

INDEX TO VOLUME 79

Compiled by L. R. Wolfe

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

- Abnormality,
 Aix sponsa, 712
 Zenaidura macroura carolinensis, 278
- Accipiter cooperii, 613
- Actitis macularia, 5, 57, 708
- Aegithina, 432
- Aegypius monachus, 275
- Agapornis, 458
- Agelaius, 65
 phoeniceus, 80, 85–88, 100, 111, 438,
 456, 689
 phoeniceus phoeniceus, 653
 tricolor, 459
- Aimophila ruficauda connectens, 10
- Aix sponsa, 712
- Ajaia ajaja, 4
- Alabama, 273
- Alaska, 280
- Alaudidae, 432
- Albatross, Black-footed, 365–386, 517–567
 Buller's, 525, 526, 529
 Laysan, 365–386, 517–567
 Light-mantled Sooty, 517
 Royal, 365, 517, 521, 526, 562
 Short-tailed, 365–367
 Wandering, 562
 Yellow-nosed, 517
- Albert, Thomas F., the effect of DDT on
 the sperm production of the Domestic
 Fowl, 104–107
- Alcedinidae, 431
- Alectoris graeca, 99
- Allen, Ted T., see Birkenholz, Dale E.,
 and—
- Allenia, 70
 fusca, 71
- Amandava amandava, 483
- Amazilia rutila rutila, 6
- Amazona albifrons nana, 5
- Ammospiza, 438
 maritima, 456
- Anas bahamensis, 56
 benedeni, 706, 707
 cyanoptera septentrionalium, 271, 484
 creccoides, 706, 707
 discors, 56
 discors discors, 484
 platyrhynchos, 99, 484
 rubripes, 456
 strepera, 484
 wyvilliana, 477
- Anatidae, 707
- Anatomy, 117, 126, 291, 425–443, 485, 500,
 641, 709–711, 746
- Anhinga anhinga, 114
 rufa, 114
- Anhingidae, 114
- Ani, Groove-billed, 5
 Smooth-billed, 54, 59
- Anous stolidus, 58
- Anseriformes, 99, 270, 707
- Anthracoceros malabaricus, 709
- Anthracothorax dominicus, 59, 65, 66
- A.O.U.,
 Amendment of the By-laws, 247
 Awards, 247, 301
 Committees, 1961–1962, 258
 Report of Bird Protection Committee,
 463–478
 Reports of Committees, 249
 Report of Research Committee, 263
 Resolutions, 1961, 257
 Seventy-ninth stated meeting, 247–259
 Treasurer's report, 1960–1961, 259–262
- Aptenodytes patagonica, 158
- Aquila chrysaetos, 485
 verreauxii, 275
- Aratinga holochlora strenua, 5
 pertainax, 65
- Archilochus colubris, 112
- Ardea herodias, 55, 708
- Arizona, 119, 271
- Artamidae, 432
- Asio flammeus, 715
- Atlapetes leucoptera, 311
 rufinucha, 311
- Austin, Oliver L., Jr., birds of the world
 (rev.), 288
- Aviculture, 12–30
- Awards,

- Brewster Memorial, 247
 Student membership, 1962, 301
- Aythya affinis*, 708
americana, 484
fuligula, 482
- Baird, James, Ash-throated Flycatcher in Rhode Island, 272
- Baker, William K., and Emmet R. Blake, additional evidence of Rivoli's Hummingbird in Colorado, 481
- Baldwin, D. H., and James Woodford, first Townsend's Solitaire collected in Ontario, 706
- Bananaquit, 54, 61, 67
- Bartlett, L. M., see Wetherbee, David Kenneth, and—
- Basileuterus, 311
- Batts, H. Lewis, Jr., wing-flashing motions in a Catbird, 112
- Behavior, 31-43, 89-98, 112, 126-128, 143-152, 158, 282, 291, 310-344, 484, 489 (rev.), 500-504, 517-567, 568-595, 597, 601, 607-632, 645, 649-654, 655-686, 687-697, 702-705, 711, 712, 713, 718, 719, 746
- Belgium, 706
- Bellrose, F. C., T. C. Scott, A. S. Hawkins, and J. B. Low, sex ratios and age ratios in North American Ducks (rev.), 287
- Berger, Andrew J., review by, 281
- Bernard, Richard F., secondary DDT poisoning in a Sparrow Hawk, 276
- Biology, 122, 130, 139-160, 296, 403, 508-510, 596-606, 748-751
- Bird protection, 463-478
- Birkenholz, Dale E., and Ted T. Allen, possible change in status of Brewer's Blackbird in Florida, 111
- Bittern, Least, 83, 456
- Blackbird, Brewer's, 111
 European, 20
 Red-winged, 80, 85-88, 100, 111, 456, 653, 689
 Tricolored, 459
- Blake, Emmet R., see Baker, William K., and—
- Bobolink, 208-233
- Bobwhite, 99
- Spot-bellied, 5
- Bock, Walter J., the pneumatic fossa of the humerus in the passerines, 425-443
- Bolen, Eric G., a mandibular abnormality in the Wood Duck, 712
- Bombycillidae, 432
- Booby, Brown, 55
 Masked, 265
 Red-footed, 265
- Bowes, Anne LaBastille, and C. V. Bowes, recent census and observations of the Giant Pied-billed Grebe in Guatemala, 707-709
- Bowes, C. V., see Bowes, Anne LaB., and—
- Brant, 458
 Black, 467
- Branta bernicla hrota, 458
- Breeding success,
Macronectes giganteus, 152
Mimus polyglottos, 596-606
- British Columbia, 687-697, 719
- Brockway, Barbara F., scratching the "rear" by Budgerigars (*Melopsittacus undulatus*), 706
- Brodkorb, Pierce, review by, 282; the systematic position of two Oligocene birds from Belgium, 706
- Brodkorb, Pierce, and Elliot W. Dawson, nomenclature of Quaternary coots from Oceanic Islands, 267-269
- Bubo virginianus*, 6
- Bubulcus ibis*, 483
- Bucconidae, 431
- Buceros hydrocorax*, 709-711
- Bucerotidae, 431, 709, 710
- Budgerigar, 706
- Budgerygah, Australian, 345-364
- Bullfinch, 28
- Bunting, Indigo, 10, 400
 Lazuli, 400
 Varied, 10
- Burhinus bistriatus*, 3
- Bush-tanager, Brown-capped, 310-344, 665, 672, 673, 679, 680, 681, 685
 Sooty-capped, 310-344
- Buss, Irvén O., review by, 123
- Buteo, albicaudatus*, 3
jamaicensis, 4, 54, 56
magnirostris, 4

- nitidus micrus, 4
platypterus, 65, 714
Buteogallus anthracinus, 4
Butorides virescens, 4, 56, 83, 99, 121, 708
 virescens cubanus, 56
 virescens maculatus, 56
 virescens virescens, 56
- Cade, Tom J., ecology of the Peregrine and Gyrfalcon populations in Alaska (rev.), 280
Cade, Tom J., and John A. Dybas, Jr., water economy of the Budgerygah, 345-364
- California, 275, 482, 483, 714
Callaeidae, 432
Calliste, 644
Calocitta formosa pompata, 8
Calyptocichla, 432
Calyptophilus, 643, 645
 frugivorus, 641, 642
Campephagidae, 432
Camptostoma imberbe, 3
Campylorhynchus rufinucha castaneum, 8
Canada,
 British Columbia, 687-697, 719
 Ontario, 706, 715, 718
Canary, Domesticated, 458-462
Cannibalism, 715
Cantwell, Robert Alexander Wilson: naturalist and pioneer (rev.), 285-287
Capitonidae, 431
Caprimulgus ridgwayi troglodytes, 6
Caracara, 4, 72
Cardinal, 100, 354, 643, 644, 713
Carduelis carduelis, 460
Carib, Green-throated, 54, 59, 67, 69, 70, 74
Carpodacus mexicanus, 12, 361, 485, 714
 purpureus, 394
Casmerodius albus, 56, 99, 118, 121, 708
Cassidix mexicanus mexicanus, 9
 mexicanus prosopidicola, 77-84
Catbird, 100, 112, 116, 629
Cathartes aura aura, 4
Catharus, 614, 618
Catoptrophorus semipalmatus, 58, 117
Centropus sinensis, 711
Centurus aurifrons santacruzii, 7
 carolinus, 118
- Cephus columba, 689
Ceratogymna atrata, 709
Certhiidae, 432
Chaetura vauxi richmondi, 6
Chaffinch, 14, 27, 28, 29, 613, 614, 618
 European, 695
Chamaea, 432
 fasciata, 719
Chamaethlypis, 265-267
 poliocephala, 265
 poliocephala poliocephala, 266
 poliocephala caninucha, 9, 266
 poliocephala ridgwayi, 266
Charadriiformes, 99
Charadrius collaris, 5
 vociferus, 57
 vociferus ternominatus, 57
 wilsonia, 57
Chat, Ground, 9, 265
 Yellow-breasted, 9, 265, 718
Chat-Tanager, Hispaniolan, 641, 642
Chen caerulescens, 458
 hyperborea, 718
Chickadee, Black-capped, 719
 Carolina, 100
Chicken, Prairie, 471
Chloris chloris, 460
Chloroceryle americana septentrionalis, 7, 708
Chlorophonia, 646
Chlorospingus, 656
 ophthalmicus, 665, 685
 ophthalmicus novicius, 310-344
 pileatus, 310-344
Chlorostilbon, 65
 canivetii osberti, 6
Chordeiles acutipennis micromeris, 6
 minor, 65, 66
Chukar, 99, 100
Chura, Nicholas J., observations of drakes accompanying hens with brood, 484; behavior of a California Gull feeding on a large Mallard duckling, 484
Ciconiiformes, 99
Cinclidae, 432
Cinlocerthia, 70
Circus cyaneus, 3, 54, 56
Cirhocephala, 307
Cissilopha melanocyanea melanocyanea, 8
Clapp, Roger, see Dunham, David, and—

- Clark, Eugenie, see Saunders, George B., and—
- Coccythraustes, 429-434
- Coccyzus americanus, 54, 59, 118
 minor, 54, 59, 67
- Coereba flaveola, 54, 61
- Coerebidae, 646
- Colaptes, 400, 407
 auratus, 32, 277, 458
- Coliidae, 431
- Colinus leucopogon, 5
 virginianus, 65, 99
- Collias, Elsie C., see Collias, Nicholas E., and—
- Collias, Nicholas E., review by, 279
- Collias, Nicholas E., and Elsie C. Collias, an experimental study of the mechanisms of nest building in a weaver-bird, 568-595
- Collins, Charles T., review by, 491
- Colorado, 481
- Columba leucocephala, 54, 58
 livia, 5, 99
 squamosa, 54, 58
- Columbiformes, 99
- Columbigallina passerina, 54, 59, 67
 passerina pallescens, 5
- Columbina inca, 270
 passerina passerina, 269
- Colymbus dominicus, 708
 nigricollis, 708
- Condor, Andean, 275
- Conopophagidae, 431
- Conopophila, 432
- Conservation, 297, 463-478, 510
- Contopus latirostris, 65
 sordidulus veliei, 8
- Conurus pertinax, 52
- Conway, William G., the weights of 11 living eagles and vultures at the New York Zoological Park, 274
- Coot, American, 83, 708
 Caribbean, 52, 57
 Hawaiian, 477
- Copulation,
 Chlorospingus ophthalmicus, 334-337
 Macronectes giganteus, 147
 Ramphocelus dimidiatus, 674-679
 Sphyrapicus varius, 36
- Coraciidae, 431
- Coragyps atratus, 4, 486
- Corvidae, 426, 429, 432
- Corvus, 428, 433, 434
 brachyrhynchos, 689
 corax, 8
 cornix, 420
 corone, 420
 leucognaphalus, 65
 monedula, 427
- Coryphospingus pileatus, 270
- Costa Rica, 633-639
- Cotingidae, 431
- Cottam, Clarence, Ira N. Gabrielson, H. Albert Hochbaum, Robert A. McCabe, David A. Munro, and Richard Pough, report to the American Ornithologists' Union by the committee on bird protection, 1961, 463-478
- Coturnicops noveboracensis, 698-701
- Coturnix chinensis, 479
- Cowbird, Bronzed, 9
 Brown-headed, 85-88, 100, 111, 116, 614, 629, 649-654
 Glossy, 63
- Cracticidae, 432
- Crane, Lesser Sandhill, 467
 Manchurian, 477
 Whooping, 475, 486
- Crossbill, Red, 270
- Crotophaga ani, 54, 59
 sulcirostris sulcirostris, 5
- Crypturellus cinnamomeus, 486, 487
- Csörgey, Titus, obituary of, 742
- Cuckoo, Mangrove, 54, 59
 Squirrel, 5
 Yellow-billed, 54, 59, 65, 72, 118
- Curlew, Eskimo, 3, 474
 Long-billed, 474
- Curry-Lindahl, Kai, Våra Fåglar i Norden, Vol. III (revised edition) (rev.), 728
- Cyanocitta cristata, 100
- Cypseloides rutilus brunneitorques, 6
- Daption capensis, 148
- Darling, Lois and Louis, Bird (rev.), 727
- Dawson, Elliot W., see Brodkorb, Pierce, and—
- DDT, effect of, 104-107, 276
- Deignan, Herbert G., proceedings of the seventy-ninth stated meeting of the

- American Ornithologists' Union, 247-257
- Delaware, 453-457
- Delichon urbica*, 234
- Dendrocygna bicolor*, 270
- Dendroica adelaidae*, 65, 66
- caerulescens*, 54, 62
- castanea*, 618
- cerulea*, 617, 629
- coronata*, 3, 62, 100, 394, 712, 713
- discolor*, 54, 62
- fusca*, 628
- kirtlandii*, 173-182, 719
- magnolia*, 9, 54, 61, 610, 617, 628
- nigriscens*, 719
- palmarum*, 713
- petechia*, 54, 61, 67
- petechia aestiva*, 9
- pinus*, 713
- striata*, 62
- tigrina*, 54, 61
- townsendi*, 9
- virens*, 54, 62, 610, 628
- Dendrocolaptidae*, 431
- Dendrocopos pubescens*, 41
- villosus*, 41
- Dew bathing, 719
- Dicaeidae, 432, 440, 640
- Dickcissel, 85-88, 115
- Dicruridae, 432
- Dilger, William C., review by, 489
- Diomedea albatrus*, 365-367
- brachyura*, 379
- chlororhynchos*, 517
- epomophora*, 365, 517
- exulans*, 159, 562
- immutabilis*, 365-386, 517-567
- nigripes*, 365-386, 517-567
- Disease of birds, 99-103, 114, 292, 504, 746
- Distribution, 1-11, 53-73, 111, 119, 120, 128, 270-272, 293, 365-386, 481, 482, 483, 504-506, 706, 714
- Dolichonyx oryzivorus*, 208-233
- Donacobius*, 641, 643, 645
- Dove, Bridled Quail, 54, 59, 64, 67, 69, 70, 73
- Common Ground, 5
- Ground, 54, 59, 67, 269
- Inca, 5, 270
- Key West Quail, 70
- Mourning, 5, 72, 77, 85-88, 99, 278, 361
- Ringed, 269
- Rock, 5
- Ruddy Quail, 69, 72
- White-fronted, 5
- White-winged, 5, 72, 77
- Zenaida, 54, 58
- Dow, Douglas D., first Canadian record of Virginia's Warbler, 715
- Dowitcher, Common, 3
- Drent, R. H., and C. J. Guiguet, a catalogue of British Columbia seabird colonies (rev.), 276
- Drury, William H., Jr., review by, 283, 726
- Dryocopus lineatus similis*, 7
- pileatus*, 42
- Duck, Bahama, 56
- Baldpate, 3, 708
- Black, 456
- Blue-winged Teal, 56, 484
- Canvasback, 465, 466
- Cinnamon Teal, 271, 484
- Eider, 467
- Fulvous Tree, 270
- Gadwall, 484
- Greater Scaup, 467
- Hawaiian, 476
- Laysan Teal, 477
- Lesser Scaup, 708
- Mallard, 484
- Masked, 271, 476
- New Mexican, 475
- Old Squaw, 467
- Pintail, 467
- Redhead, 465, 466, 484
- Ruddy, 56, 465, 484
- Shoveler, 484
- Tufted, 482
- Wood, 466, 712
- White Pekin, 99, 100
- Dulus, 432
- Dumetella*, 637, 643, 644
- carolinensis*, 100, 112, 116, 629
- Duncan, Stewart, wasp attack on a Flicker, 277
- Dunham, David, and Roger Clapp, the effects of exogenous gonadotrophins and egg removal on clutch size in

- the Domesticated Canary, *Serinus canarius*, 458-462
- Dunn, Frederick L., *Stegophorus stellae-polaris* (Acuariidae: Nematoda) in the Pacific Fulmar, 275
- Dybas, John A., Jr., see Cade, Tom J., and—
- Eagle, Bald, 471-473, 712, 716-718
 Bateleur, 275
 Crowned, 275
 Golden, 277, 472, 473, 485
 Harpy, 275
 Martial, 275
 Monkey Eating, 477
 Solitary, 3
 Verreaux's, 275
 Vulturine Sea, 275
 White-tailed Sea, 275
- Easterla, David A., foods of Le Conte's Sparrow, 272
- Ecology, 41-50, 63, 130, 284, 294, 360-362, 455-457, 489 (rev.), 506, 723 (rev.), 729 (rev.), 747
- Eells, Murray M., Loggerhead Shrike kills House Finch, 714
- Egg tooth, 117
- Egret, Cattle, 483
 Common, 56, 99, 118, 121, 708
 Reddish, 473
 Snowy, 99, 121
- Eider, King, 270, 271
- Eisenmann, Eugene, on the genus "*Chamaethlypis*" and its supposed relationship to *Icteria*, 265-267; on the systematic position of *Rhodinocichla rosea*, 640-648
- Elaenia, Caribbean, 54, 60, 67, 69, 70
- Elaenia flavogaster, 72
 martinica, 54, 60, 66
- Emberiza, 613
- Emberizinae, 438, 618
- Embryology, 126, 291, 500
- Emerald, Fork-tailed, 6
- Empidonax flaviventris, 719
 minimus, 8
 traillii, 719
 virescens, 3
- Empidonomus varius, 108, 111
- Enderson, James H., three unusual raptor records from Wyoming, 714
- Erickson, Arnold Bertram, obituary of, 743
- Erolia minutilla, 3
- Estrildidae, 432
- Eudocimus albus, 99
- Eudyptes chrysolophus schlegeli, 158
- Eugenes fulgens, 481
- Eulabes, 427-429
- Eumomota superciliosa vanrossemi, 7
- Euphagus cyanocephalus, 111
- Euphonia, Blue-hooded, 9
- Euplectes, 407
- Eurylaimidae, 431
- Eurystomus orientalis, 711
- Euthlypis lachrymosa, 119
- Evolution, 295, 507, 748
- Fabricius, Eric, an introduction to the study of animal behavior patterns (rev.), 282
- Falco columbarius, 54, 57
 columbarius richardsonii, 714
 mexicanus, 714
 peregrinus, 277
 peregrinus anatum, 714
 sparverius, 54, 57, 276
 sparverius sparverius, 5
- Falcon, Laughing, 4
 Peregrine, 277, 714
 Prairie, 714
- Farner, Donald S., review by, 727, 728, 729
- Fat deposition, 387-398
- Feinstein, Bernard, additional cases of bilobated kidneys in the hornbills, 709-711
- Ficken, Millicent S., agonistic behavior and territory in the American Redstart, 607-632
- Ficken, Millicent S., and Robert W. Ficken, some aberrant characters of the Yellow-breasted Chat, *Icteria virens*, 718
- Ficken, Robert W., see Ficken, Millicent S., and —
- Finch, House, 12, 13, 361, 485, 714
 Purple, 394
 Zebra, 675
- Flicker, 32, 41, 458

- Yellow-shafted, 277
Florida, 111, 270, 282, 713, 716-718
Florida caerulea, 4, 56, 99, 121
Flycatcher, Acadian, 3
 Ash-throated, 3, 272
 Beardless, 3
 Boat-billed, 7
 Fork-tailed, 3
 Great Crested, 7
 Great Kiskadee, 7
 Least, 8
 Lesser Kiskadee, 111
 Nutting's, 3
 Olive-sided, 120
 Pied, 695
 Scissor-tailed, 7
 Stolid, 54, 60, 67-69, 73
 Sulphur-bellied, 7
 Traill's, 719
 Wied's Crested, 8
 Yellow-bellied, 719
 Yellow-olive, 8
Food habits,
 Ictinia mississippiensis, 273
 Leucopternis albicollis, 488
 Macronectes giganteus, 157
 Passerherbulus caudacutus, 272
 Podilymbus gigas, 708
 Rhodinocichla rosea, 635
Formicariidae, 431
Fowl, Guinea, 99
 Red Jungle, 479-481
Frankowiak, Robert G., Mourning Dove
 with three legs, 278
Fregata magnificens, 55
Fregilupus, 426
Frick, George Frederick, and Raymond
 Phineas Stearns, Mark Catesby; the
 Colonial Audubon (rev.), 124
Friedmann, Herbert, the Parasitic Weaver-
 birds (rev.), 279
Frigate-bird, Magnificent, 55
Fringilla coelebs, 14, 613, 695
Fringillidae, 432
Fulica americana, 83, 708
 caribaea, 52, 57
 chathamensis, 267, 268
 newtoni, 267, 268
 prisca, 268
Fulmar, Antarctic, 150
 Atlantic, 147, 150, 155, 158, 275
 Pacific, 275
Fulmarus glacialis, 147
 glacialis, 143, 148, 154
 glacialis glacialis, 275
 glacialis rogersii, 275
Furnariidae, 431, 634

Gabrielson, Ira N., see Cottam, Clarence,
 et al.; obituary by, 495-499
Galbulidae, 431
Galliformes, 99
Gallinula chloropus, 57, 83
Gallinule, Common, 57, 83
 Hawaiian, 476
 Purple, 83, 483
Gallirallus australis, 149
Gallus domesticus, 99
 gallus, 460, 479
 gallus gallus, 479
 gallus philippensis, 479-481
Gamporhynchus, 432
Gannet, Australian, 477
Gauthreaux, Sidney A., Jr., winter speci-
 men of the Philadelphia Vireo, 120
Gaymer, Rosemary, behavior during mi-
 gratory departure of White-throated
 Sparrows, 711
Genetics, 295, 507, 748
Geococcyx velox affinis, 6
Geothlypis, 265-267
 aequinoctialis, 266
 aequinoctialis aequinoctialis, 266
 aequinoctialis auricularis, 266
 aequinoctialis peruvianus, 266
 flavovelata, 266
 nelsoni nelsoni, 266
 poliocephala, 267
 semiflava, 266
 semiflava bairdi, 266
 trichas, 266, 718
Geotrygon chrysis, 70
 montana, 65, 69
 mystacea, 54, 59, 66, 70
Geroudet, Paul, see Glutz von Blotzheim,
 Urs N., *et al.*
Glaucidium brasilianum ridgwayi, 6
Glutz von Blotzheim, Urs N., Paul Ger-
 oudet, Martin Schwarz, and Peter
 Grünig, die Brutvögel der Schweiz

- (rev.), 727
 Gnatcatcher, Blue-gray, 617
 White-lored, 8
 Goldfinch, Lesser, 10
 Gonad, size, 390
 Gonadal recrudescence, 387-398
 responses, 161-172
 Gonadotrophin, 458-462
 Goose, Cackling, 467
 Emperor, 467
 Great Basin Canada, 476
 Hawaiian, 476
 Lesser Canada, 467
 Ross', 476
 Snow, 458, 718
 White-fronted, 467
 Gould, Patrick J., review by, 490
 Grackle, Boat-tailed, 9, 77-84
 Common, 100, 111, 613
 Purple, 653
 Grallinidae, 432
 Granatellus, 267, 646
 Grassquit, Black-faced, 54, 63
 Blue-black, 10
 Grebe, Eared, 708
 Giant Pied-billed, 707-709
 Least, 55, 83, 708
 Pied-billed, 55, 83, 707
 Grosbeak, Black-headed, 399-424, 644
 Blue, 9
 Rose-breasted, 9, 399-424, 644
 Yellow, 3
 Ground Chat, 9, 265
 Ground-Cuckoo, Lesser, opp. 1, 6
 Grünig, Peter, see Glutz von Blotzheim,
 Urs N., *et al.*
 Grus americana, 486
 Guatemala, 1-11, 707-709
 Guiguet, C. J., see Drent, G. H., and—
 Guillemot (Murre), Brünnich's, 275
 Pigeon, 689
 Guiraca caerulea chiapensis, 9
 caerulea, lazula, 9
 Gull, Black-headed, 89, 96, 307
 Brown-headed, 303
 California, 484
 Dominican, 158
 European Black-headed, 89
 Glaucous-winged, 689
 Great Black-backed, 303
 Herring, 89, 92-96
 Laughing, 58, 89-98, 708
 Little, 306
 Ring-billed, 93-95
 Gymnstinops, 438
 Gypohierax angolensis, 275
 Habia, 642
 Haematopus palliatus, 57
 Hailman, Jack P., pecking of Laughing
 Gull chicks at models of the parental
 head, 89-98
 Halcyon smyrensis, 710
 Haliaeetus albicilla, 275
 leucocephalus, 712, 716-718
 Hamilton, William J., III, Bobolink mi-
 gratory pathways and their experi-
 mental analysis under night skies,
 208-233
 Harpia harpyja, 275
 Harpyhaliaetus solitarius, 3
 Harrison, Wm. I., the first record of the
 Rufous-backed Robin in the United
 States, 271
 Hawaiian Archipelago, 365-386, 517-567
 Hawk, American Sparrow, 5
 Broad-winged, 714
 Common Black, 4
 Cooper's, 613
 Gray, 4
 Great Black, 3
 Marsh, 3, 54, 56
 Mexican White, 488
 Pigeon, 54, 57
 Red-tailed, 4, 54, 56
 Richardson's Pigeon, 714
 Roadside, 4
 Sparrow, 54, 57, 276
 White-tailed, 3
 Hawkins, A. S., see Bellrose, F. C., *et al.*
 Hay, John, nature's year, the seasons of
 Cape Cod (rev.), 283
 Heleodytes, 432
 Heliomaster constanti leccadiae, 6
 Helmitheros vermivorus, 54, 61
 Hematology (rev.), 281
 Hemignathus lucidus hanapepe, 477
 procerus, 477
 Hergenrader, Gary L., the incidence of
 nest parasitism by the Brown-headed

- Cowbird (*Molothrus ater*) on roadside nesting birds in Nebraska, 85-88
- Herklots, G. A. C., the birds of Trinidad and Tobago (rev.), 491
- Herman, Carlton M., the role of birds in the epizootiology of eastern encephalitis, 99-103
- Heron, Black-crowned Night, 56, 99, 121
- Great Blue, 55, 708
- Green, 4, 56, 83, 99, 121, 708
- Little Blue, 4, 56, 99, 121
- Louisiana, 56, 99
- Yellow-crowned Night, 56, 99, 121
- Herpetotheres cachinnans chapmani, 4
- Himantopus himantopus knudseni, 477
- mexicanus, 58
- Hirundinidae, 429, 432, 640
- Hirundo rustica, 54, 60, 234
- rustica erythrogaster, 8, 117
- Hochbaum, H. Albert, see Cottam, Clarence, *et al.*
- Homing, of birds, 234-246, 649-654
- Honeycreeper, Red-legged, 72
- Hornbill, Gray, 709
- Howell, Joseph C., the 1961 status of some Bald Eagle nest sites in east-central Florida, 716-718
- Hudson, George E., review by, 721, 726
- Huey, Laurence M., Purple Gallinule strays to Southern California, 483; comparison of the weight-lifting capacities of a House Finch and a Golden Eagle, 485
- Humerus in passerines, 425-443
- Hummingbird, Antillean Crested, 54, 60, 67, 69, 70, 74
- Blue-throated, 482
- Broad-tailed, 482
- Cinnamon, 6
- Rivoli's, 481
- Ruby-throated, 112
- Rufous, 482, 689
- Hundley, Margaret Haskell, and C. Russell Mason, new species reported for the Netherlands Antilles, 120
- Hybridization,
- Larus brunnecephalus \times ichthyaetus, 303-309
- Pheucticus ludovicianus \times melanocephalus, 399-424
- Hydranassa tricolor, 56, 99
- Hydrobates pelagicus, 275
- Hydrocoleus, 307
- Hylocichla, 618
- fuscescens, 629
- guttata, 100
- mustelina, 100, 629
- Hylophilus flavipes, 270
- Hypomorphnus urubitinga, 3
- Hypositta, 432
- Ibis, Giant, 477
- Glossy, 120
- White, 99
- Wood, 4, 473
- Icteria, 265-267
- virens, 718
- virens virens, 9
- Icteridae, 432, 438, 642, 646
- Icterus, 65
- bullockii, 400
- galbula, 112, 400, 629
- gularis xerophilus, 9
- icterus, 63, 65
- pectoralis, 9
- sclateri alticola, 9
- Ictinia mississippiensis, 273
- Incubation period,
- Cassidix mexicanus prosopidicola, 77-84
- Diomedea immutabilis, 541
- Diomedea nigripes, 541
- Phasianus colchicus torquatus, 702-705
- Macronectes giganteus, 150
- Mimus polyglottos, 599
- India (rev.), 720
- Indicatoridae, 431, 640
- Ingram, Collingwood, cannibalism by nesting Short-eared Owls, 715
- Irenidae, 432
- Iridoprocne bicolor, 3
- Ixobrychus exilis, 83, 456
- Jackdaw, 427
- Jaeger, Parasitic, 483
- Jameson, E. W., Jr., review by, 284
- Jamroz, Casimir, see Lucas, Alfred M., and—
- Japan, 284
- Jay, Blue, 100
- Bushy-crested, 8

- Magpie, 8
- Johnsgard, Paul A., review by, 287
- Johnston, David W., lipid deposition and gonadal recrudescence in response to photoperiodic manipulations in the Slate-colored Junco, 387-398
- Johnston, Richard F., precocious sexual competence in the Ground Dove, 269
- Junco, Oregon, 12-30, 394
- Slate-colored, 161-171, 387-398
- Junco, 387
- hyemalis, 161, 387, 389
- hyemalis carolinensis, 389
- hyemalis cismontanus, 389
- hyemalis hyemalis, 389
- oreganus, 12-30, 389, 394
- oreganus montanus, 395
- Junglefowl, Red, 479-481
- Kellogg, Peter Paul, vocalizations of the Black Rail (*Laterallus jamaicensis*) and the Yellow Rail (*Coturnicops noveboracensis*), 698-701
- Kendeigh, S. Charles, report of the research committee for 1961, 263; animal ecology (rev.), 723-726
- Kenyon, Karl W., see Rice, Dale W., and—
- Kessler, Francis, measurement of nest attentiveness in the Ring-necked Pheasant, 702-705
- Kidney, bilobated, 709-711
- Kilham, Lawrence, breeding behavior of Yellow-bellied Sapsuckers, 31-43
- King, James R., review by, 727
- Kingbird, Cassin's, 3
- Eastern, 100
- Gray, 54, 60
- Tropical, 7
- Western, 7
- Kingfisher, Belted, 60, 708
- Green, 7, 708
- Kinglet, Golden-crowned, 719
- Ruby-crowned, 100, 713
- Kiskadee, see Flycatcher
- Kite, Mississippi, 273
- Kreith, Marcia, see Marler, Peter, and—
- Lampornis clemenciae, 482
- Land, Hugh C., a collection of birds from the arid interior of eastern Guatemala, 1-11
- Laniidae, 432
- Lanius, 212
- ludovicianus, 714
- Lanyon, Wesley E., specific limits and distribution of meadowlarks of the desert grasslands, 183-207; review by, 722
- Laridae, 555, 707
- Larus, 430, 439
- argentatus, 89, 307
- atricilla, 58, 89-98, 708
- brunnicephalus, 303-309
- californicus, 484
- delawarensis, 94
- dominicanus, 158
- fuscus, 307
- glaucescens, 689
- glaucoides, 307
- hemprichii, 307
- hyperboreus, 307
- ichthyæetus, 303-309
- ichthyæetus × brunnicephalus, 309
- leucophthalmus, 307
- marinus, 307
- melanocephalus, 303-309
- melanocephalus relictus, 303
- minutus, 304, 306
- raemdonckii, 707
- relictus, 303-309
- ridibundus, 89, 304-309
- Laskey, Amelia R., breeding biology of Mockingbirds, 596-606
- Laterallus jamaicensis, 698-701
- Lawrence, Louise de Kiriline, a noteworthy reverse migration of Snow Geese in central Ontario, 718
- Leistes militaris superciliaris, 646
- Leptotila verreauxi fulviventris, 5
- Leucophoyx thula, 99, 121
- Leucopternis albicollis ghiesbreghtii, 488
- Levy, Seymour H., the first record of the Fan-tailed Warbler in the United States, 119
- Ligon, J. Stokley, New Mexican birds and where to find them (rev.), 490
- Life history,
- Cassidix mexicanus prosopidicola, 77-84
- Diomedea immutabilis, 517-567

- Diomedea nigripes*, 517-567
Macronectes giganteus, 139-160
Mimus polyglottos, 596-606
Limnodromus griseus, 3
Lincoln, Frederick C., obituary of, 495-499
Lint, Kenton C., Cattle Egret expands range, 483
Lloyd, Gary D., see White, Clayton M., and—
Longevity,
 Mimus polyglottos, 601-604
 Molothrus ater ater, 652
Louisiana, 120, 483
Low, J. B., see Bellrose, F. C., *et al.*
Loxia curvirostra, 270
Loxigilla, 65
Loxops coccinea ochracea, 477
 maculata maculata, 477
Lucas, Alfred M., and Casimir Jamroz, atlas of avian hematology (rev.), 281

Mackenzie, Locke, the birds of Guilford, Connecticut (rev.), 726
Macquarie Island, 139-160
Macronectes giganteus, 139-160
Malia, 432
Management, 297, 510
Mango, Antillean, 59, 65, 67, 68, 69, 73
Manwell, Reginald D., the homing of cowbirds, 649-654
Mareca americana, 3, 708
Margarops, 70, 71
 fuscatus, 54, 60, 66, 71
Marler, Peter, Marcia Kreith, and Miwako Tamura, song development in hand-raised Oregon Juncos, 12-30
Martin, House, 234
 Purple, 54, 60, 234
Mason, C. Russell, see Hundley, Margaret Haskell, and—
Mayfield, Harold, the Kirtland's Warbler (rev.), 123; 1961 decennial census of the Kirtland's Warbler, 173-182
Mayr, Ernst, review by, 720
McAtee, Waldo L., obituary by, 730-742
McCabe, Robert A., see Cottam, Clarence, *et al.*
McGeen, Daniel S., and Jean McGeen, Catbird pair accepts cowbird egg and apparently raises young cowbird, 116
McGeen, Jean, see McGeen, Daniel S., and—
McKinley, Daniel, reviews by, 124, 285-287
McKinney, F., an analysis of the displays of the European Eider, *Somateria mollissima mollissima* (Linnaeus) and the Pacific Eider, *Somateria mollissima v-nigra* Bonaparte (rev.), 489
McKinney, Frank, editor, Recent Literature, 126-135, 291-299, 500-516, 746-754
Meadowlark, 85-88
 Common, 9
 Eastern, 86, 100, 183-207
 Western, 86, 183-207
Meanley, Brooke, pellet casting by King and Clapper rails, 113
Meanley, Brooke, and David Kenneth Wetherbee, ecological notes on mixed populations of King Rails and Clapper Rails in Delaware Bay marshes, 453-457
Measurements, of birds,
 Chamaethlypis poliocephala, 266
 Geothlypis flavovelata, 266
 Geothlypis nelsoni nelsoni, 266
 Geothlypis semiflava bairdii, 266
 Laridae, 304
 Myadestes townsendi, 706
 Sturnella magna auropectoralis, 192
 Sturnella magna lilianae, 192
 Sturnella neglecta, 192
Measurement, of eggs,
 Rhodinocichla rosea, 636
Measurement, nest attentiveness, 702-705
Measurement, of ovary,
 Euthlypis lachrymosa, 119
Megaceryle alcyon, 60, 708
Megarynchus pitangua, 109
 pitangua deserticola, 7
 pitangua mexicanus, 7
Melanerpes, 65
 erythrocephalus, 42
 formicivorus, 7
 pctoricensis, 65, 66
Melanotis, 637, 643

- hypoleucus, 634, 643
 Meleagris gallopavo, 99, 444, 452
 Meliphagidae, 432
 Melopsittacus undulatus, 345-364, 706
 Melospiza georgiana, 100
 melodia, 100, 394, 456, 612, 653, 687-697, 719
 melodia morphna, 689
 Menuridae, 431
 Merganser, Hooded, 466
 Meropidae, 431
 Migration, 38, 111, 119, 120, 131, 208-233, 297, 511-513, 751
 Mimidae, 70, 429, 432, 440, 637, 638, 640-647
 Mimocichla plumbea, 65
 Mimus, 643-645
 gilvus gracilis, 8
 gundlachii, 71
 polyglottos, 54, 60, 66, 100, 596-606
 Missouri, 272
 Mitrospingus, 637
 Mniotilta varia, 9, 54, 61
 Mniotiltidae, 267, 637
 Mockingbird, 54, 60, 67, 68, 72, 73, 100, 596-606
 Tropical, 8
 White-breasted Blue, 634
 Moho braccatus, 477
 Molothrus ater, 80, 85-88, 100, 111, 116, 614, 629
 ater ater, 649-654
 bonariensis, 63, 72
 Molt, Macronectes giganteus, 155
 Momotidae, 431
 Momotus mexicanus castaneiceps, 7
 Morococcyx erythropygus erythropygus, 6
 erythropygus macrourus, 6
 Morphology, 641
 Mortality, of young, 80, 601
 Motacillidae, 432, 440, 640
 Motmot, Russet-crowned, 7
 Turquoise-browed, 7
 Moyle, John B., obituary by, 743
 Moynihan, M., display patterns of tropical American "nine-primaried" song birds, I, Chlorospingus, 310-344; display patterns of tropical American "nine-primaried" songbirds, II, some species of Ramphocelus, 655-686
 Mueller, Helmut C., review by, 280
 Munia, Lal, 483
 Spotted, 483
 Munro, David A., see Cottam, Clarence, *et al.*
 Murphy, Joseph R., aggressive behavior of a Bald Eagle, 712
 Murray, J. J., Barn Swallows nesting in the mouth of a cave, 117
 Muscicapa hypoleuca, 695
 Muscipapinae, 432, 641
 Muscivora forficata, 7
 tyrannus, 3
 Muscle, short extensor, 485-488
 Myadestes townsendi, 706
 Mycteria americana, 4
 Myiarchus cinerascens, 3, 272
 crinitus boreus, 7
 nuttingi, 3
 stolidus, 54, 60, 66
 tyrannulus cooperi, 8
 Myioborus, 643
 miniatus, 616
 Myiodynastes luteiventris luteiventris, 7
 Myiozetetes cayanensis, 108-111
 granadensis, 109
 similis, 109-110
 Myology, 425-443, 485-488
 Nebraska, 85-88
 Nectariniidae, 440
 Nematodes, 114, 275
 Nene, 476
Nesophalaris, 268
 chathamensis, 268
 prisca, 268
 Nest attentiveness, 702-705
 Nest building, 568-595
 Nesting survival, 80, 600, 606, 694
 Netherlands Antilles, 120
 New Mexico (rev.), 490
 New York, 120
 Nighthawk, Common, 65, 67-69, 73
 Lesser, 6
 Nightjar, Buff-collared, 6
 Ninox scutulata, 711
 North Carolina, 89-98
 Numenius borealis, 3, 475
 minutus, 474
 Numida galeata, 99

- Nuttallornis borealis, 120
Nyctanassa violacea, 56, 99, 121
Nyctariniidae, 432
Nycticorax nycticorax, 56, 99, 121
Nyctidromus albicollis albicollis, 6
Obituary of, Titus Csörgy, 742; Arnold
Bertram Erickson, 743; Frederick C.
Lincoln, 495-499; Edward Alexander
Preble, 730-742
Ocyrocus [Tockus] griseus, 709
Oklahoma, 115
Ontario, 706, 715, 718
Oporornis formosus, 54, 62, 100
tolmiei, 9
Orians, Gordon H., review by, 122
Oriole, Baltimore, 112, 629
Black-throated, 9
Spotted-breasted, 9
Streak-backed, 9
Oriolidae, 432
Orr, Robert T., vertebrate biology (rev.),
122; the Tufted Duck in California,
482
Orthorhynchus cristatus, 54, 60
exilis, 66
Oscines, 426, 429, 431, 432, 433, 438, 439,
440, 640, 643
Osprey, 56
Otus asio, 100
nudipes, 50, 59, 65, 66
Ovenbird, 54, 62, 628
Overmire, Thomas G., nesting of the
Dickcissel in Oklahoma, 115
Owl, Barn, 6
Barred, 451
Burrowing, 3
Ferruginous Pygmy, 6
Great Horned, 6
Puerto Rican Screech, 50, 59, 65, 67-69,
73
Screech, 99
Short-eared, 715
Owre, Oscar T., nematodes in birds of
the order Pelecaniformes, 114; the
first record of the King Eider, *Soma-*
teria spectabilis (Linnaeus), and the
occurrence of other Anseriformes in
Florida, 270
Oxyura dominica, 271
jamaicensis, 56
jamaicensis rubida, 484
Oystercatcher, American, 57
Palaeolimnas, 268
newtoni, 268
Palaeontology, 133-135, 267-269, 299,
513-516, 706, 754
Palm Tanager, Hispaniolan, 643
Palmer, Ralph S., review by, 124
Palmeria dolei, 477
Paludiphilus, 268
Panama, 310-344
Pandion haliaetus, 56
haliaetus ridgwayi, 57
Panyptila sancti-hieronymi, 3
Paradisaeidae, 432
Parakeet, Grass, 345-364
Green, 5
Parasites, 275, 292, 504, 604, 746
Parasitism,
Agelaius phoeniceus, 85-88
Dumetella carolinensis, 116
Spiza americana, 85-88, 115
Sturnella, 85-88
Toxostoma rufum, 85-88
Paridae, 432, 440
Parkes, Kenneth C., the Red Junglefowl
of the Philippines—native or intro-
duced?, 479-481
Parrot, White-fronted, 5
Parula americana, 3, 54, 61
Parulidae, 267, 642, 643, 646
Parus atricapillus, 719
bicolor, 100
carolinensis, 100
Passer domesticus, 65, 100, 161, 276, 460
montanus, 479
Passerculus sandwichensis, 345, 354
sandwichensis rostratus, 345
Passerella iliaca, 161
Passeres, 425-443, 640
Passerherbulus, 438
caudacutus, 272
Passeriformes, 100, 640
Passerina, 400
cyanea, 10
versicolor purpurascens, 10
Pauraque, 6
Pediocetes, 485-488
phasianellus, 487

- Pelecanidae, 114
 Pelecaniformes, 114
 Pelecanus erythrorhynchus, 114
 occidentalis, 55
 Pelican, Brown, 55
 White, 114
 Pellet casting,
 Rallus elegans, 113
 Rallus longirostris, 113
 Penguin, Fairy, 477
 Gentoo, 141
 King, 158
 Royal, 158
 Perdix perdix perdix, 702
 Pericrocotus, 432
 Petrel, Cape, 150
 Giant, 139–160
 Storm, 275
 Petrochelidon fulva, 65
 pyrrhonota pyrrhonota, 8
 Peucedramus taeniatus, 625
 Pewee, Western Wood, 8
 Pezites militaris, 646
 Phaenicophilus, 643, 645
 Phaeornis palmeri, 477
 Phaëthon aethereus, 55
 lepturus, 55
 Phalacrocoracidae, 114
 Phalacrocorax africanus, 114
 auritus, 689
 auritus auritus, 114
 auritus floridanus, 114
 carbo lugubris, 114
 pelagicus, 689
 Phasianus colchicus, 99
 colchicus torquatus, 702–705
 Pheasant, Ring-necked, 99, 100, 702–705
 Pheucticus aureoventris, 399
 chrysopeplus, 3, 399
 ludovicianus, 9, 399–424, 644
 ludovicianus ludovicianus, 421
 ludovicianus melanocephalus, 421
 melanocephalus, 399–424, 644
 Philemon, 432
 Philippines, 479–481
 Philohela minor, 117
 Phoebetria, 148
 palpebrata, 517
 Phyllostrephus, 432
 Physiology, 132, 298, 425–443, 485–488,
 513, 709–711, 751–754
 Phytotomidae, 431
 Piaya cayana thermophila, 5
 Picidae, 431
 Pigeon, Scaly-naped, 54, 58, 64, 73
 White-crowned, 54, 58
 Pipilo, 400
 erythroptalmus, 12, 100, 645
 fusca, 14
 Pipridae, 431
 Piranga, 643
 flava figlina, 9
 ludoviciana, 407, 644
 olivacea, 100, 407
 rubra, 644
 rubra rubra, 9
 Pitangus lictor, 108–111
 sulphuratus, 108–110, 111
 sulphuratus guatemalensis, 7
 Pittidae, 431
 Plegadis falcinellus, 120
 Ploceidae, 429, 432, 483, 640
 Ploceus cucullatus, 568–595
 philippinus, 483
 Plover, Black-bellied, 57
 Collared, 5
 Wilson's, 57
 Pneumatic fossa, 425, 443
 Podiceps dominicus, 55, 83
 Podilymbus gigas, 707–709
 podiceps, 55, 83, 707
 Poephila guttata, 675
 Polemaëtus bellicosus, 275
 Polioptila albiloris albiloris, 8
 caerulea, 617
 Polyborus cheriway, 4
 Polyplectron emphanum, 479
 Population, 130, 141, 173–182, 180, 294,
 365–386, 506, 716–718, 747
 Porphyryla martinica, 83, 483
 Porzana carolina, 57
 Post, Peter W., Glossy Ibis breeding in
 New York, 120
 Pough, Richard, see Cottam, Clarence,
 et al.
 Preble, Edward Alexander, obituary of,
 730–742
 Predation, 80, 112, 118, 277, 484
 Prionopidae, 432
 Procellariidae, 151, 562, 707

- Procellariiform, 554
Progne, 432
 subis, 54, 60, 234
Prunellidae, 432
Pseudonestor xanthophrys, 477
Psittacinae, 706
Psittirostra psittacea, 477
Pterodroma, 148
Ptilonorhynchidae, 432
Puffinus, 707
 carneipes, 151
 griseus, 157
 raemdonckii, 707
 tenuirostris, 149, 154, 155
Pycnonotidae, 432
Pycnonotus, 407
Pygoscelis papua, 141
Pyrrhula pyrrhula, 28
Pyrrhuloxia, 646
- Quail-Dove, Bridled, 54, 59, 64, 67, 69,
 70, 73
 Key West, 70
 Ruddy, 69, 72
Quelea quelea, 591, 592
Queo, 633-639
Quiscalus, 65
 niger, 66
 quiscula, 100, 111, 613, 653
- Rail, Black, 698-701
 Clapper, 57, 113, 453-457
 King, 113, 453-457
 Sora, 57
 Yellow, 698-701
Rallus elegans, 113, 453-457
 longirostris, 57, 113, 453-457
Ramphocelus, 407, 655-686
 bresilius, 683
 carbo, 644, 680-685
 carbo carbo, 680
 carbo magnirostris, 680
 dimidiatus, 655-686
 dimidiatus isthmicus, 655
 icteronotus, 670
 passerinii, 683
 passerinii costaricensis, 684
Ramphocinclus, 70
Rand, Austin L., review by, 288-289
Raphastidae, 431
- Ratitae, 485
Raven, Common, 8
Redstart, American, 54, 63, 607-632
Regulus, 432
 calendula, 100, 713
 satrapa, 719
Reverse migration, 718
Rhabdornis, 432
Rhinocryptidae, 431
Rhode Island, 272
Rhodinocichla rosea, 633-639, 640-648
 rosea eximia, 643
 rosea schistacea, 643
Rice, Dale W., and Karl W. Kenyon,
 breeding, distribution, history, and
 populations of North Pacific alba-
 trosses, 365-386; breeding cycles and
 behavior of Laysan and Black-footed
 albatrosses, 517-567
Richmondia cardinalis, 100, 354, 643,
 644, 713
Riparia riparia, 234-246
Ripley, Sydney D., a synopsis of the birds
 of India and Pakistan (rev.), 720
Roadrunner, Lesser, 6
Robertson, William B., Jr., observations
 on the birds of St. John, Virgin
 Islands, 44-76
Robin, 100, 713
 American, 271
 Clay-colored, 8
 Rufous-backed, 271
- Salpinctes obsoletus, 3
Saltator, Buff-throated, 644
 Grayish, 644
Saltator coerulescens, 644
 maximus, 644
Sandpiper, Least, 3
 Solitary, 5
 Spotted, 5, 57, 708
Sapin-Jaloustre, J., écologie du Manchot
 Adélie (rev.), 489
Sapsucker, Yellow-bellied, 31-43, 60
Sarcogyps calvus, 275
Sarcoramphus papa, 4, 275
Sargent, Theodore D., a study of homing
 in the Bank Swallow (*Riparia*
 riparia), 234-246
Saunders, George B., and Eugenie Clark,

- Yellow-billed Cuckoo in stomach of
 Tiger Shark, 118
 Saurothera, 65
 vielloti, 65, 66
 Scardafella *inca*, 5
 Schorger, A. W., Audubon's original notes
 on the habits of the Wild Turkey
 written for Charles Lucien Bonaparte,
 444-452
 Schwarz, Martin, see Glutz von Blotz-
 heim, Urs N., *et al.*
 Scott, T. C., see Bellrose, F. C., *et al.*
 Seedeater, Variable, 635
 White-collared, 10
 Yellow-bellied, 656
 Seiurus *aurocapillus*, 54, 62, 628
 motacilla, 62
 noveboracensis, 54, 62, 100
 Selasphorus *rufus*, 689
 Sericotes *holosericeus*, 54, 59, 66
 Serinus *canarius*, 458-462
 Serventy, D. L., and H. M. Whittell, birds
 of Western Australia (third edition)
 (rev.), 728
 Setophaga *picta*, 617, 643
 ruticilla, 54, 63, 607-632
 Shearwater, Slender-billed, 477
 Sooty, 157
 Shrike, Loggerhead, 714
 Sibley, Charles G., treasurer's report for
 the period August 1, 1960-July 31,
 1961, 259-262
 Sicalis *luteola*, 72
 Sitta, 432
 Sittidae, 432, 440
 Skinner, Robert W., feeding habits of
 the Mississippi Kite, 273
 Skutch, Alexander F., on the habits of the
 Queo, *Rhodinocichla rosea*, 633-639
 Sladen, William J. L., review by, 489
 Smith, W. John, the nest of *Pitangus*
 lictor, 108-111
 Solitaire, Townsend's, 706
 Somateria *spectabilis*, 270, 271
 Sparrow, Andean, 270
 Fox, 161-171
 Golden-crowned, 161, 171
 House, 100, 161, 276, 460
 Le Conte's, 272
 Savannah, 345, 361
 Seaside, 456
 Song, 100, 116, 394, 456, 612, 614, 617,
 653, 687-697, 719
 Stripe-headed, 10
 Swamp, 100
 Tree, 170, 479
 White-crowned, 12-28, 161, 387, 395
 White-throated, 100, 161-171, 387, 394,
 711, 713
 Spatula *clypeata*, 484
 Speotyto *cunicularia*, 3
 Sphyrapicus *varius*, 60
 varius varius, 31-43
 Spindalis, 643
 zena, 65
 Spinus *psaltria colombianus*, 10
 Spiza *americana*, 85-88, 115
 Spizella *arborea*, 170
 Spoonbill, Roseate, 4, 473
 Sporophila *aurita*, 635
 minuta, 270
 nigricollis, 72, 656
 torqueola moreletii, 10
 Spuris, Z. D., editor, ecology and migra-
 tion of birds of the eastern Baltic
 (rev.), 729
 Squatarola *squatarola*, 57
 Starling, 111, 119, 161, 208, 212, 653
 Startthroat, Plain-capped, 6
 Stearns, Raymond Phineas, see Frick, G.
 F., and—
 Stelgidopteryx *ruficollis*, 234, 270
 Stephanoætus *coronatus*, 275
 Stercorarius *parasiticus*, 483
 Sterna *anaethetus*, 58
 dougallii, 58
 fuscata, 58
 Stevenson, Henry M., a key to Florida
 birds (rev.), 282
 Stickel, David W., predation on Red-bel-
 lied Woodpecker nestlings by a black
 rat snake, 119
 Stilt, Black-necked, 58
 Hawaiian, 477
 Streptopelia *chinensis*, 710
 risoria, 269
 Streptoprocne *zonaris mexicana*, 6
 Strigiformes, 99
 Sturnella, 85-88
 magna, 100, 183-207

- magna alticola, 183, 194
magna auropectoralis, 183-207
magna lilianae, 183-207
neglecta, 183-207
neglecta confluenta, 183
Sturnidae, 432
Sturnus, 427-429
 vulgaris, 111, 119, 161
 vulgaris vulgaris, 653
Sula dactylatra melanops, 265
 leucogaster, 55
 sula rubripes, 265
Swallow, Bank, 234-246
 Barn, 8, 54, 60, 117, 234
 Cliff, 8
 Rough-winged, 234
 Tree, 3
 Violet-green, 8
Swan, Trumpeter, 475
 Whistling, 467
Swift, Chestnut-collared, 6
 Great Swallow-tailed, 3
 Vaux's, 6
 White-collared, 6
Switzerland (rev.), 727
Sylvia, 212
Sylviinae, 432
Synallaxis albescens, 270

Tachycineta thalassina lepida, 8
Tamura, Miwako, see Marler, Peter,
 Marcia Kreith, and—
Tanager, Crimson-backed, 655-686
 Hepatic, 9
 Hispaniolan Palm, 643
 Saddle, 683, 684
 Scarlet, 100
 Scarlet-rumped, 683, 684
 Silver-beaked, 644
 Silver-billed, 657, 660, 680-685
 Summer, 9, 644
 Western, 644
 Yellow-rumped, 670, 674, 683
Tanagra, 646
 elegantissima, 9
 musica, 65
Tangara, 644
 inornata, 643
 johannae, 643
Tangavius aeneus aeneus, 9

Taxonomy, 133-135, 265-267, 267-269,
 299, 425-443, 479-481, 513-516, 640-
 648, 706, 754
Teal, Blue-winged, 56, 484
 Cinnamon, 271, 484
 Laysan, 477
Telmatodytes palustris, 456
Tennessee, 596-606
Terathopius ecaudatus, 275
Tern, Bridled, 58
 Noddy, 58
 Roseate, 58
 Royal, 58
 Sandwich, 58
 Sooty, 58
Terres, John K., Discovery. Great mo-
 ments in the lives of outstanding
 naturalists (rev.), 124
Tewary, P. D., and J. P. Thapliyal, plum-
 age in Spotted Munia (*Uroloncha*
 punctulata), 483
Texas, 77-84
Textator cucullatus, 568-595
 cucullatus graueri, 568
Thalasseus maximus, 58
 sandvicensis, 58
Thapliyal, J. P., see Tewary, P. D. and—
Thick-knee, Double-striped, 3
Thorpe, W. H., bird song: the biology of
 vocal communication and expression
 in birds (rev.), 722
Thrasher, Brown, 85-88, 100, 597, 637
 California, 637
 Pearly-eyed, 54, 60, 64, 67, 69-71, 74
Thraupidae, 637, 638, 640-647
Thrush, Hermit, 100
 Wood, 100, 629
Thrush-Tanager, 646
 Rose-breasted, 633-639
Thrush-Warbler, 634
Thryothorus, 644
 ludovicianus, 100
 pleurostictus, 3
Tiaris bicolor, 54, 63
 olivacea, 65, 66
Tichodroma, 432
Timaliinae, 432
Titmouse, Long-tailed, 592
 Tufted, 100
Tityra, Masked, 7

- Tityra semifasciata personata*, 7
 Todidae, 431
 Todus, 65
Tolmomyias sulphurescens cinereiceps, 8
 Tompa, Frank S., territorial behavior:
 the main controlling factor of a local
 Song Sparrow population, 687-697
Totanus flavipes, 58, 99
 melanoleucus, 58
 Towhee, Brown, 14
 Rufous-sided, 12, 100, 400, 645
Toxostoma, 644
 redivivum, 637
 rufum, 85, 100, 597, 637
Tringa solitaria cinnamomea, 5
Troglodytes musculus, 8
 Troglodytidae, 432, 642
 Trogon, Elegant, 6
Trogon elegans elegans, 6
 Trogonidae, 431
 Tropic-bird, Red-billed, 55
 White-tailed, 55
 Troupial, 63
 Tuck, Leslie M., the Murres (rev.), 721
 Turček, F. J., ecological relations of birds
 and trees (rev.), 284
 Turdinae, 432, 440
Turdus, 429, 430, 614
 grayi grayi, 8
 merula, 20
 migratorius, 100, 271, 713
 nudigenis, 72
 *rufo-palliatu*s, 271
 swalesi, 71
 Turkey, 99
 Wild, 444-452
 Tutor, Billy M., nesting studies of the
 Boat-tailed Grackle, 77-84
Tympanuchus, 485-488
 Tyrannidae, 109, 431
Tyrannus caudifasciatus, 65, 66
 dominicensis, 54, 60, 67
 melancholicus chloronotus, 7
 tyrannus, 100
 verticalis, 7
 vociferans, 3
Tyto alba, 6
 Udvardy, Miklos D. F., reviews by, 282,
 284, 723-726, obituary by, 742
Upupidae, 431
Uria lomvia lomvia, 275
Uroloncha punctulata, 483
 Utah, 484
 Vaurie, Charles, the status of *Larus relic-*
 tus and of other hooded gulls from
 central Asia, 303-309
 Veery, 629
 Verbeek, Nicolaas A. M., on dew bathing
 and drought in passerines, 719
Vermivora celata, 719
 virginiae, 715
 Vermont, 712
Vireo, Bell's, 8
 Black-whiskered, 54, 61, 67
 Philadelphia, 120
 Red-eyed, 100, 617, 629, 719
 Solitary, 8
 Warbling, 9
 White-eyed, 100
 Yellow-green, 3
 Yellow-throated, 100
Vireo, 65
 attiloquus, 54, 61, 67
 bellii, 4
 bellii bellii, 8
 flavifrons, 100
 flavoviridis, 3
 gilvus gilvus, 9
 griseus, 100
 olivaceus, 100, 617, 629, 719
 philadelphicus, 120
 solitarius solitarius, 8
 Vireonidae, 432, 438, 640
 Virgin Islands, 44-76
 Voice,
 Chlorospingus ophthalmicus, 313-334
 Chlorospingus pileatus, 338-342
 Coturnicops noveboracensis, 698-701
 Diomedea immutabilis, 524-529
 Diomedea nigripes, 524-529
 Junco oreganus, 12-30
 Laterallus jamaicensis, 698-701
 Ramphocelus bresilius, 683
 Ramphocelus carbo, 681-683
 Ramphocelus dimidiatus, 660-674
 Ramphocelus passerinii, 684
 Rhodinocichla rosea, 635, 644
 Setophaga ruticilla, 617-625

- Sphyrapicus varius, 31
Sturnella magna, 193-200
Sturnella neglecta, 193-200
Volatinia jacarina, 72
 jacarina splendens, 10
Vultur gryphus, 275
Vulture, Black, 4, 486
 Hooded, 275
 King, 4, 275
 Pondicherry, 275
 Turkey, 4, 72
Warbler, Bay-breasted, 618
 Black-and-white, 9, 54, 61
 Blackburnian, 628
 Blackpoll, 62
 Black-throated Blue, 54, 62, 64, 73
 Black-throated Gray, 719
 Black-throated Green, 54, 62, 73, 610,
 628
 Cape May, 54, 61
 Cerulean, 617, 629
 Fan-tailed, 119
 Hooded, 54, 62, 64, 73
 Kentucky, 54, 62, 73, 100
 Kirtland's, 123, 173-182, 474, 719
 MacGillivray's, 9
 Magnolia, 9, 54, 61, 73, 610, 628
 Myrtle, 3, 62, 100, 394, 712, 713
 Olive, 625
 Orange-crowned, 719
 Palm, 713
 Parula, 3, 54, 61
 Pileolated, 719
 Pine, 713
 Prairie, 54, 62
 Townsend's, 9
 Worm-eating, 54, 61, 64, 73
 Yellow, 9, 54, 61
 Virginia's, 715
Warham, John, the biology of the Giant
 Petrel, *Macronectes giganteus*, 139-
 160
Water economy, 345-364
Waterthrush, Louisiana, 62
 Northern, 54, 62, 100
Weaver, Black-headed, 568-595
 Hooded, 568-595
Weaverbird, Baya, 592
 Common, 483
 Red-billed, 591
 Village, 568-595
Weigel, Robert D., unusual death of a
 Common Egret, 118
Weight, of birds,
 Aegyptus monachus, 275
 Anas cyanoptera septentrionalium, 271
 Aquila chrysaetos, 485
 Aquila verreauxii, 275
 Carpodacus mexicanus, 485
 Dendrocygna bicolor, 270
 Gypohierax angolensis, 275
 Haliaeetus albicilla, 275
 Harpia harpyja, 275
 Junco hyemalis, 164, 165, 391
 Macronectes giganteus, 151
 Myadestes townsendi, 706
 Myiarchus cinerascens, 272
 Passerella iliaca, 164, 165
 Polemaëtus bellicosus, 275
 Sarcogyps calvus, 275
 Sarcoramphus papa, 275
 Somateria spectabilis, 271
 Stephanoaëtus coronatus, 275
 Sturnella magna auropectoralis, 192
 Sturnella magna lilianae, 192
 Sturnella neglecta, 192
 Terathopus ecaudatus, 275
 Vultur gryphus, 275
 Zonotrichia albicollis, 164, 165
Weight, of gonads,
 Junco hyemalis, 168
 Passerella iliaca, 168
 Zonotrichia albicollis, 168
Weight-lifting, 485
Weise, Charles M., migratory and gonadal
 responses of birds on long-continued,
 short day-lengths, 161-172
Wekas, 149
West, David A., hybridization in gros-
 beaks (*Pheucticus*) of the Great
 Plains, 399-424
West Virginia, 117
Wetherbee, David Kenneth, see Meanley,
 Brooke, and—
Wetherbee, David Kenneth, and L. M.
 Bartlett, egg teeth and shell rupture
 of the American Woodcock, 117
Wetmore, Alexander, an erroneous report
 for *Sula dactylatra melanops*, 265

- Whimbrel, 474
- White, Clayton M., and Gary D. Lloyd,
predation on Peregrines by Ringtails,
277
- Whittell, H. M., see Serventy, D. L., and—
- Willet, 58, 73, 117
- Williams, Lovett E., Jr., Parasitic Jaeger
in Louisiana, 483
- Willis, Edwin O., another nest of *Pitangus*
lictor, 111
- Wilsonia citrina*, 54, 62
- pusilla*, 719
- Wing-Flashing,
Chlorospingus ophthalmicus, 311
Dumetella carolinensis, 112
Mimus polyglottos, 601
- Wolfe, L. R., food of the Mexican White
Hawk, 488; compiled index vol. 79
- Woodcock, American, 117
- Woodford, James, see Baldwin, D. H.,
and—
- Woodpecker, Acorn, 7
- Downy, 41
- Golden-fronted, 7
- Hairy, 41, 42
- Ivory-billed, 474
- Lineated, 7
- Pileated, 42
- Red-bellied, 41, 118, 119
- Red-headed, 42
- Woolfenden, Glen E., aggressive behavior
by a wintering Myrtle Warbler, 713
- Wren, Banded, 3
- Carolina, 100
- Long-billed Marsh, 456
- Rock, 3
- Rufous-naped, 8
- Southern House, 8
- Wren-Warbler, 634
- Wright, Bruce S., Baltimore Oriole kills
Hummingbird, 112
- Wyoming, 712, 714
- Yamashina, Yoshimaro, birds in Japan
(rev.), 284
- Yellowlegs, Greater, 58
- Lesser, 58, 99
- Yellowthroat, Gray-crowned, 265
- Rio Grande, 265
- Yuhina, 432
- Zeledonia, 432
- Zenaida asiatica asiatica*, 5
- auriculata*, 72
- aurita*, 54, 58, 67
- Zenaidura macroura*, 85-88, 99, 361
- macroura carolinensis*, 278
- macroura marginella*, 5
- Zonotrichia*, 212, 393, 394
- albicollis*, 100, 161, 387, 711, 713
- atricapilla*, 161
- capensis*, 270
- leucophrys*, 12, 387
- leucophrys gambelii*, 161, 395
- leucophrys nuttalli*, 161
- Zosteropidae, 432, 640