

INDEX TO VOLUME 64

By JANE R. DURHAM

A

- Abbott, Waldo G., Baltimore oriole at Santa Barbara, California, 441
- Ables, Ernest, and Schemnitz, Sanford D., notes on the food habits of the great horned owl in western Oklahoma, 328
- Acanthis flammea, 440
- Accipiter cooperii, 34, 223, 447, 500
 striatus, 223, 413, 447, 500
 striatus suttoni, 38
 striatus velox, 38
- Acrocephalus luscina syrinx, 418, 428, 429, 436
- Actitis hypoleucos, 418
 macularia, 143, 224
- Aechmophorus mexicanus, 256
- Aechmophorus occidentalis, 223
- Aegolius acadicus, 473-487
 ridgwayi, 144
 ridgwayi tacanensis, 144
- Aëronautæ saxatalis, 35, 79, 224
 saxatalis saxatalis, 35
 saxatalis sclateri, 35
- Aërornis, 361
 semicollaris, 361
 senex, 361
- Agelaius phoeniceus, 225, 265, 328, 440
 tricolor, 81, 225, 232
- Agyrtia viridissima, 320
- Aimophila, 55
 cassinii, 39
 humeralis, 264, 269-272
 rufescens, 264, 270-272
 rufescens gigas, 152
 ruficauda, 264, 271
 ruficeps, 38
 ruficeps boucardi, 38
 ruficeps eremoeca, 38
 ruficeps tenuirostris, 38
- Aix sponsa, 223
- Albatross, Black-browed, 443, 510
 Black-footed, 6, 9
 Laysan, 6, 9
 White-capped, 443
 Yellow-nosed, 443
- Amadon, Dean, a new genus and species of Philip-pine bird, 3
- Amaurospiza, 265, 266
 concolor, 264-266, 272
- Amaurospizopsis relicta, 265
- Amazilia, 315-319, 321-322
 beryllina, 255
 leucogaster, 323
 leucogaster bahiae, 315
- Ammospiza, 55
 caudacuta, 240
 caudacuta nelsoni, 240
- Amphispiza belli, 225
 bilineata, 38, 225
 bilineata bilineata, 38
 bilineata grisea, 38
- Anabernicula, 242
- Anas, 59, 61
 acuta, 20, 223, 242, 291-299
 carolinensis, 223, 242
 crecca, 20, 34
 cyanoptera, 34, 223
 discors, 20, 223
 discors discors, 34
 platyrhynchos, 19, 223, 291
 poecilorhyncha pelewensis, 416, 418, 422, 436
 strepera, 223
- Anderson, Anders H., and Anderson, Anne, life history of the cactus wren. Part V: fledgling to independence, 199
- Ani, Groove-billed, 254
 Smooth-billed, 234
- Anous stolidus pileatus, 418, 423, 436
 stolidus stolidus, 424
 tenuirostris marcus, 416, 418, 424, 436
- Anser albifrons, 223
- Anthus spinoletta, 224, 239
 spinoletta rubescens, 39
- Aphantochroa cirrochloris, 320
- Apelocoma coerulescens, 134, 224
 coerulescens cyanotis, 38
 ultramarina, 271
 ultramarina couchii, 38
 unicolor unicolor, 147
- Apionis opacus angus, 418-419, 431, 436
- Aptenodytes forsteri, 497
- Aquila, 242
 chrysaëtos, 34, 220, 223, 235-237, 242
- Archilochus alexandri, 224, 320
 colubris, 320, 324
- Ardea herodias, 34, 177, 223
- Arenaria interpres interpres, 418
- Asio flammeus, 224, 473-487
 otus, 473-487
 wilsonianus, 242
- Aspatha gularis, 145
- Asyndesmus lewisi, 224
- Atlapetes, 272
 brunnei-nucha, 152
 gutturalis griseipectus, 152
 pileatus, 266-267
 virenticeps, 267-268, 272
- Atlapetes, Green-striped, 267-268, 272
 Rufous-capped, 266-267
- Ammodramus savannarum perpallidus, 39

- Atthis ellioti ellioti*, 144
Aulacorhynchus prasinus, 145
 prasinus prasinus, 145
 prasinus stenorhabdus, 145
Auriparus flaviceps, 224
 flaviceps ornatus, 38
Avocet, American, 224–225, 229
Aythya affinis, 223
 americana, 223
 collaris, 31, 223, 230
 marila, 163, 223
 valisineria, 223
- B**
- Baepler*, Donald H., the avifauna of the Soloma region in Huehuetenango, Guatemala, 140
Bailey, Alfred M., nesting of the Galapagos penguin and the Galapagos sooty gull, 159
Baker, James K., associations of cave swallows with cliff and barn swallows, 326; the manner and efficiency of raptor depredations on bats, 500
Bakus, Gerald J., early nesting of the Costa hummingbird in southern California, 438
Bananaquit, 92, 98, 107–108, 114–115
Banks, Richard C., Lapland longspur in México, 329
Bartholomew, George A., and Howell, Thomas R., temperature regulation in the red-tailed tropic bird and the red-footed booby, 6
Bartholomew, George A., Hudson, Jack W., and Howell, Thomas R., body temperature, oxygen consumption, evaporative water loss, and heart rate in the poor-will, 117
Bartholomew, George A., and Poulson, Thomas L., salt utilization in the house finch, 245
Bartramia longicauda, 143
Basileuterus belli scitulus, 151
 rufifrons, 264
 rufifrons salvini, 151
Becard, Rose-throated, 255
Billeb, Stephen L., occurrence of great gray owls in Mono County, California, 164
Bittern, American, 223, 228
 Chinese Least, 418, 421
 Least, 223
Blackbird, Brewer, 225
 Redwinged, 225–226, 228–230, 265, 328, 440
 Tricolored, 81, 86, 89–90, 225, 232
 Yellow-headed, 225, 227, 229
Bluebird, Common, 149
 Eastern, 260
 Mountain, 224–225
 Western, 224
Bobolink, 19, 390–401
Bobwhite, 329, 414
Bombycilla cedrorum, 39, 149, 224
Booby, Brown, 418, 420, 512
 Red-footed, 6, 12–17, 418, 420
Botaurus lentiginosus, 223
Brandt, John H., nests and eggs of the birds of the Truk Islands, 416
Branta canadensis, 223, 230, 454
 canadensis leucopareia, 230
 canadensis minima, 230
Broadbill, Micronesian, 418, 431–432
Brush-Finch, Chestnut-capped, 152
 Yellow-throated, 152
Bubo virginianus, 224, 242, 328, 465, 500
 virginianus occidentalis, 513
 virginianus pallescens, 38
Bucephala albeola, 34, 223
 clangula, 223
 islandica, 163
Bufflehead, 34, 223, 225
Bunting, Indigo, 152
 Lazuli, 225, 228, 266
 Snow, 441
Busarellus nigricollis, 156
Bushtit, Black-eared, 36, 147, 258
 Common, 224, 399
Buss, Irven O., Yocom, Charles F., and Crispens, Charles G., Jr., additional data on food of California quail in eastern Washington, 166
Buteo, 242
 albonotatus, 38, 223
 jamaicensis, 77, 223, 242, 400, 447, 500
 jamaicensis calurus, 34, 78
 jamaicensis costaricensis, 77–78, 143
 jamaicensis fuertesi, 34, 78
 jamaicensis hadropus, 77–78
 jamaicensis kermesies, 77–78
 lagopus, 439
 magnirostris, 156
 nitidus, 156, 254
 platypterus, 400
 poecilochrous, 277–282, 284–289
 polyosoma, 277–289
 polyosoma exsul, 287, 289
 polyosoma peruviensis, 287
 polyosoma poecilochrous, 277, 289
 polyosoma polyosoma, 287–288
 regalis, 223, 500
 swainsoni, 223, 400, 500
 unicolor, 281
Buteogallus aequinoctialis, 156–157
Butorides virescens, 223
- C**
- Cacicus uropygialis*, 93
Cacique, Scarlet-rumped, 93
Cade, Tom J., and Hobbie, John E., observations on the breeding of golden eagles at Lake Peters in northern Alaska, 235
Calcarius lapponicus, 225, 233, 329
 lapponicus lapponicus, 329
 ornatus, 225, 233, 239
Callipepla squamata, 38, 328, 414
Calothorax lucifer, 36
Calypte anna, 139, 235, 315, 320, 322, 324
 costae, 224, 324, 438

- Campstoma imberbe, 257
Campylorhynchus brunneicapillus, 36, 199–212
 brunneicapillus couesi, 36
 brunneicapillus guttatus, 36
 zonatus, 145, 209
 zonatus vulcanius, 148
Canvasback, 223
Capella gallinago, 35, 224, 441
Caprimulgus ridgwayi, 161, 254
 vociferus, 35
 vociferus chiapensis, 144
 vociferus oaxacae, 35
Caracara, Black, 157
 Yellow-headed, 156, 158
Cardellina rubrifrons, 151
Cardinal, 124, 187–188, 190, 195–196, 328
Carduelis, 41
Carpodacus mexicanus, 138, 225, 245–252
 mexicanus potosinus, 39
 purpureus, 225
Casmerodus albus, 223
Cassidix, 57, 81–82, 90
 major, 81–82, 84, 86–90
 mexicanus, 81–82, 84, 87–89, 151, 264
 mexicanus prosopidicola, 39
Catbird, 187–190, 192
Catharacta skua, 496, 511
 skua maccormicki, 488
Cathartes aura, 142, 223, 234–235
 aura teter, 38
Catharus, 59, 272
 aurantiirostris, 259–260, 264
 occidentalis, 259
 occidentalis alticola, 149
 occidentalis fulvescens, 37
Catherpes mexicanus, 258
 mexicanus albifrons, 38
Catoptrophorus semipalmatus, 224, 231
Centrocercus urophasianus, 242
Centurus, 57
 aurifrons, 36
 aurifrons aurifrons, 36
 aurifrons incanescens, 36
 carolinus, 128
Certhia familiaris, 224, 231, 258
 familiaris albescens, 38
 familiaris pernigra, 148
Ceryle alcyon, 36
 alcyon alcyon, 36
 alcyon caurina, 36
Chachalaca, Black, 143
Chaetura rutilus, 361
 vauxi, 224
Chaffinch, 375, 399
Chalybura, 300, 307–308
 buffonii, 302
 melanorrhœa, 300–310
 urochrysa incognita, 301
 urochrysis, 300–310
 urochrysis incognita, 301–302, 307–309
 urochrysis isaura, 300–309
 urochrysis melanorrhœa, 300–309
 urochrysis urochrysis, 301–302, 307, 309–310
Chamaethlypis poliocephala, 262–263
Chadrius alexandrinus, 224, 230
 mongolus stegmanni, 418
 semipalmatus, 163
 vociferus, 143, 224, 478
Chat, Ground, 262–263
 Red-breasted, 262
 Yellow-breasted, 225–227, 229
Chen caerulescens, 19, 163
 hyperborea, 163, 223
Chickadee, Chestnut-backed, 164
 Mexican, 36, 258
Chlidonias niger, 224
Chlorestes, 316–319, 321–322
 notatus, 323
 notatus cyanogenys, 315
Chlorophanes, 113–114
 spiza, 92
Chlorophonia, 113
Chlorospingus ophthalmicus, 506
 ophthalmicus dwighti, 151–152
 ophthalmicus postocularis, 151–152
Chlorostilbon canivetii, 254
Chlorura chlorura, 39, 225, 232
Chondestes grammacus, 225
 grammacus strigatus, 39
Chondrohierax uncinatus, 154
Chordeiles acutipennis, 224
 minor, 224
Ciccaba virgata, 266
Ciconia ciconia, 181
Cinclus mexicanus anthonyi, 148
Circus brasiliensis, 156
 cyaneus, 38, 223, 500
Clytolaema rubricauda, 320
Coccyzus americanus, 35, 254
 erythrophthalmus, 35, 143
Coereba, 114–115
 flaveola, 92
Colaptes auratus 188, 224
 cafer, 224, 255
 cafer mexicanoides, 145
 cafer nanus, 36
Colibri serrirostris, 320
 thalassinus, 144
Colinus virginianus, 414
Collins, Charles T., and Snow, David W., social breeding behavior of the Mexican tanager, 161
Collocalia inexpectata, 361
 inquieta rukensis, 416–418, 427–428, 436
Columba, 69–71, 74, 468
 albinucha, 71
 albitorques, 72
 araucana, 71, 74
 argentina, 72
 arquatrix, 71, 73
 bollii, 71, 73
 caribaea, 71, 73–74

- delagorgueii, 72
elphinstonii, 71
eversmanni, 70, 72
fasciata, 70–71, 73–74, 143, 445–470
fasciata albilinea, 73
fasciata fasciata, 38
hodgsonii, 71, 73
iriditorques, 72
janthina, 72
jouyi, 72
junoniae, 71, 73
leucocephala, 72
leuconota, 72
livia, 19, 38, 70, 72, 88, 250, 451, 466–468
malherbii, 72
nigrirostris, 73
norfolciensis, 72
oenas, 71–72, 466–468
oliviae, 72
pallidiceps, 72
palumboides, 72
palumbus, 71, 73, 450, 466–469
palumbus maderensis, 73
polleni, 73
pulchricollis, 71
punicea, 72
rupestris, 72, 468
squamosa, 467
thomensis, 73
torringtoni, 71
trocaz, 71, 73
unicincta, 71
versicolor, 72
vitiensis, 72
Columbigallina passerina, 224, 231, 254
talpacoti, 158
Contopus, 142
pertinax, 255
pertinax pallidiventris, 36
pertinax pertinax, 146
sordidulus, 146, 224, 255
sordidulus veliei, 38
virens, 38, 146, 184, 193
Coot, 394
 American, 35, 223, 225, 229
Coragyps, 242
 atratus, 38, 142, 156, 242, 325
 occidentalis, 242
Cormorant, Double-crested, 223
 Flightless, 15
 Pelagic, 441
Corvus brachyrhynchos, 188, 224
 corax, 224, 242
 corax principalis, 147
 corax sinuatus, 38, 147
 cornix, 61
 corone, 61
 cryptoleucus, 38
 frugilegus, 137
Cowbird, Brown-headed, 75, 99, 225–230, 232, 264, 269
 Red-eyed, 258–259, 262–266, 268–271
Crane, Sandhill, 178–179, 181
Creagrus furcatus, 161
Creeper, Brown, 148, 224, 231, 258
Crispens, Charles G., Jr., Buss, Irven O., and Yocom, Charles F., additional data on food of California quail in eastern Washington, 166
Crocethia alba, 163
Crossbill, Red, 225
Crotophaga ani, 234
sulcirostris, 254
Crow, Common, 187–190, 196, 224
Cuckoo, Black-billed, 35, 143
 Long-tailed New Zealand, 416, 418
 Yellow-billed, 35, 254
Curlew, Long-billed, 224, 230
Cyanerpes, 113–114
 caeruleus, 112, 156
 cyaneus, 92, 106, 109
 cyaneus carneipes, 109
 cyaneus cyaneus, 109
 lucidus, 92, 112
Cyanocitta cristata, 275
stelleri, 451
stelleri macrolopha, 38
stelleri ridgwayi, 147
Cyanolyca cucullata guatimalae, 147
pumilo pumilo, 147
Cyclarhis gujanensis, 52, 507
Cynanthus latirostris, 320
Cypseloides, 361, 366
biscutatus, 361
cherrei, 361
cryptus, 361
fumigatus, 361–362
niger, 79, 361
rutilus, 361–362
semicollaris, 361
senex, 361–362
zonaris, 361–362
Cyrtonyx montezumae, 38

D

- Dacnis*, 113–114
 cayana, 92, 98
 venusta, 92, 104
Dacnis, Blue, 98
 Scarlet-thighed, 92, 100, 104–105, 115
 Turquoise, 92–93, 98–100, 102–105, 111, 113, 115
Dactylortyx thoracicus chiapensis, 143
Daption capensis, 510
Daptrius ater, 157
Davis, John, notes on some birds of the state of Michoacán, México, 324; a review of Handbook of North American Birds, Volume 1, Loons Through Flamingos, edited by Ralph S. Palmer, 442

- Davis, John, and Miller, Alden H., further information on the Caribbean martin in México, 237
- Demigretta sacra sacra*, 416, 418, 421, 436
- Dendrocopos major*, 132
 minor, 132–133, 162
 minor amurensis, 162
 pubescens, 126–133
 scalaris, 36
 scalaris giraudi, 36
 scalaris sympectus, 36
 stricklandi, 324
 villosum, 36, 127–128, 224, 231
 villosum icastus, 36
 villosum intermedius, 36
 villosum sanctorum, 145
- Dendroica*, 55, 59
 auduboni, 224
 auduboni auduboni, 39
 auduboni memorabilis, 39, 150
 caeruleascens, 76, 164
 chrysoparia, 37
 coronata, 150, 224
 dominica albiflora, 37
 fusca, 150, 262
 magnolia, 224, 232
 nigrescens, 224
 occidentalis, 39, 150, 225, 232
 palmarum, 225, 232
 pensylvanica, 76
 petechia, 188, 224
 townsendi, 39, 150, 224
 virens, 76
 virens virens, 39
- Dendrotyx leucophrys*, 143
 leucophrys leucophrys, 143
 leucophrys nicaraguae, 143
- DeWolfe, Barbara B., and DeWolfe, Robert H., mountain white-crowned sparrows in California, 378
- Dicaeum*, 5
 pygmaeum pygmaeum, 5
- Dickcissel*, 225, 396
- Dickerman, Robert W., and Warner, Dwain W., a new orchard oriole from México, 311
- Diglossa*, 114–115
 baritula, 92
 baritula montana, 149
 cyannea, 114
- Diglossopis*, 115
- Diomedea*, 471–472
 albatrus, 471–472
 anglica, 471
 californica, 471–472
 exulans, 471–472
 immutabilis, 6, 472
 melanophrys, 510
 nigripes, 6, 472
- Dipper*, 148
- Dixon, Keith L., notes on the molt schedule of the plain titmouse, 134
- Dolichonyx oryzivorus*, 19, 390–401
- Dotterel*, Mongolian, 418
- Dove*, Crimson-crowned Fruit, 418, 425
 Ground, 224, 231, 254
 Inca, 254
 Mourning, 165–166, 224–225, 227, 229–230, 251
 Ring, 297
 Rock, 88, 466
 Ruddy Ground, 158
 Stock, 467
 White-fronted, 254
 White-throated Ground, 418, 426–427
 White-winged, 224, 231
- Dowitcher*, 224, 231
- Dryocopus pileatus*, 128
- Duck*, Australian Gray, 418, 422
 Ring-necked, 31, 223, 230
 Ruddy, 223, 225, 229
 Wood, 223
- Ducula oceanica*, 416
 oceanica teraokai, 416, 418, 425–426
- Dumetella carolinensis*, 187
- E**
- Eagle*, Golden, 34, 220, 223, 235–237, 242
- Eckelberry, Don R., painting of white-naped swift, opp. 361
- Egret*, Common, 223, 225
 Snowy, 223, 225, 227
- Eisenmann, Eugene, notes on some neotropical viroes in Panamá, 505
- Eisenmann, Eugene, and Howell, Thomas R., the taxonomic status of the hummingbirds *Chalybura melanorrhoa* and *Chalybura urochrysia*, 300
- Elaenia flavogaster*, 105
- Elaenia*, Yellow-bellied, 105
 Yellow-crowned, 256–257, 272
- Elanoïdes forficatus*, 154
- Elanus leucurus*, 154
- Ely, Charles A., the birds of southeastern Coahuila, México, 34
- Emerald*, Canivet, 254
- Empidonax*, 41, 58–59
 affinis, 256
 affinis trepidus, 36
 difficilis, 224, 256, 259
 difficilis difficilis, 231
 difficilis hellmayri, 36
 difficilis occidentalis, 36
 difficilis salvini, 146
 flavescens, 146
 flavescens dwighti, 146
 flaviventris, 36, 146
 fulvifrons fusciceps, 146
 fulvifrons pygmaeus, 36
 hammondii, 38, 146, 224
 minimus, 38, 146, 184
 oberholseri, 146, 224

- traillii*, 184, 224, 256
wrightii, 38, 146, 224
- Eremophila alpestris*, 78, 224, 231
alpestris diaphora, 38
alpestris leucolaema, 231
alpestris utahensis, 231
- Ereunetes mauri*, 224, 231, 240
- Ergaticus versicolor*, 151
- Erithacus rubecula*, 195
- Erolia acuminata*, 418
melanotos, 224, 231
minutilla, 224, 240
- Erythrura trichroa clara*, 416, 418, 434, 436
- Escalante**, Rodolfo, frequency of occurrence of some seabirds in Uruguay, 510
- Eudynamis taitensis*, 416, 418
- Eugenes fulgens fulgens*, 35
fulgens viridiceps, 144
- Eupetomena macroura*, 320
- Euphagus cyanocephalus*, 39, 225
- Euphonia*, 113
- Euphonia*, Blue-headed, 151
- Eupoda montana*, 224
- F**
- Falco albicularis*, 158
columbarius, 223, 510
columbarius richardsonii, 35
mexicanus, 34, 223, 242, 439
peregrinus, 223, 502
peregrinus anatum, 34
rusticolis, 237, 508–510
sparverius, 223, 500
sparverius sparverius, 38, 143
subbuteo, 158
- Falcon**, Bat, 158
Laughing, 157
Peregrine, 34, 223, 439, 510
Prairie, 34, 220, 223, 225, 229, 439–440, 502
- Fennell**, Chester M., lesser spotted woodpecker nesting in Japan, 162
- Finch**, Blue-faced Parrot, 418, 434–435
House, 138, 225–226, 229–230, 245–252
Purple, 225
- Fisler**, George F., variation in the morning awakening time of some birds in south-central Michigan, 184
- Flicker**, Red-shafted, 36, 145, 224–225, 230, 255
Yellow-shafted, 187–190, 224
- Flower-piercer**, Cinnamon-bellied, 149
Slaty, 92, 104
- Flycatcher**, Ash-throated, 36, 227, 229
Beardless, 257
Buff-breasted, 36, 146
Coues, 36, 255
Crested, 186
Dusky, 224
Gray, 224
Gray Silky, 149, 260
Hammond, 146, 224
- Least*, 146, 184
Nutting, 255
Olive-sided, 145, 224, 231
Pine, 36, 256
Scissor-tailed, 36
Traill, 184, 224, 228, 256
Tufted, 146, 256
Vermilion, 224, 255
Western, 36, 224, 228, 231, 256, 259
Wright, 146
Yellow-bellied, 36, 146
Yellowish, 146
- Fowl**, Red Jungle, 418, 422
- Fregata magnificens*, 510
minor minor, 418, 421, 436
- Frigatebird**, Magnificent, 444, 510
- Fringilla coelebs*, 375, 399
- Fulica americana*, 223, 394
americana americana, 35
- Fulmar**, 438
Northern, 443
- Fulmaris glacialis*, 438
- G**
- Gadwall*, 223
- Gallicolumba xanthonura kubaryi*, 416, 418, 426–427, 436
- Gallinula chloropus*, 223
- Gallinule**, Common, 223
- Gallus*, 179
 gallus, 418, 422, 436
- Gannet**, 6
- Garrulus glandarius*, 276, 466
lanceolatus, 276
- Gavia arctica*, 223
 immer, 223, 230
- Gelochelidon nilotica*, 511
- Geococcyx californianus*, 38, 144, 224
 velox, 145
 velox affinis, 143
- Geothlypis nelsoni nelsoni*, 39
 trichas, 225
 trichas occidentalis, 39
- Geranospiza caerulescens*, 157
- Glaucidium gnoma californicum*, 35, 513
- Gnatcatcher**, Black-tailed, 224, 231
Blue-gray, 224
- Godwit**, Marbled, 224
Pacific, 418
- Goldeneye**, Barrow, 163
Common, 223
- Goldfinch**, American, 225
Lawrence, 225, 232
Lesser, 225, 265
- Goodall**, William N., a recent record of the ovenbird for California, 240
- Goose**, Blue, 19, 163
Canada, 223, 230, 454
Emperor, 441
Snow, 163, 223
White-fronted, 223

- Graber, Richard R., food and oxygen consumption in three species of owls (Strigidae), 473
- Grackle, Boat-tailed, 57, 81, 85, 88, 90, 151
Great-tailed, 57, 81-82, 264
- Granatellus venustus, 262
- Grassquit, Blue-black, 272
- Grebe, Eared, 223, 225
Horned, 162
Pied-billed, 34, 223, 225
Western, 223
- Greenlet, Golden-fronted, 507
Gray-headed, 507
- Scrub, 507
Tawny-crowned, 507
- Greenshank, 418
- Grim, J. Norman, unusual feeding behavior of the fulmar, 438
- Grosbeak, Black-headed, 225, 265
Blue, 152, 225-227, 229
Evening, 124
Yellow, 265
- Grouse, Ruffed, 329
- Grus canadensis, 178
- Guan, Horned, 143
- Guiraca caerulea, 39, 225
caerulea interfusa, 152
- Gull, Belcher, 511
Bonaparte, 224
California, 224
Glaucous-winged, 441
Ring-billed, 224
Sooty, 159-160
Swallow-tailed, 161
- Gullion, Gordon W., organization and movements of coveys of a Gambel quail population, 402
- Gygis alba, 422
alba candida, 425
alba pacifica, 416, 418, 425, 436
- Gymnogenys typicus, 157
- Gymnogyps, 241
amplus, 241-242
californianus, 241
- Gyrfalcon, 237, 440, 508-510
- H**
- Habrura, 5
- Hagdon, 442-443
- Hamilton, Terrell H., species relationships and adaptations for sympatry in the avian genus Vireo, 40
- Hamilton, William J., III, celestial orientation in juvenile waterfowl, 19; evidence concerning the function of nocturnal call notes of migratory birds, 390
- Harpagus bidentatus, 154
- Harrier, Long-winged, 156
- Haverschmidt, F., notes on the feeding habits and food of some hawks of Surinam, 154
- Hawk, Black-collared, 156
Broad-winged, 400
- Cooper, 34, 223, 225, 229, 439, 447, 465, 500
- Crab, 156-157
- Crane, 157
- Duck, 502-503
- Ferruginous, 223, 229, 500, 502
- Gray, 156, 254
- Great Black, 156
- Gurney Red-backed, 277
- Harrier, 157
- Marsh, 223, 225, 228, 500, 502
- Pigeon, 35, 223, 510
- Red-backed, 277
- Red-tailed, 34, 77, 143, 223, 225, 229, 400, 447, 500-503
- Roadside, 156
- Rough-legged, 439, 508-510
- Savanna, 155
- Sharp-shinned, 223, 413, 447, 500, 502
- Sparrow, 143, 223, 225, 227, 500-503
- Swainson, 223, 400, 500-502
- Zone-tailed, 223
- Heath, James Edward, temperature fluctuation in the turkey vulture, 234
- Henicorhina leucophrys capitalis, 148
- Heron, Black-crowned Night, 223, 227, 229, 418, 443
- Eurasian Gray, 444
- Great Blue, 34, 177, 223, 227, 229
- Green, 223
- Reef, 418, 421
- Rufous Night, 418, 421
- Herpetotheres cachinnans, 157
- Herperiphona vespertina, 124, 478
- Heteroscelus brevipes, 418
incanus, 418
- Heterospizias meridionalis, 155
- Himantopus mexicanus, 224
- Hirundo rustica, 224, 258, 326
rustica erythrogaster, 38
rustica gutturalis, 416, 418
- Hobbie, John E., and Cade, Tom J., observations on the breeding of golden eagles at Lake Peters in northern Alaska, 235
- Hobby, 158
- Honeycreeper, Blue, 92-94, 98-99, 104-116
Green, 92-94, 96-98, 104-105, 107-108, 111, 113, 115
- Hyacinthine, 112
- Shining, 92, 107-108, 111-113, 115, 156
- Yellow-legged, 112
- Honey-eater, Cardinal, 418, 433-434
- Howard, Hildegarde, bird remains from a prehistoric cave deposit in Grant County, New Mexico, 241; a new Miocene locality record for *Puffinus diatomicus* and *Sula willetti*, 512
- Howell, Thomas R., and Bartholomew, George A., temperature regulation in the red-tailed tropic bird and the red-footed booby, 6
- Howell, Thomas R., Bartholomew, George A., and Hudson, Jack W., body temperature, oxy-

- gen consumption, evaporative water loss, and heart rate in the poor-will, 117
- Howell, Thomas R., and Eisenmann, Eugene, the taxonomic status of the hummingbirds *Chalybura melanorrhoa* and *Chalybura urochrysia*, 300
- Hudson, Jack W., Howell, Thomas R., and Bartholomew, George A., body temperature, oxygen consumption, evaporative water loss, and heart rate in the poor-will, 117
- Hummingbird** (see also Emerald, Plumbeleteer, and Violet-ear)
- Allen, 324
 - Amethyst-throated, 144
 - Anna, 139, 235, 315, 324
 - Berylline, 255
 - Black-chinned, 224
 - Blue-crowned Wood Nymph, 93
 - Broad-tailed, 36
 - Costa, 224, 438
 - Garnet-throated, 144
 - Lucifer, 36
 - Magnificent, 144
 - Rivoli, 35
 - Ruby-throated, 324
 - Rufous, 224
 - White-eared, 35, 144
 - Wine-throated, 144
- Hungerford, Charles R., adaptations shown in selection of food by Gambel quail, 213
- Hydrobates pelagicus**, 445
- Hylocharis**, 316-319, 321-322
 - cyanus*, 323
 - cyanus cyanus*, 315
 - leucotis leucotis*, 35, 144
- Hylocichla guttata**, 224, 231
 - guttata auduboni*, 37
 - guttata guttata*, 39
 - guttata sequoiensis*, 39
 - ustulata*, 224, 231, 397
- Hylophilus**, 51, 507
 - aurantiifrons*, 507
 - decurtatus*, 507
 - flavipes*, 507
 - flavipes viridiflavus*, 507
 - ochraceiceps*, 507
- Hypuroptila isaura**, 302
 - urochrysa*, 301
 - urochrysea*, 301
 - urochrysia*, 301
- I**
- Ibis, Glossy, 444
 - Scarlet, 444
 - White-faced, 223, 228
 - White-faced Glossy, 444
 - Wood, 223
- Icteria virens**, 225
 - virens auricollis*, 39
- Icterus bullockii**, 220, 225, 441
- chrysater chrysater**, 151
- cucullatus**, 79, 225, 441
- fuertesi**, 312-314
- galbula**, 93, 151, 164, 441
- parisorum**, 39, 225, 232, 441
- pustulatus**, 264
- spurius**, 39, 311-314
- spurius affinis**, 311-312, 314
- spurius phillipsi**, 311-314
- spurius spurius**, 311-312, 314
- wagleri wagleri**, 39
- Ictinia plumbea**, 155
- Iridoprocne bicolor**, 224
- Ixobrychus exilis**, 223
 - sinensis*, 416, 418, 421, 436
- Ixoreus naevius**, 224
- J**
- Jabiru mycteria**, 177
- Jaeger, Parasitic**, 240, 497
- Jay**, 466
 - Azure-hooded, 147
 - Black-throated, 147
 - Blue, 275
 - Gray, 163
 - Mexican, 271
 - Scrub, 134, 138, 224
 - Steller, 147, 451
 - Unicolored, 147
- Johnson, Ned K., and Russell, Ward C.**, distributional data on certain owls in the western Great Basin, 513
- Johnston, Richard F.**, the taxonomy of pigeons, 69
- Junco alticola**, 152
 - hyemalis*, 164, 225, 396, 478
 - oreganus*, 225
 - phaeonotus*, 38, 152, 271
 - phaeonotus palliatus*, 38
 - phaeonotus phaeonotus*, 38
- Junco, Guatemala**, 152
 - Mexican, 38, 271
 - Oregon, 225
 - Slate-colored, 164, 225, 396
- K**
- Kahl, M. Philip, Jr.**, bioenergetics of growth in nestling wood storks, 169
- Kilham, Lawrence**, reproductive behavior of downy woodpeckers, 126
- Killdeer**, 143, 220, 224-227, 229
- Kincaid, Edgar B., Jr.**, starlings between Hawaii and California, 512
- Kingbird, Cassin**, 75-76, 224, 231
 - Eastern, 224
 - Western, 36, 224, 227, 229
- Kingfisher, Belted**, 36, 224
- Kinglet, Golden-crowned**, 224, 231
 - Ruby-crowned, 224-225

- Kite, Double-toothed, 154
 Gray-headed, 154
 Hook-billed, 154
 Plumbeous, 155
 Snail, 155
 Swallow-tailed, 154
 White-tailed, 154
- Knorr, Owen A., black swift breeds in Utah, 79
- Kridler, Eugene, and Marshall, David B., additional bird records from southeastern Oregon, 162
- Kuyt, E., a record of a tree-nesting gyrfalcon, 508
- L**
- Lagopus mutus, 237
- Lamponnis amethystinus salvini, 144
 clemenciae clemenciae, 38
- Lamprolaima rhami rhami, 144
- Lanius ludovicianus, 37, 75, 79, 137, 224, 260
 ludovicianus excubitorides, 37
 ludovicianus mexicanus, 37
- Lark, Horned, 78-79, 224, 229, 231
- Larus belcheri, 511
 californicus, 224
 delawarensis, 224
 fuliginosus, 159-160
 glaucescens, 441
 philadelphia, 224
- Lasiewski, Robert C., the energetics of migrating hummingbirds, 324
- Lepidocolaptes affinis affinis, 145
 leucogaster, 255
- Leptodon cayanensis, 154
- Leptotila verreauxi, 254
- Leucophoix thula, 223
- Levy, Seymour H., the Ridgway whip-poor-will in Arizona, 161
- Limnodromus, 224, 231
 scolopaceus, 231
- Limosa fedoa, 224
 lapponica baueri, 418
- Linnet, California, 220
- Lobipes lobatus, 224, 240
- Lonchura nigerrima minor, 416, 418
- Longspur, Chestnut-collared, 225, 233, 239
 Lapland, 225, 233, 329
- Loon, Arctic, 223, 443
 Common, 223, 230, 443
 Red-throated, 443
- Lophodytes cucullatus, 223, 230
- Lophornis magnificus, 320
- Lophortyx californicus, 165, 250, 414
 gambelii, 213-219, 223, 402-415
- Loxia curvirostra, 225
- M**
- MacMillen, Richard E., the minimum water requirements of mourning doves, 165
- Macronus ptilosus, 3
- Magpie, Black-billed, 224
- Maher, William J., breeding biology of the snow petrel near Cape Hallett, Antarctica, 488
- Mallard, 19-20, 32, 223, 225-226, 229, 291, 296
- Man-o'-War, Pacific, 418, 420
- Mareca americana, 34, 223, 242
 penelope, 223, 230
- Marler, P., and Tamura, M., song "dialects" in three populations of white-crowned sparrows, 368
- Marshall, David B., and Kridler, Eugene, additional bird records from southeastern Oregon, 162
- Martin, Caribbean, 237-239
 Purple, 65, 168, 200-203, 212, 224, 231
- McCaskie, R. G., a chestnut-collared longspur at Lake Tahoe, California, 239
- Meadowlark, Common, 151
 Eastern, 57
 Western, 20, 57, 220, 225
- Megaceryle alcyon, 224
- Melanerpes formicivorus formicivorus, 38
 formicivorus lineatus, 145
- Melanotis caerulescens, 258
 hypoleucus, 148
- Melanotrichilus fuscus, 320
- Meleagris, 242
 gallopavo, 242
- Melospiza lincolni, 225
 lincolni lincolni, 39, 153
 melodia, 184, 191, 225, 396, 478, 481
- Melozone, 272
 kieneri, 264, 268-269
- Merganser, Hooded, 223, 230
 Common, 223
 Red-breasted, 223, 230
- Mergus merganser, 223
 serrator, 223, 230
- Metabolus rugensis, 416, 418, 430-431, 436
- Micromacronus, 3, 5
 leyensis, opp. 3, 3-4
- Miller, Alden H., and Davis, John, further information on the Caribbean martin in México, 237
- Miller, Loya, high-noon songs, 75; a new albatross from the Miocene of California, 471
- Milvago chimachima, 156, 158
- Mimus polyglottos, 75, 194, 224
 polyglottos leucopterus, 38
- Mitrephanes phaeocercus, 256
 phaeocercus queruginosus, 146
- Mixornis, 3
- Mniotilla varia, 39, 150, 163, 224, 232
- Mockingbird, 75, 194, 224-225, 227, 229
 Blue, 258
 Blue and White, 148
- Molothrus ater, 75, 99, 225, 232, 264, 478
 ater artemisiae, 232
 ater ater, 39
 ater obscurus, 232
- Momotus mexicanus, 255
- Monarch, Truk, 418, 430-431

- Moore, Milton, nesting of hooded oriole in Sacramento, California, 79; additional record of the chestnut-backed chickadee in the Calaveras Big Trees State Park, California, 164
- Morrison, Peter, modification of body temperature by activity in Brazilian hummingbirds, 315
- Morton, Martin L., a plucking experiment with white-crowned sparrows, 327
- Motmot, Blue-throated, 145
Rufous-crowned, 255
- Muscivora forficata, 36
- Myadestes obscurus oberholseri, 149
townsendi, 224, 240
- Mycteria, 171
americana, 169-183, 223
- Myiagra oceanica oceanica, 416, 418, 431-432, 436
- Myiarchus cinerascens, 36
cinerascens cinerascens, 36
cinerascens mexicanus, 36
crinitus, 186
nuttingi, 255
- Myioborus miniatus, 262
miniatus hellmayri, 151
miniatus intermedius, 151
- Myiopagis viridicata, 256-257, 272
- Myiornis, 5
- Myzomela cardinalis dichromata, 434
cardinalis major, 416, 418, 433, 436
- N**
- Nannopterum harrisi, 15
- Neochloe brevipennis, 46, 262, 264, 272
- Nephocetes niger, 361-362
- Nicholson, Donald J., and Selander, Robert K., autumnal breeding of boat-tailed grackles in Florida, 81
- Nighthawk, Lesser, 224, 227
Common, 224
- Nightingale-thrush, Orange-billed, 259-260
Russet, 37, 149, 259, 266
- Noddy, Common, 418-419, 423-424
White-capped, 418, 421-425
- Nolan, Val, Jr., the swaying display of the red-eyed and other vireos, 273
- Northern, James R., noteworthy bird records from Baja California, 240
- Notiochelidon pileata, 146
- Nucifraga columbiana, 138, 224
- Numenius americanus, 224, 230, 242
phaeopus, 224, 231
phaeopus variegatus, 418
- Nutcracker, Clark, 138, 224
- Nuthatch, Pygmy, 36
Red-breasted, 224, 231
White-breasted, 187-190, 196, 224, 271
- Nuttallornis borealis, 38, 145, 224, 231
- Nyctea scandiaca, 237, 441
- Nycticorax caledonicus pelewensis, 416, 418, 421, 436
- nycticorax, 223
nycticorax nycticorax, 418
- Nyroca affinis, 242
collaris, 242
- O**
- Oceanites oceanicus, 495
- Oenoenas, 70, 73-74
chiriquensis, 74
goodsoni, 73
nigrirostris, 73
plumbea, 73
purpureotincta, 74
subvinacea, 73-74
- O'Farrell, Thomas P., and Sheets, Arthur M., birds observed wintering on Middleton Island, Alaska, 440
- Olor columbianus, 223
- Oporornis agilis, 76
formosus, 150
tolmiei, 150, 225
tolmiei monticola, 38, 150
- Oreophasis derbianus, 143
- Oreortyx picta, 242
- Oreoscopus montanus, 39, 224
- Oreotrichilus estella, 315, 320
- Oriole, Baltimore, 93, 151, 164, 441
Bullock, 220, 225-226, 229, 441
Hooded, 79, 225, 229, 441
Orchard, 311-314
Scarlet-headed, 264
Scott, 225, 232, 441
Yellow-backed, 151
- Orr, Robert T., and Rowley, J. Stuart, the nesting of the white-naped swift, 361
- Orthotomus, 5
- Osprey, 223
- Osteodontornis orri, 512
- Otus asio, 224, 231
asio suttoni, 35
asio macfarlanei, 513
flammeolus flammeolus, 35, 513
- Ovenbird, 37, 240-241, 397
- Overmire, Thomas G., nesting of the Bell vireo in Oklahoma, 75
- Owl, Burrowing, 220, 224-226
Flammulated, 35, 513-514
Great Gray, 164-165
Great Horned, 224-226, 229, 328-329, 465, 500-503, 513
Long-eared, 473-487
Pigmy, 35, 513
Saw-whet, 473-487
Screech, 35, 224, 231, 513
Short-eared, 224, 229, 473-487
Snowy, 237, 441
Spectacled, 93
Spotted, 514
Unspotted Saw-whet, 144
Wood, 266
- Oxyura jamaicensis, 223

- P**
- Pagodroma nivea*, 488-499
Pandion haliaetus, 223
Parabuteo unicinctus, 38
Parapavo, 242
Parrot, Thick-billed, 35
Parus, 40-41, 55-56, 58-60, 62, 64
 _{ater}, 56
 bicolor, 134-135
 caeruleus, 56
 inornatus, 134-139
 major, 56, 134, 138
 palustris, 56
 rufescens, 164
 scateri, 36, 258
 scateri eidos, 36
 scateri scateri, 36
Passer domesticus, 204, 225, 272, 325, 478, 481
 domesticus domesticus, 39
Passerulus sandwichensis, 225, 248
 sandwichensis anthinus, 39
 sandwichensis beldingi, 249-251
 sandwichensis brooksi, 249-251
Passerella iliaca, 225, 233, 478
Passerina amoena, 225, 266
 cyanaea, 39, 152
Patagioenas, 70, 72, 74
 cayennensis, 73-74
 corensis, 72
 flavirostris, 70, 73-74
 inornata, 73-74
 leucocephala, 72
 maculosa, 73
 oenops, 73-74
 picazuro, 72
 speciosa, 72
 quamosa, 72
Peeters, Hans J., nuptial behavior of the band-tailed pigeon in the San Francisco Bay area, 445
Pelecanus, 6
 erythrorynchus, 223, 230
Pelican, Brown, 444
 White, 223, 228, 230
Penelopina nigra nigra, 143
Penguin, Adelie, 488, 496-498
 Emperor, 497
 Galapagos, 159-160
Peppershrike, Rufous-browed, 52, 507
Perisoreus canadensis, 163
Petrel, 442-443
 Bonin Island, 6
 British Storm, 495
 Mottled, 443
 Snow, 488-499
 Trindade, 443
 White-chinned, 510
 Wilson, 443, 495, 497-498
Petrochelidon fulva, 326
pyrrhonota, 147, 224, 257, 326
pyrrhonota melanogaster, 38
Peucedramus taeniatus arizoneae, 39
Pewee, Crested Wood, 256
 Eastern Wood, 146, 184, 186-190, 192-193, 195, 197
 Greater, 146
 Western Wood, 146, 224, 255, 257
Phaethon, 11, 15
 lepturus, 11
Phainopepla dorotheae, 416, 418-419, 436
 rubricauda, 6-12, 512
 rubricauda rothschildi, 7, 416, 418-419, 436
Phaetusa simplex, 511
Phainopepla nitens, 224, 257
 nitens lepida, 37
 nitens nitens, 37
Phainopepla, 37, 224, 229, 257
Phalacrocorax auritus, 223
 pelagicus, 441
Phalaenoptilus, 321
 nuttallii, 117-125, 224, 235
 nuttallii californicus, 117
 nuttallii hueyi, 117
 nuttallii nuttallii, 38
Phalarope, Red, 224, 228
 Northern, 224, 240
 Wilson, 224, 227, 229, 240
Phalaropus fulicarius, 224
Phasianus colchicus, 294
Pheasant, Ring-necked, 294
Pheucticus chrysopelatus, 265
 melanocephalus, 225, 265
 melanocephalus melanocephalus, 39
Philacte canagica, 441
Phillips, Richard E., and van Tienhoven, Ari,
 some physiological correlates of pintail reproductive behavior, 291
Phoebe, Black, 145, 224, 227, 229
 Eastern, 36, 187-191, 195, 197
 Say, 220, 224-227, 229
Pica pica, 224
Pigeon, Band-tailed, 73, 143, 445-470
 Cape, 443, 510
 Micronesian, 418, 425-426
 Wood, 450, 466-467, 469
Pintail, 20, 22, 24-25, 31, 223, 227, 291-299
Pipilo, 58
 aberti, 57
erythrophthalmus, 184, 225, 232, 267-268
erythrophthalmus orientalis, 39
erythrophthalmus repetens, 152
 fuscus, 57
 fuscus potosinus, 39
 ocai, 268
Pipit, Water, 224-225, 239
Pipra, 109
 aureola, 109
 coronata, 109
 mentalis, 109

- Piranga flava**, 264–265
ludoviciana, 39, 225
rubra, 38
rubra cooperi, 38
rubra rubra, 38, 151
- Platyparis aglaiae**, 255
- Plectrophenax nivalis**, 441
- Plegadis chihi**, 223
- Plover**, American Golden, 163
Black-bellied, 224, 230, 418
Mountain, 224
Pacific Golden, 418
Semipalmated, 163
Snowy, 224, 230
Upland, 143
- Plumeleteer**, Dusky, 300–310
Bronze-tailed, 300–310
White-vented, 302
- Pluvialis dominica**, 163
dominica fulva, 418
- Podiceps auritus**, 162
caspicus, 223
- Podilymbus podiceps**, 34, 223
- Poliolimnas cinereus micronesiae**, 416, 418, 422, 436
- Polioptila caerulea**, 224
caerulea amoenissima, 39
melanura, 224, 231
melanura melanura, 39
- Polystictus**, 5
- Polytmus guainumbi**, 320
- Pooecetes gramineus**, 225
gramineus confinis, 39
- Poor-will**, 117–125, 224, 235, 321
- Porzana carolina**, 223
- Poulson**, Thomas L., and Bartholomew, George A., salt utilization in the house finch, 245
- Procellaria aequinoctialis**, 510
puffinus, 19
- Progne dominicensis**, 237–239
dominicensis sinaloae, 239
sinaloae, 238
subis, 224, 231, 238–239
- Psaltria exilis**, 5
- Psaltriparus melanotis**, 36, 258
melanotis iulus, 36
melanotis lloydii, 36
melanotis melanotis, 147
minimus, 224, 399
- Ptarmigan**, Rock, 237
- Pterodroma hypoleuca**, 6
- Ptilinopus porphyraceus ponapensis**, 418, 425, 436
- Ptilogonyx cinereus**, 260
cinereus molybdophanes, 149
- Puffinus**, 512
diatomicus, 512
gravis, 442, 510
herminieri dichrous, 418–419, 436
nativitatis, 6
pacificus, 6
pacificus chlororhynchus, 418
- puffinus**, 443
tenuirostris, 495
- Pulsatrix perspicillata**, 93
- Pygoscelis adelie**, 488, 496
- Pyrocephalus rubinus**, 224, 255
ruber, 224, 255
mexicanus, 38
- Pyrrhuloxia sinuata**, 39
- Q**
- Quail**, California, 165–167, 250, 329, 414
Desert, 220
Gambel, 213–219, 223, 225–226, 229, 402–415
Scaled, 328–329, 414
Singing, 143
- R**
- Rail**, Virginia, 223, 230
White-browed, 418, 422
- Rallus limicola**, 223, 230
- Ramphocelus passerinii costaricensis**, 100
- Raven**, Common, 147, 224–225, 229, 508, 510
Western, 220
- Recurvirostra americana**, 224
- Redhead**, 223, 229
- Redpoll**, Common, 440
- Redstart**, American, 76, 164, 225, 232, 262
Slate-throated, 151, 262
- Regulus calendula**, 224, 481
calendula calendula, 39
satrapa, 224, 231
- Rhynchositta pachyrhyncha**, 35
pachyrhyncha pachyrhyncha, 35
pachyrhyncha terrisi, 35
- Richmondena cardinalis**, 124, 187, 328, 478, 481
- Ridgwayia pinicola**, 325
- Riparia riparia**, 224, 231
- Roadrunner**, 144, 220, 224–226, 229
Lesser, 143, 145
- Robin**, 224–225
American, 28, 187–195, 197, 259, 272, 395
Black, 148
European, 195
Mountain, 148
Rufous-collared, 148
White-necked, 259
- Robinson**, Gerald G., winter wren feeds Townsend solitaire young, 240
- Rook**, 137
- Root**, Richard B., comments on the status of some western specimens of the American redstart, 76
- Rostrhamus sociabilis**, 155
- Rowley**, J. Stuart, nesting of the birds of Morelos, México, 253
- Rowley**, J. Stuart, and Orr, Robert T., the nesting of the white-naped swift, 361
- Rukia ruki**, 416, 418, 434–435
- Russell**, Ward C., and Johnson, Ned K., distributional data on certain owls in the western Great Basin, 513

S

- Salpinctes obsoletus*, 224
obsoletus obsoletus, 38
- Sanderling*, 163
- Sandpiper*, Buff-breasted, 224
 Common, 418
 Least, 224, 227, 229, 240
 Pectoral, 224, 231
 Sharp-tailed, 418
 Solitary, 224, 228-229
 Spotted, 143, 224-225, 227, 229
 Western, 224, 227, 231, 240
- Sapsucker*, Williamson, 36, 224, 325
 Yellow-bellied, 36, 145, 224-225, 231, 325, 441
- Sayornis nigricans*, 38, 224
nigricans aquatica, 145
 phoebe, 36, 188
 saya, 224
saya saya, 38
- Scardafella inca*, 38, 254
- Scaup*, Greater, 163, 223
 Lesser, 163, 223
- Schemanitz*, Sanford D., and Ables, Ernest, notes on the food habits of the great horned owl in western Oklahoma, 328
- Seedeater*, Blue, 265-266, 272
 White-collared, 265
- Seiurus aurocapillus*, 76, 397
aurocapillus aurocapillus, 37, 240-241
noveboracensis, 138, 225, 232
noveboracensis notabilis, 150, 232
- Selander*, Robert K., and Nicholson, Donald J., autumnal breeding of boat-tailed grackles in Florida, 81
- Selasphorus platycercus*, 320
platycercus platycercus, 36
 rufus, 224, 320, 324
 sasin, 324
- Setophaga picta*, 39
ruticilla, 39, 76, 164, 225, 232, 262
- Shearwater*, Christmas Island, 6
 Dusky, 418-419
 Great, 442,
 Greater, 510
 Great Gray, 443
 Little, 443
 Manx, 19
 Short-tailed, 495, 497-498
 Wedge-tailed, 6, 9, 14, 418
- Sheets*, Arthur M., and O'Farrell, Thomas P., birds observed wintering on Middleton Island, Alaska, 440
- Shepherd*, Peter E. K., a breeding record of the redwinged blackbird in Alaska, 440
- Shoveler*, 223
- Shrike*, Loggerhead, 37, 75-76, 78-79, 137, 224, 260
- Shrike-vireo*, Chestnut-sided, 325
- Sialia currucoidea*, 224
mexicana, 224
- mexicana mexicana*, 39
sialis, 260
sialis guatemalae, 149
- Singer*, Arthur, painting of *Micromacronus leyensis*, opp. 3
- Siskin*, Black-capped, 152
 Pine, 38, 225
- Sitta*, 59, 61
canadensis, 224, 231
carolinensis, 188, 224, 271
carolinensis mexicana, 38
pygmaea flavinucha, 36
- Skua*, 511
 South Polar, 488, 496-498
- Skutch*, Alexander F., life histories of honeycreepers, 92
- Snipe*, Common, 35, 224-225, 441
- Snow*, David W., and Collins, Charles T., social breeding behavior of the Mexican tanager, 161
- Solitaire*, Brown-backed, 149
 Townsend, 224, 240
- Sora*, 223, 225, 228
- Sparrow*, Andean, 135
 Black-chested, 269-270, 272
 Black-throated, 38, 225
 Brewer, 225, 228
 Chipping, 225, 227-228, 271
 Fox, 225, 233
 Golden-crowned, 225, 232
 Harris, 164, 225
 House, 204, 206, 220, 225-226, 229, 230, 272, 325
 Lark, 225
 Lincoln, 153, 225-226, 228
 Nuttall, 386
 Rufous-collared, 152
 Rufous-crowned, 38
 Russet-tailed, 271
 Rusty, 152, 270-272
 Rusty-crowned Ground, 268-269
 Sage, 225
 Savannah, 225-226, 228-229, 248, 250
 Sharp-tailed, 240
 Song, 184, 187-191, 193-197, 225, 396
 Tree, 225, 232
 Vesper, 225
 White-crowned, 19, 225, 228, 327, 368-380, 382-386
 White-throated, 164, 225, 233
- Spatula clypeata*, 223
- Speiroops*, 62, 63
melanocephalus, 62
- Speotyto cunicularia*, 38, 224
- Spheniscus mendiculus*, 159-160
- Sphyrapicus thyroideus*, 224, 325 *
thyroideus nataliae, 36
varius, 224, 231, 441
varius daggetti, 231
varius nuchalis, 36, 231, 325
varius varius, 38, 145, 325

- Spinus, 58
atriceps, 152
lawrencei, 225, 232
pinus, 38, 225
pinus macropterus, 38
pinus pinus, 38
psaltria, 225, 265
psaltria psaltria, 39
tristis, 152, 225
- Spiza americana*, 225, 396
- Spizaetus*, 242
willetti, 242
- Spizella arborea*, 225, 232, 478, 480–481
arborea ochracea, 232
atrogularis atrogularis, 39
breweri, 225
pallida, 39
passerina, 225, 271
passerina arizonae, 39
pusilla, 478, 480–481
- Sporophila torqueola*, 265
- Squatarola squatarola*, 224, 230, 418
- Starling*, 19–20, 224–225, 231–232, 395, 439, 512
Micronesian, 418, 431
- Steganopus tricolor*, 224, 240
- Stelgidopteryx ruficollis*, 38, 224, 257
- Stellula calliope*, 324
- Stercorarius parasiticus*, 240, 497
- Sterna fuscata*, 16
fuscata oahuensis, 416, 418, 423, 436
hirundinacea, 511
hirundo, 20
sumatrana sumatrana, 416, 418, 422, 436
- Stilt*, Black-necked, 224–225, 227
- Storer*, Robert W., variation in the red-tailed hawks of southern México and Central America, 77
- Stork*, Jabiru, 177
White, 181
Wood, 169–183
- Streptopelia*, 297
- Streptoprocne*, 361
biscutatus, 361
semicollaris, opp. 361, 361–367
zonaris, 144, 361
- Strix nebulosa*, 164
occidentalis occidentalis, 514
- Sturnella*, 57
neglecta, 20, 39, 151, 225
- Sturnus vulgaris*, 19, 224, 231, 395, 439, 512
- Sula*, 512
bassana, 6
leucogaster brewsteri, 512
leucogaster plotus, 418, 420, 436
sula, 6, 12–17
sula rubripes, 12, 418, 420, 436
willetti, 512
- Swallow*, Amur Barn, 416
Bank, 224, 229, 231
Barn, 224, 227, 229, 258, 326
- Black-capped, 146–147
Cave, 326
Cliff, 147, 224, 229, 257, 326
Eastern Barn, 418
Rough-winged, 224, 229, 257–258
Tree, 224, 227
Violet-green, 36, 147, 224
- Swan*, Trumpeter, 440
Whistling, 223
- Swift*, Black, 79, 362
White-collared, 144
White-naped, opp. 361, 361–367
White-throated, 35, 79, 224
Vaux, 224
- Swiftlet*, Carolines, 418, 427–428
Gray-rumped, 361
- Sylvia atricapilla*, 19
borin, 19
communis, 19
- T**
- Tachycineta thalassina*, 36, 147, 224
thalassina lepida, 36
thalassina thalassina, 36
- Tamura, M., and Marler, P., song "dialects" in three populations of white-crowned sparrows, 368
- Tanager*, Common Bush, 151, 506
Golden-masked, 100
Hepatic, 265
Mexican, 161
Plain-colored, 92
Song, 100, 105, 108–110, 116
Summer, 38, 151
Western, 225–226
- Tanagra musica elegantissima*, 151
- Tangara*, 113, 161
larvata, 100, 161
inornata, 92
- Tangavir aeneus*, 263–264
- Tattler*, American Wandering, 418
Gray-tailed, 418
- Teal*, Blue-winged, 20, 22–26, 28–29, 31–32, 34, 223, 227
Cinnamon, 34, 223, 225, 229
Green-winged, 20, 22, 25–27, 34, 223, 225
- Telmatodytes palustris*, 224
- Tern*, Black, 224
Black-naped, 418, 422–423, 425
Cayenne, 511
Common, 20
Crested, 418, 423
Fairy, 418, 422, 425
Gull-billed, 511
Large-billed, 511
Royal, 511
Sooty, 16, 418, 423–424
South American, 511

- Thalasseus bergii pelecanoides*, 418, 423, 436
elegans, 511
erygnathus, 511
maximus, 511
sandvicensis, 511
sandvicensis erygnathus, 511
- Thalurania colombica*, 93
furcata, 320
glaukopis, 320
- Thrasher*, Brown, 224
Crissal, 224
Curve-billed, 37, 204, 259
LeConte, 220, 224, 226
Ocellated, 258
Sage, 224
- Thrush*, Aztec, 325
Gray's, 105
Hermit, 37, 224, 231
Olive-backed, 396-397
Swainson, 224, 231
Varied, 224
- Thryomanes bewickii*, 37, 224
bewickii eremophilus, 37
bewickii murinus, 37
- Thryothorus ludovicianus*, 478
pleurostictus, 258, 264
- Tit*, Great, 134
- Titmouse*, Plain, 134-139
Tufted, 134
- Totanus flavipes*, 224, 231
melanoleucus, 224
- Toucanet*, Emerald, 145
- Towhee*, Abert, 57
Brown, 57
Green-tailed, 225, 232
Red-eyed, 152
Rufous-sided, 184, 225, 232, 267
- Toxostoma curvirostre*, 37, 204, 259
curvirostre celsum, 37
curvirostre oberholseri, 37
dorsale, 224
dorsale dumosum, 39
lecontei, 224
ocellatum, 258
rufum, 224
- Tringa nebularia*, 418
solitaria, 224
- Tripsurus chrysachen*, 93, 106
- Troglodytes aedon*, 37, 195, 224, 258
aedon cahooni, 37
aedon compositus, 37
aedon parkmanii, 38
musculus intermedius, 148
rufociliatus, 148
rufociliatus rufociliatus, 148
troglodytes, 184, 224, 231, 240
- Trogon mexicanus*, 255
mexicanus mexicanus, 144
viridis, 93
violaceus, 93
- Trogon*, Mountain, 144-145, 255
Violaceous, 93
White-tailed, 93
- Tropic Bird*, Red-tailed, 6-12, 15, 17, 418-419, 512
White-tailed, 418-419
- Tryngites subruficollis*, 224
- Turdus assimilis*, 259
grayi, 105
infuscatus, 148
migratorius, 28, 188, 192, 224, 259, 272, 395, 478
migratorius propinquus, 39
plebejus differens, 148
rufitorques, 148
- Turnstone*, 418
- Tyrannus tyrannus*, 224
verticalis, 36, 224
vociferans, 75, 224, 231
vociferans vociferans, 38
- Tyto alba*, 242
- U**
- Urubitinga urubitinga*, 156
- V**
- van Tienhoven, Ari, and Phillips, Richard E., some physiological correlates of pintail reproductive behavior, 291
- Vaurie, Charles, a systematic study of the red-backed hawks of South America, 277
- Verdin, 224, 226
- Vermivora celata*, 37, 224
celata celata, 37
celata orestera, 37
crissalis, 37
luciae, 224, 232
peregrina, 76
ruficapilla, 224, 232
ruficapilla ruficapilla, 37
superciliosa, 262
supercilosa mexicana, 39
superciliosa superciliosa, 150
- Violet-ear, Green, 144
- Vireo, 40-68, 273, 505, 507
altiloquus, 45, 47-48, 50-51
altiloquus magister, 45
atricapillus, 43-45, 47-48, 51-53
bairdi, 45, 47-48, 50-51
bellii, 43-45, 47-48, 50-51, 53, 75, 224, 273-275
bellii bellii, 37
bellii medius, 39
carmioli, 45, 47-48, 51, 505, 507-508
chivi, 506-507
chivi caucae, 506

- chivi chivi, 506
flavifrons, 42–43, 45, 47–48, 50–51, 53, 62,
 505, 507
flavoviridis, 45, 47–48, 50–51, 53, 262–264,
 274, 506–508
flavoviridis flavoviridis, 149
gilvus, 43–45, 47, 49–53, 224, 275, 505, 508
gilvus swainsonii, 149
griseus, 43–45, 47–51, 53–54, 64, 505, 507
griseus caribaeus, 45
griseus crassirostris, 45
griseus gundlachii, 45
griseus modestus, 45, 54
huttoni, 43, 45, 47–48, 51, 53, 260
huttoni carolinae, 37
huttoni stephensi, 37
huttoni vulcani, 149
hypochryseus, 45, 47–48, 50–51, 260–261, 272
latimeri, 44–45, 47–48, 51
leucophrys, 45, 47, 49–51, 53, 505, 508
leucophrys chiriquensis, 507
nanus, 43, 45, 47–48, 50–51
nelsoni, 45, 47, 49, 51
olivaceus, 42–45, 47–48, 50–51, 53, 64, 163,
 273–276, 505–508
osburni, 43, 45, 47–48, 51, 54
pallens, 45, 47, 48, 51
pallens ochraceus, 45
philadelphicus, 43, 45, 47, 49–51, 53, 505, 507
solitarius, 43, 45–48, 50–51, 53, 62, 224, 275,
 505
solitarius alticola, 51
solitarius solitarius, 39, 149
vicinior, 43, 45, 47–49, 51, 53, 505
- Vireo, Bell, 37, 44, 47, 49, 75, 224, 273–276
 Black-capped, 44, 46–47
 Black-whiskered, 47
 Brown-capped, 47, 51, 52, 505–506
 Cozumel, 47
 Dwarf, 47, 49
 Golden, 47, 260–261, 272
 Gray, 47, 49, 505
 Hutton, 37, 43–44, 46–47, 149, 260
 Latimer, 44, 47
 Lawrence, 47
 Mangrove, 47
 Osburn, 47
 Philadelphia, 47
 Red-eyed, 42, 44, 46–47, 163, 273–276, 506
 Slaty, 262, 272
 Solitary, 43–44, 46–47, 149, 224, 275, 505
 Warbling, 47, 149, 224, 227, 229, 275, 505
 White-eyed, 44, 47, 49, 505
 Yellow-green, 47, 149, 262–263, 274, 506
 Yellow-throated, 42, 44, 47, 505
 Yellow-winged, 47, 505
- Vireolanius melitophrys, 325
 Volatinia jacarina, 272
 Vulture, Black, 142, 156, 325
 Turkey, 142, 223, 227, 229, 234–235
- W**
- Warbler, Audubon, 150, 224–225
 Black-and-White, 150, 163, 224, 232
 Blackburnian, 150, 262
 Black-throated Blue, 164
 Black-throated Gray, 224
 Canada, 151
 Colima, 37
 Crescent-chested, 150
 Garden, 20, 30
 Golden-browed, 151
 Golden-cheeked, 37
 Härtlaub, 262
 Hermit, 150, 225, 232
 Kentucky, 150
 Lucy, 224, 232
 MacGillivray, 38, 150, 225–227
 Magnolia, 224, 232
 Myrtle, 150, 224
 Nashville, 37, 224, 228, 232
 Nightingale Reed, 418, 428–429, 433
 Orange-crowned, 37, 224, 227
 Palm, 225, 232
 Pileolated, 150
 Pink-headed, 151
 Red-faced, 151
 Rufous-capped, 151, 264
 Townsend, 150, 224
 Wilson, 225–226, 228, 506
 Yellow, 187–190, 193, 195, 197, 224, 226
 Yellow-throated, 37
- Warner, Dwain W., and Dickerman, Robert W.,
 a new orchard oriole from México, 311
- Waterthrush, Northern, 138, 150, 225, 232
- Wauer, Roland H., a survey of the birds of Death
 Valley, 220
- Waxwing, Cedar, 149, 224
- Weaver-Finch, Black-breasted, 416, 418
- Whimbrel, 224, 231, 418
- Whip-poor-will, 35, 144
 Ridgway, 161, 254
- White, Clayton M., prairie falcon displays accipi-
 trine and circinine hunting methods, 439
- White-eye, Bridled, 418, 433–434
 Truk Greater, 418, 434–435
- Widgeon, American, 34, 223, 225
 European, 223, 230
- Wiggins, Ira L., horned lark captured in flight by
 loggerhead shrike, 78
- Willet, 224, 231
- Wilsonia canadensis, 151
 pusilla, 150, 225, 506
 pusilla pileolata, 39, 150
- Woodcreeper, Spot-crowned, 145
- Woodhewer, Ivory-billed, 255
 White-striped, 255
- Wood-partridge, Buffy-crowned, 143
- Woodpecker, Acorn, 145
 Downy, 126–133
 Golden-fronted, 36, 57

- Golden-naped, 93, 106-107
 Greater Spotted, 132-133
 Hairy, 36, 127-128, 132, 145, 224, 231
 Ladder-backed, 36
 Lesser Spotted, 132, 162
 Lewis, 224-225
 Pileated, 128
 Red-bellied, 57, 128
 Strickland, 324
Wren, Banded, 258
 Banded-backed, 145, 148, 209
 Bewick, 37, 224-225
 Cactus, 36, 199-212
 Canyon, 258
 Gray-breasted Wood, 148
House, 37, 195, 224, 272
 Long-billed Marsh, 224-225
 Northern House, 258
 Rock, 220, 224
 Rufous-browed, 148
 Southern House, 148
 Winter, 184, 224, 231, 240

X

- Xanthocephalus xanthocephalus**, 39, 225
Xiphorhynchus flavigaster, 255

Y

- Yellowlegs, Greater**, 224
 Lesser, 224, 231
Yellowthroat, 225-227
Yocom, Charles F., Crispens, Charles G., Jr., and Buss, Irven O., additional data on food of California quail in eastern Washington, 166

Z

- Zenaida asiatica**, 38, 224, 231
Zenaidura macroura, 165, 224, 251, 478
 macroura marginella, 38
Zonotrichia albicollis, 164, 225, 233, 478
 atricapilla, 225, 232
 capensis, 135, 152
 capensis septentrionalis, 152
 leucophrys, 19, 225, 232, 327, 368-378
 leucophrys gambelii, 382, 388
 leucophrys nuttalli, 327, 368, 380, 386-388
 leucophrys oriantha, 378-389
 leucophrys pugetensis, 327, 386, 388
 querula, 164, 225
Zosterops, 5, 62-63
 conspicillata owstoni, 416, 418, 433-434, 436
 stenocricota, 62