

INDEX TO VOLUME 71

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

A

- Acanthidops bairdi**, 431
- Acanthis flammea**, 316–330
- Accipiter cooperii**, 24
 - gentilis*, 77
 - striatus*, 25
- Aceros subruficollis**, 434
 - undulatus*, 434
- Aechmophorus occidentalis**, 180
- Aegolius acadicus**, 332
 - acadicus acadicus*, 439
- Aethia**, 386–398
 - cristatella*, 386, 388, 390–397
 - pusilla*, 386, 388, 390–398
- Agapornis**, 275, 276
- Agelaius phoeniceus**, 41, 225, 226, 276, 291–298, 426
 - tricolor*, 226
- Agnopteryidae**, 158
- Agnopterus hantoniensis**, 158
 - laurillardii*, 158
 - turgaiensis*, 158
- Aimophila cassinii**, 71
 - ruficeps*, 401
- Aix sponsa**, 331
- Ajaia ajaja**, 161
- Albatross**, Black-footed, 102, 109
 - Laysan, 102–112, 114
 - Light-mantled Sooty, 109
 - Royal, 102, 105, 108, 109
 - Sooty, 109
 - Wandering, 109
 - Yellow-nosed, 109, 110
- Alcidae**, 386, 395
- Amadina fasciata**, 142, 143
- Amaurolimnas concolor**, 428
- Amblycercus holosericeus**, 252
- Ammodramus bairdii**, 226
 - savannarum*, 226
- Ammospiza caudacuta**, 225
 - maritima*, 225
- Amphimorphae**, 156
- Amphispiza**, 88
 - bilineata*, 1, 92
 - bilineata bangsi*, 92
 - bilineata cana*, 92
 - bilineata carmeni*, 92
 - bilineata deserticola*, 92
 - bilineata grisea*, 92
 - bilineata pacifica*, 92
- Anas**, 170, 171, 175, 176
 - acuta*, 172, 276, 423
 - castanea*, 188
 - erythrорhyncha*, 172, 173, 174
 - platyrhynchos*, 172, 173, 175, 283
 - poecilorhyncha*, 171, 175
- Anastomus**, 160
- Anatidae**, 157, 162–167, 185, 186
- Anatiniae**, 165, 166
- Anhima**, 170, 172
 - cornuta*, 172
- Anhimae**, 156, 157
- Anhimidae**, 157, 160, 161, 163, 167
- Anhimiformes**, 156
- Ani**, Smooth-billed, 46
- Anous stolidus**, 114
- Anser**, 170
 - fabalis*, 172
 - Anseranas**, 157, 160, 163, 165, 166, 167
 - Anseranatinae**, 157, 165
 - Anseres**, 156, 157
 - Anseriformes**, 155–157, 159–162, 164–168, 170, 172, 176
 - Anserinae**, 157, 164–166
 - Anthus spinolella**, 333
 - spinolella alticola*, 333
 - spinolella geophilus*, 333
 - spinolella pacificus*, 333
 - spinolella rubescens*, 333
 - Antpitta**, Scaled, 430
 - Antshrike**, Barred, 252, 430
 - Antvireo**, Plain, 430
 - Ao**, 69–71
 - Aphelocoma**, 360, 364, 365, 371–374
 - argentigula*, 371, 372
 - coerulescens*, 24, 353, 371–373
 - cucullata*, 364, 371, 372, 374
 - mirabilis*, 364, 371, 372
 - nana*, 364, 371, 372
 - pulchra*, 365, 371, 372, 374
 - pumilo*, 364, 371, 372
 - ultramarina*, 353, 371, 372, 402
 - ultramarina arizonae*, 373
 - ultramarina couchii*, 373
 - ultramarina sordida*, 373
 - unicolor*, 364, 371, 372
 - viridicyana*, 364, 365, 371, 372
 - viridicyana armillata*, 365
 - viridicyana cyanolaema*, 365
 - viridicyana jolyae*, 365
 - viridicyana meridiana*, 365, 372, 374
 - viridicyana quinduina*, 365, 372
 - viridicyana turcosa*, 365
 - viridicyana viridicyana*, 365, 372
 - Aphelocomini**, 360
 - Aphrastura spinicauda**, 439
 - Ara macao**, 429
 - Araçari**, Collared, 248
 - Archaeopteryx**, 157
 - Archilochus alexandri**, 23, 237, 401
 - Ardea**, 156, 162, 170–172, 175, 178
 - goliath*, 172, 173
 - herodias*, 166, 170–172
 - melanocephala*, 175
 - purpurea*, 172–175
 - Ardeidae**, 156, 157, 160, 163–165, 167
 - Ardeiformes**, 156
 - Ardeini**, 166
 - Arremon**, 237
 - Asio otus**, 188
 - Asyndesmus lewisi**, 233
 - Atlapetes brunneinucha**, 237
 - Auklet**, Crested, 386, 388, 391, 396, 397
 - Least*, 386, 388, 391, 395, 397
 - Parakeet*, 386, 390–392, 397, 398
 - Auriparus flaviceps**, 27, 90, 91
 - flaviceps acaciарum*, 90
 - flaviceps fraterculus*, 90, 91
 - flaviceps ignatius*, 90
 - flaviceps lamprocephalus*, 90
 - flaviceps ornatus*, 90
 - Austin**, George T., New and additional records of some passerine birds in southern Nevada, 75–76

Aythya, 171, 288, 289
affinis, 280-290
americana, 280-290
collaris, 288
marila, 171, 288
marila nearctica, 439
valisineria, 80, 280-290

B

Balaeniceps, 160
Balaenicipites, 156
Balaenicipitidae, 157

Balda, Russell P., Foliage use by birds of the oak-juniper woodland and ponderosa pine forest in southeastern Arizona, 399-412

Banks, Richard C., Relationships of the avifauna of San Estéban Island, Sonora, 88-93

Banks, Richard C., and Donald E. Lewis, Bird records from Nevada, 439-441

Barbet, d'Arnaud's, 142

Bartholomew, George A., see Howell, Thomas R., and —

Bartonek, James C., and Joseph J. Hickey, Food habits of Canvasbacks, Redheads, and Lesser Scaups in Manitoba, 280-290

Bédard, Jean, The nesting of the Crested, Least, and Parakeet Auklets on St. Lawrence Island, Alaska, 386-398

Bishop Bird, 207, 210

Bittern, 157, 164

Least, 427

Pinnated, 427

Blackbird, Red-winged, 41, 42, 225, 276, 291-298, 426
Yellow-headed, 334

Bluebird, Western, 24, 25, 402, 407, 409

Blythipicus, 228, 231, 232

pyrrhotis, 231, 232

rubiginosus, 232

Bobwhite, 1, 2

Bombycilla cedrorum, 430

Botaurus pinnatus, 427

Brant, Atlantic, 270, 275, 276

Branta, 170, 172, 276

bernicla, 172, 173, 270

canadensis, 80, 81, 172, 297

canadensis canadensis, 81

canadensis leucopareia, 80

canadensis minima, 80

canadensis moffitti, 81

canadensis parvipes, 80, 81

canadensis taverneri, 80, 81

Bretz, William L., see Schmidt-Nielsen, Knut, and —

Brotogeris jugularis, 248

Brush, Alan H., On the nature of "cotingin," 431-433

Bubalornis albirostris, 142, 143

Bubo virginianus, 24, 41, 73, 188

Bubuleus ibis, 426

Bucephala albeola, 80

albeola americana, 80

clangula, 80

Budgerigar, 125

Bufflehead, 80

Bullfinch, 317, 320, 326, 327, 328

Bunting, Indigo, 75, 334, 440, 441

Lazuli, 24, 440, 441

Painted, 1, 43, 430

Snow, 382

Bush-shrike, African, 226, 227, 233, 238

Bushtit, Common, 401, 403, 404, 411

Buteo albicaudatus, 427

albonotatus, 428

jamaicensis, 40, 427

lagopus, 76

lineatus, 2, 40, 41

swainsoni, 428

Buteogallus anthracinus, 331

Butorides, 170, 171

striatus, 172

virescens, 40, 41, 170, 171, 331

virescens anthonyi, 331

C

Cacique, Yellow-winged, 249, 254

Calcarius lapponicus, 382

lapponicus alasensis, 434

ornatus, 434

Callipepla squamata, 2

Calocitta, 363, 368, 370, 371, 373

Calypte anna, 226, 237

costae, 237, 332, 433

Campbell, John M., Canvasback, Common Goldeneye, and Bufflehead in Arctic Alaska, 80

Campbell, John M., Subspecific status of *Branta canadensis* in the Central Brooks Range, Alaska, 80-81

Campbell, R. Wayne, Occurrence and nesting of Wilson's Phalaropes at Vancouver, British Columbia, 434

Campbell, R. Wayne, and D. Loren Frost, Additional notes on the White Pelican colony at Stum Lake, British Columbia, 73

Campephaga phoenicea, 142, 143

Campephilus, 228, 232

principalis, 232, 233

principalis bairdii, 233

principalis principalis, 233

Campylorhynchus, 249, 252

brunneicapillus, 2, 32-37

rufinucha, 252

rufinucha capistratus, 254

Canary, 206, 275

Cantu, Gilbert, see Selander, Robert K., and —

Canvasback, 80, 280-290

Caprimulgus carolinensis, 429

europaeus, 49

vociferus, 429

Cardinal, 1-15, 40-43, 47, 94, 99

Carduelis flammea cabaret, 316-330, 382

flammea flammea, 317

spinus, 320

Carpodacus mexicanus, 36, 91

mexicanus frontalis, 91, 92

mexicanus ruberrimus, 91, 92

mexicanus sonoriensis, 92

Carr, Larry R., see Vohs, Paul A., Jr., and —

Caryothrautes poliogaster, 430

Cassiculus melanicterus, 249, 254

Cassidix mexicanus, 2, 41, 430

nicaraguensis, 430

Catbird, 440

Common, 430

Cathartes macrourus, 59-67

Cathartes aura, 427

burrovianus, 427

Centurus, 244, 248

aurifrons, 226, 233

carolinus, 41, 233

hoffmannii, 246, 430

- pucherani, 430
rubricapillus, 248
supercilialis, 125
uropygialis, 226, 233
- Cephus columba*, 105, 392
- Cereopsis novaehollandiae*, 172
- Certhia familiaris*, 407
- Chaetura*, 429
cinereiventris, 429
spinicauda, 429
vuxii, 429
- Chaffinch*, 13, 14, 94, 99, 100, 264, 299, 321, 381, 383
- Chamaea fasciata*, 24
- Charadriiformes*, 156, 162, 176
- Chauna*, 161, 170
chavaria, 172
torquata, 170, 171
- Chenomorphae*, 156
- Chickadee, Blackcapped*, 95, 97, 100, 332
Carolina, 2
- Chingolo*, 299–315
- Chlidonias niger*, 428
- Chlorophoneus*, 226, 227
sulphureopectus, 227
- Chondestes grammacus*, 1
- Chondrohierax uncinatus*, 427
- Chordeiles acutipennis*, 49, 332
acutipennis texensis, 332
gundlachii, 46
minor, 49
- Chrysococcyx caprius*, 141
klaas, 141, 143
- Chrysocolaptes*, 228, 229, 230, 231
festivus, 229
lucidus, 229, 230, 231
lucidus erythrocephalus, 222, 230, 231
lucidus stricklandi, 222
lucidus sultaneus, 222
lucidus xanthocephalus, 222, 230, 231
vallidus, 229
- Chuck-will's-widow*, 429
- Ciccaba nigrolineata*, 429
- Ciconia*, 170, 171, 176
ciconia, 146–154, 165, 170, 171, 175
- Ciconiidae*, 156, 157, 160, 163, 167
- Ciconiiformes*, 156, 157, 159, 160–168, 170, 172, 176, 431
- Cissa*, 373
- Cissilopha*, 363, 367–371, 373
- Clamator*, 143
glandarius, 141, 143, 144
jacobius, 141
levaillantii, 141
- Clangula hyemalis*, 175
- Coccyzus americanus*, 40, 41, 43, 332, 429
americanus occidentalis, 332
erythrophthalmus, 429
minor, 429
- Cochlearius cochlearius*, 427
- Cody, Martin L., Convergent characteristics in sympatric species: a possible relation to interspecific competition and aggression, 222–239
- Cohn, Jerome E., see Schmidt-Nielsen, Knut, and —
- Colaptes*, 206, 245
auratus, 206–211, 229
auratus borealis, 439, 440
auratus luteus, 208, 439, 440
cafer, 206–211, 401
- Colinus virginianus*, 1
- Colius*, 144
colius, 142, 144
striatus, 140, 144
- Collombigallina minuta*, 416, 429
passerina, 2, 332, 416, 429
passerina pallescens, 332
talpacoti, 416, 429
- Columba*, 72
fasciata fasciata, 439
fasciata monilis, 439
- Columbidae*, 72
- Condor, Andean*, 73–75
California, 75
- Conirostrum*, 236
- Contopus pertinax*, 407
sordidulus, 24, 407
- Coracina caesia*, 142, 143
- Coragyps atratus*, 427
- Corvus brachyrhynchos*, 275
corax, 76
frugilegus frugilegus, 267
ossifragus, 41
- Corbin, Kendall W., see Sibley, Charles G., and —
- Corvidae*, 78
- Corvus corax*, 478
- Cotinga cotinga*, 431
- Cotingidae*, 431, 432
- Cowbird, Argentine*, 270
Brown-headed, 2, 22, 26, 30, 275
Giant, 430
- Crake, Uniform*, 428
Yellow-breasted, 428
- Creeper, Brown*, 407
- Crossbill, Red*, 79
- Crotophaga ani*, 46
- Crow, Common*, 275
Fish, 41
- Cuckoo, African*, 141
Black, 141
Black-billed, 429
Diederik, 141
European, 144
Great Spotted, 141
Jacobin, 141
Klaas, 141
Mangrove, 429
Squirrel, 429
Yellow-billed, 40, 41, 43, 46, 332, 429
- Cuckoo-shrike*, 143
Black, 142
Gray, 142
- Cuculus*, 143
cafer, 141
canorus canorus, 144
canorus gularis, 141
clamosus, 141
- Cursores*, 156
- Cyanocitta*, 360, 365, 368, 370, 371, 373
cristata, 40–43, 362–365, 367, 368, 370, 371
stelleri, 353, 362–365, 367, 368, 370, 371, 407
- Cyanocoraci*, 360
- Cyanocorax*, 360–363, 365, 366, 368–371, 373
affinis, 361, 363–365, 368–371
affinis affinis, 366
affinis zeledoni, 366
beecheii, 362–364, 367–371
caeruleus, 363–368, 372
cayanus, 362–366, 371

chrysops, 361, 363–365, 368–373
 chrysops chrysops, 365
 chrysops diesingii, 365
 chrysops interpositus, 364, 365
 chrysops tucumanus, 365
cristatellus, 362–364, 366–368, 370, 371, 373
cyanomelas, 363, 366, 367, 369, 372
cyanopogon, 363–365
dickeyi, 361, 363–365, 368–373
formosa, 362–364, 368, 371
formosa azurea, 368
formosa colliei, 367, 368
formosa formosa, 367, 368
heilprini, 363, 366
melanocyannea, 363, 367–370
morio, 362–364, 367, 368, 371, 372
mystacalis, 361, 363–365, 368–373
sanblasiana, 362, 363, 367–370
violaceus, 362–364, 366–369, 371–373
violaceus pallidus, 366
violaceus violaceus, 366
yncas, 361–364, 366, 367, 370, 372
yncas galeata, 367
yucatanica, 362–364, 367–370
Cyanolyca, 360, 371, 373
 mirabilis, 360
Cyclorrhynchus, 386, 388, 389, 392, 397, 398
psittacula, 386, 387, 397

D

Dawson, William R., and Charles D. Fisher, Responses to temperature by the Spotted Nightjar (*Eurostopodus guttatus*), 49–53
 Dawson, William R., see Lasiewski, Robert C., and —
Denrocopus borealis, 46
lignarius, 439
nuttallii, 23
pubescens, 42, 43, 233, 436, 439
scalaris, 88
scalaris cactophilus, 88, 89
scalaris eremicus, 89
scalaris lucasanus, 89
scalaris sinaloensis, 89
vilosus, 46, 436
Dendroica aestiva, 333
aestiva amnicola, 333
aestiva morcomi, 333
auduboni, 407
coronata, 440
dominica, 43, 47
graciae, 75, 403
nigrescens, 401
petechia gundlachi, 46
pinus, 43
striata lurida, 440
Dichromanassa rufescens, 166
 Dick, James A., see Savage, Howard, and —
Dickcissel, 430
Diglossa, 236
Dinopium, 228, 229, 230, 231
benghalense, 229, 230
benghalense benghalense, 222, 230
benghalense dilutum, 230
benghalense erythronothon, 222
benghalense tehmiae, 230
javense, 229, 231
javense everetti, 222, 229, 230, 231
javense malabaricum, 230
rafflesi, 229
shorii, 229

Diomedea, 114
bulleri, 102, 109, 110
chlororhynchos, 109
epomophora, 105, 109, 110
epomophora sanfordi, 108
exulans, 109, 110
immutabilis, 102–112, 114
nigripes, 102
Diomedaeidae, 109
 Dixon, Keith L., Patterns of singing in a population of the Plain Titmouse, 94–101
Dove, Ground, 2, 332
 Inca, 429
 Mourning, 36, 40, 41, 45, 429
 Ruddy Quail-, 72
 White-winged, 332
Dowitcher, Long-billed, 428
Dryocopus, 228, 231, 232, 361
lineatus, 231, 232, 245
lineatus mesorhynchus, 222
martius, 223
pileatus, 232, 233
pileatus abieticola, 233
pileatus picinus, 233
pileatus pileatus, 233
Duck, Masked, 427
 Ring-necked, 288
 Ruddy, 288
 Wood, 331
Dumetella carolinensis, 430
carolinensis ruficrissa, 440
Dunlin, 332
 Dyer, M. I., see Lewies, R. W., and —
Dysithamnus mentalis, 430

E

Eagle, Bald, 46
Egret, Cattle, 426
 Reddish, 166
 Snowy, 166
Elanoides forficatus, 427
Elanus leucurus, 427
 Elbel, Robert E., The taxonomic position of the hornbill *Rhyticeros plicatus subruficollis* (Blyth) as indicated by the Mallophaga, 434–435
Elornis, 158, 159
anglicus, 158
grandis, 158
littoralis, 158
Empidonax difficilis, 24
difficilis difficilis, 440
difficilis hellmayri, 440
traillii, 276
virescens, 43, 430
Eremophila alpestris, 434
Erolia alpina, 332
alpina pacifica, 332
melanotos, 331
 Erpino, Michael J., Seasonal cycle of reproductive physiology in the Black-billed Magpie, 267–279
Eudocimus ruber, 161
Euphonia anneae, 430
Euphonia, Tawny-capped, 430
Euplectes franciscanus, 210
nigroventris, 210
taha, 210
Eurostopodus guttatus, 49–53
 Evans, P. R., Ecological aspects of migration, and

premigratory fat deposition in the Lesser Redpoll, *Carduelis flammea cabaret*, 316-330

F

Falco, 76

- columbarius richardsonii*, 433
- peregrinus*, 76
- rusticulus*, 76
- sparverius*, 46

Falcon, Laughing, 361

Falconiformes, 156

Farner, Donald S., see Morton, Martin L., and —

Finch, Cut-throat, 142

- House, 36, 91, 92
- Peg-billed, 431
- Rosy, 433
- Scaly-feathered, 142, 144
- Slaty, 431

Firefinch, Jameson's, 142

Fisher, Charles D., see Dawson, William R., and —

Fisher, Harvey I., Eggs and egg-laying in the Laysan Albatross, *Diomedea immutabilis*, 102-112

Flamingo, Greater, 155

- Lesser, 155

Flicker, Red-shafted, 401, 407

- Yellow-shafted, 229, 439

Florida caerulea, 172

Flycatcher, Acadian, 43, 430

- Alder, 276
- Ash-throated, 89, 92, 93, 401
- Black-tailed, 430
- Coues', 407
- East African Black 142
- Great Crested, 41, 43
- Scissor-tailed, 1
- Social, 254
- Western, 24, 440
- Weid's Crested, 433

Forpus spengeli, 248

- xanthopterygius*, 248

Fratercula, 392

- arctica, 81
- corniculata, 81

Fringilla coelebs, 94, 264, 299, 376, 381, 383

Fringillidae, 78

Frost, D. Lorne, see Campbell, R. Wayne, and —

Fulmar, 102, 109, 277

Fulmaris glacialis, 102, 277

G

Gallinula angulata, 143

- choropus*, 140, 144, 331

Gallinule, Common, 331

Gallornis, 157, 158, 159

- straeleni*, 158

Callus, 175

- gallus*, 174

Garrulus, 373

Gavia, 175

- arctica*, 76

- stellata*, 76, 174

Geococcyx californianus, 1, 2, 52

Geocolaptes olivaceus, 142, 144

Geothlypis trichas, 40, 41, 333, 430

- trichas occidentalis*, 333

- trichas scripicola*, 333

Geotrygon montana, 72

Glaucidium gnoma, 24, 332

gnoma pinicola, 332

Gnatcatcher, Black-tailed, 17, 27, 30, 333

Blue-gray, 16-31, 43, 45, 91, 92, 410

Goldeneye, Common, 80

Goldfinch, Lawrence, 24

Lesser, 24

Goose, Canada, 80-81, 297

Magpie, 157

Goshawk, 77

Grackle, Boat-tailed, 2, 41, 42, 435

Common, 41, 42

Great-tailed, 430, 435

Nicaraguian, 430

Grallae, 156

Grallaria guatimalensis, 430

Grallatores, 156

Grebe, Eared, 180-183, 190-195, 197-201, 203, 204

Great, 180, 190, 191, 193, 194, 197, 199, 203, 204

Great Crested, 180, 184, 186, 188-200, 203, 204

Horned, 180-205

Pied-billed, 184, 186, 187, 189, 190, 199, 200, 203

Red-necked, 180, 182, 186, 187, 190-195, 197-200, 203, 204

Silver, 180, 188, 189, 191-196, 198, 200, 203, 204

Taczanowski's, 180, 188-195, 198, 200, 203, 204

Western, 180, 182, 186, 188-193, 196-200, 203, 204

Greenbul, Fischer's, 142

Gressores, 156

Grosbeak, Black-faced, 430

Black-headed, 24, 433

Blue, 2

Rose-breasted, 440

Ground-dove, 2

Common, 429

Plain-breasted, 429

Crouse, Ruffed, 414

Guara, 172

alba, 170, 172

Guillemot, Pigeon, 105, 392, 395

Guiraca caerulea, 2

Gull, California, 275

Franklin's, 332, 428, 429

Galapagos Swallow-tailed, 106

Herring, 73, 187, 428

Laughing, 428, 429

Ring-billed, 424-431

Gymnorhinus, 360

cyanocephala, 356

Gygis alba, 114

H

Haavie, Joan H., see Sibley, Charles G., and —

Hainsworth, F. Reed, see Ricklefs, Robert E., and —

Haliaeetus leucocephalus, 46

Hall, Edwin S., Jr., Avian remains from the Kangiguk-suk site, northern Alaska, 76-77

Haplocichla, 126, 127

aurantia, 126

swalesi, 126

Hardy, John William, A taxonomic revision of the New World jays, 360-375

Hawk, Bay-winged, 428

Black, 331

Cooper's, 24, 25

Harris's, 2

Pigeon, 433

Red-shouldered, 2, 40, 41

Red-tailed, 40, 427

Rough-legged, 76, 77

- Sharp-shinned, 25
 Sparrow, 46
 Swainson's, 428
 White-tailed, 427
 Zone-tailed, 428
Hemicercus, 228, 230, 231
 canente, 230, 231
 canente canente, 222
 concretus, 230, 231, 232
Herodius, 156
Herodiones, 156
Heron, Black-crowned Night, 167
 Boat-billed, 427
 Great Blue, 166
 Green, 40, 41, 170, 331
 Yellow-crowned Night, 42
Herpetotheres cachinnans, 361
Herzog, Andrew, see Lemon, Robert E., and —
Hickey, Joseph J., see Bartonek, James C., and —
Himantopus mexicanus, 428
Hirundinidae, 78
Hirundo rustica, 430
Honey-guide, Lesser, 142
 Scaly-throated, 142
Howard, Hildegarde, A new avian fossil from Kern County, California, 68–69
Howell, Thomas R., and George A. Bartholomew, Experiments on nesting behavior of the Red-tailed Tropicbird, *Phaethon rubricauda*, 113–119
Hummingbird, Anna's, 237, 433
 Black-chinned, 23, 236, 401, 403
 Broad-tailed, 407
 Costa's, 236, 332, 433
Hydrobatidae, 78
Hylocichla guttata, 333
 guttata auduboni, 333
 guttata guttata, 333
 mustelina, 43
 ustulata, 333
 ustulata swainsonii, 333
Hypocheras amauropyx, 143
- I**
- Ibis*, Glossy, 427
 Scarlet, 161, 431
 White-faced, 427
 Wood, 157, 164
Icteridae, 78, 241
Icterus, 241, 247–250
 bullockii, 430
 cucullatus, 334
 cucullatus nelsoni, 334
 galbula, 430
 leucopteryx, 121
Ictinia mississippiensis, 427
 plumbea, 427
Indicator minor, 142, 143
 variegatus, 142, 144
Indigo-bird, 143
Ixobrychus exilis, 427
Ixoreus naevius, 75
- J**
- Jabiru*, 157
Janzen, Daniel H., Birds and the ant × acacia interaction in Central America, with notes on birds and other myrmecophytes, 240–256
Jay, Black, 371
- Blue, 40–43, 45, 368, 371
 Brown, 247, 248, 368, 369, 373
 Green, 370
 Mexican, 353–358, 402
 Piñon, 356, 358
 Scrub, 24, 30, 353–358
 Steller, 353–358, 371, 407
Johnston, David W., The thrushes of Grand Cayman Island, B. W. I., 120–128
Johnston, Richard F., Taxonomy of House Sparrows and their allies in the Mediterranean Basin, 129–139
Junco oreganus, 24
 phaeonotus, 407
Junco, Mexican, 407, 409
 Oregon, 24
- K**
- Kanwisher*, John, see Schmidt-Nielsen, Knut, and —
King, James R., see Morton, Martin L., and —
Kingbird, Eastern, 41, 42, 75, 433
 Gray, 46
Kinglet, Golden-crowned, 75
 Ruby-crowned, 27
Kiskadee, Great, 247
Kite, Hook-billed, 427
 Mississippi, 427
 Plumbeous, 427
 Snail, 427
 Swallow-tailed, 427
 White-tailed, 427
Kittiwake, 105
Koplin, James R., The numerical response of woodpeckers to insect prey in a subalpine forest in Colorado, 436–438
- L**
- Lagonosticta jamesoni*, 142
 rhodopareia, 143
 rhodopareia jamesoni, 142
Lagopus lagopus, 54–58, 76
 mutus, 76
Lamelliostores, 156
Lanius excubitor, 75
 excubitor invictus, 433
 ludovicianus, 25, 42, 255
Laridae, 59
Lark, Horned, 434
Larus, 118, 175
 argentatus, 73, 174, 428
 atricilla, 428
 californicus, 275
 delawarensis, 418
 glaucescens, 64
 pipixan, 332, 428
Lasiewski, Robert C., and William R. Dawson, Calculation and miscalculation of equations relating avian standard metabolism to body weight, 335–336
Lasiewski, Robert C., see Schmidt-Nielsen, Knut, and —
Laterallus jamaicensis, 428
Leafscraper, Tawny-throated, 430
Lemon, Robert E., and Andrew Herzog, Vocal behavior of Cardinals and Pyrrhuloxias in Texas, 1–15
Leptotilos crumeniferus, 163
Leucophoyx thula, 166
Leucosticte atrata, 433
 tephrocotis dawsoni, 433

- tephrocotis tephrocotis, 433
 tephrocotis wallowa, 433
- Lewies, R. W., and M. I. Dyer, Respiratory metabolism of the Red-winged Blackbird in relation to ambient temperature, 291-298
- Lill, Alan, Allopreening in the dove *Geotrygon montana*, 72
- Limnodromus scolopaceus, 428
- Limnornithes, 156
- Longspur, Chestnut-collared, 434
 Lapland, 382, 434
 McCown's 434
- Loon, Arctic, 76
 Red-throated, 76
- Lophortyx gambelii, 277
- Lophostrix cristata, 429
- Lovejoy, Thomas E., see Reed, Charles A., and —
- Loxia curvirostra, 79
- Lunda, 392
- Luscinia luscinia, 382
- Lysurus, 237
- M**
- Macaw, Scarlet, 429
- Magpie, Black-billed, 287-279, 332
 Yellow-billed, 24
- Magpie-jay, Black-throated, 371
 White-throated, 371
- Malaconotus, 226, 227
 blanchoti, 227
- Mallard, 186, 283, 424
- Martin, Purple, 41, 75
- Martin, Larry D., see Tate, James, Jr., and —
- McBee, Richard H., and George C. West, Cecal fermentation in the Willow Ptarmigan, 54-58
- McLean, Donald D., Some additional records of birds in California, 433-434
- Meadowlark, Eastern, 235
 Western, 235
- Megadyptes antipodes, 105
- Megapaloelodus connectens, 158, 159
 opsignous, 158
- Meiglyptes, 228, 230, 231, 232
 jugularis, 222, 230, 231
 tristis, 230, 231
 tukki, 230, 231
- Melaenornis edioloides, 142, 143
- Melanerpes erythrocephalus, 233
 formicivorus, 233, 401
- Melospiza lincolni gracilis, 441
 melodia, 334
 melodia fallax, 334
 melodia montanus, 334
- Micropalama himantopus, 428
- Micropternus, 228, 231
 brachyurus, 231, 232
 brachyurus phaioceps, 222
- Mimocichla, 123, 126-127
 plumbea, 121-127
 plumbea ardosiae, 123, 124
 plumbea coryi, 120, 123, 126
 plumbea rubripes, 123, 125
 raviga, 120-125, 127
- Mimus polyglottos, 1, 41, 125
- Minock, Michael E., Salinity tolerance and discrimination in House Sparrows (*Passer domesticus*), 79-80
- Mockingbird, 1, 2, 41, 42, 122, 125
- Mollymawk, Buller's, 102, 108, 109
- Molothrus ater, 2, 22, 275
 bonariensis, 270
- Momotus momota, 248
- Moorhen, 140
- Morton, Martin L., James R. King, and Donald S. Farmer, Postnuptial and postjuvenile molt in White-crowned Sparrows in central Alaska, 376-385
- Motmot, Blue-crowned, 248
- Mousebird, White-backed, 142
- Murre, 397
- Muscivora forficata, 1
- Mycteria americana, 172
- Myiarchus cinerascens, 89, 401
 cinerascens cinerascens, 89, 90
 cinerascens inquietus, 89
 cinerascens pertinax, 89, 90
 crinitus, 41, 43
 nuttingi, 89
 tyrannulus magister, 433
- Myioibius atricaudus, 430
- Myiozetetes similis, 254
- N**
- Nannopterum, 69
- Nanorchilus leucogaster, 248
- Natatores, 156
- Nighthawk, Common, 49-52
 Cuban, 46
 Lesser, 49, 51, 332
- Nightingale, Thrush, 382
- Nightjar, European, 49, 51
 Spotted, 49-53
- Noddy, Brown, 114
- Nottebohm, Fernando, The song of the Chingolo, *Zonotrichia capensis*, in Argentina: description and evaluation of a system of dialects, 299-315
- Nucifraga, 360, 373
 columbiana, 275, 358
- Nutcracker, Clark, 275, 358
- Nuthatch, Brown-headed, 46
 Pygmy, 403, 407, 409, 410
 White-breasted, 46, 402, 407
- Nyctanassa violacea, 42
- Nyctidromus albicollis, 429
- O**
- Oceanodroma leucorhoa, 110
- Olor columbianus, 76, 77
- Oporonis formosus, 43
 tolmiei monticola, 440
 tolmiei tolmiei, 440
- Oreoscoptes montanus, 333
- Orians, Gordon H., and Dennis R. Paulson, Notes on Costa Rican birds, 426-431
- Oriole, Baltimore, 430
 Bullock's, 430
 Hooded, 334
 Jamaican, 121
- Oropendola, Chestnut-headed, 430
- Oryzoborus, 237
- Ostrich, 341-351
- Otus asio, 22, 24, 40, 41
- Ovenbird, 94
- Owl, Barn, 24, 429
 Black-and-White, 429
 Crested, 429
 Great Horned, 41, 73
 Horned, 24, 73
 Pygmy, 24, 332
 Saw-whet, 332, 439

- Screech, 22, 24, 40, 41
Striped, 429
- Oxyura, 171
dominica, 427
jamaicensis, 171, 288
- P**
- Palaeodidae, 158
Palaeodus, 158, 159
ambiguus, 158
crassipes, 158
goliath, 158
gracilipes, 158
minutus, 158
steinheimensis, 158
- Parabuteo unicinctus, 2, 428
- Parakeet, Orange-chinned, 248
- Parascaniornis, 157, 158
stensioi, 158
- Pardirallus, 428
maculatus, 428
- Parrot, Blue-winged, 248
- Parrot, White-crowned, 429
- Parula americana, 43, 45
- Parus atricapillus, 95, 226, 332
atricapillus nevadensis, 332
atricristatus, 2
bicolor, 43, 45
caeruleus, 22
carolinensis, 2, 226
inornatus, 24, 94–101, 236, 401
major, 95, 105, 376
wollweberi, 236, 401
- Passer domesticus, 41, 79, 80, 129–139, 297, 378, 383
hispaniolensis, 129, 133, 135
iagoensis, 255
italiae, 138
montanus montanus, 383
- Passerculus sandwichensis, 79, 334
- Passeridae, 78
- Passerina amoena, 24, 334, 440
ciris, 43, 430
cyanea, 1, 75, 334, 440
- Paulson, Dennis R., see Orians, Gordon H., and —
- Pauraque, 429
- Payne, Robert B., Overlap of breeding and molting schedules in a collection of African birds, 140–145
- Peewee, Western Wood, 24, 407
- Pelargii, 156
- Pelargomorphae, 156
- Pelecaniformes, 116, 119, 156
- Pelecanus erythrorhynchos, 73
- Pelican, White, 73
- Pelopatides, 156
- Penguin, Adelie, 78
Yellow-eyed, 105
- Perisoreus, 360, 373
canadensis, 360
infaustus, 360
internigrans, 360
- Petrel, Leach's, 110
- Petrochelidon pyrrhonota, 332
pyrrhomota hypopelia, 332
pyrrhomota tachina, 332
- Petronia xanthosterna, 142, 143
- Peucedramus taeniatus, 407
- Phaethon aethereus, 113, 116
lepturus, 113, 116, 117
rubricauda, 113–119
- Phaethontidae, 116, 119
- Phainopepla nitens, 333
Phalacrocorax, 397
penicillatus, 68
- Phalaenoptilus nuttallii, 49, 350
- Phalarope, Wilson's, 434
- Phasianus colchicus, 210, 276, 413
- Pheasant, Ring-necked, 210, 276, 413–417
- Pheucticus ludovicianus, 440
melanocephalus, 24
melanocephalus maculatus, 433
- Phloeoceastes, 228, 231
guatemalensis, 231
guatemalensis regius, 222
melanoleucus, 231, 232
melanoleucus malherbii, 222
- Phoebebetria fusca, 109
palpebrata, 109, 110
- Phoeniconaias, 155, 168, 172
gracilis, 158, 159
minor, 155, 158, 172
- Phoenicontaetus, 159
eyrensis, 158, 159
- Phoenicoparrus, 155
andinus, 155, 158
jamesi, 155, 158
- Phoenicopteri, 156–158, 176
- Phoenicopteridae, 156–159, 162, 164, 431
- Phoenicopteriformes, 156
- Phoenicopterus, 155, 156, 159, 168, 171, 172, 175, 176
copei, 158
croizeti, 158, 159
floridanus, 158
minutus, 158
novaehollandiae, 158, 159
ruber, 155, 158, 170–175
ruber antiquorum, 155
ruber chilensis, 155, 158
ruber roseus, 155, 158
ruber ruber, 155, 158
stocki, 158
- Phyllastrephus fischeri, 142, 144
- Phylloscopus trochilus, 376
- Piaya cayana, 429
- Pica, 371
nuttalli, 24
pica, 267–279, 332
- Picidae, 227
- Picoides tridactylus, 436
- Piculet, Olivaceous, 246
- Picumnus olivaceus, 246
- Picus viridis, 233
- Pigeon, Band-tailed, 439
- Pintail, 276, 423
- Pionus senilis, 429
- Pipilo erythrorthalmus, 24, 42, 43, 257
erythrorthalmus oregonum, 257–266
fuscus, 24, 100
ocai, 237
- Pipit, Water, 333
- Pipra, 431
aureola, 431, 432
- Pipridae, 431
- Piranga, 161
olivacea, 161
rubra, 43, 46, 75, 344
rubra cooperi, 334
- Pitangus sulphuratus, 247, 248, 252, 254
- Planesticus, 126
- Platalea, 156, 171, 176
alba, 170, 171
leucorodia, 175

- Plautus alle, 386
Plectrophenax nivalis, 382
Plegadis, 176
 chihi, 427
 falcinellus, 175, 427
Ploceus cucullatus, 210
Plotopteridae, 69
Plotopterum, 68–69
 joaquinensis, 68–69
Plover, American Golden, 331, 433
Pluvialis dominica, 331
 dominica dominica, 433
 fulva, 433
Podiceps, 190, 195
 auritus, 180–205
 cristatus, 180, 181, 195
 griseogena, 180, 181, 195
 major, 180, 190
 nigricollis, 180, 181, 195
 occipitalis, 180, 181, 195
 taczanowskii, 180, 181, 195
Podilymbus podiceps, 184, 189
Polioptila, 16
 caerulea, 16–31, 43, 45, 91, 410
 caerulea amoenissima, 91
 caerulea gracilis, 91
 caerulea obscura, 91
 melanura, 17, 27, 333
Poor-will, 49, 50–53, 350
Porzana carolina, 428
 flaviventer, 428
Progne subis, 41, 75
Protocitta, 371
 dixi, 371
Protonotaria citrea, 43
Psaltriparus minimus, 401
Psilorhinus, 363, 368, 370, 373
 morio, 247, 248
Ptarmigan, Rock, 76
 White-tailed, 58
Willow, 54–58, 76
Pterocles burchelli, 140, 143
Pteroglossus torquatus, 248
Puffin, Common, 81
 Horned, 81, 395
Puffinus pacificus, 114, 115
 puffinus, 110
 puffinus newelli, 65–71
 tenuirostris, 102
Pycnonotus capensis, 144
Pygarrhichas albogularis, 438
Pygoscelis adeliae, 78
Pyrrhula pyrrhula, 317
Pyrrhuloxia sinuata, 1–15
- Q**
- Quail, Gambel, 277
 Scaled, 2
Quail-Dove, Ruddy, 72
Quiscalus, 435, 436
 major, 435, 436
 mexicanus, 435, 436
 quiscula, 41
- R**
- Rail, Black, 428
 Spotted, 428
 Virginia, 331
Rallus, 428
 elegans, 428
- limicola, 331
longirostris, 428
Raven, Common, 76
Rayadito, 439
Redhead, 280–290
Redpoll, Common, 316–330
 Lesser, 316–330, 382
 Mealy, 317, 320
Redstart, American, 42, 333
 Painted, 75, 333
Reed, Charles A., and Thomas E. Lovejoy, The migration of the White Stork in Egypt and adjacent areas, 146–154
Regulus calendula, 27
 satrapa, 75
Rhinoptynx clamator, 429
Rhynchosphanes mccownii, 434
Rhyticeros, 434
 plicatus, 435
 plicatus subruficollis, 434, 435
 undulatus, 434, 435
 undulatus undulatus, 434
Richmondena cardinalis, 1–15, 40–43, 94
Ricklefs, Robert E., and F. Reed Hainsworth, Temperature regulation in nestling Cactus Wrens: the nest environment, 32–37
Riparia riparia, 277, 332
Rissa tridactyla, 105
Roadrunner, 1, 2, 52
Roberts, Joan Beltz, Vocalizations of the Rufous-sided Towhee, *Pipilo erythrophthalmus oregonus*, 257–266
Robin, 259, 362, 402, 407
Rohwer, Sievert A., and Glen E. Woolfenden, Breeding birds of two Florida woodlands: comparisons with areas north of Florida, 38–48
Rook, 267, 277
Root, Richard B., Behavior and reproductive success of the Blue-gray Gnatcatcher, 18–31
Rostrhamus sociabilis, 427
- S**
- Saltator*, 237, 247
Sandgrouse, Spotted, 140
Sandpiper, Pectoral, 331
 Solitary, 331, 428
Stilt, 428
Sapsucker, Yellow-bellied, 430
Sarcoramphus papa, 427
Savage, Howard, and James A. Dick, Fowl pox in Cassin's Sparrow, *Aimophila cassini*, 71–72
Scaniornis, 157, 158, 159
 lundgreni, 158
Scaniornithidae, 158
Scaphidura oryzivora, 430
Scardafella inca, 252, 429
Scaup, Greater, 439
 Lesser, 280–290
Schmidt-Nielsen, Knut, John Kanwisher, Robert C. Lasiewski, Jerome E. Cohn, and William L. Bretz, Temperature regulation and respiration in the Ostrich, 341–352
Sclerurus mexicanus, 430
Scopidae, 157
Scopus, 162
Sealy, Spencer G., Incubation and nestling periods of the Horned Puffin, 81
Seed-eater, Black, 430
 Ruddy, 431
 Variable, 430

- White-collared, 430
Seiurus aurocapillus, 94
 canarius, 275
 noveboracensis, 440
 Selander, Robert K., Suh Y. Yang, and Gilbert Cantu,
 Extension of zone of sympatry of *Quiscalus mexicanus* and *Q. major*, 435-436
Selasphorus platycercus, 407
 sasin, 226
Setophaga picta, 75, 333
 ruticilla, 42, 333
Shearwater, Manx, 69, 70
 Newell's, 69
 Newell's Manx, 69-71
 Slender-billed, 102, 106
 Wedge-tailed, 115, 118
 Short, Lester A., Jr., Observations of the nuthatch-like
 White-throated Treerunner (*Pygarrhichas albogularis*) in Argentina, 438-439
Shrike, Loggerhead, 25, 42
 Northern, 75, 433
Sialia mexicana, 24, 407
 sialis, 402
 Sibley, Charles G., Kendall W. Corbin, and Joan H.
 Haavie, The relationships of the flamingos
 as indicated by the egg-white proteins and
 hemoglobins, 155-179
 Sincock, John L., and Gerald E. Swedberg, Redis-
 covery of the nesting grounds of Newell's
 Manx Shearwater (*Puffinus puffinus newelli*),
 with initial observations, 69-71
Sitta, 438
 carolinensis, 46, 402, 439
 pusilla, 46
 pygmaea, 403
Sittidae, 438
Skuia, 59, 61
 McCormick, 59-67
Song-Sparrow, Chingolo, 311
 Patagonian, 311
Sora, 428
Sparrow, Andean, 212-219, 299-315, 381
 Black-throated, 1, 2, 92
 Cassin's, 71-72
 Chipping, 24, 94, 401-404, 410
 Golden-crowned, 76
 Harris', 76, 334, 433, 441
 House, 41, 79-80, 129-139, 297
 Italian, 138
 Lark, 1
 Lincoln's, 441
 Rufous, 255
 Rufous-collared, 299-315, 381
 Rufous-crowned, 401
 Savannah, 334
 Seaside, 225
 Sharp-tailed, 225
 Song, 334
 Tree, 76, 334, 433
 White-crowned, 13, 14, 94, 99, 275, 324, 325,
 327, 376-384, 434
 White-throated, 76, 434, 441
 Willow, 129-139
 Yellow-throated, 142
 Spellenberg, Ian F., Incubation temperatures and
 thermoregulation in the McCormick Skua,
 59-67
Sphyrapicus varius, 430
Spinus lawrencei, 24
 psaltria, 24
Spiza americana, 430
Spizella arborea, 76, 334
 arborea ochracea, 433
 passerina, 24, 94, 401
Spodiornis rusticus, 431
Spoonbill, Roseate, 161, 164, 431
Sporophila, 237
 aurita aurita, 430
 aurita corvina, 430
 minuta, 431
 torqueola, 430
Sporopipes squamifrons, 142, 144
Starling, 42, 46, 267, 277
Steganopodes, 156
Steganopus tricolor, 434
Stelgidopteryx ruficollis, 332
 ruficollis psammochroa, 332
Stercorariidae, 59
Sterna fuscata, 110
 hirundo, 424, 428
Stilt, Black-necked, 428
Stirling, Ian, An albinistic Adelie Penguin, 78
Storer, Robert W., The behavior of the Horned
 Grebe in spring, 180-205
Stork, Marabou, 163, 165, 166
 White, 146-154, 165, 166
Streptopelia, 72
 semitorquata, 140, 144
Struthio camelus, 341
Sturnella, 11, 331
 magna, 226, 235, 236
 neglecta, 226, 235, 236
Sturnidae, 78
Sturnus vulgaris, 42, 46, 267
Swallow, 376
 Bank, 277, 332
 Barn, 430
 Cliff, 332
 Rough-winged, 332
 Violet-green, 332
Swan, Mute, 191
 Whistling, 76, 77
 Swedberg, Gerald E., see Sincock, John L., and —
Swift, Band-rumped, 429
 Gray-rumped, 429
Sylvia atricapilla, 226
 borin, 226
- T**
- Tachycineta thalassina, 332
Tanager, Blue-gray, 248
 Scarlet, 161
 Summer, 43, 46, 75, 334
Tantalus, 156
 Tate, James, Jr., and Larry D. Martin, A Canada
 goose from the Middle Pleistocene of Ne-
 braska, 81
Teal, Chestnut-breasted, 188
Telmatobates, 157, 158, 159
 antiquus, 158
Telmatobiidae, 158
Telmatodytes palustris, 225, 333
 palustris aestuarinus, 333
 palustris plesius, 333
Tern, Black, 428
 Common, 424, 428, 429
 Elegant, 429
 Royal, 429
 Sooty, 110
 White, 114
Test, Frederick H., Relation of wing and tail color

- of the woodpeckers, *Colaptes auratus* and *C. cafer* to their food, 206-211
 - Thalasseus elegans*, 429
 - maximus, 429
 - Thamnophilus doliatus*, 252, 430
 - Thrasher*, Brown, 40-43, 45
 - Curve-billed, 2, 36, 91, 92
 - Sage, 333
 - Thraupis episcopus*, 248
 - Threskiornis*, 170, 171
 - aethiopica, 170, 171
 - Threskiornithidae*, 157, 160, 162, 167, 431
 - Thrush*, Grand Cayman, 120-125
 - Hermit, 333
 - Red-legged, 120, 122, 124
 - Swainson's, 333
 - Varied, 75
 - West Indian Red-legged, 127
 - Wood, 43
 - Thryomanes bewickii*, 2, 24, 401
 - Thryothorus*, 13, 235, 249
 - felix, 226, 235
 - ludovicianus, 2, 40, 41, 43
 - pleurostictus, 235
 - sinaloa, 226, 235
 - sinaloa sinaloa, 235
 - Tiger-Heron, Fasciated, 426
 - Tigrisoma*, fasciatum, 426, 427
 - lineatum, 427
 - Tiliornis*, 159
 - seux, 158
 - Tit*, Blue, 22
 - Great, 95, 100, 105
 - Titmouse*, Black-crested, 2
 - Bridled, 236, 401, 403, 404, 411
 - Plain, 24, 94-101, 236, 401
 - Tufted, 43, 45
 - Totanus*, flavipes, 428
 - melanoleucus, 428
 - Torotigidae*, 158
 - Torotix*, 157
 - clemensi, 158
 - Towhee*, Brown, 24
 - Rufous-sided, 42, 43, 257-266
 - Spotted, 24
 - Toxostoma curvirostre*, 2, 36, 91
 - curvirostre insularum, 91
 - rufum, 40, 41, 43
 - Trachyphonus darnaudii*, 142, 143
 - Treerunner*, White-throated, 438, 439
 - Tringa solitaria*, 331, 428
 - solitaria cinnamomea, 331
 - Troglodytes aedon*, 24, 407
 - troglodytes, 332
 - troglodytes pacificus, 333
 - Tropicbird*, Red-tailed, 113-119
 - Turdidae*, 78
 - Turdoidea jardinei*, 140
 - Turdus*, 124, 126, 127, 362
 - albicollis, 126
 - dissimilis, 126
 - ericetorum, 126
 - fumigatus, 126
 - ignobilis, 126
 - jamaicensis, 126, 127
 - merula, 126
 - migratorius, 126, 259, 402
 - musicus, 126
 - naumanni, 126
 - nigrescens, 126
 - nudigenis, 126
 - obscurus*, 126
 - pilaris*, 126, 127
 - plumbeus*, 127
 - ravidus*, 127
 - rufitorques*, 126
 - rufopalliatus*, 126
 - serranus*, 126
 - torquatus*, 126
 - viscivorus*, 126
 - Turkey*, Wild, 77, 402
 - Tyrannidae*, 2
 - Tyrannus dominicensis*, 46
 - tyrannus, 41, 75, 433
 - Tyto alba*, 24, 429
- U**
- Uria*, 397
 - Urocissa*, 373
 - Uroleuca*, 363, 367, 373
 - Uropsila leucogastra*, 248
- V**
- Verdin*, 27, 90, 91, 92
 - Vermivora celata*, 24, 333, 381
 - celata lutescens, 381
 - celata osesteria, 381
 - chrysoptera × pinus, 430
 - peregrina, 75
 - ruficapilla, 75
 - Vidua chalybeata*, 143
 - macroura, 143
 - nigerrima, 143
 - paradisea, 143
 - Vireo*, Black-whiskered, 43, 45, 46, 47
 - Gray, 333
 - Hutton, 24
 - Red-eyed, 43, 45, 46, 47, 440
 - Solitary, 24, 407-410
 - White-eyed, 1, 40, 41, 43
 - Yellow-throated, 45
 - Vireo altiloquus*, 43
 - altiloquus altiloquus, 45
 - flavifrons, 45
 - griseus, 1, 40, 41, 43
 - huttoni, 24
 - olivaceus, 43, 45, 440
 - olivaceus caniviridis, 440
 - solitarius, 24, 407
 - vicinior, 333
 - Vohs*, Paul A., Jr., and Larry R. Carr, Genetic and population studies of transferrin polymorphism in Ring-necked Pheasants, 413-417
 - Volatinia*, 237
 - Vultur gryphus*, 73
 - Vulture*, Black, 427
 - King, 427
 - Turkey, 427
 - Yellow-headed, 427
- W**
- Warbler*, Audubon's, 407
 - Blackpoll, 440
 - Black-throated Gray, 400, 401, 403-405
 - Brewster's, 430
 - Grace's, 75, 400, 403-405, 407, 409, 410
 - Hooded, 43
 - Kentucky, 43
 - MacGillivray's, 440
 - Myrtle, 440
 - Nashville, 75

- Olive, 407, 409
 Orange-crowned, 24, 333, 381
 Parula, 43, 45, 47
 Pine, 43
 Prothonotary, 43
 Tennessee, 75
 Yellow, 46, 333
 Yellow-throated, 43, 47
 Waterthrush, Northern, 440
 Wauer, Roland H., Recent bird records from the Virgin River Valley of Utah, Arizona, and Nevada, 331-335
 Waxwing, Cedar, 430
 Weaver, Buffalo, 142
 West, George C., see McBee, Richard H., and —
 Westcott, Peter W., Relationships among three species of jays wintering in southeastern Arizona, 353-359
 Whip-poor-will, 429
 Whitson, Martha A., and Paul D. Whitson, Breeding behavior of the Andean Condor (*Vultur gryphus*), 73-75
 Whitson, Paul D., see Whitson, Martha A., and —
 Wiley, James W., A case of Great Horned Owl predation on a porcupine, 73
 Wilsonia citrina, 43
 Wolf, Larry L., Breeding and molting periods in a Costa Rican population of the Andean Sparrow, 212-219
 Woodpecker, Acorn, 97, 401
 Downy, 42, 43, 436-439
 Ground, 142
 Hairy, 46, 436, 437, 438
 Hoffmann's, 430
 Ivory-billed, 232, 233
 Ladder-backed, 88, 92
 Lineated, 245
 Northern Three-toed, 436-438
 Nuttall, 23
 Pileated, 233
 Red-bellied, 41, 42
 Red-cockaded, 46
 Red-crowned, 248
 Striped, 439
 West Indian Red-bellied, 125
 Woolfenden, Glen E., see Rohwer, Sievert A., and —
 Wren, Bewick's, 2, 24, 401
 Cactus, 2, 32-37, 249
 Carolina, 2, 40, 41, 43, 47
 Happy, 235
 House, 24, 407
 Long-billed Marsh, 225, 333
 Sinaloa, 235
 White-bellied, 248
 Winter, 332
 Wrentit, 24
- X**
- Xanthocephalus xanthocephalus, 334
 Xanthoura, 360, 366
 Xipholena, 431
 lamellipennis, 431
 pompadoura, 431
 puncea, 431, 432
- Y**
- Yang, Suh Y., see Selander, Robert K., and —
 Yellowlegs, Lesser, 428
 Greater, 428
 Yellowthroat, 40, 41, 333
 Common, 430
- Z**
- Zarhyncus, 430
 wagleri, 430
 Zenaida asiatica, 332
 Zenaidura macroura, 36, 40, 41, 429
 Zonotrichia, 213, 376, 381, 433
 albicollis, 76, 434, 441
 atricapilla, 76
 cancicapilla, 311
 cancicapilla australis, 311
 capensis, 140, 212-219, 299-315, 381, 382
 capensis costaricensis, 212-219
 capensis hypoleuca, 311
 capensis subtorquata, 311
 leucophrus, 94, 144, 275, 313, 324, 381, 382, 434
 leucophrus gambeli, 376, 378, 381, 382, 383
 leucophrus nuttalli, 381
 leucophrus pugetensis, 381
 querula, 76, 334, 433, 441