 25, 26, 48
Wandering Whistling, 11, 37
White-faced Whistling, 10, 11, 52, pl. 3
White-headed, 35
White-winged, 29
Wood, 26, 27, 30, 32, 129, 131
- Eagle, Bald, 131
Ectopistes migratorius, 131
Eider, 6, 43, 48
Common, 33
King, 33
Spectacled, 33, 52
Steller's 33
Elaenia mesoleuca, 189
Empidonax euleri, 189, 190
flaviventris, 104
minimus, 101
traillii, 101
virescens, 96, 107
Ereunetes pusillus, 203
Ergaticus versicolor, 222, 230
Erithacus rubacula melophilus, 63, 67, 70
Erolia minutilla, 203
Eulabeia, 9, 37
Eupetomena macroura, 189, 190
Euphagus cyanocephalus, 266
- Falco sparverius, 203
Farner, Donald S. Age Groups and Longevity in the American Robin, 56-74, 142 (footnote)
Figgins, Jesse Dade. "Birds of Kentucky" (reviewed), 265-267
Finch, Purple, 67, 247
Flicker, 131
Florida, 97, 103, 104-105, 109, 118
Flycatcher, Acadian, 96, 107
Alder, 101, 244
Crested, 127, 195
Least, 101
- Olive-sided, 247
Yellow-bellied, 104
Food, 8, 11, 12, 25, 32, 35, 44, 50, 77, 123, 132, 179-181, 196, 202, 204, 218, 224-225, 234-235, 262
Formicarius analis, 122-128
- Gadwall, 20, 21, 22, 39, 51
Gavia immer, 131
Georgia, 61, 104-105, 106
Georgia Ornithological Society, 271
Geothlypis trichas, 158-159, 161
Godwit, Marbled, 247
Golden-eyes, 6, 34, 35
Goldfinch, Eastern, 244
Goosander, 34, 43
Goose, 4-5, 8-10, 43
Abyssinian Blue-winged, 11, 12, 14, 50
African Pygmy, 31
African Spur-winged, 27, 28, 43, 47 (fig. 21), 48, 50, pl. 7
Andean, 13
Ashy-headed, 13, pl. 5
Bar-headed, 37
Barnacle, 37
Bean, 9, 37
Blue, 37, 131
Canada, 131, pl. 2
Cape Barren, 5, 11, 12, 13, 42, 43, 48, 50, pl. 4
Chinese, 51
Egyptian, 5, 6, 12, 14, 51
Emperor, 37
Gray, 51
Green Pygmy, 31
Grey-Lag, 51
Hawaiian, 9, pl. 2
Indian Pygmy, 31
Kelp, 13
Lesser White-fronted, 9
Magellan, 13, 48, pl. 5
Maned, 5, 27, 30-31, 42, 47 (fig. 19), 48, 129
Orinoco, 11, 12, 14, 43, pl. 6
Pied, 5, 27, 28, 42, 43, 50, pl. 6
Pink-footed, 9, 37
Red-breasted, 37
Ross's, 37
Ruddy-headed, 13
Snow, 37, 131, 202
Sushkin's, 9, 37
White-fronted, 9, 202
Goslin, Robert. Bird remains from an Indian village site in Ohio, 131
Grackle, Boat-tailed, 266
Grallaria, 123
perspicillata, 126
Grebe, Pied-billed, 131, 244
Western, 76
Greene, Earle R., William W. Griffin, Eugene P. Odum, Herbert L. Stoddard, Ivan R. Tomkins, and Eu-

- gene E. Murphey. "Birds of Georgia" (reviewed), 209-210
- Griffin, William W., see Greene, Earle R., *et al.*
- Grinnell, Joseph, and Alden H. Miller. "The Distribution of the Birds of California" (reviewed), 207-209
- Griscom, Ludlow. "Modern Bird Study" (reviewed), 137; review by, 207-209
- Grosbeak, Rose-breasted, 101, 102, 105, 194 (footnote)
- Grouse, Prairie Sharp-tailed, 90-91
Ruffed, 131
- Grus canadensis canadensis, 131
c. tabida, 131
- Guatemala, 217, 218-223
- Guira guira, 189, 190
- Gull, Black-headed, 64, 70
Bonaparte's, 204
Herring, 202
Ring-billed, 77, 204
- Gymnophrys bicolor, 123
- Habia rubica*, 189
- Haliaeetus leucocephalus*, 131
- Hamerstrom, Frances, review by, 81
- Haplospiza unicolor*, 189
- Hawk, Marsh, 131, 247
Red-shouldered, 131
Red-tailed, 129, 131
Sparrow, 203
- Hedymeles ludovicianus*, 101, 102, 105, 194 (footnote)
- Heliobletus contaminatus*, 189
- Helmitheros vermivorus*, 107, 262
- Hemitriccus diops*, 189
- Heron, Great Blue, 131
Green, 96
- Heteronetta atricapilla*, 36, 54
- Hickey, Joseph J. Birds of the Deciduous Forest (Part 3 of Symposium), 245-246
- Hicks, Lawrence E. Some West Virginia breeding-season records, 129-131
- Hirundo erythrogaster*, 203
- Histrionicus histrionicus*, 32, 34, 48
- Holland, Ray P., see Hunt, Lynn Bogue, and—
- Hummingbird, Broad-tailed, 174 (fig. 5), 175
Mexican Violet-eared, 165-187
Ruby-throated, 203
Swallow-tailed, 189, 190
White-eared, 168, 171, 174 (fig. 5), 175, 176, 179
- Hunt, Lynn Bogue, and Ray P. Holland. "Game Birds of America" (reviewed), 81
- Hybridization, 9, 19, 22, 27, 28, 30, 34, 51
- Hylocharis leucotis*, 168, 171, 174 (fig. 5), 175, 176, 179
- Hylocichla fuscescens*, 99 (footnote), 104, 196
minima, 99 (footnote), 104
mustelina, 195
ustulata, 99 (footnote), 102, 104
- Hylophylax naevioides*, 123
- Hymenolaimus malacorhynchus*, 23, 54
- Icteria virens*, 92, 107
- Icterus galbula*, 107
spurius, 96, 98, 107
- Incubation-patch, 188-190
- Indiana, 204
- Inland Bird Banding Association, 86
- Jaques, Francis L., 80
- Jay, Blue, 70, 244
Steller's, 247
- Kendeigh, S. Charles. Nesting Behavior of Wood Warblers, 145-164
- Kentucky, 202, 265-267
- Kingbird, Arkansas, 127
Eastern, 95, 107, 193, 244
- Knight, John Alden. "Woodcock" (reviewed), 80-81
- Lapwing, 67, 70
- Lark, Horned, 247
Prairie Horned, 195
- Larus argentatus*, 202
delawarensis, 77, 204
philadelphia, 204
r. ridibundus, 64, 70
- Lepidocolaptes fuscus*, 189
- Limnodromus griseus*, 89, 133 (fig.), pl. 8
- Limnithlypis swainsonii*, 107-108, 129
- Longevity, 56-74
- Longspur, Chestnut-collared, 247
- Loon, Common, 131
- Lophodytes, see *Mergus cucullatus*
- Lophonetta specularioides*, 11, 12, 13, 15, 18, 54
- Lophortyx californica*, 64
- Lorenz, K., 3
- Louisiana. 95-96, 97-98, 99-102, 103, 104-105, 106, 108-109, 113-114, 118-119, pls. 9-10
- Lovell, Harvey B. Reaction of American Mergansers to Herring Gull depredations, 202
- Lowery, George H. Jr. Trans-Gulf Spring Migration of Birds and the Coastal Hiatus, 92-121; review by, 209-210
- Malacorhynchus membranaceus*, 6, 23, 50, 54
- Mallard, 12, 24 (fig.)
Common, 17, 19, 21, 27, 51, 131, 244

- Marianas, 21, 39
Mareca, 17; see also *Anas*
Martin, Purple, 95, 107
Maryland, 261
Mayr, Ernst. "Birds of the Southwest Pacific" (reviewed), 80; see also Delacour, Jean, and—
Mayr, Margaret, translation by, 165–187
Meadowlark, 193, 247
Melanism, 75–76
Melanitta fusca, 32, 33–34, 43, 48
 nigra, 32, 33–34, 43, 48
 perspicillata, 32, 33–34, 48
Meleagris gallopavo, 131, 204
Melospiza melodia, 198
 m. euphonia, 63, 67, 72
Merganetta, 23, 36, 48–49, 54
 armata colombiana, 47 (fig. 23)
Merganettini, 7, 36, 44, 45, 48–49, 50
Merganser, 4, 34–35, 48, 50–51
 American, 202; see also Goosander
 Auckland Island, 33
 Brazilian, 33
 Hooded, 32, 34, 35, 54
 Red-breasted, 34, 43
 Scaly-sided, 41
Mergellus, see *Mergus albellus*
Mergini, 6, 7, 32–35, 43, 44, 45, 48, 49, 50
Mergus, 34–35, 48, 50–51
 albellus, 32, 34, 35,
 australis, 33
 cucullatus, 32, 34, 35, 54
 merganser, 34, 43
 m. americanus, 202
 octosetaceus, 33
 serrator, 34, 43
 squamatus, 41
Metopiana, see *Netta peposaca*
Michigan, 75, 129
Microrhopias quixensis, 123
Migration, 62, 92–121, 166–167, 203–204
Miller, Alden H., review by, 138; see also Grinnell, Joseph, and—
Mimus saturninus, 189
Mississippi, 96–97, 98–99, 101, 103, 104–105, 109, 112–113, 115
Mniotilta varia, 97, 98, 147, 162, 262
Molothrus bonariensis, 189, 190
Molt, 8, 16, 20, 22–23, 28, 31, 33, 34, 35, 44, 45, 223, 234, 239
Moore, A. D. Winter Night Habits of Birds, 253–260
Murphey, Eugene E., see Greene, Earle R., *et al.*
Myiarchus crinitus, 127, 195
Myiobius atricaudus, 189
Myioborus miniatus aurantiacus, 223–234, 236
 m. connectens, 218 (footnote)
 m. hellmayri, 217–223, pl. 12
 m. pallidiventris, 224
 torquatus, 222, 228, 230, 234–240
Myiochanes virens, 107, 195
Myiodynastes solitarius, 189, 190
Myiozetetes similis, 189
Myrmeciza loricata, 189
Nelson, Theodora, biog. sketch of, 216
Neocheilus jubatus, 11, 12, 14, 43, pl. 6
Nesochen, see *Branta sandwichensis*
Nesonetta, see *Anas aucklandica*
Nesting, 8, 11, 12, 13, 14, 27, 32, 34, 35, 44, 50, 122–128, 145–164, 165–187, 217–242, 261
Netta erythrophthalma, 25–26, 52
 peposaca, 25–26, 43
 rufina, 25–26, 43
Nettapus, 27, 28, 30, 48
 auritus, 31
 coromandelianus, 31
 pulchellus, 31
Nettion, 6
New forms noticed: *Agelaius xanthomus monensis*, 139
 Amphispiza bilineata carmenae, 268
 Amphispiza bilineata sanctissima, 268
 Carpodacus cassinii vinifer, 268
 Carpodacus purpureus rubidus, 268
 Centurus carolinus perplexus, 83
 Cyanocitta stelleri atriceps, 139
 Lochmias nematura nelsoni, 82
 Pelecanus occidentalis murphyi, 268
 Pelecanus occidentalis urinator, 268
 Polioptila albiloris varrosemii, 82
 Regulus satrapa amoensis, 140
 Thryomanes bewickii altus, 82
 Troglodytes brunneicollis vorhiesi, 267
New York, 145–164
Niedrach, Robert J. Colorado nesting records of Starlings, 261
Nighthawk, 107, 204, 247
 Texas, 109
Nomenclature, 5
Nomonyx, see *Oxyura dominica*
North Carolina, 61
Nutcracker, Clark's, 247
Nuthatch, Eastern White-breasted, 244
 Red-breasted, 247
Nyroca, 6; see also *Aythya*
 affinis, 131
 americana, 64
 collaris, 131
Odum, Eugene P. The Concept of the Biome as Applied to the Distribution of North American Birds (Part 1 of Symposium), 191–201; see also Greene, Earle R., *et al.*
Ohio, 131, 132, 243–245, 262
Oidemia, see *Melanitta nigra*
Oklahoma, 76–77, 142
Old-squaw, 32, 34, 48

- Onychorhynchus swainsoni*, 189
Oporornis agilis, 110-112
 formosus, 96, 98, 107
 philadelphia, 110-112
Oriole, Baltimore, 107
 Orchard, 96, 98, 107
Ostinops decumanus, 189
Otocoris alpestris praticola, 195
Oven-bird, 98, 101, 105, 146, 147, 158, 159, 244
Owl, Barred, 131, 132
 Burrowing, 247
 Great Horned, 131
 Short-eared, 247
Oxyura australis, 35
 a. australis, 47 (fig. 22)
 dominica, 35
 ferruginea, 35
 jamaicensis, 35
 leucocephala, 35
 vittata, 35
Oxyurini, 7, 35-36, 43, 44, 45, 48, 49, 50

Pachyramphus polychopterus, 189
 Palmyra Island, 52
Parus bicolor, 193
Passerherbulus henslowi, 130
Passerina ciris, 107
 cyanea, 92, 107
Pedioecetes phasianellus campestris, 90-91
 Peet, Dr. Max Minor, biog. sketch of, 272
 Peters, James Lee. "Check-list of Birds of the World" (reviewed), 206-207; review by, 137-138
 Peterson, Roger Tory. Coniferous Forest Birds (Part 5 of Symposium), 247-248
 Pettingill, Olin Sewall Jr., biog. sketch of, 216; review by, 80-81
 Pewee, Eastern Wood, 195, 244
 Wood, 107
 Philacte, 6, 9, 37
 Phillips, Richard Stuart. Cape May Warblers capturing flying insects, 132
 Philohela minor, 77, 131
 Phoenicopter, 7
Phyllomyias griseicapilla, 189, 190
Piaya cayana, 189
Pigeon, Passenger, 131
Pintail, Common, 13, 19, 51
 Eaton's, 19, 39
 South American Brown, 19, 21, 51
 South Georgian, 19
Pipit, Sprague's, 247
Piranga olivacea, 101, 102, 105, 106
 rubra, 98, 107
Platycichla flavipes, 189
Plectropterus gambensis, 27, 28, 43, 47
 (fig. 21), 48, 50, pl. 7
Plover, Ringed, 64
 Upland, 247
Pochard, European, 26
 Red-crested, 25-26, 43
 Rosy-billed, 25-26, 43
 Southern, 25-26, 52
Podilymbus podiceps, 131
Polysticta, 6; see also *Somateria stelleri*
 Population, 56-74
 Predation, 129
Procnias nudicollis, 189, 190
Progne subis, 95, 107
Protonotaria citrea, 97, 98, 107
Pseudotadorna, see *Tadorna cristata*
Pteronetta, see *Cairina hartlaubi*
Pyrrhura leucoptera, 189
Pyrrhura frontalis, 189

Quail, California, 64
Querquedula, 17

Rail, Virginia, 244
Raven, 131
 American, 266
Rea, Gen. Black and White Warbler feeding young of Worm-eating Warbler, 262
Redhead, 26, 64
Redstart, American, 92, 96, 98, 156, 157, 159, 162, 194 (footnote)
 Collared, 222, 228, 230, 234-240
 Costa Rican Orange-bellied, 223-234, 236
 Pacific Orange-bellied, 217-223, pl. 12
Red-wing, 198
 Eastern, 244
Rhodonessa caryophyllacea, 23, 52, 54
Richmondia cardinalis, 193, 261
Rindisbacher, Peter, 89-91, 133, pl. 8
Robin, American, 56-74, 195, 261
 English, 63, 67, 70
 Southern, 71, 142
 Roosting, 253-260

Salvadorina, see *Anas waigiensis*
Sandpiper, Least, 203
 Semi-palmated, 203
Sapsucker, Williamson's, 247
Sarkidiornis carunculatus, see *S. melanotos*
 melanotos, 28-29, 43, 48, 49, pl. 7
Scaup, 24 (fig.), 25, 48
 Greater, 26
 Lesser, 26, 131
Schistochlamys ruficapillus, 189
 Schorger, A. W. Bird Portraits by Peter Rindisbacher, 89-91; Absorbent for use in the preparation of scientific skins, 261
 Schwartz, Charles W. "The Prairie

- Chicken in Missouri" (reviewed), 81
- Scelerurus scansor*, 189
- Scolopax rusticola*, 64, 67
sabini, 76
- Scoter, 4, 6
Common, 32, 33-34, 43, 48
Surf, 32, 33-34, 48
White-winged, 32, 33-34, 43, 48
- Seidel, Alexander, 45 (footnote), 46-47 (figs. 14-23), 80
- Seiurus aurocapillus*, 98, 101, 105, 146, 147, 158, 159
motacilla, 98, 158, 162
noveboracensis, 101, 105, 108
- Selasphorus platycercus*, 174 (fig. 5), 175
- Sensenig, E. Carl. The formation of pellets by the Barred Owl, 132
- Serology, 51
- Setophaga ruticilla*, 92, 96, 98, 156, 157, 159, 162, 194 (footnote)
- Sheldrake, 5, 6
Australian, 14, 15
Common, 12, 14, 15, 43
Korean, 14, 53
Paradise, 15
Radjah, 12, 14, 15
Ruddy, 12, 14, 15, 45, 46 (fig. 16)
South African, 15
- Shelford, V. E. (ed.) Bird Distribution and Ecological Concepts, A Symposium of the Wilson Ornithological Club, 191-201, 243-252; (auth.) Part 6. The Relative Merits of the Life Zone and Biome Concepts, 248-252
- Sheppard, R. W. Gulls and terns hawking flying insects, 204
- Shortt, Terence M. Baikal Teal (*Anas formosa*), frontispiece
- Shoveller, 50
Australian-New Zealand, 17, 22
Cape, 22, 52
Common, 22
South American, 17, 22
- Siskin, Pine, 247
- Skutch, Alexander F. On the Habits and Nest of the Ant-thrush *Formicarius analis*, 122-128; Studies of Central American Redstarts, 217-242
- Smew, 32, 34, 35
- Snipe, Common, 76
Sabine's, 76
Wilson's, 75-76, 89
- Solitaire, Townsend's, 247
- Somateria*, 6, 32, 43, 48
fischeri, 33, 52
mollissima, 33
spectabilis, 33
stelleri, 33
- Sooter, Clarence A. Soaring geese at Tulelake, California, 202
- South Africa, 26 (footnote)
- South Carolina, 61
- Sparrow, Baird's, 247
Eastern Lark, 131
Eastern Swamp, 244
Henslow's, 130
Mississippi Song, 244
Song, 63, 67, 72, 198
- Spatula, 17, see also *Anas*
- Spiza americana*, 108, 130
- Spot-bill, 21
- Starling, 63, 67, 70, 72, 261
- Sterna hirundo*, 204
- Stevens, O. A. Grassland Birds (Part 4 of Symposium), 247
- Stictonetta naevosa*, 6, 24, 42, 43, 54
- Stoddard, Herbert L. Sr., biog. sketch of, 272; see also Greene, Earle R., *et al.*
- Strix varia*, 131, 132
- Sturnella magna*, 193
- Sturnus vulgaris*, 63, 67, 70, 72, 261
- Sutton, George Miksch, review by, 265-267
- Swallow, Barn, 203
- Swan, 8, 9, 43
Bewick's, 8, 37
Black, 8, 10, 49
Black-necked, 8, 9
Mute, 8, 9, 10
Trumpeter, 8, 37, 131
Whistling, 8
Whooper, 8
- Swan-goose, 51
- Synallaxis*, 127
- Syndactyla rufosuperciliata*, 189
- Tachyeres, 6, 11, 15, 38
- Tadorna, 5, 6, 11, 12, 13, 14-15, 52
cana, 15
cristata, 14, 53
ferruginea, 12, 14, 15, 45, 46 (fig. 16)
radjah, 12, 14, 15
tadorna, 12, 14, 15, 43
tadornoides, 14, 15
variegata, 15
- Tadornini, 7, 11-15, 44, 45-48, 49, 50
- Tanager, Scarlet, 101, 102, 105, 106
Summer, 98, 107
- Tanagra chalybea*, 189
- Taxonomy, 3-6, 53 (fig. 24), 79
- Teal,
Andaman, 20, 39
Andean, 39
Auckland Island, 20, 52
Baikal, 29, 79, frontispiece
Blue-winged, 17, 22, 131
Brazilian, 27, 30, 51
Brown, 20, 39, 50, 52

- Cape, 19
Chestnut-breasted, 20
Cinnamon, 17, 22-23
Cotton, 31
Falcated, 20
Garganey, 17, 22
Gray, 20
Green-winged, 19
Hottentot, 19
Laysan, 21, 39, 52
Madagascan, 20
Marbled, 19, 23
Ringed, 23, 46 (fig. 18) 48, 51, 54
Versicolor, 19, 23, 43
Yellow-billed, 19, 21
Tennessee, 102, 103, 104-105, 106
Tern, Black, 204
 Common, 204
Territory, 145-163, 168, 172-175
Thalassornis leuconota, 36
Thlyptis sordida, 189
Thorp, George B., letter, 144
Thraupis ornata, 189
Thrush, Gray-cheeked, 99 (footnote),
 104, 247,
 Hermit, 247
 Olive-backed, 99 (footnote), 102, 104
 Song, 63, 67, 68, 70
 Wood, 195
Thryomanes bewickii, 127
Thryothorus ludovicianus, 193
Titmouse, Tufted, 193, 244
Tityra cayana, 189, 190
Tomkins, Ivan R., see Greene, Earle
 R., *et al.*
Trautman, Milton B., see Van Tyne,
 Josselyn, and—
Trautman, Milton B., and Mary A.
 Trautman. Ring-billed Gulls fly-
 catching, 77
Trichothraupis melanops, 189
Troglodytes, 127
 aëdon, 72
 musculus, 189
Trogonurus rufus, 189
Turdus e. ericetorum, 63, 67, 68, 70
 m. merula, 58, 63, 67, 68, 70
 migratorius, 56-74, 195, 261
 migratorius achrusterus, 71 (foot-
 note), 142
Turkey, 131, 204
Tympanuchus cupido, 131, 195
 c. pinnatus, 90-91, 133
Tyrannus tyrannus, 95, 107, 193
 verticalis, 127
Utah, 52
Vanellus vanellus, 67, 70
Van Tyne, Josselyn. A melanistic spec-
 imen of Wilson's Snipe, 75-76;
 reviews by, 80, 81, 206-207, 265
Van Tyne, Josselyn, and Milton B.
 Trautman. Migration records from
 Yucatan, 203-204
Veery, 99 (footnote), 104, 196
Vermivora chrysoptera, 101, 104, 156
 peregrina, 104
 pinus, 101, 102, 104
 ruficapilla, 101, 102, 104, 108-109,
 148
 superciliosa, 222
Violet-ear, Mexican, 165-187
Vireo flavifrons, 98, 107
 gilvus, 107, 109
 griseus, 97, 98
 olivaceus, 96, 107, 198, 199
 philadelphicus, 101, 104, 109
Vireo,
 Philadelphia, 101, 104, 109
 Red-eyed, 96, 107, 198, 199, 244
 Warbling, 107, 109
 White-eyed, 97, 98
 Yellow-throated, 98, 107
Virginia Society of Ornithology, 86
Voice, 7, 8, 10, 12, 13, 14, 15, 16, 19,
 20, 21, 22, 23, 25, 28, 31, 33, 35,
 36, 44, 122, 145-164, 169-170, 219,
 221, 223, 225, 235
Vulture, Turkey, 203
Wagner, Helmuth O. Notes on the
 Life History of the Mexican
 Violet-ear, 165-187
Warbler, Bay-breasted, 101, 105, 108,
 247
 Black and White, 97, 98, 147, 162,
 262
 Blackburnian, 98, 101, 105, 146 (fig.
 1), 153-154, 162
 Black-poll, 101, 102, 105, 247
 Black-throated Blue, 104, 149-152,
 162
 Black-throated Green, 101, 105, 147
 (fig. 2), 152-153, 154, 162
 Blue-winged, 101, 102, 104
 Buff-rumped, 222, 227, 230, 232
 Canada, 101, 105, 146 (fig. 1), 159
 Cape May, 101, 104, 132, 247
 Cerulean, 96, 98
 Chestnut-sided, 101, 105, 150, 154-
 157, 162
 Connecticut, 110-112
 Eastern Yellow, 244
 Golden-winged, 101, 104, 156
 Hartlaub's, 222
 Hooded, 97-98, 107
 Kentucky, 96, 98, 107
 Magnolia, 101, 104, 146, 147 (fig. 2).
 148, 162, 247
 Mourning, 110-112
 Nashville, 101, 102, 104, 108-109, 148
 Parula, 97, 98, 107, 247
 Pink-headed, 222, 230

- Prairie, 107, pl. 11
Prothonotary, 97, 98, 107
Sutton's, 130
Swainson's, 107-108, 129
Sycamore, 130
Tennessee, 104
Wilson's, 109-110
Worm-eating, 107, 262
Yellow, 96, 101, 102, 196, 198
Yellow-throated, 97, 98, 107
Water-thrush, Louisiana, 98, 158, 162
Northern, 101, 105, 108
Weight, 185
West Africa, 28
West Virginia, 129-131
Wetmore, Alexander, Record of the
Turkey from the Pleistocene of
Indiana, 204
Widgeon, 49
American, 21-22
Chilöe, 16, 21-22, 51
European, 21-22, 51
Willett, George. Obituary, 205
Wilson Ornithological Club, Library,
88, 143, 215, 216, 264; Member-
ship Roll, 273-301; New Life Mem-
bers, 88, 135, 216, 272; Reports,
86-87, 143, 144, 262; Symposium,
191-201, 243-252
Wilsonia canadensis, 101, 105, 146 (fig.
1), 159
citrina, 97-98, 107
pusilla, 109-110
Woodcock, American, 77, 131
European, 64, 67
Woodpecker, Eastern Hairy, 244
Hairy, 159
Ivory-billed, 131
Northern Downy, 244
Pileated, 131
Wren, Bewick's, 127
Carolina, 193
House, 72, 127
Long-billed Marsh, 244
Rock, 247
Xenonetta nesiotis, see Anas aucklandica
Xiphocolaptes albicollis, 189
Yellow-throat, 158-159, 161
Northern, 244
Yucatan, 92, 112-116, 118, 203-204
Zenaidura macroura, 193, 198