

INDEX TO VOLUME 81

Compiled by L. R. Wolfe

(New generic, specific, and subspecific names are printed in boldface type.)

- Abnormality,
 Molothrus ater, 438
- Actitis hypoleucus*, 436
 macularia, 221, 517
- Actophilornis africanus*, 436
- Aedicnemus vocifer*, 231
- Aeronautes saxatalis*, 340
- Agamia agami*, 230
- Agelaioides*, 395
- Agelaius*, 202
 phoeniceus, 315, 394, 424
 ruficapillus, 188, 394, 395, 401
- Ahlquist, Jon, Rufous-necked Sandpiper,
 Erolia ruficollis, in northeastern Ohio,
 432–433
- Ajaia ajaja*, 419
- Alabama, 229
- Alaska, 362
- Albinism,
 Larus argentatus, 551, 560
- Aldrich, John W., review by, 106–107
- Amadon, Dean, obituary of George
 Campbell Munro, 256; reviews by,
 100–101, 101–102; see Rothwell, Mrs.
 Ray, and—
- Amazilia tzacatl*, 17
- American Ornithologists' Union,
 Awards, 204, 205, 255–256
 Committees, 1963–1964, 214
 Eighty-first Stated Meeting, 204–213
 Officers and trustees, 213–214
 Report of Committee on Bird Protection, 1963, 417–425
 Report of Research Committee, 426
 Treasurer's report, 1962–1963, 215–218
- Ames, Peter L., and Gerald S. Mersereau,
 Some factors in the decline of the
 Osprey in Connecticut, 173–185
- Anas acuta*, 88, 381, 441
 carolinensis, 381, 441
 crecca, 286–304, 441
 [*crecca*] *carolinensis*, 441
 crecca crecca, 441
 discors, 87, 381
 gibberifrons, 82
 penelope, 289–304
- platyrhynchos, 87, 88, 161, 286–304,
 381, 441, 442
 p. conboschas, 169
 p. platyrhynchos, 169
 poecilorhyncha pelewensis, 441
 strepera, 89, 381, 441
 wyvilliana, 421
- Anatomy, 108, 242, 465, 572
- Androphobus viridis*, 4
- Anous stolidus*, 132, 516, 517
- Anser anser*, 89
- Anthus spragueii*, 228, 559
- Anumbius annumbi*, 188
- Apus apus*, 132
- Aquila chrysaetos*, 91, 334, 419
- Aramus guarauna*, 418
- Archilochus colubris*, 523
- Ardea herodias*, 517
 occidentalis, 418
- Arenaria interpres*, 227, 365, 441
- Argentina, 186–203
- Arizona, 435
- Armstrong, Edward A., A study of bird
 song (rev.), 567
- Asthenes baeri*, 188–193
- Atlapetes albinucha*, 223, 224
 gutturalis, 223, 224
 gutturalis griseipectus, 223
- Auriparus flaviceps*, 358
- Austin, Oliver L., Jr., special review by,
 461–464
- Aythya americana*, 382
 ferina, 291–304
 fuligula, 288–304
 valisineria, 381, 441
- Balding, Terry, Ancient Murrelet taken
 in Illinois, 443
- Banding returns,
 Falco mexicanus, 344–345
- Bangsia*, 125, 128–130
 arcae, 128
 aureocincta, 128
 edwardsi, 128
 melanochlamys, 128
 rothschildi, 128

- Banks, Richard C., see McCaskie, R.
 Guy, and—
- Bannerman, David A., Birds of the Atlantic islands (rev.), 563–565
- Barlow, Jon C., Swaying display of a female Bell's Vireo, 89–90
- Bartramia longicauda, 517
- Becard, Rose-throated, 517
- Beebe, Charles William, Memorial to, 36–41
- Behavior, miscellaneous, 108, 242, 465, 572
- Anas platyrhynchos, 442
- Burhinus bistriatus pediacus, 232
- Calidris, 362–379
- C. ferruginea, 362–379
- Dicrurus adsimilis, 436
- Erythropygia zambesiana, 91
- Harpia harpyja, 262–268
- Heteroscelus incanum, 221
- Lagopus lagopus, 534–541
- L. mutus, 534–541
- Loxia, 32
- Molothrus, 394–402
- M. ater, 315–325
- Phaethornis guy, 14
- P. longuemareus, 16
- P. superciliosus, 6, 7–13
- Porphyrrula martinica, 224–226
- Pterodroma hasitata, 156
- Ptilostomus afer, 436
- Sphyrapicus varius, 520–527
- Textor cucullatus, 42–52
- Threnetes ruckeri, 22
- Tryngites subruficollis, 83–86
- Tympانuchus cupidо pinnatus, 65–73
- T. pallidicinctus, 65–73
- Vermivora chrysoptera, 53–64
- V. pinus, 53–64, 428–430
- V. pinus × V. chrysoptera, 428–430
- Vireo bellii, 89
- Zenaidura macroura, 233
- Benson, Constantine W., Birds associating with ungulates, 436; review by, 447–448
- Bermuda, 442
- Bibliography, of William Beebe, 41; of Robert T. Moore, 329
- Russian ornithological literature, 239–241
- Biology, 113, 469, 576
- Birkenholz, Dale E., and Donald A. Jenni, Observations on the Spotted Rail and Pinnated Bittern in Costa Rica, 558–559
- Bittern, American, 559
- Pinnated, 558, 559
- Blackbird, Red-winged, 315, 316, 321, 322, 394, 397, 424
- Yellow-headed, 315
- Blackcock, 287
- Bluebird, Eastern, 533
- Bobolink, 95
- Bobwhite, 529–531
- Bock, Walter, review by, 458–459
- Body temperature of birds, 286–307
- Bond, Gorman M., An additional record of the Yellow-billed Tropicbird (*Phaethon lepturus catesbyi*) from Pennsylvania, 552
- Bond, James, White-tailed Kite in Nicaragua, 230
- Booby, Blue-footed, 517
- Brown, 517
- Borrero H., J. I., see Wetmore, Alexander, and—
- Borror, Donald J., and William W. H. Gunn, Thrushes, wrens, and mockingbirds of eastern North America (rev.), 100
- Botaurus lentiginosus, 559
- pinnatus, 558
- Branta sandvicensis, 421
- Brewer, Richard, review by, 568–569
- Brewster Award, 204
- British Columbia, 556
- British Guiana, 257–273
- Brown, Philip, and George Waterston, The return of the Osprey (rev.), 100–101
- Browning, M. Ralph, Third United States record of the Black-faced Grassquit (*Tiaris bicolor*), 233
- Browning, T. O., Animal populations (rev.), 101
- Brush-finч, White-naped, 223
- Yellow-throated, 223
- Bubo virginianus, 183, 340
- Bubulcus ibis, 553
- Bucephala clangula, 286–304, 557

- Budgerygah, 82
Bull, John L., Red-billed Tropicbird on Long Island, New York, 433-434
Bunting, Blue, 517
 Indigo, 529-531
 Painted, 358, 359
 Snow, 31
Burhinus bistriatus, corrigendum, 477
 striatus [sic = *bistriatus*] **pediacus**, 231-233
 striatus [sic = *bistriatus*] vocifer, 231
Buteo jamaicensis, 435
 lagopus, 334
 latissimus, 435
 magnirostris griseoauda, 435
 platypterus, 435
 regalis, 341
Buteogallus anthracinus, 517
Buthraupis, 125, 127, 128, 129
 eximia, 128
 montana, 128
- Caccicus*, 202
Cahalane, Victor H., *et al.*, Report of the Committee on Bird Protection, 1963, 417-425
Cahow, 147, 156, 157
Calcarius ornata, 559
Calidris alba, 368, 371
 alpina, 362, 368, 370, 371, 379
 bairdii, 368, 370, 371, 379
 canutus, 227
 ferruginea, 362-379
 fuscicollis, 362, 368, 371, 376, 377
 maritima, 365, 371, 375
 mauri, 366, 368, 371
 melanotos, 362, 371, 376-379
 minutilla, 371
 pusilla, 365, 367, 371
 ruficollis, 368, 371
California, 353-361
Campephilus imperialis, 74-81
 principalis, 74, 76, 420
Campylopterus hemileucurus, 6
Canada, 551, 556
Canary, 442
Capercaillie, 287
Caracara, 517
Caracara cheriway, 517
Cardinal, 29, 31, 97
Carpodacus mexicanus, 439
 m. frontalis, 439
 purpureus, 439
Casmerodus albus, 554
Catbird, 429
Cathartes aura, 517
Catharus aurantiirostris, 308, 309, 311
 dryas, 308
 frantzii, 308-314
 f. alticola, 308, 313
 f. frantzii, 308
 f. omiltemensis, 308, 313
 melpomene, 308
 mexicanus, 308
 occidentalis, 308-314
 o. fulvescens, 308
Cephus, 298
Chaetura vauxi, 366
Chamaethlypis poliocephala, 559
Chapin, James P., review by, 98-100
Charadrius vociferus, 382
Chat, Yellow-breasted, 517
Chlidonias niger, 517
Chloris chloris, 30
Chrysotilus melanochlorus, 191, 192
Circus cyaneus, 334
Cissopis, 128
Clangula hyemalis, 298, 557
Clarke, C. H. D., see Cahalane, Victor H., *et al.*
Coccyzus melacoryphus, 193
Colaptes, 497
Cold-hardiness, 281-307
Colinus virginianus, 530
Collias, Elsie C., and Nicholas E. Collias, The development of nest-building behavior in a weaverbird, 42-52
Collias, Nicholas E., see Collias, Elsie C., and—
Colombia, 231
Colorado, 346
Columba livia, 287, 334, 403-416, 533
Columbigallina passerina, 516, 517
Compsocoma, 125, 127, 128, 129
 flavinucha, 127
 notabilis, 127
Connecticut, 173, 552
Contopus virens, 530
Conservation, 580

- Cooch, F. G., A preliminary study of the survival value of a functional salt gland in prairie Anatidae, 380-393; review by, 561-562
- Coot, American, 382-392, 556-558
European, 558
- Cope, James B., see Fowler, James M., and—
- Coragyps atratus, 517
- Cormorant, Pelagic, 557, 558
- Corvus palmarum, 157
- Coryphospingus cucullatus, 188
- Costa Rica, 558
- Cowbird, Bay-winged, 191, 394, 396, 400, 401
Bronzed, 311, 394, 401
Brown-headed, 315-325, 394, 400, 401, 439
Giant, 394, 401
Screaming, 398
Shiny, 394, 400, 401
- Crake, White-throated, 559
- Crandall, Lee S., in memoriam: Charles William Beebe, 36-41
- Crane, Sandhill, 425
Whooping, 420
- Cranioleuca pyrrhophia, 188
- Crocethia, 377
- Crossbill, Red, 26-35
White-winged, 26-35
- Crow, Palm, 157
- Cuckoo, Azara's, 193
Guira, 193
- Cyanocitta cristata, 31
- Cyanocompsa parellina, 516, 517
- Cyanocorax yncas luxuosa, 440
- Dawn, Walter, Nest and eggs of the Cabanis Tiger Heron in Chiapas, Mexico, 230-231
- Dawson, William R., and Harrison B. Tordoff, Relation of oxygen consumption to temperature in the Red and White-winged crossbills, 26-35
- Deignan, Herbert G., Checklist of the birds of Thailand (rev.), 570-571
- Delaware, 437
- Delichon urbica, 442
- Delothraupis, 127, 128, 129
- Demigretta sacra, 441
- Dendrocopos pubescens, 524
- Dendrocygna autumnalis, 517
- Dendroica auduboni, 228, 355
caeruleascens, 523
c. caeruleascens, 354, 357
castanea, 358
coronata, 356
discolor, 354, 357
fusca, 354, 357
nigrescens, 355
occidentalis, 355
palmarum, 505
p. hypochrysea, 505
p. palmarum, 354, 357, 505
pensylvanica, 53, 55-57, 61, 62, 354, 357, 505
petechia, 53, 55-57, 61, 355
striata, 354, 357, 411
s. lurida, 357
townsendi, 355
virens, 55, 358
- de Vos, A., Activities of a Mallard (*Anas platyrhynchos*) brood after hatching, 442
- Dichromonassa rufescens, 418
- Dickcissel, 394
- Dickerman, Robert W., Notes on the Horned Larks of western Minnesota and the Great Plains, 430-432; A specimen of Fuertes' Oriole, *Icterus fuertesi*, from Texas, 433; The Song Sparrows of the Mexican plateau (rev.), 448-451
- Dicrurus adsimilis, 436
- Dilger, William C., Finding out about birds (rev.), 566
- Disease of birds, 109, 244, 466, 572
- Distribution, 76, 86, 91, 92, 96, 109, 224, 227, 229, 230, 232, 233, 248, 300-304, 314, 355-360, 432, 433, 437, 441, 442, 443, 466, 483, 552, 573
- Dolichonyx oryzivorus, 95
- Dominica, B.W.I., 148
- Dotterel, 442
- Dove, Ground, 517
Mourning, 233
- Ring, 322
- Rock, 334, 337, 343
- White-winged, 517

- Dow, Douglas D., Diving times of wintering water birds, 556-558
- Drongo, Fork-tailed, 436
- Dubusia, 128, 129, 130
- Duck,
Australian Gray, 441
Black-bellied Tree, 517
Canvasback, 381-392, 441
Gadwall, 89, 381-392, 441
Goldeneye, Common, 286, 557, 558
Hawaiian, 421
Long-tailed, 298
Mallard, 87, 88, 161, 164, 170, 286, 381-392, 441, 442
Oldsquaw, 298, 557
Pintail, 88, 89, 381-392, 441
Pochard, 292
Redhead, 381-392
Ruddy, 382-392
Shoveler, 86, 87, 381-392, 441
Tufted, 288
Widgeon, 441
Widgeon, American, 86, 381-392
Widgeon, European, 289
- Dumetella carolinensis, 429
- Dunlin, 362, 368, 369
- Eagle, Bald, 419
Golden, 91, 334, 337, 419
Harpy, 257-273
- Ecology, 32, 82, 111, 173-185, 250, 281-307, 486, 520-527, 573
- Egret, Cattle, 436, 553, 554
Common, 554
Reddish, 418
Snowy, 227, 554
- Eider, Common, 286, 387
King, 298
Spectacled, 219-221
- Eisenmann, Eugene, reviews by, 460, 569-570
- Elanoïdes forficatus, 13
- Elanus leucurus majusculus, 229, 230
- El Salvador, 229
- Emberiza citrinella, 30
- Embernagra platensis, 188
- Embryology, 108, 242, 465, 572
- Emlen, John T., Report of the Research Committee for 1962-1963, 426-427
- Empidonax traillii, 517
- Enderson, James H., A study of the Prairie Falcon in the central Rocky Mountain region, 332-352
- Energy metabolism, 403-416
- Engels, William L., Further observations on the regulation of the annual testicular cycle in Bobolinks (*Dolichonyx oryzivorus*), 95-96
- Eremophila alpestris, 334, 430
a. alpestris, 430
a. enthymia, 430-432
a. hoyti, 430
a. leucolaema, 430-432
a. occidentalis, 431, 432
a. praticola, 430
a. utahensis, 431, 432
- Ereunetes pusillus, 432
- Erickson, Arnold B., obituary of, 586
- Erolia, 377, 378
acuminata, 378
fuscicollis, 377
melanotos, 83, 377, 378
minutilla, 432
ruficollis, 432
- Erythropygia hartlaubi, 92
leucoptera, 92
quadrivirgata, 92
zambesiana, 91
- Eudromias morinellus, 442
- Evolution, 112, 253
- Falco mexicanus, 332-352
peregrinus, 340, 517
sparverius, 332, 435
- Falcon, Peregrine, 340, 343, 347, 348, 517
Prairie, 332-352
- Fat deposition, 505-512
- Ficken, Millicent S., review by, 237
- Finch, Australian Zebra, 160
House, 439, 440
La Plata Ground, 188
Purple, 439, 440
Red-crested, 188
Saffron, 188
White and Gray Warbling, 188
Zebra, 82
- Firewood Gatherer, 188, 192
- Flamingo, American, 419
- Florida, 233, 559
- Florida caerulea, 554

- Flycatcher, Great Kiskadee, 186
 Nutting's, 517
 Olivaceous, 517
 Rusty-margined, 434
 Social, 434
 Sulphur-bellied, 517
 Traill's, 517
 Wied's Crested, 517
- Food of birds,
Botaurus pinnatus, 559
Campephilus imperialis, 77
Harpia harpyja, 268
Heteroscelus incanum, 221
Pardirallus maculatus, 559
Porphyrrula martinica, 225
Pterodroma hasitata, 157
- Forest-falcon, Barred, 13
- Fowler, James M., and James B. Cope,
 Notes on the Harpy Eagle in British
 Guiana, 257-273
- Frazier, Frank P., Jr., New records of
 Cattle Egrets in Perú, 553-554
- Fregata magnificens*, 516, 517
- Friedmann, Herbert, Host relations of the
 parasitic cowbirds (rev.), 234-235; in
 memoriam: Robert Thomas Moore,
 326-331
- Frigatebird, Magnificent, 517
- Fringilla montifringilla*, 30
- Fulica americana*, 382, 557
 atra, 558
- Fuller, Robert W., and Neil E. King,
 American Widgeon and Shoveler
 breeding in Vermont, 86-87
- Fulmar, 437
- Fulmarus glacialis glacialis*, 437
- Furnarius rufus*, 187, 188, 191, 194, 197
- Gabrielson, Ira N., see Cahalane, Victor
 H., *et al.*
- Gillinula chloropus*, 226
- Gallinule, Common, 226
 Purple, 224-226, 227
- Gallus domesticus*, 287, 293, 302
- Genetics, 112, 253
- Geothlypis semiflava*, 559
 trichas, 56, 530
- Gerygone, 1, 2
palpebrosa, 2
- Gill, Frank B., and Wesley E. Lanyon,
 Experiments on species discrimination
 in Blue-winged Warblers, 53-64
- Giller, Donald R., see Selander, Robert
 K., and—
- Glines, Samuel J., see Trautman, Milton
 B., and—
- Gnatcatcher, Blue-gray, 552
- Godwit, Black-tailed, 375
- Goforth, W. Reid, Male Mourning Dove
 rears young unaided, 233
- Goosander, 289
- Goose, Greylag, 89
 Hawaiian, 421
- Graber, Jean W., see Gruber, Richard R.,
 and—
- Graber, Richard R., and Jean W. Gruber,
 A comparative study of bird popula-
 tions in Illinois, 1906-1909 and
 1956-1958 (rev.), 568-569
- Grackle, Rothschild, 397
- Grant, P. R., The birds of the Tres
 Marietas Islands, Nayarit, Mexico,
 514-519
- Grassquit, Black-faced, 233, 477
 Blue-black, 517
- Grebe, Horned, 557
 Pied-billed, 382-392
- Grinnell, Hilda Wood, obituary of, 586
- Grosbeak, Evening, 29, 31
- Gross, Alfred O., Albinism in the Herring
 Gull, 551-552
- Grouse, Black, 539
- Grus americana*, 420
canadensis canadensis, 425
- Guira guira, 193, 195
- Gull, Black-headed, 288
 Bonaparte's, 552
Franklin's, 356, 382-392
Glaucous-winged, 164, 170
Heermann's, 517, 518, 519
Herring, 132, 288, 551, 555, 560
Iceland, 552
Ivory, 552
Laughing, 517
Lesser Black-backed, 132, 288
Mew, 387
Ring-billed, 288, 517
Sabine, 228
Western, 517

- Gunn, William W. H., see Borror, Donald J., and —
- Gygis alba, 441
- Haematopus ostralegus, 517
- Hahn, Paul, Where is that vanished bird? (rev.), 568
- Haiti, 149
- Haliaeetus leucocephalus, 419
- Hammerhead, 436
- Hanson, Harold C., The dynamics of condition factors in Canada Geese and their relation to seasonal stresses (rev.), 561–562
- Hanson, Harold C., and Charles W. Kosack, The Mourning Dove in Illinois (rev.), 106–107
- Hardy, John William, editor, recent literature, 108–121, 242–254, 465–475, 572–584; review by, 454–455
- Harpia harpyja, 257–273
- Harris, Bruce K., First United States record for the Slate-throated Redstart, and first specimens of various species for New Mexico, 227–229
- Hawk, Black, 517
Broad-winged, 435
- Ferruginous, 341
- Marsh, 334, 337
- Red-tailed, 435
- Roadside, 435
- Rough-legged, 334, 337
- Sparrow, 332, 435
- Hayes, J., see Waldbauer, G. P., and —
- Heath Hen, 65
- Heim de Balsac, Henri, and Noël Mayaud, Les oiseaux du nord-ouest de l'Afrique distribution géographique, écologie, migration, reproduction (rev.), 98–100
- Heimerdinger, Mary A., review by, 101
- Helmitheros vermivorus, 96, 358
- Heron, Agami, 230
Cabanic Tiger, 230
- Great Blue, 517
- Great White, 418
- Little Blue, 554
- Louisiana, 227
- Reef, 441
- Tiger, 231
- Yellow-crowned, 517
- Hesperiphona vespertina, 29
- Heterocnus mexicanus, 230
- Heteropygia, 377
- Heteroscelus brevipes, 441
incanum, 221, 441
- Hirundo rustica, 132
- Hispaniola, 147
- Histrionops histrionica, 82
- Hochbaum, H. Albert, see Cahalane, Victor H., et al.
- Holmes, Richard T., and Frank A. Pitelka, Breeding behavior and taxonomic relationships of the Curlew Sandpiper, 362–379
- Homing,
Puffinus puffinus, 138
- Howard, Hildegarde, obituary of Hilda Wood Grinnell, 586
- Howell, Thomas R., review by, 453–454
- Hoy, Gunnar, and Johann Ottow, Biological and oological studies of the molothrine cowbirds (Icteridae) of Argentina, 186–203
- Hummingbird, Allen's, 412
Band-tailed Barbetthroat, 5, 6, 21–23
- Blue-throated Golden-tail, 17
- Buff-browed Hermit, 7
- Green Hermit, 5–13
- Languemare's, 5, 16–21
- Little Hermit, 5, 6, 16–21
- Long-tailed Hermit, 5–13
- Reiffers, 17
- Ruby-throated, 523
- Rucker's, 5, 21–23
- Rufous-tailed, 17
- Violet Sabre-wing, 6
- Violet-headed, 17
- Hunt, George L., Jr., *Tyrannus melancholicus* using a partially domed nest, 434–435
- Hybridization, 479–504
- Hydranassa tricolor, 227
- Hylocharis eliciae, 17
- Ibis, Wood, 418
- Icteria virens, 517

- Icterus, 202, 497
bullockii, 92-94
cucullatus cucullatus, 440
fuertesi, 433
galbula, 93, 94
graduacauda audubonii, 433, 440
pustulatus, 358
spurius, 358, 433, 516, 517
- Ictinia mississippiensis, 229
- Illinois, 227, 443
- Incubation period,
Falco mexicanus, 338
Phaethornis longuemareus, 19
P. superciliosus, 11
Porphyrrula martinica, 225
- Iridornis, 125, 127, 128, 129
analis, 129
- Jacana, 436
- Jaeger, Long-tailed, 363
 Parasitic, 363
- Jay, Blue, 31
Gray, 31
Green, 440
- Jenni, Donald A., see Birkenholz, Dale E., and—
- Johnson, Roger D., Red-tailed Hawk
 preys on black-tailed rattlesnake, 435
- Jones, Robert E., The specific distinctness of the Greater and Lesser prairie chickens, 65-73
- Junco hyemalis, 96, 439
- Junco, Slate-colored, 96, 439
- Kelley, Alice H., *et al.*, Birds of the Detroit-Windsor area A ten-year survey (rev.), 562
- Kilham, Lawrence, The relations of breeding Yellow-bellied Sapsuckers to wounded birches and other trees, 520-527
- Killdeer, 382-392
- Kim, Yoon T., see Schmidt-Nielsen, Knut, and—
- King, Neil E., see Fuller, Robert W., and—
- Kingbird, Tropical, 356, 358, 434, 440
- Kiskadee, Great, 186
- Kite, Everglade, 419
 Mississippi, 229
- Swallow-tailed, 13
 White-tailed, 229, 230
- Klais guimeti, 17
- Knot, 227
- Koskimies, Jukka, and Lauri Lahti, Cold-hardiness of the newly hatched young in relation to ecology and distribution in ten species of European ducks, 281-307
- Kossack, Charles W., see Hanson, Harold C., and—
- Lagopus lagopus, 287, 534-541
leucurus, 539
mutus, 534-541
- Lahti, Lauri, see Koskimies, Jukka, and—
- Lanius ludovicianus, 340
- Lanyon, Wesley E., Biology of birds (rev.), 453-454; review by, 566; see Gill, Frank B., and—
- Lark, Horned, 334, 340, 341, 346, 347, 351, 430-432
- Larus, 298
argentatus, 132, 288, 551, 555, 560
atricilla, 517
canus, 387
delawarensis, 228, 517
fuscus, 132, 288
glaucus, 164
heermanni, 516, 517, 518
marinus, 387
occidentalis, 517
philadelphicus, 552
pipixcan, 356, 382
ridibundus, 288
- Laterallus albicularis, 559
- LeFebvre, Eugene A., The use of D_2O^{18} for measuring energy metabolism in *Columba livia* at rest and in flight, 403-416
- LeFevre, Rufus H., The birds of northern Shantung Province, China (rev.), 103
- Leucophoyx thula, 227, 554
- Leucopsar rothschildi, 397
- Life history,
Pandion haliaetus, 173-183
Phaethornis guy, 13-16
P. longuemareus, 16-21
P. superciliosus, 5-13
Threnetes ruckeri, 21-23

- Tympانuchus cupidus, 65-73
 T. pallidicinctus, 65-73
- Limicola, 378
- Limosa limosa, 375
- Limpkin, 418
- Longspur, Chestnut-collared, 559
 McCown's, 340, 341
- Lophortyx californicus, 293, 302
- Lowery, George H., Jr., and John P. O'Neill, A new genus and species of tanager from Peru, 125-131
- Loxia curvirostra sitkensis, 26-35
 leucoptera leucoptera, 26-35
- Lumsden, Harry G., Golden Eagle nesting in Ontario, 91
- Lyrurus tetrix, 287, 539
- MacDonald, Malcolm, Birds in the sun (rev.), 102-103
- Magpie, Black-billed, 334, 340
- Management, 580
- Manwell, Reginald D., A congenitally one-legged cowbird, 438-439
- Mareca americana, 86, 381
 penelope, 441
- Marsh Bird, Red-headed, 188
- Marshall Islands, 441
- Marshall, Joe, review by, 448-451
- Martin, Gray-breasted, 517, 519
 House, 442
 Purple, 274-280, 443
 West Indian, 443
- Massachusetts, 92, 96
- Matthews, G. V. T., Individual experience as a factor in the navigation of Manx Shearwaters, 132-146
- Mayaud, Noël, see Heim de Balsac, H., and—
- Mayfield, Harold, Yearly fluctuations in a population of Purple Martins, 274-280; reviews by, 234-235, 562
- Mayr, Ernst, review by, 98
- McCaskie, R. Guy, and Richard C. Banks, Occurrence and migration of certain birds in southwestern California, 353-361
- McKinley, Daniel, review by, 568
- Meadowlark, Western, 334, 339, 340, 341
- Measurement of birds,
Burhinus bistratus pediacus, 232
- Calcarius ornata, 559
- Cyanocorax yncas luxuosa, 440
- Eremophila alpestris enthymia, 431
 E. a. leucolaema, 431
- Harpia harpyja, 269
- Icterus bullockii, 93
 I. cucullatus cucullatus, 440
- I. graduacauda audubonii, 440
- Myioborus miniatus, 228
- Pipilo erythrorthalmus, 488, 489, 491, 493, 495
 P. ocai, 489, 490, 492, 493, 494
- Pterodroma hasitata, 155
- Sericornis nigroviridis, 3
- Tyrannus melancholicus couchii, 440
- Wetmorethraupis sterrhopteron, 127
- Measurement of eggs,
Catharus frantzii, 311
- Measurement of ovaries,
Botaurus pinnatus, 559
Pardirallus maculatus, 559
- Measurement of testis,
Sericornis nigroviridis, 2
- Melanitta fusca, 289-304
 perspicillata, 557
- Melopsittacus undulatus, 82
- Melospiza georgiana, 358
- Mengel, Robert M., reviews by, 455-457, 457-458
- Merganser, Common, 289
 Red-breasted, 289, 557, 558
- Mergus merganser, 289-304
 serrator, 289-304, 557
- Mersereau, Gerald S., see Ames, Peter L., and—
- Metabolic measurements, 26-35
- Mexico, 74-81, 230, 479-504, 514-519
- Michigan, 552, 555, 560
- Micrastur ruficollis, 13
- Micronesia, 441
- Micropalma, 378
himantopus, 228, 368, 378
- Middleton, Douglas S., see Kelley, Alice H., et al.
- Migration, 116, 253-361, 471, 580
- Miles, Merriam L., First records of the White-tailed Kite for El Salvador and Alabama, 229
- Miller, Alden H., A new species of warbler from New Guinea, 1-4;

- Seasonal activity and ecology of the avifauna of an American equatorial cloud forest (rev.), 444-446
- Mimus polyglottos*, 91, 92, 514, 517
saturninus, 189, 190, 200
- Minnesota, 219, 430-432
- Mniotilla varia*, 354, 358, 517
- Mockingbird, 91, 92, 514, 517
- Molothrus ater*, 202, 315-325, 394-401, 439
badius, 186-203, 394-401
bonariensis, 186-203, 394-401
b. bonariensis, 199
b. minimus, 199
rufo-axillaris, 186-203, 398
- Molt,
Falco mexicanus, 343
- Monroe, Burt L., Jr., Wing-flashing in the Red-backed Scrub-robin, *Erythropygia zambesiana*, 91-92
- Moore, Robert Thomas, memorial to, 326-331
- Mortality, 555
- Moyle, John B., obituary of Arnold B. Erickson, 586
- Munro, George Campbell, obituary of, 256
- Murrelet, Ancient, 443
- Mycteria americana*, 418
- Myiarchus nuttingi*, 517
tuberculifer, 517
tyrannulus, 517
- Myioborus miniatus*, 228
- Myiodynastes luteiventris*, 517
- Myiozetetes cayanensis*, 434
similis, 434
- Myzomela, 4
- Navigation, 132-146
- Nelson, Colleen Helgeson, Observations on the day-old young of the Spectacled Eider, *Somateria fischeri*, 219-221
- Nene, 421
- Nesting,
Catharus frantzii, 309-313
Catharus occidentalis, 309-311
Harpia harpyja, 258-262
Heterocnus mexicanus, 230
Phaethornis guy, 15
P. longuemareus, 17
P. superciliosus, 8-11
- Porphyrola martinica*, 224-226
Tyrannus melancholicus, 434
- Nesting success,
Falco mexicanus, 337, 347
Pandion haliaetus, 177-184
- New Brunswick, 551
- New Guinea, 1-4
- New Hampshire, 520, 527
- New Jersey, 552
- New Mexico, 227
- New York, 433, 439, 552
- Newman, Robert J., Treasurer's report for the period August 1, 1962-July 31, 1963, 215-218
- Nicaragua, 230
- Nickell, Walter P., Fatal entanglements of Herring Gulls (*Larus argentatus*) and Common Terns (*Sterna hirundo*), 555-556; Two albino Herring Gulls found at Rogers City, Michigan, 560; see Kelley, Alice H., *et al.*
- Niethammer, G., Die Einbürgerung von Säugetieren und Vögeln in Europa (rev.), 98
- Nightingale Thrush, Frantzius', 308-314
Orange-billed, 308, 311
Russet, 308
- North Carolina, 439
- North Dakota, 430, 431
- Northern Rhodesia, 436
- Nyctanassa violacea*, 517
- Odum, Eugene P., see Rogers, David T., Jr., and—
- Ohio, 224, 274, 432
- Oklahoma, 83-86
- Olor buccinator*, 420, 442
- O'Neill, John P., Color plate of Wetmorethraupis sterrhopteron, facing p. 125; see Lowery, George H., Jr., and—
- Ontario, 91
- Oporornis tolmiei*, 355
- Oring, Lewis W., Displays of the Buff-breasted Sandpiper at Norman, Oklahoma, 83-86; Egg moving by incubating ducks, 88-89; Notes on the birds of Webb County, Texas, 440
- Oriole, Baltimore, 93
Black-headed, 433

- Bullock's, 92-94
Fuertes', 433
Hooded, 440
Orchard, 358, 359, 433, 517
Scarlet-headed, 358, 359
Oropendola, Wagler's, 394
Orr, Robert T., Flycatching by Wandering Tattlers (*Heteroscelus incanum*), 221-222; see Rowley, J. Stuart, and—
Osprey, 173-185
Otocoris alpestris arenicola, 431
Ottow, Johann, see Hoy, Gunnar, and—
Owen, D. F., review by, 451-452
Owl, Great Horned, 183, 340
Oxygen consumption, 26-35
Oxyura jamaicensis, 382
Oystercatcher, European, 517
- Pagophila eburnea*, 552
Paleontology, 119, 474, 582
Palmer, Ralph S., review by, 567
Panama, 434
Pandion haliaetus, 173-185
Parasitism, 186-203
Parasitology, 109, 244, 466, 572
Pardirallus maculatus, 558
Parkes, Kenneth C., editor, reviews, 98-107, 234-241, 444-464, 561-571; reviews by, 102-103, 570-571
Parula americana, 354, 358, 505
Parus bicolor, 97, 553
Passer domesticus, 30, 275, 394, 401
Passerculus sandwichensis, 505, 517
 s. beldingi, 160
Passerina, 497
 ciris ciris, 358
 cyanea, 530
Pavo, The Indian Journal of Ornithology (rev.), 236-237
Paynter, Raymond A., Jr., The type locality of *Atlapetes albinucha*, 223-224; see Smithe, Frank B., and—
Peeters, Hans J., Color plate of *Sericornis nigroviridis*, facing p. 1
Pelecanus conspicillatus, 82
 occidentalis, 516, 517
Pelican, 82
 Brown, 517
Penguin, Rockhopper, 124
Pennsylvania, 552
- Peophila castanotis*, 82
Pepoaza, Widow, 187
Perisoreus canadensis, 31
Peru, 125, 553
Peterson, Roger T., *et al.*, The birds (rev.), 455-457
Petrel, Black-capped, 147-159
Phacelldomus rufifrons, 188-197
Phaethon aethereus mesonauta, 433
 lepturus catesbyi, 552
Phaethornis guy, 5, 13-16
 longuemareus, 5, 16-21
 superciliosus, 5-13
Phaetusa simplex, 443
Phalacrocorax pelagicus, 557
Phalaenoptilus nuttallii, 23
Phalarope, Red, 369
 Wilson's, 83
Phalaropus fulicarius, 369
Phasianus colchicus, 287, 293, 302
Pheasant, Ring-necked, 293
Phelps, William H., and William H. Phelps, Jr., Lista de las aves de Venezuela con su distribución, Tomo 1, Parte 2, Passeriformes (rev.), 460
Phelps, William H., Jr., see Phelps, William H., and—
Pheucticus, 497
Phloeoceastes guatemalensis, 74
Phlogothraupis, 129
Phoebe, Eastern, 358, 359
Phoenicopterus ruber, 419
Phylloscopus, 1
 trivirgatus, 3
Physiology, 117, 254, 472-474
Piapiac, 436
Pica pica, 334
Pigeon, Flock, 82
Pipilo erythrrophthalmus, 479-504
 ocai, 479-504
Pipit, Sprague's, 228, 559
Pitangus sulphuratus, 186
Pitelka, Frank A., see Holmes, Richard T., and—
Platyparis aglaiae, 516, 517
 aglaiae albiventris, 516
Plectrophenax nivalis, 31
Ploceus philippinus, 46
Plover, African Blackheaded, 394
 American Golden, 370
 Upland, 517

- Plumage,
Falco mexicanus, 343
Harpia harpyja, 270
 Hybrid index, 480
- Pluvialis dominica*, 370
- Podiceps auritus*, 557
- Podilymbus podiceps*, 382
- Poecilothraupis*, 125, 127, 128, 129
- Polioptila caerulea*, 552
- Pooecetes gramineus*, 340
- Poor-will, 23
- Psopspiza melanoleuca*, 188
- Population, 111, 173–185, 250, 274–280, 468, 573
- Porphyrrula martinica*, 224, 227
- Potter, Eloise Fretz, First House Finch collected in North Carolina, 439–440
- Prairie Chicken, Greater, 65–73
 Lesser, 65–73
- Predation, 13, 180–183
- Procellaria puffinus*, 132–146
- Progne chalybea*, 516, 517
dominicensis dominicensis, 443
subis, 274–280, 443
- Prolactin, effects of, 315–325
- Protection, 417–425
- Protonotaria citrea*, 505
- Psomocolax oryzivorus*, 202, 394, 398, 401
- Ptarmigan, Rock, 534–541
 Willow, 287, 534–541
 White-tailed, 539
- Pterodroma cahow*, 147, 155
caribbaea, 157
hasitata, 147–159
- Ptilostomus afer*, 436
- Puffinus, 298
puffinus, 132–146
- Quail, Bobwhite, 529–531
 California, 293
- Radiation, effects of, 528–533
- Rail, Spotted, 558
- Ramphocelus*, 129
- Raynor, Gilbert S., Nesting of the Blue-gray Gnatcatcher on Long Island, New York, 552–553
- Redstart, American, 357, 359, 505–512
 Painted, 228
 Slate-throated, 227, 228
- Rhamphocelis crassirostris*, 4
- Rhynchophanes mccownii*, 340
- Richmondena cardinalis*, 29, 97
- Riparia riparia*, 132
- Ripley, S. Dillon, reviews by, 103, 236–237
- Robertson, William B., Jr., see Cahalane, Victor H., *et al.*
- Robin, 422
 Rufous-backed, 517
- Robinson, Gerald G., and Dwain W. Warner, Some effects of prolactin on reproductive behavior in the Brown-headed Cowbird (*Molothrus ater*), 315–325
- Rogers, David T., Jr., and Eugene P. Odum, Effect of age, sex, and level of fat deposition on major body components in some wood warblers, 505–513
- Rostrhamus sociabilis*, 419
- Rothwell, Mrs. Ray, and Dean Amadon, Ecology of the Budgerygah, 82
- Rowley, J. Stuart, and Robert T. Orr, The status of Frantzius' Nightingale Thrush, 308–314
- Rudebeck, Gustaf, see Salomonsen, Finn, and—
- Rupornis magnirostris griseocauda*, 435
- Russian ornithological literature (rev.), 238–241
- Salomonsen, Finn, and Gustaf Rudebeck, editors, Danmarks fugle (rev.), 563
- Salt gland, 160–172, 380–393
- Saltatricula multicolor*, 188
- Sanderling, 368
- Sandpiper, Baird's, 368, 369
 Buff-breasted, 83–86
 Common, 436
 Curlew, 362–379
 Least, 432
 Pectoral, 83, 362, 363, 369
 Purple, 371
 Rufous-necked, 368, 432
 Semipalmated, 365, 369, 432
 Spotted, 221, 517
 Stilt, 228, 368
 Western, 366
 White-rumped, 362

- Sapsucker, Yellow-bellied, 520-527
Sarciphorus tectus, 394
Sayornis phoebe, 358
Schaldach, W. J., Jr., The avifauna of Colima and adjacent Jalisco, Mexico (rev.), 454-455
Schmidt-Nielsen, Knut, and Yoon T. Kim, The effect of salt intake on the size and function of the salt gland of ducks, 160-172
Schnell, Jay H., Some effects of neutron-gamma radiation on late summer bird populations, 528-533
Scopus umbretta, 436
Scooter, Surf, 557, 558
 Velvet, 289
Scrub-robin, Red-backed, 91
Seedeater, Variable, 559
 White-collared, 559
Segregation of sexes among ptarmigan, 534-540
Selander, Robert K., Behavior of captive South American cowbirds, 394-402
Selander, Robert K., and Donald R. Giller, Species limits in the wood-pecker genus *Centurus* (Aves) (rev.), 103-105
Selasphorus sasin, 412
Sericornis, 1, 2
 nigroviridis, 1-4
 rufescens, 2, 3
Serinus canarius, 442
Setophaga picta, 228
 ruticilla, 354, 357, 505
Shearwater, Manx, 132-146
Short, Lester L., Jr., Extra helpers feeding young of Blue-winged and Golden-winged warblers, 428-430; review by, 103-105
Shrike, Loggerhead, 340
Sialia sialis, 533
Sibley, Charles G., and Fred C. Sibley, Hybridization in the red-eyed towhees of Mexico: the populations of the southeastern plateau region, 479-504
Sibley, Fred C., see Sibley, Charles G., and—
Sicalis flaveola, 188
Sick, Helmut, *Tucaní* (rev.), 569-570
Skutch, Alexander F., Life histories of hermit hummingbirds, 5-25
Slud, Paul, reviews by, 235-236, 444-446
Smith, Charlotte E., Nesting of Worm-eating Warbler and Slate-colored Junco in eastern Massachusetts, 96-97
Smithe, Frank B., and Raymond A. Paynter, Jr., Birds of Tikal, Guatemala (rev.), 235-236
Snyder, Dorothy E., *Icterus bullockii* in Massachusetts, 92-94
Somateria fischeri, 219-221
 mollissima, 286-304, 387
 spectabilis, 298
South Dakota, 430, 431
Southern Rhodesia, 436
Sparrow, Field, 228
 House, 275, 394, 395, 397, 401, 425
 Many-colored Ground, 188
 Savannah, 160, 505, 517
 Swamp, 358, 359
 Vesper, 340
 White-crowned, 96
Spatula clypeata, 87, 381, 441
Sphyrapicus varius, 520-527
Spindalis, 128, 129, 130
Spiza americana, 394
Spizella pusilla, 228
 p. arenacea, 229
Spoonbill, Roseate, 419
Sporophila aurita corvina, 559
 torqueola, 559
Sprunt, Alexander, Jr., Carolina low country impressions (rev.), 457-458
Starling, 132, 275, 424, 542-550
Steganopus tricolor, 83
Stephanophorus, 127, 128, 129
Stercorarius longicaudus, 363
 parasiticus, 363
Sterna fuscata, 132, 420, 441, 517
 hirundo, 517, 555
 lunata, 441
Stevenson, Henry M., A record of the Chestnut-collared Longspur in Florida, 559
Storer, Robert W., see Watson, George E., et al.
Streptopelia risoria, 322
Sturnella neglecta, 334
Sturnus vulgaris, 132, 275, 424, 542-550

- Sula leucogaster, 516, 517, 518
 l. brewsteri, 518
 l. nesiotes, 518
 nebouxii, 516, 517, 518
- Survival,
 Falco mexicanus, 347
- Swallow, Bank, 132
- Swan, Trumpeter, 420, 442
- Swift, 132
 Vaux, 366
 White-throated, 340
- Sykes, Paul W., Jr., Fulmar taken in
 Virginia, 437
- Synthliborhamphus antiquum, 443
- Taeniopygia castanotis, 160
- Tanager, Orange-throated, 125–131
- Tangavius, 202
 aeneus, 202, 311, 394, 397, 398, 401
- Tanner, James T., The decline and present
 status of the Imperial Woodpecker of
 Mexico, 74–81
- Tapera naevia, 203
- Tattler, Gray-tailed, 441
 Wandering, 221, 441
- Taxonomy, 1–4, 65–73, 119, 125–130, 155,
 231, 308–314, 377, 430–432, 474, 502,
 582
- Teal, Blue-winged, 87, 381–392
 Common, 286, 441
 Green-winged, 381–392, 441
 Grey, 82
- Tephrophilus, 127, 128, 129, 130
- Tern, Black, 517
 Common, 517, 555
 Fairy, 441
 Gray-backed, 441
 Large-billed, 443
 Noddy, 132, 517
 Sooty, 132, 420, 441, 517
- Testicular cycle, 95
- Tetrao urogallus, 287
- Texas, 433, 435, 440
- Textor cucullatus cucullatus, 42–52
 c. gaueri, 42
- Thick-knee, Double-striped, 231–233, 477
- Thomson, A. Landsborough, Birds as-
 sociated with elephants and hip-
 popotamuses, 436
- Thorn-bird, Red-fronted, 188, 190
- Thrasher, Bendire's, 358, 359
- Thraupis, 125, 128, 129
 bonariensis, 128, 189
- Threnetes ruckeri, 5, 21–23
- Thryothorus ludovicianus, 530
- Tiaris bicolor, 233, 477
- Tiger Heron, 231
 Cabanis, 230
- Tigrisoma lineatum, 231
- Titmouse, Tufted, 97, 553
- Todd, W. E. Clyde, Birds of the Labrador
 Peninsula and adjacent areas A
 distributional list (rev.), 461–464
- Tordoff, Harrison B., see Dawson,
 William R., and—
- Towhee, Collared, 479–504
 Rufous-sided, 479–504
- Toxostoma bendirei, 358
- Trautman, Milton B., A specimen of the
 Roadside Hawk, *Buteo magnirostris*
 griseocauda, from Texas, 435
- Trautman, Milton B., and Samuel J.
 Glines, A nesting of the Purple
 Gallinule (*Porphyrrula martinica*) in
 Ohio, 224–226
- Traylor, Melvin A., Check-list of An-
 golan birds (rev.), 447–448; review
 by, 565–566
- Tres Marietas Islands, 514–519
- Tropicbird, Red-billed, 433
 Yellow-billed, 552
- Troupial, Chestnut-fronted, 394, 396, 401
- Tryngites, 378
 subruficollis, 83–86
- Turdus migratorius, 422
 rufo-palliatus, 517
- Turnstone, Ruddy, 227, 365, 369, 441
- Tympanuchus cupido attwateri, 65
 c. cupido, 65
 c. pinnatus, 65–73
 pallidicinctus, 65–73
- Tyrannus melancholicus, 356, 434, 517
 m. couchii, 440
- van der Klaauw, C. J., Projections, deep-
 enings and undulations of the surface
 of the skull in relation to the attach-
 ment of muscles (rev.), 458–459
- Van Vleck, Sarita, Growing wings (rev.),
 237

- Vaurie, Charles, special review by, 238—241; reviews by, 563, 563—565
- Verdin, 358, 359
- Vermivora celata, 355
 chrysotera, 53—64
 peregrina, 53, 56, 57, 354, 358
 pinus, 53—64, 428
 pinus × chrysotera, 428
 ruficapilla, 355
 virginiae, 356
- Vermont, 86
- Vireo, Bell's, 89, 90, 356
 Red-eyed, 89, 90, 356, 359, 529—531
 Solitary, 90
 Warbling, 355
 White-eyed, 97, 529—531
- Vireo, 90
 bellii, 89
 b. bellii, 356
 b. pusillus, 356
 gilvus, 355
 griseus, 97, 530
 olivaceus, 89, 354, 356, 530
 o. caniviridis, 356
- Vireosylva, 90
- Virginia, 437
- Voice,
 Calidris ferruginea, 366
 Campethophilus imperialis, 77
 Molothrus, 399—401
 Pardirallus maculatus, 558
 Phaethornis guy, 14
 P. superciliosus, 7
 Pterodroma hasitata, 156
 Somateria fischeri (juv.), 221
 Threnetes ruckeri, 22
- Volatinia jacarina, 516, 517
- Vulture, Black, 517
 Turkey, 517
- Waldbauer, G. P., and J. Hayes, Breeding of the Purple Gallinule in Illinois, 227
- Walkinshaw, Lawrence H., Proceedings of the Eighty-first Stated Meeting of the American Ornithologists' Union, 204—218
- Wallace, George J., see Cahalane, Victor H., *et al.*
- Warbler, Audubon's, 228, 355, 356
 Bay-breasted, 358, 359
- Black-and-white, 358, 359, 517
- Blackburnian, 357, 359
- Blackpoll, 357, 359, 411
- Black-throated Blue, 357, 359, 523
- Black-throated Gray, 355
- Black-throated Green, 55, 358, 359
- Blue-winged, 53—64, 428—430
- Brewster's, 428
- Chestnut-sided, 53, 357, 359, 505—513
- Golden-winged, 53—64, 428—430
- Hermit, 355
- Hooded, 97
- Lawrence's, 428
- MacGillivray's, 355, 356
- Myrtle, 356
- Nashville, 355
- Orange-crowned, 355
- Palm, 357, 359, 505—513
- Parula, 358, 359, 505—513
- Prairie, 357, 359
- Prothonotary, 505—513
- Tennessee, 53, 358, 359
- Townsend's, 355
- Virginia's, 356, 359
- Wilson's, 228, 355
- Worm-eating, 96, 97, 358, 359
- Yellow, 53, 355
- Warner, Dwain W., see Robinson, Gerald G., and—
- Waterston, George, see Brown, Philip, and—
- Watson, George E., Richard L. Zusi, and Robert W. Storer, Preliminary field guide to the birds of the Indian Ocean (rev.), 101—102
- Weaver, Baya, 46
- Weaverbird, Village, 42—52
- Weeden, Robert B., Spatial separation of sexes in Rock and Willow ptarmigan in winter, 534—541
- Weight of birds,
 Anas platyrhynchos, 164—169
 Calidris ferruginea, 262, 263
 Dendroica palmarum, 357
 D. pensylvanica, 357
 D. striata lurida, 357
 Falco mexicanus, 343
 Phaetusa simplex, 443
 Pipilo erythrrophthalmus, 482, 487, 488, 489, 491, 493, 495

- P. ocai*, 489, 490, 492, 493, 494
Progne dominicensis, 443
Setophaga ruticilla, 358
Synthliborhamphus antiquum, 443
Zenaidura macroura, 233
Weight (day-old chicks),
 Anas crecca, 291
 A. penelope, 291
 A. platyrhynchos, 291
 Aythya ferina, 291
 A. fuligula, 291
 Bucephala clangula, 291
 Melanitta fusca, 291
 Mergus merganser, 291
 M. serrator, 291
 Somateria mollissima, 291
Wetmore, Alexander, and J. I. Borrero H.,
 Description of a race of the Double-striped Thick-knee (Aves, family Burhinidae) from Colombia, 231-233
Wetmorethraupis, 125
sterrhopteron, 125-130
White, C. M. N., A revised check list of
 African flycatchers, tits, tree creepers, sunbirds, white-eyes, honey eaters, buntings, finches, weavers and waxbills (rev.), 565-566
Widow Pepoaza, 187
Wildenthal, Joyce L., review by, 100
Williams, J. G., A field guide to the birds
 of east and central Africa (rev.),
 451-452
Wilsonia citrina, 97
 pusilla, 228, 355
 Wingate, David B., Discovery of breeding
 Black-capped Petrels on Hispaniola,
 147-159; Some records from Ber-
 muda affecting the A.O.U. Check-list,
 442-443
Wing-flashing, 91
Woodpecker, Downy, 523
 Imperial, 74-81
 Ivory-billed, 74, 76, 77, 420
Wood Pewee, Eastern, 529-531
Wren, Carolina, 529-531
Wydoski, Richard S., Seasonal changes in
 the color of Starling bills, 542-550
Wyoming, 346
Xanthocephalus xanthocephalus, 315
Xanthornus, 202
 decumanus, 202
Xema sabini, 228
Xolmis irupero, 187, 188
Yellowthroat, 56, 529-531
 Gray-crowned, 559
 Olive-crowned, 559
Yocom, Charles F., Waterfowl wintering
 in the Marshall Islands, southwest
 Pacific Ocean, 441-442
Zarhynchus wagleri, 394
Zenaida asiatica, 517
Zenaidura macroura, 233
Zonotrichia leucophrys, 30, 96
 leucophrys gambelii, 96
Zusi, Richard L., see Watson, George E.,
et al.

DATE OF ISSUE (Vol. 81, No. 4): October 28, 1964.