

# INDEX TO VOLUME 81

## A

*Accipiter bicolor*, 320  
*cooperii*, 219–220, 236  
*gentilis*, 195  
*Acridotheres tristis*, 205  
*Acrocephalus schoenobaenus*, 261  
*scirpaceus*, 261  
*Actitis macularia*, 99  
*Aethia cristatella*, 94  
*pusilla*, 94  
*Agelaius phoeniceus*, 25, 39, 91, 236, 258–264, 304,  
 314, 417–420, 436  
*tricolor*, 236  
 Ainley, D. G., see Roudybush, T. E.  
*Aix sponsa*, 432  
*Ajaia ajaja*, 306  
*Akepa*, see *Loxops coccinea*  
 Albatross, Black-footed, see *Diomedea nigripes*  
 Galapagos, see *Diomedea irrorata*  
 Laysan, see *Diomedea immutabilis*  
 Royal, see *Diomedea epomophora*  
*Alectoris graeca*, 333  
 Amakihi, see *Loxops virens*  
*Amazona autumnalis*, 301, 321  
*Anabercerthia striaticollis*, 319  
*Anas acuta*, 312  
*americana*, 312  
*clypeata*, 427  
*crecca*, 197, 214, 312  
*discors*, 38  
*fulvigula*, 432  
*platyrhynchos*, 35–41, 312, 333, 336  
*strepera*, 312  
 Ani, Smooth-billed, see *Crotophaga ani*  
*Anous stolidus*, 430, 431  
*Anser albifrons*, 432  
*anser*, 49, 333  
*caerulescens*, 46, 194, 232–235, 432  
*erythropus*, 50  
*fabalis*, 49, 229  
*rossi*, 48  
 Antbird, Bicolored, see *Gymnophithys leucaspis*  
 Black-faced, see *Myrmoborus myotherinus*  
 Gray, see *Cercomacra cinerascens*  
*Anthracothorax prevostii*, 98  
 Antshrike, Black-capped, see *Thamnophilus schistaceus*  
 Bluish-slate, see *Thamnomanes schistogynus*  
 Dusky-throated, see *Thamnomanes ardesiacus*  
 Fasciated, see *Cymbilaimus lineatus*  
 Slaty, see *Thamnophilus punctatus*  
 Spot-winged, see *Pygiptila stellaris*  
 White-shouldered, see *Thamnophilus aethiops*  
 Ant-Tanager, Red-crowned, see *Habia rubica*  
 Antwren, Dot-winged, see *Microrhopias quixensis*  
 Gray, see *Myrmotherula menetriesii*  
 Ihering's, see *Myrmotherula iheringi*  
 Long-winged, see *Myrmotherula longipennis*  
 Ornate, see *Myrmotherula ornata*  
 Plain-throated, see *Myrmotherula huxwelli*  
 Pygmy, see *Myrmotherula brachyura*  
 White-eyed, see *Myrmotherula leucophthalma*  
 White-flanked, see *Myrmotherula axillaris*  
 Apapane, see *Himatione sanguinea*  
*Aphelocoma ultramarina*, 6  
*Aptenodytes forsteri*, 195  
*Apteryx australis*, 198  
*Apus apus*, 133–145  
*Aquila chrysaetos*, 218  
*rapax*, 333

Ar, A., Rahn, H., and Paganelli, C. V., The avian egg:  
 mass and strength, 331–337  
*Araçaris*, Collared, see *Pteroglossus torquatus*  
*Aramides cajanea*, 100–101  
*Aramus guarauna*, 101  
*Ardea cinerea*, 170, 333  
*herodias*, 306  
*Ardeola ibis*, 93  
*Arenaria interpres*, 99, 295  
*Athene noctua*, 333  
 Atkins, Natasha, see Duffy, David C.  
*Artamus leucorhynchus*, 204  
*Asio flammeus*, 307–308, 398  
 Attila, Bright-rumped, see *Attila spadiceus*  
*Attila spadiceus*, 344  
 Auklet, Cassin's, see *Ptychoramphus aleuticus*  
 Crested, see *Aethia cristatella*  
 Least, see *Aethia pusilla*  
 Parakeet, see *Cyclorhynchus psittacula*  
*Automolus infuscatus*, 343, 344  
*ochralaemus*, 344  
*rufipileatus*, 344  
*Aythya americana*, 38

## B

Balph, D. F., and Balph, M. H., Behavioral flexibility  
 of Pine Siskins in mixed species foraging groups,  
 211–212  
 Balph, M. H., see Balph, D. F.  
 Bananaquit, see *Coereba flaveola*  
 Baptista, L. F., and Matsui, M., The source of the dive-  
 noise of the Anna's Hummingbird, 87–89  
 Barlow, J. C., see Russell, S. M.  
 Barklow, W. E., Graded frequency variations of the  
 tremolo call of the Common Loon, 53–64  
 Batt, B. D. J., and Prince, H. H., Laying dates, clutch  
 size and egg weight of captive Mallards, 35–41  
 Batzli, G. O., see Williams, J. B.  
 Beal, K. G., and Gillam, L. D., On the function of prey  
 beating by Roadrunners, 85–87  
 Becard, Pink-throated, see *Platypsaris minor*  
 Berman, S. L., see Raikow, R. J.  
 Berns, V. D., Golden Eagle nest on Kodiak Island,  
 Alaska, 218  
 Bird-of-paradise, Loria's, see *Loria loriae*  
 Black, C. P., see Holmes, R. T.  
 Blackbird, see *Turdus merula*  
 Brewer's, see *Euphagus cyanocephalus*  
 European, see *Turdus merula*  
 Red-winged, see *Agelaius phoeniceus*  
 Rusty, see *Euphagus carolinus*  
 Tri-colored, see *Agelaius tricolor*  
 Yellow-headed, see *Xanthocephalus xanthocephalus*  
 Bluebird, Eastern, see *Sialia sialis*  
 Bluhm, C. K., and Ward, K. E., Great Horned Owl pre-  
 dation on a Short-eared Owl, 307–308  
 Boag, P. T., and Ratcliffe, L. M., First record of a Black-  
 poll Warbler from the Galápagos, 218  
 Bobwhite, see *Colinus virginianus*  
 Boersma, P. D., and Wheelwright, N. T., Egg neglect  
 in the Procellariiformes: Reproductive adapta-  
 tions in the Fork-tailed Storm-petrel, 157–165  
*Bonasa umbellus*, 214, 217  
 Booby, Blue-faced, see *Sula dactylatra*  
 Brown, see *Sula leucogaster*  
 Borecky, S. R., see Raikow, R. J.  
 Boubou, Tropical, see *Laniarius ferrugineus*  
 Bowerbird, Great Grey, see *Chlamydera nuchalis*  
 Boyd, R. L., see Braun, C. E.

- Branta bernicla*, 47  
*canadensis*, 42, 195, 297  
*leucopsis*, 42–52  
 Braun, C. E., Reid, V. H., Ray, T. D., and Boyd, R. L., Additional records of White-winged Doves in Colorado, 96  
 Braun, C. E., see Giesen, K. M.  
*Bubo bubo*, 333  
*virginianus*, 307–308  
*Bubulcus ibis*, 99, 274, 333  
*Bucephala albeola*, 197  
 Bufflehead, see *Bucephala albeola*  
 Bullfinch, see *Pyrrhula pyrrhula*  
 Bunting, Indigo, see *Passerina cyanea*  
 Lazuli, see *Passerina amoena*  
 Little, see *Emberiza pusilla*  
 Snow, see *Plectrophenax nivalis*  
 Burger, J., Competition and predation: Herring Gulls versus Laughing Gulls, 269–277  
 Burger, J., and Trout, J. R., Additional data on body size as a difference related to niche, 305–307  
*Burhinus oediconemus*, 333  
*Buteo magnirostris*, 320  
*nitidus*, 411  
*rufinus*, 333  
 Butler, R. W., and Kirbyson, J. W., Oyster predation by the Black Oystercatcher in British Columbia, 433–435  
*Butorides striatus*, 99, 100, 306
- C
- Cacicus cela*, 205  
 Cacique, Yellow-rumped, see *Cacicus cela*  
*Calcarius lapponicus*, 214  
*Calidris mauri*, 295  
*minutilla*, 99  
*ptilocnemis*, 214  
*Calypte anna*, 87–89  
*costae*, 87  
*helenae*, 197  
*Campephilus guatemalensis*, 302  
*melanoleucos*, 299  
*Campylorhynchus brunneicapillus*, 350  
*trochilrostris*, 344  
*Canachites canadensis*, 214  
 Capercaillie, see *Tetrao urogallus*  
 Cardinal, see *Cardinalis cardinalis*  
*Cardinalis cardinalis*, 251–257  
*Carduelis carduelis*, 72, 333  
*chloris*, 333  
*flammea*, 96–97  
*hornemanni*, 96–97  
*pinus*, 211  
*spinus*, 212  
*Carpodacus cassinii*, 211  
 Carr, G. S., Greater Shearwater in Costa Rica, 323  
*Casmerodius albus*, 99, 306  
 Catbird, see *Dumetella carolinensis*  
*Catharacta skua*, 394  
*Cathartes aura*, 171  
*Catharus fuscescens*, 414  
*guttatus*, 414  
*Cepphus columba*, 213, 295  
*grylle*, 295  
*Cercomacra cinerascens*, 344  
*Certhia familiaris*, 122–132  
 Chaffinch, see *Fringilla coelebs*  
 Chat, Yellow-breasted, see *Icteria virens*  
 Chickadee, Black-capped, see *Parus atricapillus*  
 Carolina, see *Parus carolinensis*  
 Mexican, see *Parus sclateri*  
 Mountain, see *Parus gambeli*  
 Chicken, Greater Prairie, see *Tympanuchus cupido*  
*Chlamydera nuchalis*, 203  
*Chlidonias leucoptera*, 333  
*niger*, 431  
*Cioconia ciconia*, 333  
*Circus aeruginosus*, 192  
*cyaneus*, 192  
 Clark, G. A., Jr., Body weights of birds: A review, 193–202  
*Coccyzus minor*, 98  
*Coereba flaveola*, 98  
*Colaptes auratus*, 370–375, 438  
*Colinus virginianus*, 39, 196  
 Collias, E. C., Collias, N. E., Jacobs, C. H., McAlary, F., and Fujimoto, J. T., Experimental evidence for facilitation of pair formation by bright color in weaverbirds, 91–93  
 Collias, N. E., see Collias, E. C.  
*Collocalia vanikorensis*, 407  
*Colaptes auratus*, 291  
*Columba leucocephala*, 98  
*livia*, 39  
*palumbus*, 141, 194, 290  
*Columbina cruziana*, 398  
 Condor, Andean, see *Vultur gryphus*  
 California, see *Gymnogyps californianus*  
*Contopus sordidulus*, 436  
*virens*, 99  
 Cooke, F., see Sulzbach, D. S.  
 Coot, American, see *Fulica americana*  
*Coragyps atratus*, 171  
*Corapipo altera*, 424  
 Cormorant, Brandt's, see *Phalacrocorax penicillatus*  
 Double-crested, see *Phalacrocorax auritus*  
 Guanay, see *Phalacrocorax bougainvillii*  
 Pelagic, see *Phalacrocorax pelagicus*  
 Red-faced, see *Phalacrocorax urile*  
*Corvus brachyrhynchos*, 279–250  
*corone*, 236, 333  
*ossifragus*, 274  
*Cossypha cyanocampter*, 189  
*Coturnix coturnix*, 141, 169, 293  
 Cowbird, Brown-headed, see *Molothrus ater*  
*Cranioleuca curtata*, 319  
 Creeper, Brown, see *Certhia familiaris*  
 Crossbill, Red, see *Loxia curvirostra*  
*Crotophaga ani*, 98, 196  
 Crow, Carrion, see *Corvus corone*  
 Common, see *Corvus brachyrhynchos*  
 Fish, see *Corvus ossifragus*  
 Cruz, A., and Johnston, D. W., Occurrence and feeding ecology of the Common Flicker on Grand Cayman Island, 370–375  
 Cuckoo, see *Cuculus canorus*  
 Mangrove, see *Coccyzus minor*  
*Cuculus canorus*, 39, 244  
*Cyanocitta cristata*, 251–257  
*Cyanocorax sanblasiana*, 411  
*Cyclorhynchus psittacula*, 94  
*Cygnus olor*, 47, 186, 197  
*Cymbilaimus lineatus*, 344  
*Cyphorhinus aradus*, 186, 344
- D
- Deconychura longicauda*, 344  
*Delichon urbica*, 141  
*Dendragapus obscurus*, 78–82, 217  
*Dendrexetastes rufigula*, 344  
*Dendroica caerulescens*, 9–20, 99, 100  
*coronata*, 99  
*discolor*, 143  
*magnolia*, 99  
*palmarum*, 99  
*petechia*, 98, 99, 218, 436

- striata*, 99, 218, 219  
*tigrina*, 99  
*virans*, 99
- Depner, G., see Ellis, D. H.
- Diomedea epomophora*, 162  
*immutabilis*, 162  
*irrorata*, 162  
*nigripes*, 390–396
- Dixon, K. L., and Martin, D. J., Notes on the vocalizations of the Mexican Chickadee, 421–423
- Dove, Caribbean, see *Leptotila jamaicensis*  
Galápagos, see *Zenaida galapagoensis*  
Gold-billed Ground, see *Columbina cruziana*  
Mourning, see *Zenaida macroura*  
Rock, see *Columba livia*  
Turtle, see *Streptopelia risoria*  
White-tipped, see *Leptotila verreauxi*  
White-winged, see *Zenaida asiatica*
- Dryocopus lineatus*, 299–303  
*pileatus*, 299, 372
- Duck, Black-headed, see *Heteronetta atricapilla*  
Domestic, see *Anas platyrhynchos*  
Harlequin, see *Histrionicus histrionicus*
- Duffy, D. C., and Atkins, N., A second breeding record for the Grey-hooded Gull (*Larus cirrocephalus*) on the coast of Peru, 219
- Dumetella carolinensis*, 99, 100, 251–257

## E

- Eagle, Bald, see *Haliaeetus leucocephalus*  
Golden, see *Aquila chrysaetos*
- Egret, Cattle, see *Ardeola ibis*  
Cattle, see *Bubulcus ibis*  
Great, see *Casmerodius albus*  
Snowy, see *Egretta thula*
- Egretta garzetta*, 333  
*thula*, 306
- Eider, Common, see *Somateria mollissima*
- Elaenia, Caribbean, see *Elaenia martinica*  
*Elaenia martinica*, 98
- Elanoides forficatus*, 207
- Eley, J. W., Parker, T. A. III, and Hunter, D. R., Notes on *Siptornis striaticollis* (Furnariidae) in Peru, 319
- Ellis, D. H., and Depner, G., A seven-egg clutch for the Cooper's Hawk, 219
- Emberiza pusilla*, 141
- Empidonax difficilis*, 436  
*euleri*, 287  
*minimus*, 9–20  
*oberholseri*, 436
- Erythropygia galactotes*, 333
- Eudocimus albus*, 376–389
- Eudypitula minor*, 118
- Euphagus carolinus*, 438  
*cyanocephalus*, 351, 436
- Euphonia, Orange-bellied, see *Euphonia xanthogaster*
- Euphonia xanthogaster*, 344
- Ewert, D. N., Development of song of a Rufous-sided Towhee raised in acoustic isolation, 313–316

## F

- Falco columbarius*, 99, 171  
*mexicanus*, 170  
*naumanni*, 333  
*peregrinus*, 170  
*sparverius*, 166  
*tinnunculus*, 333
- Falcon, Collared Forest, see *Micrastur semitorquatus*  
Laughing, see *Herpetotheres cachinnans*  
Peregrine, see *Falco peregrinus*  
Prairie, see *Falco mexicanus*

- Finch, Cassin's, see *Carpodacus cassinii*  
Gray-crowned Rosy, see *Leucosticte tephrocotis*
- Fitzner, R. E., and Hanson, W. C., A congregation of wintering Bald Eagles, 311–313
- Flicker, Common, see *Colaptes auratus*
- Florida caerulea*, 99, 306
- Flycatcher, Dusky, see *Empidonax oberholseri*  
Euler's, see *Empidonax euleri*  
Grey-hooded, see *Pipromorpha rufiventris*  
Least, see *Empidonax minimus*  
McConnell's, see *Pipromorpha macconnelli*  
Ochre-bellied, see *Pipromorpha oleaginea*  
Olive-sided, see *Nuttallornis borealis*  
Olive-striped, see *Mionectes olivaceus*  
Sepia-capped, see *Leptopogon amaurocephalus*  
Slaty-capped, see *Leptopogon superciliaris*  
Streaked, see *Myiodynastes maculatus*  
Western, see *Empidonax difficilis*  
Yellow-margined, see *Tolmomyias assimilis*  
Yellow-olive, see *Tolmomyias sulphurescens*
- Foliage-gleaner, Buff-throated, see *Philydor rufus*  
Buff-throated, see *Automolus ochrolaemus*  
Chestnut-crowned, see *Automolus rufipileatus*  
Olive-backed, see *Automolus infuscatus*  
Rufous-tailed, see *Philydor ruficaudatus*
- Forest-falcon, Slaty-backed, see *Micrastur mirandollei*
- Fowl, Domestic, see *Gallus gallus*
- Frank, L. G., see Williams, P. L.
- Fratercula corniculata*, 94, 214
- Fregata magnificens*, 99  
*tropica*, 162
- Fringilla coelebs*, 10, 181
- Fujimoto, J. T., see Collias, E. C.
- Fulica americana*, 312
- Fulmar, Antarctic, see *Fulmarus glacialis*  
Northern, see *Fulmarus glacialis*
- Fulmarus glacialis*, 94, 198, 390–396  
*glacialoides*, 198

## G

- Gadwell, see *Anas strepera*
- Galerida cristata*, 333
- Gallinula chloropus*, 333
- Gallus gallus*, var. *domesticus*, 141, 154, 293, 311, 333
- Gannet, see *Morus bassanus*
- Gavia adamsii*, 53  
*immer*, 53–64, 432  
*stellata*, 432
- Geothlypis trichas*, 99, 100
- Geococcyx californianus*, 75, 85–87
- Geranospiza caerulescens*, 320
- Geronticus eremita*, 333
- Giesen, K. M., and Braun, C. E., Nesting behavior of female White-tailed Ptarmigan in Colorado, 215–217
- Giesen, K. M., and Braun, C. E., Renesting of White-tailed Ptarmigan in Colorado, 217–218
- Gillam, L. D., see Beal, K. G.
- Gilman, A. P., see Roudybush, T. E.
- Glareola pratincola*, 333
- Glaucidium brasilianum*, 300
- Glaucis hirsuta*, 290
- Glyphorynchus spirurus*, 344
- Gnatwren, Collared, see *Microbates collaris*  
Half-collared, see *Microbates cinereiventris*  
Long-billed, see *Ramphocaenus melanurus*
- Godwit, Bar-tailed, see *Limosa lapponica*
- Goldfinch, European, see *Carduelis carduelis*
- Goose, Barnacle, see *Branta leucopsis*  
Brant, see *Branta bernicla*  
Cackling, see *Branta canadensis*  
Canada, see *Branta canadensis*  
Graylag, see *Anser anser*

- Lesser Snow, see *Anser caerulescens*  
 Lesser White-fronted, see *Anser erythropus*  
 Pink-footed, see *Anser fabalis*  
 Ross', see *Anser rossii*  
 Goshawk, see *Accipiter gentilis*  
 Gottfried, B. M., Anti-predator aggression in birds nesting in old field habitats: An experimental analysis, 251-257  
 Grabowski, G. L., Vocalizations of the Rufous-backed Thrush (*Turdus rufopalliatu*s) in Guerrero, Mexico, 409-416  
 Grackle, Common, see *Quiscalus quiscula*  
 Great-tailed, see *Quiscalus mexicanus*  
 Grant, G. S., Ring-billed Gull feeding on date fruit, 432-433  
 Grant, K. T., see Grant, P. R.  
 Grant, P. R., and Grant, K. T., Breeding and feeding ecology of the Galapagos Dove, 397-403  
 Grassquit, Black-faced, see *Tiaris bicolor*  
 Grau, C. R., see Roudybush, T. E.  
 Graves, C. R., see Eley, J. W.  
 Grebe, Pied-billed, see *Podilymbus podiceps*  
 Silvery, see *Podiceps occipitalis*  
 Greenlet, Tawny-crowned, see *Hylophilus ochraceiceps*  
 Grosbeak, Evening, see *Hesperiphona vespertina*  
 Grouse, Black, see *Lyrurus tetrix*  
 Blue, see *Dendragapus obscurus*  
 Red, see *Lagopus lagopus*  
 Ruffed, see *Bonasa umbellus*  
 Sharp-tailed, see *Pedioecetes phasianellus*  
 Spruce, see *Canachites canadensis*  
 Grzybowski, J. A., Responses of Barn Swallows to eggs, young, nests, and nest sites, 236-246  
 Guanay, see *Phalacrocorax bougainvillii*  
 Guillemot, Black, see *Cephus grylle*  
 Pigeon, see *Cephus columba*  
 Gull, Black-headed, see *Larus ridibundus*  
 Black-tailed, see *Larus crassirostris*  
 Bonaparte's, see *Larus philadelphia*  
 Brown-hooded, see *Larus maculipennis*  
 California, see *Larus californicus*  
 Glaucous, see *Larus hyperboreus*  
 Glaucous-winged, see *Larus glaucescens*  
 Great Black-backed, see *Larus marinus*  
 Grey-hooded, see *Larus cirrocephalus*  
 Herring, see *Larus argentatus*  
 Laughing, see *Larus atricilla*  
 Lesser Black-backed, see *Larus fuscus*  
 Mew, see *Larus canus*  
 Ring-billed, see *Larus delawarensis*  
 Sabine's, see *Xema sabini*  
 Silver, see *Larus novaehollandiae*  
 Western, see *Larus occidentalis*  
*Gygis alba*, 431  
*Gymnogyps californianus*, 166-172  
*Gymnophthys leucaspis*, 424  
*Gymnorhinus cyanocephalus*, 63  
*Gyps fulvus*, 333
- ## H
- Habia rubica*, 343, 344  
*Haematopus bachmani*, 433  
*ostralegus*, 433  
*palliatu*s, 433  
*Haliaeetus leucocephalus*, 218, 311-313  
 Hall-Craggs, J., Sound spectrographic analysis: suggestions for facilitating auditory imagery, 185-192  
 Hanka, L. R., Choice of host nest by the Brown-headed Cowbird in Colorado and Wyoming, 436-437  
 Hannon, S. J., and Zwickel, F. C., Probable non-breeders among female Blue Grouse, 78-82  
 Hanson, W. C., see Fitzner, R. E.  
 Harrier, Marsh, see *Circus aeruginosus*  
 Harrison, C. S., The association of marine birds and feeding Gray Whales, 93-96  
 Hawk, Bicolored, see *Accipiter bicolor*  
 Cooper's, see *Accipiter cooperii*  
 Crane, see *Geranospiza caerulescens*  
 Gray, see *Buteo nitidus*  
 Roadside, see *Buteo magnirostris*  
 Savannah, see *Heterospizias meridionalis*  
 Heineman, D., see Wahl, T. R.  
*Helmitheros vermivorus*, 99  
*Hemiprocne comata*, 308  
*longipennis*, 308  
 Hen-harrier, see *Circus cyaneus*  
*Henicorhina leucosticta*, 424  
 Heron, Black-crowned Night, see *Nycticorax nycticorax*  
 Great Blue, see *Ardea herodias*  
 Green, see *Butorides striatus*  
 Grey, see *Ardea cinerea*  
 Little Blue, see *Florida caerulea*  
 Louisiana, see *Hydranassa tricolor*  
 Northern Green, see *Butorides striatus*  
 Yellow-crowned Night, see *Nyctanassa violacea*  
*Herpetotheres cachinnans*, 322  
*Hesperiphona vespertina*, 211  
*Heteronetta atricapilla*, 195  
*Heterospizias meridionalis*, 320  
 Hicks, R. E., Guano deposition in an Oklahoma crow roost, 247-250  
 Hilsenbeck, S. G., Food of Silvery Grebes (*Podiceps occipitalis*) at Lake Cuicocha, Ecuador, 316  
*Himantopus himantopus*, 333  
*Himatione sanguinea*, 68  
 Hirsch, K. V., see Roudybush, T. E.  
*Hirundo rustica*, 99, 236  
*Histrionicus histrionicus*, 214  
 Holmes, R. T., Black, C. P., and Sherry, T. W., Comparative population bioenergetics of three insectivorous passerines in a deciduous forest, 9-20  
 Honey-guide, Greater, see *Indicator indicator*  
 Hummingbird, Allen's, see *Selasphorus sasin*  
 Anna's, see *Calypte anna*  
 Costa's, see *Calypte costae*  
 Cuban Bee, see *Calypte helenae*  
 Hairy Hermit, see *Glaucis hirsuta*  
 Hunter, D. R., see Eley, J. W.  
*Hydranassa tricolor*, 306  
*Hydrobates pelagicus*, 143, 162  
*Hylocichla mustelina*, 414  
*Hyloctistes subulatus*, 344  
*Hylexetastes stresemanni*, 344  
*Hylophilus ochraceiceps*, 343, 344
- ## I
- Ibis, Glossy, see *Plegadis falcinellus*  
 White, see *Eudocimus albus*  
 White-faced, see *Plegadis chihi*  
*Icteria virens*, 436  
*Icterus bullockii*, 93  
*cucullatus*, 28, 93  
*galbula*, 28-34, 436  
*leucopteryx*, 98  
 Iiwi, see *Vestiatiia coccinea*  
*Indicator indicator*, 93  
*Iridoprocne bicolor*, 244, 438
- ## J
- Jacobs, C. H., see Collias, E. C.  
 Jaeger, Long-tailed, see *Stercorarius longicaudus*  
 Parasitic, see *Stercorarius parasiticus*  
 Pomarine, see *Stercorarius pomarinus*

- Jay, Blue, see *Cyanocitta cristata*  
 Brown, see *Psilorhinus morio*  
 Mexican, see *Aphelocoma ultramarina*  
 Piñon, see *Gymnorhinus cyanocephalus*  
 San Blas, see *Cyanocorax sanblasiana*
- Jenkins, J. M., Natural history of the Guam Rail, 404–408
- Johnston, D. W., see Cruz, A.
- Johnston, D. W., The uropygial gland of the Sooty Tern, 430–432
- Junco caniceps*, 436  
*hyemalis*, 122, 180, 181, 314  
*phaeonotus*, 180, 181, 314
- Junco, Dark-eyed, see *Junco hyemalis*  
 Gray-headed, see *Junco caniceps*  
 Yellow-eyed, see *Junco phaeonotus*
- K**
- Kessel, B., Starlings become established at Fairbanks, Alaska, 437–438
- Kestrel, American, see *Falco sparverius*
- Kiff, L. F., Peakall, D. B., and Wilbur, S. R., Recent changes in California Condor eggshells, 166–172
- Kilham, L., Snake and pond snails as food of Grey-necked Wood-rails, 100–101
- Kilham, L., and O'Brien, P., Early breeding behavior of Lineated Woodpeckers, 299–303
- Kingbird, Tropical, see *Tyrannus melancholicus*  
 Western, see *Tyrannus verticalis*
- Kirbyson, J. W., see Butler, R. W.
- Kite, Everglade, see *Rostrhamus sociabilis*  
 Swallow-tailed, see *Elanoides forficatus*
- Kittiwake, Black-legged, see *Rissa tridactyla*
- Kiwi, Brown, see *Apteryx australis*
- Knopf, F. L., Spatial and temporal aspects of colonial nesting of White Pelicans, 353–363
- Koenig, W. D., and Williams, P. L., Notes on the status of Acorn Woodpeckers in Central Mexico, 317–318
- Kushlan, J. A., Feeding ecology and prey selection in the White Ibis, 376–389
- L**
- Lagopus lagopus*, 216, 261  
*leucurus*, 214, 217–218  
*mutus*, 216
- Lamm, D. W., see Russell, S. M.
- Land-rail, Banded, see *Rallus philippensis*
- Laniarius ferrugineus*, 189
- Lanio versicolor*, 343, 344
- Lanius nubicus*, 333
- Larosterna inca*, 431
- Larus argentatus*, 39, 141, 146–156, 158, 171, 230, 236, 249, 269–271, 295, 394, 427  
*atricilla*, 99, 142, 269–277  
*californicus*, 269–277, 390–396  
*canus*, 94, 275, 295  
*cirrocephalus*, 219, 438–439  
*crassirostris*, 275  
*delawarensis*, 141, 163, 269–277, 295, 432–433  
*fuscus*, 269–277  
*glaucescens*, 213, 275, 295, 390–396  
*hyperboreus*, 94, 295  
*maculipennis*, 274  
*marinus*, 295  
*novaehollandiae*, 118  
*occidentalis*, 116, 295, 390–396  
*philadelphia*, 94  
*ridibundus*, 146–156, 269–277, 333
- Leafscraper, Black-tailed, see *Sclerurus caudacutus*
- Leiothrix lutea*, 68
- Leiothrix, Red-billed, see *Leiothrix lutea*
- Lemke, T. O., Fruit-eating behavior of Swallow-tailed Kites (*Elanoides forficatus*) in Colombia, 207–208
- Leptasthenura fuliginiceps*, 208
- Leptopogon amaurocephalus*, 344  
*superciliaris*, 287
- Leptotila jamaicensis*, 98  
*verreauxi*, 90
- Leucopsar rothschildi*, 205
- Leucosticte tephrocotis*, 213
- Levenson, H., Time and activity budget of Ospreys nesting in northern California, 364–369
- Lill, A., Nest inattentiveness and its influence on development of the young in the Superb Lyrebird, 225–231
- Limosa lapponica*, 294–298
- Limpkin, see *Aramus guarauna*
- Lobipes lobatus*, 295
- Lonchura fuscans*, 90
- Longspur, Lapland, see *Calcarius lapponicus*
- Loon, Common, see *Gavia immer*  
 Yellow-billed, see *Gavia adamsii*
- Lophortyx californicus*, 282
- Loria loriae*, 203
- Loxia curvirostra*, 212
- Loxops coccinea*, 68  
*virens*, 68
- Lunda cirrhata*, 214, 295
- Lundberg, C.-A., and Vaisanen, R. A., Selective correlation of egg size with chick mortality in the Black-headed Gull (*Larus ridibundus*), 146–156
- Lyrebird, Superb, see *Menura superba*
- Lyrurus tetrrix*, 261
- M**
- Mader, W. J., First nest description for the genus *Micrastur* (Forest Falcons), 320
- Malcoha, Raffles', see *Phoenicophaeus chlorophaeus*
- Mallard, see *Anas platyrhynchos*
- Manacus manacus*, 289  
*vitellinus*, 90
- Manakin, Golden-collared, see *Manacus vitellinus*  
 Red-capped, see *Pipra mentalis*  
 White-bearded, see *Manacus manacus*  
 White-ruffed, see *Corapipo altera*
- Mango, Green-breasted, see *Anthracothorax prevostii*
- Manuwal, D. A., Reproductive commitment and success of Cassin's Auklet, 111–121
- Martin, D. J., Songs of the Fox Sparrow. II Intra- and Interpopulation variation, 173–184
- Martin, D. J., see Dixon, K. L.
- Martin, House, see *Delichon urbica*
- Matsui, M., see Baptista, L. F.
- McAlary, F., see Collias, E. C.
- McClure, H. E., Nesting of the White-whiskered Tree Swift in Malaya, 308–311
- McEllin, S. M., Nest sites and population demographics of White-breasted and Pigmy nuthatches in Colorado, 348–352
- Meadowlark, Western, see *Sturnella neglecta*
- Megaceryle alcyon*, 99
- Megadyptes antipodes*, 36
- Melanerpes carolinus*, 122–132  
*erythrocephalus*, 6, 122–132  
*formicivorus*, 1–7, 317–318  
*lewis*, 6  
*superciliaris*, 373, 374
- Melanitta fusca*, 36
- Meleagris gallopavo*, 293
- Melospiza undulatus*, 333
- Melospiza lincolnii*, 436  
*melodia*, 39, 143, 173, 181, 214, 279, 314
- Menura superba*, 225–231

- Mergus serrator*, 432  
 Merlin, see *Falco columbarius*  
*Micrastur mirandollei*, 345  
     *semitorquatus*, 320  
*Microbates cinereiventris*, 101  
     *collaris*, 101–102  
*Microrhopias quixensis*, 340, 343–344  
*Mimus gilvus*, 98  
*Mionectes olivaceus*, 344  
*Mniotilta varia*, 99  
 Mockingbird, Galápagos, see *Nesomimus parvulus*  
     Tropical, see *Mimus gilvus*  
*Molothrus ater*, 21, 244, 249, 304, 427, 436–437  
 Morrison, M. L., Eggshell thickness changes in Pacific Ocean Phaethontidae and Sulidae, 209  
 Morton, M. L., Fecal sac ingestion in the Mountain White-crowned Sparrow, 72–77  
*Morus bassanus*, 39, 432  
 Munia, Dusky, see *Lonchura fuscans*  
 Munn, C. A., Terborgh, J. W., Multi-species territoriality in neotropical foraging flocks, 338–347  
 Murre, Common, see *Uria aalge*  
     Thick-billed, see *Uria lomvia*  
 Murrelet, Ancient, see *Synthliboramphus antiquus*  
*Muscicapa striata*, 333  
*Mycteria americana*, 378  
*Myiodynastes maculatus*, 301  
 Myna, Common, see *Acridotheres tristis*  
     Rothschild's, see *Leucopsar rothschildi*  
*Myrmoborus myotherinus*, 344  
*Myrmotherula axillaris*, 304–341, 342, 344  
     *brachyura*, 340, 343, 344  
     *hauxwelli*, 340, 343  
     *iheringi*, 340, 341, 342, 344  
     *leucophthalma*, 340, 343, 344  
     *longipennis*, 340, 342, 344  
     *menetriesii*, 341, 342, 344  
     *ornata*, 344
- N
- Nectarinia osea*, 333, 336  
 Neill, R. L., see Sharp, M. S.  
*Nesomimus parvulus*, 398  
 Norman, D. O., see Smith, D. G.  
*Numenius phaeopus*, 99  
*Nutallornis borealis*, 436  
 Nuthatch, Pigmy, see *Sitta pygmaea*  
     White-breasted, see *Sitta carolinensis*  
*Nyctanassa violacea*, 306, 398  
*Nyctea scandiaca*, 213–214, 230  
*Nyctibius grandis*, 320–321, 322  
     *griseus*, 322  
*Nycticorax nycticorax*, 244, 306, 333
- O
- O'Brien, P., see Kilham, L.  
*Oceanodroma castro*, 157  
     *furcata*, 157–165, 214, 390–396  
     *homochroa*, 164  
     *leucorhoa*, 102–103, 157, 214  
     *tethys*, 162  
*Oceanites oceanicus*, 162, 230  
 O'Connor, R. J., Egg weights and brood reduction in the European Swift (*Apus apus*), 133–145  
 Ogilvie, M. A., see Owen, M.  
 Omas, see *Phaeornis obscurus*  
 Oniki, Y., and Willis, E. P., A nest of the Collared Gnatwren (*Microbates collaris*), 101–102  
*Oporornis formosus*, 99  
 Oriole, Bullock's, see *Icterus bullockii*  
     Hooded, see *Icterus cucullatus*  
     Jamaican, see *Icterus leucopteryx*  
     Northern, see *Icterus galbula*  
     Osprey, see *Pandion haliaetus*  
     Ostrich, see *Struthio camelus*  
     Ovenbird, see *Seiurus aurocapillus*  
     Owen, M., and Ogilvie, M. A., Wing molt and weights of Barnacle Geese in Spitsbergen, 42–52  
     Owl, Great Horned, see *Bubo virginianus*  
         Short-eared, see *Asio flammeus*  
         Snowy, see *Nyctea scandiaca*  
     Oystercatcher, American, see *Haematopus palliatus*  
         Black, see *Haematopus bachmani*  
         European, see *Haematopus ostralegus*
- P
- Pachyptila desolata*, 162  
 Paganelli, C. V., see Ar, A.  
*Pagodroma nivea*, 162  
*Pandion haliaetus*, 364–369  
 Parker, T. A., III, see Eley, J. W.  
 Parrot, Red-lored, see *Amazona autumnalis*  
     White-crowned, see *Pionis senilis*  
 Partridge, see *Perdix perdix*  
*Parula americana*, 99, 100  
*Parula*, Northern, see *Parula americana*  
*Parus atricapillus*, 421  
     *caeruleus*, 155  
     *carolinensis*, 261, 421, 420  
     *gambeli*, 421  
     *hudsonicus*, 423  
     *inornatus*, 421  
     *major*, 36, 133, 143, 153  
     *sclateri*, 421–423  
*Passer domesticus*, 86, 93, 141, 195, 236, 251, 267, 333, 427, 431, 436  
     *moabiticus*, 333  
     *montanus*, 104  
*Passerculus sandwichensis*, 196  
*Passerella iliaca*, 173–184, 204, 278  
*Passerina amoena*, 182, 436  
     *cyanea*, 99, 143  
 Patten, S. M., see Roudybush, T. E.  
 Paulson, D. R., see Perrone, Jr., M.  
 Peakall, D. B., see Kiff, L. F.  
 Pearson, O. P., Spacing and orientation among feeding Golden-crowned Sparrows, 278–285  
*Pedioecetes phasianellus*, 261  
*Pelagodroma marina*, 162  
*Pelecanus conspicillatus*, 359  
     *erythrorhynchus*, 353–363  
     *occidentalis*, 170, 209, 361  
     *onocrotalus*, 359  
     *rufescens*, 359  
 Pelican, Australian, see *Pelecanus conspicillatus*  
     Brown, see *Pelecanus occidentalis*  
     European White, see *Pelecanus onocrotalus*  
     Pink-backed, see *Pelecanus rufescens*  
     White, see *Pelecanus erythrorhynchus*  
 Penguin, Adélie, see *Pygoscelis adeliae*  
     Emperor, see *Aptenodytes forsteri*  
     Little, see *Eudyptula minor*  
     Yellow-eyed, see *Megadyptes antipodes*  
*Perdix perdix*, 429  
 Perrone, Jr., M., and Paulson, D. R., Incidence of distress calls in mist-netted birds, 423–424  
 Perry, D. R., The Great Potoo in Costa Rica, 320–321  
 Peterson, M. R., see Roudybush, T. E.  
 Petrel, Gray-faced, see *Pterodroma macroptera*  
     Mottled, see *Pterodroma inexpectata*  
     Snow, see *Pagodroma nivea*  
     Storm, see *Hydrobates pelagicus*  
*Petrochelidon pyrrhonota*, 438  
 Peewee, Western Wood, see *Contopus sordidulus*  
*Phaeornis obscurus*, 65–71  
*Phaethon rubricauda*, 209

- Phalacrocorax aristotelis*, 39, 143  
*auritus*, 209  
*bougainvillii*, 118, 248  
*pelagicus*, 213  
*penicillatus*, 116  
*urile*, 213
- Phalarope, Northern, see *Lobipes lobatus*  
 Red, see *Phalaropus fulicarius*
- Phalaropus fulicarius*, 295  
*Phasianus colchicus*, 333  
*Pheucticus ludovicianus*, 99  
*Philydor ruficaudatus*, 342, 344  
*rufus*, 344
- Phoebe, Say's, see *Sayornis saya*
- Phoenicophaeus chlorophaeus*, 309  
*Picoides borealis*, 372  
*pubescens*, 122-132, 302, 372  
*villosus*, 372
- Piculet, Rufous-breasted, see *Picumnus rufiventris*  
*Picumnus rufiventris*, 344
- Pigeon, White-crowned, see *Columba leucocephala*  
 Wood, see *Columba palumbus*
- Pinkowski, B. C., Effect of nesting history on egg size  
 in Eastern Bluebirds, 210
- Pinkowski, B. C., Nest site selection in Eastern Blue-  
 birds, 435-436
- Pintail, see *Anas acuta*
- Pionis senilis*, 301
- Pipilo erythrophthalmus*, 313-316  
*fuscus*, 282
- Pipra mentalis*, 90
- Pipromorpha macconnelli*, 286  
*oleaginea*, 286-292, 344  
*rufiventris*, 286
- Piranga ludoviciana*, 93  
*Platypsaris minor*, 344
- Pleasants, B. Y., Adaptive significance of the variable  
 dispersion patterns of breeding Northern Ori-  
 oles, 28-34
- Plectrophenax nivalis*, 214  
*Plegadis chihi*, 306  
*falcinellus*, 306
- Ploceus cucullatus*, 91-93  
*Podiceps occipitalis*, 316  
*Podilymbus podiceps*, 431, 432  
*Porzana palmeri*, 405
- Potoo, Common, see *Nyctibius griseus*  
 Great, see *Nyctibius grandis*
- Prickletail, Spectacled, see *Siptornis striaticollis*
- Prince, H. H., see Batts, B. D. J.
- Prinia gracilis*, 333
- Prion, Dove, see *Pachyptila desolata*
- Prion, Fairy, see *Pachyptila turtur*
- Procellaria tenuirostris*, 36  
*Protonotaria citrea*, 99  
*Psilorhinus morio*, 301
- Ptarmigan, Rock, see *Lagopus mutus*  
 White-tailed, see *Lagopus leucurus*
- Pterodroma inexpectata*, 162  
*macroptera*, 162
- Pteroglossus torquatus*, 301  
*Ptychoramphus aleuticus*, 111-121, 214, 295
- Puffin, Horned, see *Fratercula corniculata*  
 Tufted, see *Lunda cirrhata*
- Puffinus bulleri*, 390-396  
*carneipes*, 390-396  
*creatopus*, 390-396  
*gravis*, 323  
*griseus*, 94, 162, 323, 390-396  
*puffinus*, 36, 162  
*tenuirostris*, 94
- Pycnonotus capensis*, 333  
*Pygiptila stelleris*, 344
- Pygmy-owl, Ferruginous, see *Glaucidium brasilianum*  
 Pygmy-tyrant, Helmeted, see *Colaptes auratus*
- Pygoscelis adeliae*, 36, 431  
*Pyrrhula pyrrhula*, 195
- ## Q
- Quail, California, see *Lophortyx californicus*  
 Common, see *Coturnix coturnix*  
 Japanese, see *Coturnix coturnix*
- Quiscalus mexicanus*, 304, 411, 427  
*quiscula*, 143, 248, 304, 427, 436
- ## R
- Rahn, H., see Ar, A.
- Raikow, R. J., Borecky, S. R., and Berman, S. L., The  
 evolutionary re-establishment of a lost ancestral  
 muscle in the bowerbird assemblage, 203-206
- Rail, Barred, see *Rallus torquatus*  
 Guam, see *Rallus owstoni*  
 Laysan, see *Porzana palmeri*
- Rallus owstoni*, 404-408  
*philippensis*, 404  
*torquatus*, 404
- Ramphocaenus melanurus*, 101
- Ratcliffe, L. M., see Boag, P. T.
- Ray, T. D., see Braun, O. E.
- Redhead, see *Aythya americana*
- Redpoll, Common, see *Carduelis flammea*  
 Hoary, see *Carduelis hornemanni*  
 Lesser, see *Carduelis flammea*
- Redstart, American, see *Setophaga ruticilla*
- Reid, V. H., see Braun, O. E.
- Ridgely, R. S., and Wilcove, D., First nesting record of  
 Gray-hooded Gull from Ecuador, 438-439
- Riparia riparia*, 99, 236  
*Rissa tridactyla*, 39, 94, 116, 152, 213, 295, 394
- Roadrunner, see *Geococcyx californianus*
- Roberts, R. C., Habitat and resource relationships in  
 Acorn Woodpeckers, 1-8
- Robin, American, see *Turdus migratorius*  
 Pale-vented, see *Turdus fumigatus*
- Robin-chat, Blue-shouldered, see *Cossypha cyano-  
 campter*
- Rostrhamus sociabilis*, 101
- Roudybush, T. E., Grau, C. R., Peterson, M. R., Ainley,  
 D. G., Hirsch, K. V., Gilman, A. P., and Patten,  
 S. M., Yolk formation in some charadriiform  
 birds, 293-298
- Russell, S. M., Barlow, J. C., and Lamm, D. W., Status  
 of some birds on Isla San Andres and Isla Provi-  
 dencia, Colombia, 98-100
- Rutledge, J. T., see Schwab, R. G.
- ## S
- Sandpiper, Rock see *Calidris ptilocnemis*  
 Western, see *Calidris mauri*
- Sayornis saya*, 436
- Schwab, R. G., and Rutledge, J. T., Photophase and  
 testicular recrudescence in European Starlings,  
 265-268
- Sclerurus caudacutus*, 344
- Scoters, Velvet, see *Melanitta fusca*
- Scott, J. M., see van Riper III, C.
- Scytalopus magellanicus*, 208  
*superciliaris*, 208
- Scythebill, Red-billed, see *Campylorhamphus trochi-  
 lirostris*
- Searcy, W. A., Size and mortality in male Yellow-head-  
 ed Blackbirds, 304-305
- Searcy, W. A., Morphological correlates of dominance  
 in captive male Red-winged blackbirds, 417-420
- Seiurus aurocapillus*, 31, 99, 182  
*novboracensis*, 99

- Selasphorus sasin*, 88  
*Setophaga ruticilla*, 99, 100  
 Shag, see *Phalacrocorax aristotelis*  
 Sharp, M. S., and Neill, R. L., Physical deformities in a population of wintering blackbirds, 427–320  
 Shearwater, Buller's, see *Puffinus bulleri*  
   Flesh-footed, see *Puffinus carneipes*  
   Manx, see *Puffinus puffinus*  
   Pink-footed, see *Puffinus creatopus*  
   Short-tailed, see *Procellaria tenuirostris*  
   Sooty, see *Puffinus griseus*  
 Sherry, T. T., see Holmes, R. T.  
 Shields, G. F., see Troy, D. M.  
 Short, J. J., Patterns of alpha-diversity and abundance in breeding bird communities across North America, 21–27  
 Shoveler, Northern, see *Anas clypeata*  
 Shrike-tanager, White-winged, see *Lanio versicolor*  
*Sialia sialis*, 210, 435–436  
*Siptornis striaticollis*, 319  
 Siskin, Eurasian, see *Carduelis spinus*  
   Pine, see *Carduelis pinus*  
*Sitta carolinensis*, 122–132, 348–352  
   *pygmaea*, 348–352  
*Sittasomus griseicapillus*, 341, 343, 344  
 Skua, see *Catharacta skua*  
 Slud, P., First record of Leach's Storm-petrel in Costa Rica: a correction, 102–103  
 Slud, P., Calls of the Great Potoo, 322  
 Snow, B. K., and Snow, D. W., The Ochre-bellied Flycatcher and the evolution of lek behavior, 286–292  
 Snow, D. W., see Snow, B. K.  
 Smith, D. G., and Norman, D. O., "Leader-follower" singing in Red-winged Blackbirds, 83–85  
*Somateria mollissima*, 36, 427  
 Sparrow, Brewer's, see *Spizella breweri*  
   Eurasian Tree, see *Passer montanus*  
   Field, see *Spizella pusilla*  
   Fox, see *Passerella iliaca*  
   Golden-crowned, see *Zonotrichia atricapilla*  
   Harris, see *Zonotrichia querula*  
   House, see *Passer domesticus*  
   Ipswich, see *Passerculus sandwichensis*  
   Lincoln's, see *Melospiza lincolni*  
   Rufous-collared, see *Zonotrichia capensis*  
   Song, see *Melospiza melodia*  
   White-crowned, see *Zonotrichia leucophrys*  
   White-throated, see *Zonotrichia albicollis*  
*Spizella breweri*, 436  
   *pusilla*, 251–257, 261, 304  
 Spoonbill, Roseate, see *Ajaia ajaja*  
 Starling European, see *Sturnus vulgaris*  
*Stelgidopteryx ruficollis*, 244  
*Stercorarius longicaudus*, 394  
   *parasiticus*, 213, 390  
   *pomarinus*, 390  
*Sterna albifrons*, 430  
   *anaethetus*, 431  
   *caspia*, 430, 431  
   *forsteri*, 431  
   *fuscata*, 236, 430–432  
   *hirundo*, 146, 162, 170, 269, 333, 431  
   *maxima*, 99, 236, 431  
   *paradisaea*, 94, 152, 274, 295, 431  
   *sandvicensis*, 361, 431  
 Stiles, E. W., Nest and eggs of the White-browed Tapaculo (*Scytalopus superciliaris*), 208  
 Stork, Wood, see *Mycteria americana*  
 Storm-petrel, see *Hydrobates pelagicus*  
   Ashy, see *Oceanodroma homochroa*  
   Black-bellied, see *Fregetta tropica*  
   Fork-tailed, see *Oceanodroma furcata*  
   Galápagos, see *Oceanodroma tethys*  
   Leach's, see *Oceanodroma leucorhoa*  
   Madeiran, see *Oceanodroma castro*  
   White-faced, see *Pelagodroma marina*  
   Wilson's, see *Oceanites oceanicus*  
*Streptopelia decaocto*, 333  
   *risoria*, 162, 333, 335  
   *senegalensis*, 333  
   *turtur*, 333  
*Strix aluco*, 333  
*Struthio camelus*, 194, 333  
*Sturnella neglecta*, 314  
*Sturnus vulgaris*, 74, 244, 265–268, 429, 437–438  
*Sula dactylatra*, 209, 360  
   *leucogaster*, 209, 360  
   *sula*, 209  
 Sulzbach, D. S., and Cooke, F., Demographic parameters of a nesting colony of Snow Geese, 232–235  
 Sunbird, Palestine, see *Nectarinia osea*  
 Swallow, Bank, see *Riparia riparia*  
   Barn, see *Hirundo rustica*  
   Cliff, see *Petrochelidon pyrrhonota*  
   Mangrove, see *Tachycineta albilinea*  
   Rough-winged, see *Stelgidopteryx ruficollis*  
   Tree, see *Iridoprocne bicolor*  
   Violet-green, see *Tachycineta thalassina*  
 Swan, Mute, see *Cygnus olor*  
 Swift, European, see *Apus apus*  
 Swiftlet, Vanikoro, see *Collocalia vanikorensis*  
*Sylvia borin*, 193  
*Synthliboramphus antiquus*, 214
- ## T
- Tachycineta albilinea*, 90  
   *thalassina*, 438  
*Tachyphonus rufiventer*, 344  
 Tanager, Green-and-Gold, see *Tangara schrankii*  
   Palm, see *Thraupis palmarum*  
   Silver-throated, see *Tangara icterocephala*  
   Western, see *Piranga ludoviciana*  
   Yellow-crested, see *Tachyphonus rufiventer*  
*Tangara icterocephala*, 424  
   *schrankii*, 344  
 Tapaculo, Andean, see *Scytalopus magellanicus*  
   White-browed, see *Scytalopus superciliaris*  
 Teal, Blue-winged, see *Anas discors*  
   Green-winged, see *Anas crecca*  
*Teratornis merriami*, 197  
 Terborgh, J. W., see Munn, C. A.  
*Terenura callinota*, 319  
 Tern, Arctic, see *Sterna paradisaea*  
   Bridled, see *Sterna anaethetus*  
   Common, see *Sterna hirundo*  
   Noddy, see *Anous stolidus*  
   Royal, see *Sterna maximus*  
   Sandwich, see *Sterna sandvicensis*  
   Sooty, see *Sterna fuscata*  
*Tetrao urogallus*, 229  
*Thamnomanes ardesiacus*, 339, 342, 344  
   *schistogynus*, 339, 342, 344  
*Thamnophilus aethiops*, 344  
   *punctatus*, 90  
   *schistaceus*, 344  
 Thompson, W. L., Suggestions for preparing audio-spectrograms for publication, 220–221  
 Thrasher, Brown, see *Toxostoma rufum*  
   California, see *Toxostoma redivivum*  
*Thraupis palmarum*, 205  
 Thrush, Black-billed, see *Turdus ignobilis*  
   Clay-colored, see *Turdus grayi*  
   European song, see *Turdus philomelos*



Great, see *Turdus fuscater*  
 Hermit, see *Catharus guttatus*  
 Mistle, see *Turdus viscivorus*  
 New Zealand, see *Turnagra capensis*  
 Rufous-backed, see *Turdus rufopalliatus*  
 Song, see *Turdus philomelos*  
 White-necked, see *Turdus assimilis*  
 Wood, see *Hylocichla mustelina*

*Thryothorus ludovicianus*, 261

*Tiaris bicolor*, 100

Tit, Blue, see *Parus caeruleus*

Great, see *Parus major*

Titmouse, Plain, see *Parus inornatus*

Tit-spinetail, Brown-capped, see *Leptasthenura fuliginiceps*

Tityra, Black-tailed, see *Tityra cayana*

Masked, see *Tityra semifasciata*

*Tityra cayana*, 301

*semifasciata*, 301

*Tolmomyias assimilis*, 344

*sulphurescens*, 290

Towhee, Brown, see *Pipilo fuscus*

Rufous-sided, see *Pipilo erythrophthalmus*

*Toxostoma redivivum*, 282

*rufum*, 251-257

Tree Swift, Grey-rumped, see *Hemiprocne longipennis*

Lesser, see *Hemiprocne comata*

*Troglodytes aedon*, 39, 143, 210

*troglodytes*, 213

Tropicbird, Red-tailed, see *Phaethon rubricauda*

Trout, J. R., see Burger, J.

Troy, D. M., and Shields, G. F., Multiple nesting attempts by Alaskan Redpolls, 96-98

*Turdus assimilis*, 414

*fumigatus*, 409

*fuscater*, 414

*grayi*, 414

*ignobilis*, 414

*merula*, 53, 189, 333, 409

*migratorius*, 251-257, 409, 429, 436

*philomelos*, 67, 143

*plebejus*, 414

*rufopalliatus*, 409-416

*viscivorus*, 409

Turkey, see *Meleagris gallopavo*

*Turnagra capensis*, 203

Turnstone, Ruddy, see *Arenaria interpres*

*Tympanuchus cupido*, 261

*Tyrannus melancholicus*, 196

*tyrannus*, 99

*verticalis*, 31

*Tyto alba*, 333

## U

*Uria aalge*, 213, 236, 295

*lomvia*, 213

*Uroctonus cazieri*, 341

## V

Vaisanen, R. A., see Lundberg, C.-A.

van Riper III, C., and Scott, J. M., Observations on distribution, diet and breeding of the Hawaiian Thrush, 65-71

Veery, see *Catharus fuscescens*

*Vermivora peregrina*, 99, 100

*Vestiaria coccinea*, 68

Vireo, Black-whiskered, see *Vireo altiloquus*

Red-eyed, see *Vireo olivaceus*

San Andres, see *Vireo caribaeus*

Solitary, see *Vireo solitarius*

Thick-billed, see *Vireo crassirostris*

Warbling, see *Vireo gilvus*

*Vireo altiloquus*, 98

*caribaeus*, 98

*crassirostris*, 98

*gilvus*, 436

*olivaceus*, 9-20

*solitarius*, 436

Vleck, C. M., and Vleck, D., Metabolic rate in five tropical species, 89-91

Vleck, D., see Vleck, C. M.

*Vultur gryphus*, 170

Vulture, Black, see *Coragyps atratus*

Turkey, see *Cathartes aura*

## W

Wahl, T. R., and Heinemann, D., Seabirds and fishing vessels: Co-occurrence and attraction, 390-396

Warbler, Blackpoll, see *Dendroica striata*

Black-throated Blue, see *Dendroica caerulescens*

Garden, see *Sylvia borin*

Hooded, see *Wilsonia citrina*

Prairie, see *Dendroica discolor*

Reed, see *Acrocephalus scirpaceus*

Sedge, see *Acrocephalus schoenobaenus*

Tennessee, see *Vermivora peregrina*

Worm-eating, see *Helmitheros vermivorus*

Yellow, see *Dendroica petechia*

Ward, E. K., see Bluhm, C. K.

Wasserman, F. E., The relationship between habitat and song in the White-throated Sparrow, 424, 426

Waterthrush, Northern, see *Seiurus noveboracensis*

Weatherhead, P. J., Behavioral implications of the defense of a Shoveler brood by Common Eiders, 427

Weaverbird, Village, see *Ploceus cucullatus*

Wheelwright, N. T., see Boersma, P. D.

White-eye, Japanese, see *Zosterops japonica*

Wigeon, American, see *Anas americana*

Wilbur, S. R., see Kiff, L. F.

Wilcove, D., see Ridgely, R. S.

Williams, J. B., and Batzli, G. O., Competition among bark-foraging birds in Central Illinois: experimental evidence, 122-132

Williams, P. L., and Frank, L. G., Diet of the Snowy Owl in the absence of small mammals, 213-214

Williams, P. L., see Koenig, W. D.

Willis, E. O., see Oniki, Y.

*Wilsonia citrina*, 99

Woodcreeper, Bar-bellied, see *Hylexetastes stresemanni*

Buff-throated, see *Xiphorhynchus guttatus*

Cinnamon-throated, see *Dendrexetastes rufigula*

Long-tailed, see *Deconychura longicauda*

Olivaceous, see *Sittasomus griseicapillus*

Spix's, see *Xiphorhynchus spixii*

Striped, see *Xiphorhynchus obsoletus*

Wedge-billed, see *Glyphorhynchus spirurus*

Woodhaunter, Striped, see *Hyloctistes subulatus*

Woodpecker, Acorn, see *Melanerpes formicivorus*

Crimson Crested, see *Campephilus melanoleucos*

Downy, see *Picoides pubescens*

Hairy, see *Picoides villosus*

Lewis', see *Melanerpes lewis*

Lineated, see *Dryocopus lineatus*

Pale-billed, see *Campephilus guatemalensis*

Pileated, see *Dryocopus pileatus*

Red-bellied, see *Melanerpes superciliosus*

Red-bellied, see *Melanerpes carolinus*

Red-cockaded, see *Picoides borealis*

Red-headed, see *Melanerpes erythrocephalus*

Wood-rail, Grey-necked, see *Aramides cajanea*

Woodswallow, White-breasted, see *Artamus leucorhynchus*

- Wood-wren, White-breasted, see *Henicorhina leucosticta*  
 Wren, Cactus, see *Campylorhynchus brunneicapillus*  
 Carolina, see *Thryothorus ludovicianus*  
 House, see *Troglodytes aedon*  
 Musician, see *Cyphorhinus aradus*  
 Winter, see *Troglodytes troglodytes*

## X

- Xanthocephalus xanthocephalus*, 25, 304-305, 427-430, 437  
*Xema sabini*, 295, 390-396  
*Xenops minutus*, 343, 344  
*rutilans*, 319  
 Xenops, Plain, see *Xenops minutus*  
*Xiphorhynchus guttatus*, 90, 344  
*obsoletus*, 341, 343, 344  
*spixii*, 344

## Y

- Yasukawa, K., Territory establishment in Red-winged Blackbirds: Importance of aggressive behavior and experience, 258-264  
 Yellowthroat, Common, see *Geothlypis trichas*

## Z

- Zenaida asiatica*, 98  
*galapagoensis*, 397-403  
*macroura*, 96, 251-257, 282, 436  
*Zonotrichia albicollis*, 63, 180, 194, 417, 424-426  
*atricapilla*, 122, 278-285  
*capensis*, 180, 261, 426  
*leucophrys*, 72-77, 180, 181  
*querula*, 284, 417  
*Zosterops japonica*, 68  
 Zwickel, F. C., see Hannon, S. J.