

INDEX TO VOLUME 69, 1957

This index includes, in addition to names of species and authors, references to the following topics: behavior, conservation, embryology, food habits, hybrids, geographic localities, growth, measurements, migration, molts and plumages, nesting, parasitism, physiology, populations, predation, taxonomy, voice, and weights. References of biological significance to mammals and reptiles are grouped under those headings. Names of new forms described in this volume are printed in **boldface** type.

- Accipiter cooperii, 62, 111, 184, 263
 striatus, 52, 58, 62, 184
Acridotheres cristatellus, 234
 fuscus, 234
 ginginianus, 234
 tristis, 208, 234
Acrocephalus scirpaceus, 89
Actitis macularia, 53
Aechmophorus mexicanus, 365
Aegolius acadicus, 178
Agelaius, 183
 phoeniceus, 103, 182, 233, 276
Ailuroedus crassirostris, 234
Aix, 291, 296, 297, 299
 galericulata, 291–300
 sponsa, 16, 280, 291–300, 369
Alauda arvensis, 330, 331
Alberta, 338, 339, 348
Alcedinidae, 59
Alectoris graeca, 230
Allen, Arthur A., photograph by, opp. 195
Allen, Durward L., "Pheasants in North America," reviewed, 117–119
Allen, Robert Porter, "The Flamingoes: Their Life History and Survival," reviewed, 189–190
Alopochen aegyptiacus, 370
Amazilia tzactl, 275
 yucatanensis, 275
Amazona autumnalis, 274
 leucocephala, 304
 viridigenalis, 274
Ammodramus savannarum, 55
Anhinga, 51, 52
 anhinga, 52
Anas, 31, 291, 296–299
 acuta, 15, 52
 americana, 15
 carolinensis, 52
 clypeata, 21
 crecca carolinensis, 109
 cyanoptera, 15
discors, 21, 52, 279, 280
platyrhynchos, 15, 52, 181, 280, 292, 294,
 295, 296, 363, 368
rubripes, 31, 280
strepera, 21, 52
superciliosa, 16
Anatidae, 299
Anatinæ, 291
Ani, Groove-billed, 305
 Smooth-billed, 106, 305–306
Anser albifrons, 166, 169
 anser, 10, 292, 295, 296
 arvensis, 10
 caerulescens, 21
Anseriformes, 51
Ant-Tanager, Red-throated, 233
Anthus pratensis, 247
 spinoletta, 54
 trivialis, 230, 248
Antiurus maculicaudatus, 364
Apodiformes, 59
Apostle-Bird, 234
Apus apus, 248
Aquila chrysaetos, 106–107
Aramus guarauna, 311
Archilochus, 157, 158
 colubris, 53, 155–163
Ardea herodias, 52
 occidentalis, 106
Arenaria interpres, 53
Arizona, 164
Asio flammeus, 53, 111
Asyndesmus lewisi, 166
Athene noctua, 248
Avocet, 112
Aythya, 25, 26, 31
 affinis, 21, 52
 americana, 5–34, 52
 collaris, 17, 52
 ferina, 24
 fuligula, 7
 valisineria, 15–17, 52

- Bailey, Alfred M., Hudsonian Godwit in Colorado, 112
- Baldpate, 182
- Bambusicola thoracica*, 329, 331
- Bartholomew, George A., and Tom J. Cade, The body temperature of the American Kestrel, *Falco sparverius*, 149-154
- Bartlett, L. M., Ring-billed Gull steals food from Coot, 182
- Bartramia longicauda*, 53
- Becard, Black-capped, 275
Gray-collared, 275
- Behavior, 78-90, 105, 107, 108, 111, 113, 128-129, 170-177, 179-181, 182, 184-188, 195-251, 266-270, 276, 280, 306-310, 321, 361-364, 368-370
- Berger, Andrew J., Population density of Alder Flycatchers and Common Goldfinches in *Crataegus* habitats of southeastern Michigan, 317-322
- Berger, Daniel D., A peculiar type of flight in Cooper's Hawk, 110-111
- Bishop, Fire-crowned, 234
Orange, 208, 234
Taha, 234
- Bittern, American, 52, 342
Least, 48, 50, 51, 52, 362
- Blackbird, Brewer's, 102-105, 276
European, 207, 231
Melodious, 276
Red-winged, 103, 104, 183, 233, 276
Yellow-headed, 183
- Bluebird, 248
Eastern, 370
- Bobolink, 51, 55, 70, 73, 233
- Bombycilla cedrorum*, 54, 184, 230, 248
- Bombycillidae, 65, 230
- Bonasa umbellus, 230, 248
- Botaurus lentiginosus*, 52, 342
- Bowerbird, Satin, 234
- Brambling, 233
- Branta canadensis*, 10, 370
c. leucopareia, 181
- Breckenridge, W. J., review by, 190-191
- British Columbia, 238
- Bubalornis, 233
albirostris, 233
- Bubo virginianus*, 230, 263-272, 369
- Bucephala clangula*, 21, 31
- Bullfinch, Cuban, 311
- Bunting, 228
Indigo, 55, 74, 207, 212, 226, 232
- Lazuli, 232
- Meadow, 325, 326
- Orange-breasted, 233
- Painted, 51, 55, 74, 200, 214, 240, 311
- Buss, Irven O. and Helmer Mattison, "A Half Century of Change in Bird Populations of the Lower Chippewa River, Wisconsin," reviewed, 190-191
- Buteo jamaicensis*, 169, 180, 181, 263-272, 274
- lagopus*, 274
- lineatus*, 263
- platypterus*, 41, 52, 263, 304, 370
- regalis*, 279
- swainsoni*, 166, 274
- Butorides virescens, 52, 82, 184
- Cade, Tom J., see Bartholomew, George A. —
- Cairina moschata*, 291-300
- Cairinini, 291, 299
- Calidris canutus*, 53
- California, 165
- Callipepla, 145
squamata, 196, 197, 230, 280
- Calospiza cyanicollis*, 233, 245
cynoventris, 233
fatuosa, 233
- Camptostoma imberbe*, 167
- Campylopterus curvipennis*, 274
- Capella gallinago*, 53
- Capercaillie, 230
- Caprimulgidae, 59
- Caprimulgus carolinensis, 51, 53
cubanensis, 306
maculicaudatus, 364
ridgwayi, 365
vociferus, 113
- Cardinal, 79, 80, 82, 83, 84, 85, 86, 87, 108, 109, 214, 232, 236
- Cardinal, Brazilian, 232
- Cardinalis cardinalis*, 214, 232
- Cardinalinae, 232
- Carduelinae, 233
- Carduelis cannabina*, 247
- Carpodacus mexicanus*, 79
purpureus, 84, 85
- Casmerodus albus*, 52, 184, 185
- Cassidix mexicanus*, 167, 233, 366

- Catbird, 54, 64, 75, 80, 82, 85, 86, 207, 230, 234, 309-310, 371
Cathartes aura, 52, 304
Catharus, 362
 fuscescens, 231
 guttatus, 231
 minimus, 231
 ustulatus, 231
Catoptrophorus semipalmatus, 53
Centropus superciliosus, 113
Centurus aurifrons, 80, 82, 196, 230
 carolinus, 80, 82, 85
 superciliaris, 308
Chaetura pelasgica, 40, 53
 vauxi, 165
Chaffinch, 224, 233
Charadriidae, 58
Charadrius alexandrinus, 106
 hiaticula, 52
 vociferus, 109, 278-279
 wilsonia, 52
Chat, Yellow-breasted, 55, 73
Chicken, Domestic, 26, 230
Chiapas, 361
Chlidonias niger, 53
Chloris sinica, 332
Chloropsis aurifrons, 230
 jerdoni, 230
Chlorostilbon ricordii, 306
Chondestes grammacus, 179-180
Chordeiles minor, 50, 51, 53, 110, 306, 365
 m. minor, 306
 m. gundlachii, 306
Chough, White-winged, 197
Chukar, 230
Chuck-will's-widow, 50, 53, 59
Ciconiiformes, 51
Cinelidae, 230
Cinclus cinclus, 230
 pallasi, 224, 230
 sp., 230, 244
Circus cyaneus, 52, 111, 274
Cissolopha beecheii, 210, 235, 365
 yucatanica, 366
Claravis pretiosa, 274
Coahuila, 370
Coccothraustes coccothraustes, 233
Coccyzus americanus, 53
 erythrophthalmus, 53, 109
Cockatoo, 208, 230
Coerebinae, 233
Colaptes auratus, 80, 82, 85, 181, 196, 230
Colinus, 145
 virginianus, 91, 197, 304
Coliuspasser ardens, 233
 macrocercus, 233
Collett, F. M., Nesting of the Bahaman Yellowthroat, 183
Colluricincla parvula, 232
Colorado, 107
Columba flavirostris, 276
 inornata, 304
leucocephala, 304
livia, 170-177
squamosa, 304
Columbidae, 59
Columbigallina passerina, 53, 80, 82, 106, 304
 talpacoti, 274
Colymbiformes, 51
Contopus caribaeus, 308
 virens, 82
Connell, Clyde E., see Norris, Robert A.

Conservation, 301
Coot, American, 52, 58, 181, 182
Copsychus malabaricus, 217, 231
 saularis, 217, 231
Corcorax melanorhamphus, 197
Corvidae, 234
Corvus brachyrhynchos, 198, 235, 266, 368
 caurinus, 225, 235
 corax, 235
 corone, 206, 235, 241, 330, 370
 c. cornix, 235
 frugilegus, 206, 235
 imparatus, 275
 levaillantii, 330
 monedula, 248
 nasicus, 308
 ossifragus, 185, 308
 palmarum, 308
Cotter, William B., Jr., A serological Analysis of some anatid classifications, 291-300
Cottrille, Betty Darling, see Walkinshaw, Lawrence H. _____
Cottrille, W. Powell, see Walkinshaw, Lawrence H. _____
Coucal, African, 113

- Cowbird, Brown-headed, 103, 104, 233, 278, 279, 319, 370
 Red-eyed, 276
Cracticidae, 234
Crane, Sandhill, 106, 311
Crocethia alba, 53, 187-188
Crossbill, Red, 367
Crotophaga ani, 106, 305
 sulcirostris, 273, 276, 305
Crow, American, 326
 Carriion, 206, 210, 211, 214, 224, 225, 227, 229, 235, 238, 241, 242, 243, 245, 325, 326, 330, 370
 Common, 198, 207, 212, 225, 227, 229, 235, 246, 248, 368-370
 Cuban, 308
 Fish, 185, 308
 Hooded, 235
 Jungle, 325, 330
 Mexican, 275
 Northwestern, 225, 235, 243, 245
 Palm, 308
Crypsirina bayleyi, 235
Cuckoo, Black-billed, 53, 59, 109
 Cuban Lizard, 304
 Yellow-billed, 53, 57, 59, 168
Cuculidae, 59
Curlew, Hudsonian, 53, 58
 Long-billed, 53, 58
Cyanerpes cyaneus, 311
Cyanocitta cristata, 80, 82, 85, 210, 235
Cyanopica cyanus, 235, 331
Cypharhis gujanensis, 275, 276
Cyornis, White-bellied, 232
Cyornis tickelliae, 232
Cyrtonyx, 123
Dacnis cayana, 217, 233, 245
Dactylortyx thoracicus, 123-148
 t. calophonous, 140, 142, 144
 t. chiapensis, 133, 134, 137-138, 139, 140, 142
 t. conoveri, 142, 143, 144
 t. devius, 132, 135-136, 142, 144
 t. dolichonyx, 138, 139, 140, 142, 144
 t. edwardsi, 139-140, 142
 t. fuscus, 133, 140, 141-142, 143, 144
 t. ginetensis, 137, 138, 139, 142, 144
 t. lineolatus, 133, 136
 t. melodus, 136, 137, 140, 142, 144
 t. moorei, 138-139, 142, 144
 t. paynteri, 133, 135, 139, 142, 144
 t. pettingilli, 133-134, 135, 136, 140, 142, 143, 144
 t. rufescens, 142-143, 144
 t. salvadoranus, 133, 140, 141, 142
 t. sharpei, 133, 134, 135, 142, 143, 144
 t. subsp., 140-141, 142
 t. taylori, 133, 140, 141, 142
 t. thoracicus, 133, 134-135, 136, 137, 142, 144
Davis, L. Irby, Observations on Mexican birds, 364-367
Delichon urbica, 248
Dendrocolaptes certhia, 230
Dendrocolaptidae, 230
Dendrocygna arborea, 311
Dendroica audubonii, 169
 caeruleascens, 55, 311
 castanea, 55
 cerulea, 55
 coronata, 55, 82, 275
 discolor, 55
 dominica, 55, 275
 fusca, 55
 kirtlandii, 341
 magnolia, 51, 54, 275
 palmarum, 40, 55, 338-351
 p. hypochrysea, 338-339
 p. palmarum, 338-339, 340, 349
 pensylvanica, 55
 petechia, 54, 82
 pinus, 341
 striata, 40, 51, 55
 tigrina, 40, 54
 virens, 55, 311
Dendronessa, 291
Dexter, Ralph W., Observations on three albino American Robins, 185-186
Diatropura progne, 233
Dichromonassa rufescens, 106
Dickcissel, 55, 72, 74
Dickerman, Robert W., Notes on the Red Crossbill in Minnesota, 367-368
Dicruridae, 234
Dicrurus sp., 234
Dipper, Brown, 224, 230
 European, 230
Dixon, Keith L., review by, 119
Dives dives, 276
Dolichonyx oryzivorus, 51, 55, 233

- Dove, Blue Ground, 274
 Eastern Turtle, 330
 Ground, 53, 80, 82, 87, 90, 106, 304
 Mourning, 53, 59, 82, 85, 91-101, 183,
 326, 330
 Ruddy Ground, 274
 Turtle, 325, 326
 White-winged, 59, 362
 Zenaida, 304
- Dowitcher, 53, 58
 Long-billed, 112
- Drepanoplectes jacksoni, 233
- Drongo, 234
- Duck, Black, 31, 280
 Canvasback, 15-17, 21, 27, 32, 52, 182
 Goldeneye, 21, 31
 Gadwall, 21, 52
 Grey, 16
 Mallard, 15, 17, 21, 31, 52, 181, 280, 292,
 294-299, 363-364, 368-370
 Mandarin, 291-300
 Muscovy, 291-300
 Pekin, 292, 294-299
 Pintail, 15, 17, 21, 31, 32, 52
 Pochard, European, 24, 25, 30
 Common, 32
 Redhead, 5-34, 52
 Ring-necked, 17, 32, 52
 Ruddy, 21, 31, 52
 Scaup, Lesser, 21, 52
 Scooter, 24
 White-winged, 21
 Shoveller, 21, 52, 280
- Teal, Blue-winged, 21, 52, 279, 280
 Cinnamon, 15
 Green-winged, 52, 109
- Tufted, 7, 16-18
 West Indian Tree, 311
- Widgeon, American, 15, 21, 52
 Wood, 16, 32, 280, 291-300, 369
- Ducks, 180
 Perching, 291
- Dumetella carolinensis, 54, 80, 82, 85, 207,
 230, 309, 371
- Dyer, William A., see Walkinshaw, Lawrence H. ———
- Eagle, Golden, 106
- Egret, American, 184, 185
 Common, 52
 Reddish, 106
- Snowy, 52, 184
- Elanoides forficatus, 52
- Elanus leucurus, 274
- El Salvador, 124
- Emberiza, 228
 cioides, 331-332
- Emberizidae, 232
- Emberizinae, 232
- Embryology, 92-94
- Empidonax, 54, 64
 flaviventris, 54
 fulvifrons, 365
 mexicanus, 365
 minimus, 54
 traillii, 54, 317-320
 virescens, 54, 365
- Ereunetes mauri, 53
 pusillus, 53
- Erolia bairdi, 53
 fuscicollis, 53
 melanotos, 53
 minutilla, 53
- Erwin, R. J., and Richard D. Porter, photograph by, 178
- Estrilda temporalis, 233, 247
- Estrildidae, 233
- Eudocimus albus, 41, 52
- Euphagus cyanocephalus, 102-105, 276
- Euplectes franciscana, 208, 234
 hordeaceus, 234
 taha, 234
- Falco, 149
 columbarius, 52, 106
 peregrinus, 52
 sparverius, 52, 149-154, 274, 278-279,
 304
 tinunculus, 149, 153
- Falcon, 58
 Peregrine, 52
- Falconiformes, 55
- Finch, Bengalese, 233
 House, 79
 Purple, 84, 85
- Fisher, Harvey I., Footedness in Domestic Pigeons, 170-177
- Flicker, 80, 82, 85, 181, 196, 230
- Florida, 78, 106, 157
- Florida caerulea, 41, 52, 185
- Flycatcher, Acadian, 54, 64, 365
 Alder, 317-321

- Beardless, 167
Buff-breasted, 365
Crested, 53, 64, 80, 82
Least, 54, 64
Loggerhead, 308
Ochre-bellied, 230
Olive-sided, 50, 54, 64
Pileated, 365
Scissor-tailed, 53, 64, 275
Traill's, 54
Yellow-bellied, 54
Food habits, 104, 112, 129, 263, 278, 305–306
Fowl, Domestic, 26, 230
Fringilla coelebs, 224, 233
 montifringilla, 233
Fringillidae, 74, 233
Fringillinae, 233
Fulica americana, 52, 181, 182
Gallinule, Purple, 52, 58
Gallus gallus, 26, 230
Garrulax albogularis, 231
 caerulatus, 231
 chinensis, 231
 erythrocephalus, 231
 leucolophus, 231
 ruficollis, 231
 sp., 218, 231
Garrulus glandarius, 206, 225, 234
 lanceolatus, 210, 234
 lidhti, 235
Geococcyx californianus, 362
Georgia, 157
Geothlypis rostrata, 183
 r. coryi, 183
 trichas, 55, 166, 311
Glasgow, Leslie L., and Robert Henson,
 Mourning Dove nestlings infested with
 larvae of *Philornis*, 183–184
Glaucidium brasiliandum, 167
Gnatcatcher, Blue-gray, 54, 64
Godwit, Hudsonian, 53, 58, 112
 Marbled, 53, 58
Goldfinch, American, 326
 Common, 82, 85, 320–321
Goose, Blue, 21
 Canada, 10, 181, 370
 Egyptian, 370
Embden, 292, 294–299
Greylag, 10
Pink-footed, 10
Snow, 21
Spur-winged, 291
Toulouse, 292, 295, 296
White-fronted, 166, 169
Gракке, 103, 104
Boat-tailed, 167, 233
Bronzed, 85
Common, 205, 214, 233, 242, 244
Great-tailed, 366
Indian, 234
Tinkling, 195, 233
Gracula religiosa, 234
Grallina cyanoleuca, 234, 243
Grallinidae, 234
Grassquit, 311
Grebe, Eared, 181
Least, 273
Pied-billed, 51, 52, 112
Greenfinch, 325, 326, 332
Grosbeak, Black-headed, 167, 232
Blue, 55, 74
Crimson-collared, 273
Evening, 233
Rose-breasted, 55, 72, 74, 75, 226, 229,
 232
Crouse, Black, 230
Red, 370
Ruffed, 197, 230, 348
Growth, 7–10, 14–15, 31–32, 94–100
Grus canadensis, 106, 311
Guatemala, 124
Guiraca caerulea, 55
Gull, 187
 Black-headed, 248
Bonaparte, 166
California, 164, 279
Herring, 53, 59, 248
Ring-billed, 182
Gymnorhina dorsalis, 234
Habia gutturalis, 233
Hagar, Donald C., Jr., Nesting populations
 of Red-tailed Hawks and Horned Owls
 in central New York State, 263–272
Hall, Fred T., Proceedings of the thirty-
 eighth annual meeting, 281–288
Hamilton, William J., III, Blue-winged
 Teal nest parasitized by Brown-headed
 Cowbird, 279

- Hanson, Harold C., and Charles W. Kosack, Methods and criteria for aging incubated eggs and nestlings of the Mourning Dove, 91-101
- Harrell, Byron E., see Warner, Dwain W.
- Hauser, Doris C., Some observations on sun-bathing in birds, 78-90
- Hawfinch, 233
- Hawk, Broad-winged, 41, 49, 52, 55, 263, 304
- Cooper's, 52, 58, 110-111, 184, 263
- Ferruginous Rough-legged, 279
- Marsh, 52, 58, 111, 274
- Pigeon, 52, 106
- Red-shouldered, 263
- Red-tailed, 169, 180-181, 263-272, 274
- Rough-legged, 274
- Sharp-shinned, 52, 184
- Sparrow, 52, 274, 278-279, 304, 311
- Swainson's, 166, 274
- Hawk-eagle, Black and White, 273
- Ornate, 274
- Helmintheros vermiculus, 54
- Henson, Robert, see Glasgow, Leslie L.
- Heron, Black-crowned Night, 52, 166, 184, 185, 329
- Great Blue, 52
- Great White, 106
- Green, 48, 51, 52, 82, 184, 185
- Little Blue, 41, 52, 185
- Louisiana, 52, 184-185
- Yellow-crowned Night, 40, 51, 52, 185
- Hesperiphona vespertina, 233
- Heterophasia capistrata, 232
- Himantopus mexicanus, 53
- Hirundinidae, 64
- Hirundo, 165
- neoxena, 248
- rustica, 54, 107, 109, 330
- Honduras, 124
- Honey-creeper, Blue, 311
- Honeyeater, Yellow-eared, 232
- Hummingbird, Bee, 306-307
- Buff-bellied, 275
- Cuban Emerald, 306
- Ruby-throated, 53, 59, 155-163
- Rufous-tailed, 275
- Sabre-wing, Wedge-tailed, 275
- Hybrid, Canvasback × Redhead, 27, 32
- Redhead × Ring-necked, 32
- Kakatoe sanguinea × roseicapilla, 230
- Pheucticus melanocephalus × P. ludovicianus, 232
- Hydranassa tricolor, 52, 184-185
- Hylocichla, 362 (see *Catharus*)
- fusciceps, 40, 51, 54
- guttata, 54
- minima, 54
- mustelina, 41, 54, 231, 239
- ustulata, 40, 54, 275
- Ibis, White, 41, 49, 51, 52
- Icteria virens, 55
- Icteridae, 73, 233, 234
- Icterus auratus, 366
- fuertesi, 276, 367
- galbula, 55, 208, 228, 233
- gularis, 233, 276
- jamacaii, 233
- parisorum, 166
- pustulatus, 216, 233
- spurius, 55, 200-251, 276, 366-367
- sp., 233
- Ictinia mississippiensis, 52
- Illinois, 333
- Iowa, 333
- Irenidae, 230
- Iridoprocne, 165
- bicolor, 54
- Ixobrychus exilis, 50, 52, 362
- Ixoreus naevius, 114
- Jacana spinosa, 362
- Jackdaw, 247, 248
- Jay, Beechey's, 210, 235, 365
- Blue, 80, 82, 83, 84, 85, 86, 87, 202, 210, 211, 217, 227, 235, 247
- European, 206, 212, 216, 225, 228, 234, 242, 245, 247
- Lanceolated, 210, 213, 234
- Lidith, 235
- Yucatan, 366
- Jeter, Horace H., Eastern Phoebe nesting in Louisiana, 360-361
- Johnston, Bette J., A technique for trapping cowbirds, 278
- Johnston, David W., see Norris, Robert A. —
- Junco, Slate-colored, 84, 85, 232, 341

- Junco, 353
 hyemalis, 84, 85, 232, 341
- Juhn, Mary, "Frightmolt" in a male Cardinal, 108-109
- Jynx torquilla, 196, 230
- Kakatoe sanguinea × roseicapilla, 230
- Kansas, 108
- Keefer, Mary Belle, Varied Thrush in Texas, 114
- Kestrel, American, 149-154
- Kilham, Lawrence, Egg-carrying by the Whip-poor-will, 113
- Killdeer, 58, 109, 278-279
- Kingbird, Eastern, 53, 59, 60, 326
 Gray, 53, 61, 64, 308
 Western, 53, 64
- Kingfisher, Belted, 53, 59, 165
- Kinglet, Golden-crowned, 232, 236
 Ruby-crowned, 54, 64, 275, 362
- Kite, Gray-headed, 274
 Mississippi, 52, 55
 Swallow-tailed, 52, 55
 White-tailed, 274
- Kitta chinensis, 235, 245
 erythrorhyncha, 235, 245
- Klimstra, W. D., and W. O. Stieglitz, Notes on reproductive activities of Robins in Iowa and Illinois, 333-337
- Knot, American, 53
- Kossack, Charles W., see Hanson, Harold C. —
- Lagopus scoticus, 370
- Laniidae, 230
- Lanius bucephalus, 200, 230, 331
 ludovicianus, 200, 370
- Lamprotornis caudatus, 234
 chalybaeus, 234
- Lanyon, Wesley E., review by, 374
- Laridae, 59
- Larus, 187
 argentatus, 53, 248
 californicus, 164, 279
 delawarensis, 182
 philadelphicus, 166
 ridibundus, 248
 sp., 8
- Laughing-Thrush, Black-throated, 231
- Gray-sided, 231
- Red-headed, 231
- Rufous-necked, 231
- White-crested, 231
- White-throated, 231
- Leavitt, B. B., Water moccasin preys on Pied-billed Grebe, 112-113
- Leiothrix, Silver-eared, 231
- Leiothrix argentauris, 231
 lutea, 217, 229, 231
 sp., 232
- Leptodon cayanensis, 274
- Leucophoyx thula, 52, 184
- Limnodromus griseus, 53
 scolopaceus, 53, 112
- Limnothlypis swainsonii, 54
- Limosa fedoa, 53
 haemastica, 53, 112
- Limpkin, 311
- Linnet, 247, 248
- Lophortyx gambelii, 197
- Louisiana, 360
- Loxia curvirostra, 367
 c. benti, 367
 c. minor, 367
 c. sitkensis, 367
- Lunk, William A., review by, 189-190
- Lyrurus tetrix, 230
- Mackenzie, 338
- Magpie, 211, 213, 229, 235, 242
 Australian, 234
 Azure-winged, 235
 Black-billed, 200
 Blue, 325, 331
 Green, 235, 245
 Red-billed Blue, 235, 245
- Magpie-Lark, 234, 243, 246
- Magpie-Robin, 217, 231
- Mammals
- Capromys pilorides, 301
- Didelphis marsupialis, 368
- Felis domesticus, 243, 336
- Herpestes, 304
- Marmota monax, 263
- Mephitis mephitis, 279
- Microtus, 178
- Procyon lotor, 266, 368
- Sciurus carolinensis, 243, 266
- Sylvilagus floridanus, 263
- Manitoba, 5, 338, 349
- Manville, Richard H., Effects of unusual spring weather on Scarlet Tanagers, 111-112

- Mareca americana, 52
- Marshall, Joe T., Jr., "Birds of Pine-oak woodland in southern Arizona and adjacent Mexico," reviewed, 374-375
- Martin, Caribbean, 110
- House, 248
- Purple, 54, 61, 64
- Mattison, Helmer, see Buss, Irven O.
-
- McClure, H. Elliott, A study of summer bird populations near Tokyo, Japan, 323-332
- Meadowlark, 326
- Common, 233
- Meanley, Brooke, see Neff, Johnson A.
-
- Measurements, 6, 367-368
- Megacyrle alcyon, 53, 165
- Megadyptes antipodes, 13
- Melanerpes erythrocephalus, 59
- Melanitta deglandi, 21
- spp., 24
- Melanotis hypoleucus, 362
- Meleagrididae, 230
- Meleagris gallopavo, 195, 230
- Meliphaga lewini, 232
- Meliphagidae, 232
- Mellisuga helenae, 306-307
- Melopyrrha nigra, 311
- Melospiza lincolni, 55, 227
- melodia, 210, 232
- Mexico, 124, 273, 364
- Meyerriecks, Andrew J., "Bunching" reaction of Cedar Waxwings to attacks by a Cooper's Hawk, 184; Louisiana Heron breeds in New York City, 184-185; Sparrow Hawks prey on newly hatched Killdeer, 278-279
- Michigan, 13, 183, 317-322, 338, 339, 340-341, 344, 345, 349
- Micropalama himantopus, 50, 53
- Middle America, 145
- Migration, 12-13, 39-75, 164-169, 263, 338-339, 352-359, 367
- Miller, Alice D., Feeding behavior of Red-tailed Hawks, 180-181; A pallid-eyed individual of *Dumetella carolinensis*, 371
- Miller, Loye, Some avian flyways of western America, 164-169
- Mimidae, 64, 230, 361
- Mimocichla plumbea, 308-309
- p. rubripes, 308
- Mimus gilvus, 361, 362
- g. gracilis, 361
- polyglottos, 81, 82, 85, 230, 246, 309, 361-363
- saturninus, 361, 362
- Minla cyanouroptera, 232
- Minnesota, 339, 340, 345, 348, 367
- Mniotilta varia, 54
- Mockingbird, 81, 82, 85, 86, 230, 246
- Blue, 362
- Calandria, 361
- Common, 361-363
- Graceful, 361
- Northern, 309-310
- Molothrus ater, 103, 233, 278, 279, 319, 370
- Molts and plumages, 15-34, 96-100, 123-124, 131-132, 157-158, 185, 306, 364, 368
- Motacilla alba, 247
- Motacillidae, 65, 230
- Munia striata, 233
- Muscivora forficata, 53, 275
- Muscicapidae, 231
- Muscicapinae, 232
- Myadestes elisabeth, 311-312
- unicolor, 223, 231
- Myiarchus crinitus, 53, 80, 82
- stolidus antillarum, 110
- Mynah, Bank, 234
- Chinese Jungle, 234
- Indian, 208, 234, 245
- Indian Jungle, 234
- Neff, Johnson A., and Brooke Meanley, Status of Brewer's Blackbird on the Grand Prairie of Eastern Arkansas, 102-105
- Neophema pulchella, 230
- Nesting, 13, 92-100, 131, 183, 265-267, 270-271, 279, 280, 317-321, 333-336, 342-349, 268-370
- New Hampshire, 113
- New Jersey, 181
- New York, 184
- Nighthawk, 111
- Booming, 365
- Common, 50, 51, 53, 59, 60, 306
- Spotted-tailed, 364
- Nightjar, Antillean, 306
- Niltava, Rufous-bellied, 232

- Niltava sundara, 232
Norris, Robert A., Clyde E. Connell, and David W. Johnston, Notes on fall plumages, weights, and fat condition in the Ruby-throated Hummingbird, 155-163
North Carolina, 78
North Dakota, 352
Numenius americanus, 53
 hudsonicus, 53
Nuttallornis borealis, 50, 54
Nyctanassa violacea, 40, 52, 185
Nycticorax, 166
 nycticorax, 52, 184, 329
Odontophorinae, 145
Odontophorus lineolatus, 132, 137
Ohio, 280
Ontario, 338-339
Oporornis formosus, 55
 philadelphicus, 55
 tolmiei, 166
Oriole, Alta Mira, 276
 Baltimore, 55, 73, 208, 228, 233
 Black-throated, 233, 276
 Fuertes, 276, 367
 Orange, 366
 Orchard, 55, 71, 73, 200-251, 366
 Scott's, 166
 Streak-backed, 216, 233
Oriolus melanocephala, 237
Ortyx thoracicus, 132
Osprey, 40, 52, 58, 166
Ouzel, Ring, 231
Ovenbird, 55, 73, 85
Owl, Barn, 306
 Barred, 263, 345
 Ferruginous Pigmy, 167
 Horned, 196, 230, 263-272, 369
 Little, 248
 Saw-whet, 178
 Short-eared, 53, 110
Oxyura jamaicensis, 21, 31, 52
Pachycephala rufiventris, 208, 232
Pachycephalinae, 232
Pachyramphus major, 275
Packard, Robert L., Broad-winged Hawk in Coahuila, 370-371
Pandion haliaetus, 40, 52, 166
Paradisaeidae, 234
Paradoxornis, Black-throated, 232
Paradoxornis gularis, 232
Paradoxornithinae, 232
Parakeet, Turquoise, 230
Parkes, Kenneth C., Notes, chiefly distributional, on some Florida birds, 106-107
Parasitism, 183, 237
Paroaria capitata, 232
Parrot, Cuban, 304
 Red-crowned, 274
 Yellow-cheeked, 274
 Unidentified, 230
Parula americana, 54
Parulidae, 65, 233
Parus bicolor, 80, 82, 85
Passer domesticus, 79, 82, 85, 180, 198, 233,
 276, 278, 326
 montanus, 326, 327, 331
Passerculus sandwichensis, 55
Passerella iliaca, 90, 232
Passerherbulus caudacutus, 341
Passerina amoena, 232
 ciris, 51, 55, 200, 311
 cyanea, 55, 207, 232
 leclancherii, 233
Pelecaniformes, 51
Pelecanus erythrorhynchos, 41, 52, 166
Pelican, White, 41, 51, 52, 166, 167, 168
Penguin, Yellow-eyed, 13
Pepper-shrike, Rufous-browed, 275
Perdix lineolata, 132
Peters, Stuart S., Brood capture involving conflict between two female Mallards, 363-364
Petrochelidon, 165
 fulva, 308
 pyrrhonota, 51, 54
Pewee, Eastern Wood, 54, 64, 82
 Greater Antillean, 308
Phainopepla nitens, 166
Phalarope, Wilson's, 53, 59
Phalaropodidae, 58
Phasianidae, 196, 230
Phasianus colchicus, 13, 230, 369
Pheasant, Bamboo, 325, 326
 Ring-necked, 13, 117, 197, 230, 369
Pheucticus ludovicianus, 55, 226, 232
 melanocephalus, 167, 232
 melanocephalus × *ludovicianus*, 232
Philortyx, 145
Phoebe, Eastern, 53, 64, 360
 Say's, 365

- Phoenicoparrus jamesi, 189-190
 Phoenicopterus ruber, 189-190
 Physiology, 89-90, 149-154, 159-162, 291
Pica pica, 213, 229, 235
 p. hudsonia, 200
Picidae, 59, 230, 236
Picus viridis, 196, 230
 Pierce, Robert A., review by, 117-119
 Pigeon, Domestic, 170-177
 Plain, 304
 Red-necked, 304
 White-crowned, 304
Pipilo erythrorththalmus, 79, 82, 232, 278
 fuscus, 232
 Pipit, American, 54, 65
 Meadow, 247, 248
 Tree, 230, 248
Pipromorpha oleaginea, 230
Piranga erythromelas, 111
 olivacea, 55, 214, 233
 rubra, 55, 82, 87, 233, 279
Pitangus sulphuratus, 276
Plectropterinae, 291
Plectropterus gambiensis, 291
Ploceidae, 233
Ploceus rubiginosus, 233
 Plover, Black-bellied, 53, 58, 109
 Golden, 53, 58
 Piping, 58
 Semipalmated, 52, 58
 Snowy, 58, 106
 Upland, 53, 56, 58
 Wilson's, 52, 58
Pluvialis dominica, 53
Podiceps caspicus californicus, 181
 dominicus, 273
Podilymbus podiceps, 52, 112
Polioptila caerulea, 54
Pomatorhinus erythrogenys, 231
 schisticeps, 231
 Population biology, 129-130, 263-272, 317-321, 323-332
Porphyrrula martinica, 52
 Porter, Richard D., see Erwin, R. J. —
Porzana carolina, 52, 109
 Predation, 112, 184, 263, 278, 279, 368-370
 Preston, F. W., The look-out perch as a factor in predation by Crows, 368-370
Priotelus temnurus, 307-308
Progne subis, 54
 s. dominicensis, 110
Protonotaria citrea, 54
Psittacidae, 230, 236
Ptilonorhynchus violaceus, 234
 Quail, Bob-white, 91, 197, 304, 326
 Gambel's, 197
 Mearns', 123
 Montezuma, 123
 Scaled, 196, 197, 230, 280
 Singing, 123-148
Quiscalus, 103
 niger, 195, 233
 quiscula, 205, 233, 244
 q. aeneus, 233
 q. stonei, 233
 versicolor, 85, 233
 Rail, Black, 58
 Sora, 52, 56, 58, 109
 Virginia, 58
Rallidae, 58
 Rand, A. L., Sanderlings eat fishermen's bait minnows, 186-187
 Raven, 235
Recurvirostra americana, 112
Recurvirostridae, 58
 Redstart, American, 51, 55, 73, 75, 82, 311
 Redwing, 182, 207, 231
Regulus calendula, 54, 275, 362
 satrapa, 232, 236
 Reptiles
 Agkistrodon piscivorus, 112
Lampropeltis getulus nigra, 279
Sceloporus olivaceus, 363
Rhodothraupis celaeno, 273
Richmonedna cardinalis, 79, 82, 85, 109
 (see *Cardinalis*)
Riparia riparia, 54, 110
 Ripley, S. Dillon, photograph by, opp. 291
 Roadrunner, 362
 Robin, American, 54, 64, 82, 85, 185-186,
 207, 213, 214, 226, 231, 239, 241, 242,
 308, 333-337
 Clay-colored, 231
 Peking, 217, 229, 231
 Rook, 206, 216, 235, 242, 246, 247, 248
 Saltator, Buff-throated, 232
 Grayish, 277
Saltator coerulescens, 276, 277
 maximus, 232
 Sanderling, 53, 58, 186-187

- Sandpiper, Baird's, 53
Buff-breasted, 53, 58
Least, 53
Pectoral, 53, 56, 58
Semipalmated, 53, 58
Solitary, 53, 58
Spotted, 53, 58
Stilt, 50, 53, 58
Western, 53
White-rumped, 53, 58
Sapsucker, Yellow-bellied, 53, 59, 275
Saskatchewan, 338-339, 348
Saurothera merlini, 304
Sayornis phoebe, 53, 360
 saya, 365
Schorger, A. W., The contributions of Joselyn Van Tyne to the Wilson Ornithological Society, 314-316
Scimitar-Babbler, Rusty-cheeked, 231
 Yellow-billed, 231
Scolopacidae, 58
Seaman, G. A., New bird records for Barbuda, British West Indies, 109-110; Status of the Stolid Flycatcher in the American Virgin Islands, 110
Seedeater, Black, 210, 232
Seiurus aurocapillus, 55, 85
 motacilla, 55
 noveboracensis, 55
Setophaga picta, 362
 ruticilla, 51, 55, 82, 311, 362
Shrike, Bull-headed, 200, 230, 325, 326
 Loggerhead, 200, 370
Shrike-Thrush, Little, 232
Sialia sialis, 248, 370
Sibia, Black-headed, 232
Sick, Helmut, Anting by two tanagers in Brazil, 187-188
Siva, Blue-winged, 232
Skylark, 325, 326, 330
Snipe, Wilson's, 53, 58
Solitaire, 311
 Slate-colored, 223, 231
Sora, 52, 56, 58, 109
South Carolina, 155
South Dakota, 352
Sparrow, Chipping, 85, 169, 341
 English, 278, 326
 Field, 326
 Fox, 90, 232
Grasshopper, 55, 74
Harris', 232, 352-358
House, 79, 80, 81, 82, 84, 85, 180, 198, 200, 233, 276, 277, 311
Lark, 179-180
LeConte's, 341
Lincoln's, 55, 74, 277
Savannah, 55, 74
Song, 210, 212, 232
Tree, 326, 327
White-crowned, 232
White-throated, 82, 84, 85, 86, 88, 232, 352, 355
Spatula clypeata, 21, 52, 280
Sperry, Charles C., Golden Eagle attacks decoy duck, 106-107
Sphyrapicus varius, 53, 275
Spindalis zena, 310-311
Spinus tristis, 82, 85, 320-321
Spiza americana, 55
Spizaetus ornatus, 274
Spizaster melanoleucus, 273, 274
Spizella passerina, 85, 169, 341
Sporophila aurita, 210, 232
Spreo superbus, 234
Squatarola squatarola, 53, 109
Starling, 13, 82, 83, 85, 104
 Ashy, 325, 326, 327
 Common, 198, 206, 207, 211, 217, 225, 234, 237, 248, 326
 European, 184
 Glossy, 234
 Long-tailed Glossy, 234
 Pied, 234
 Rose-coloured, 234
 Superb, 234
Steganopus tricolor, 53
Stelgidopteryx ruficollis, 54
Stephens, T. C., "An Annotated Bibliography of North Dakota Ornithology," reviewed, 120
Sterna albifrons, 50, 53
 anaethetus, 182
 f. fuscata, 181
Stevens, O. A., Fall migration and weather, with special reference to Harris' Sparrow, 352-359; review by, 120
Stevenson, Henry M., The relative magnitude of the trans-gulf and circum-gulf spring migrations, 39-77

- Stewart, Paul A., Nesting of the Shoveller (*Spatula clypeata*) in central Ohio, 280
 Stieglitz, W. O., see Klimstra, W. D. —
 Stilt, Black-necked, 53, 58
 Stephlet, John J. Nocturnal predation on Summer Tanager, nestling by kingsnake, 279
Streptopelia orientalis, 330
 Strigidae, 230
Strix varia, 263, 345
Struthidea cinerea, 234
Sturnella magna, 233
 Sturnidae, 234
Sturnus cineraceus, 327, 331
 contra, 234
 roseus, 234
 vulgaris, 13, 82, 83, 85, 104, 184, 198, 234, 237
 Sugarbird, Blue, 217, 233, 245
 Sutton, George Miksch, painting by, opp. 123
 Swallow, Antillean Cliff, 308
 Bank, 54, 64, 75, 110
 Barn, 54, 64, 107, 109, 165, 166, 326
 Cliff, 51, 54, 64, 75, 165
 House, 325
 Rough-winged, 54, 64
 Tree, 54, 64, 165, 166
 Violet-green, 165, 166
 Welcome, 248
 Swift, 248
 Chimney, 40, 53, 59
 Vaux, 165
 Sylviidae, 64
 Sylviinae, 232
Tachycineta, 165
 Tamaulipas, 273
 Tanager, Blue-necked, 233, 245
 Blue-breasted, 233
 Scarlet, 55, 71, 74, 75, 111–112, 214, 233
 Stripe-headed, 311
 Summer, 55, 74, 82, 87, 90, 233, 279
 Superb, 233
 Yellow-winged, 276
 Tanagrinae, 233
Tangara cyanicollis melanogaster, 187–188
 cyanoventris, 187–188
Tangavius aeneus, 276
 Taxonomy, 132–143, 291, 308
Telmatodytes palustris, 108
 p. dissaeptus, 108
 p. plesius, 108
Teretistris fernandinae, 310
 Tern, Black, 53, 59
 Bridled, 182
 Cabot's, 53
 Forster's, 59
 Least, 50, 53, 59
 Royal, 82
 Sooty, 181
Tetrao urogallus, 230
 Texas, 114, 119, 363
Thalasseus maximus, 82
 sandvicensis, 53
 Thomas, Jack W., Anting performed by Scaled Quail, 280
 Thrasher, Brown, 78, 81, 82, 83, 85, 361, 363
 Thraupidae, 74
 Thraupis abbas, 276
 Thrush, Gray-cheeked, 54, 63, 64, 75, 231
 Hermit, 54, 64, 231
 Mistle, 228, 231, 243
 Olive-backed, 40, 54, 62, 64, 75, 231, 275
 Shama, 217, 231
 Song, 207, 211, 231
 Varied, 114
 Western Red-legged, 308–309
 Wood, 41, 54, 62, 64, 231, 239
 Thryothorus ludovicianus, 81, 82, 85
Tiaris canora, 311
 olivacea, 311
 Timeliinae, 231
 Titmouse, Tufted, 80, 82, 85
Todus multicolor, 308
 Tody, Cuban, 308
Totanus flavipes, 53 (see *Tringa*)
 melanoleucus, 53
 Towhee, Brown, 232
 Red-eyed, 232, 278
 White-eyed, 79, 82
Toxostoma rufum, 78, 82, 85, 361
 Tree-pie, 235
Tringa flavipes, 112
 solitaria, 53
 Troglodytes aedon, 54
 Troglodytidae, 64
 Trogon, Coppery-tailed, 273
 Cuban, 307–308
Trogon elegans, 273

- Troupial, 233
Tryngites subruficollis, 53
Turdidae, 64
Turdinae, 231
Turdus, 308
 ericetorum, 231
 grayi, 231, 276
 merula, 207, 231
 migratorius, 54, 82, 85, 185–186, 207, 231, 241, 242, 308, 333–337
 musicus, 207, 213, 231, 241
 philomelos, 207, 213, 231, 241
 torquatus, 231
 viscivorus, 228, 231
Turkey, Wild, 195, 196, 230
Turnstone, Ruddy, 53, 58
Tyrannidae, 59, 230
Tyrannus caudifasciatus, 308
 dominicensis, 53, 308
 tyrannus, 53
 verticalis, 53
Tyto alba, 306
Utah, 13
Vaurie, Charles, Field notes on some Cuban birds, 301–313
Veery, 40, 51, 54, 63, 64, 75, 231
Vermivora bachmanii, 54
 celata, 54, 82, 85
 chrysopera, 54
 peregrina, 54
 pinus, 54, 226, 233
 ruficapilla, 54, 107
Vireo, Bell's, 54, 65
 Black-whiskered, 310
 Blue-headed, 54, 65
 Cuban, 310
 Golden, 366
 Hutton's, 366
 Mangrove, 366
 Peten, 366
 Philadelphia, 54, 65
 Red-eyed, 51, 54, 65, 66, 82
 Thick-billed, 310
 Warbling, 54, 65
 White-eyed, 54, 65, 366
 Yellow-throated, 54, 65
Vireo altiloquus, 310
 bellii, 54
 crassirostris, 310
 flavifrons, 54
 gilvus, 54
 griseus, 54, 366
 gundlachii, 310
 huttoni, 366
 hypochryseus, 366
 ochraceus, 366
 olivaceus, 51, 54, 82
 o. flavoviridis, 273
 pallens, 366
 philadelphicus, 54
 semiflavus, 366
 solitarius, 54
Vireonidae, 65
Virgin Islands, 110
Voice, 130, 307, 364–367
Vulture, Turkey, 52, 55, 304
Wagtail, Pied, 247, 248
Walkinshaw, Lawrence H., William A. Dyer, W. Powell Cottrille, and Betty Darling Cottrille, Yellow-headed Blackbird nesting in Michigan, 183
Walkinshaw, Lawrence H., and Mark A. Wolf, Distribution of the Palm Warbler and its status in Michigan, 338–351
Warbler, Audubon, 169
 Bachman's, 54, 65
 Bay-breasted, 55, 68, 73, 75
 Black-and-white, 54, 65
 Blackburnian, 55, 73, 75
 Black-poll, 40, 51, 55, 69, 73
 Black-throated Blue, 55, 73, 311
 Black-throated Green, 55, 73, 75, 311
 Blue-winged, 54, 65, 75, 226, 233
 Canada, 55, 73
 Cape May, 40, 54, 65, 73
 Cerulean, 55, 67, 73, 75
 Chestnut-sided, 55, 68, 73, 75
 Connecticut, 73
 Golden-winged, 54, 65, 75
 Hooded, 55, 70, 73, 75
 Kentucky, 55, 69, 73
 Kirtland's, 73, 340
 Magnolia, 51, 54, 65, 75, 275
 Mourning, 55, 73
 Myrtle, 55, 73, 82, 84, 85, 87, 88, 275
 Nashville, 54, 65, 107
 Orange-crowned, 54, 65, 82, 85, 87
 Palm, 40, 55, 73, 338–351
 Parula, 54, 65
 Pine, 341

- Prairie, 55
 Prothonotary, 54, 65, 66
 Reed, 89
 Swainson's, 54, 65
 Tennessee, 54, 65, 67, 75
 Tolmie, 166
 Wilson's, 55, 73
 Worm-eating, 54, 65
 Yellow, 54, 65, 75, 82
 Yellow-headed, 310
 Yellow-throated, 55, 73, 275
 Warner, Dwain W., and Byron E. Harrell,
 The systematics and biology of the Sing-
 ing Quail, *Dactylortyx thoracicus*, 123-
 148
 Water-thrush, Louisiana, 55, 73
 Northern, 55, 73, 75
 Waxbill, Red-browed, 233, 247, 248
 Waxwing, Cedar, 54, 65, 184, 230, 248
 Weaver, Chestnut, 233
 Weights, 10-14, 159-162, 181-182
 Weller, Milton W., Growth, weights, and
 plumages of the redhead, *Aythya ameri-
 cana*, 5-35; painting by, opp. 5
 West Indies, 109
 Whip-poor-will, 59, 113, 365
 Wisconsin, 111
 Whistler, Rufous, 208, 210, 232
 Whitaker, Lovie M., Lark Sparrow oiling
 its tarsi, 179-180; A résumé of anting
 with particular reference to a captive
 orchard oriole, 195-262; Comments on
 wing-flashing and its occurrence in
 Mimidae with uniformly colored wings,
 361-363
 White-eye, Western, 217, 232
 Whydah, 233
 Widow-Bird, Jackson's, 233
 Long-tailed, 233
 Yellow-shouldered, 233
 Willet, 53
 Wilson Ornithological Society
 Committees, 116, 373
 Editorial notes, 115, 372
 Ornithological literature, 117-120, 189-
 191, 373-374
 Proceedings of the thirty-eighth annual
 meeting, 281-288
 Research grant, 115, 372
 Wilsonia canadensis, 55
 citrina, 55
 pusilla, 55
 Wisconsin, 333, 340, 345
 Wolfe, Mark A., see Walkinshaw, Lawrence
 H. _____
 Wolfe, L. R., "Check-list of the Birds of
 Texas," reviewed, 119-120
 Woodhewer, Barred, 230
 Woodpecker, Cuban Green, 308
 Golden-fronted, 80, 82, 196, 230
 Green, 196, 230
 Lewis, 166, 167
 Red-bellied, 80, 82, 83, 85, 87
 Red-headed, 59
 West Indian Red-bellied, 308
 Woolfenden, Glen E., *Telmatodytes palus-
 tris plesius* wintering in southwestern
 Kansas, 108; Specimens of three birds
 uncommon in New Jersey, 181-182
 Wren, Carolina, 81, 82, 85
 House, 54, 64
 Long-billed Marsh, 108
 Wryneck, 196, 230
 Xanthocephalus xanthocephalus, 183
 Xiphidopicus percussus, 308
 Yellow-legs, Greater, 53
 Lesser, 53, 112
 Yellow-throat, 55, 73, 166, 311
 Bahaman, 183
 Yuhina nigrimentum, 232
 Zenaida asiatica, 362
 aurita, 304
 Zenaidura macroura, 53, 82, 85, 91-101, 183
 Zimmerman, Dale A., Notes on Tamaulipan
 birds, 273-277
 Zonotrichia albicollis, 82, 84, 85, 232, 352
 leucophrys, 232
 querula, 232, 352
 Zosteropidae, 232
 Zosterops palpebrosa, 217, 232