

INDEX TO VOLUME 69

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

A

- Acanthis flammea*, 451, 455
- Accipiter cooperii*, 481, 490
 - gentilis*, 209, 481
 - striatus*, 314, 481
- Acrocephalus arundinaceus orientalis*, 398
- Aechmorhorus*, 278
 - elasson*, 282
 - occidentalis*, 209, 282, 469
 - occidentalis lucasi*, 24
- Aegithalos caudatus*, 451, 455
- Aeronauta saxatalis*, 482
- Aethia cristatella*, 417
 - pusilla*, 417
- Agapornis*, 31
 - cana*, 31
 - taranta*, 31
- Agelaius phoeniceus*, 424, 583
 - phoeniceus californicus*, 292
 - tricolor*, 292
- Aimophila botterii*, 596–600
 - botterii botterii*, 596
 - botterii petenica*, 596–600
 - botterii sartorii*, 596
 - botterii spadiconigrescens*, 598
 - botterii tabascensis*, 598, 600
 - botterii texana*, 596
 - botterii vantynei*, 596
 - ruficeps*, 488, 490
- Aix sponsa*, 531
- Albatross, Laysan, 586–595
- Amadon, Dean, Galápagos finches grooming marine iguanas, 311
- Ammodramus bairdii*, 88
 - savannarum*, 428
- Ammospiza caudacuta*, 428
- Amphispiza bilineata*, 429, 488
- Anas acuta*, 158, 205, 414
 - carolinensis*, 415
 - castanea*, 185
 - garganey*, 158
 - platyrhynchos*, 25
- Anderson, Daniel W. and Bartonek, James C., additional observations on the status of North American white pelicans, 311
- Andrle, Robert F., the horned guan in México and Guatemala, 93
- Anous*, 203
 - minutus*, 208
 - stolidus*, 87, 203, 208
 - tenuirostris*, 203
 - tenuirostris atlanticus*, 172
- Anthus pratensis*, 451
- Antpitta, Scaled, 605

Aphelocoma, 513

- coeruleocephala*, 483
- ultramarina*, 515
- unicolor*, 516

Aphrastura spinicauda, 400–404**Aquila chrysaetos**, 432, 481**Aratinga canicularis**, 30

- holochlora*, 35

Archilochus alexandri, 482**Ardea herodias**, 312**Arenaria interpres**, 157, 202, 208, 415**Auklet, Crested**, 417

- Least*, 417

Parakeet, 417

Aussiker, William H., Bower, Edward B., Helms, Carl W., and Fretwell, Stephen D., a biometric study of major body components of the slate-colored junco, *Junco hyemalis*, 560

Aythya, 415

- affinis*, 531

B**Babbler, Jungle**, 377

Bakus, Gerald J., changes in the avifauna of Fanning Island, Central Pacific, between 1924 and 1963, 207

Barlow, Jon C., nesting of the black-capped vireo in the Chisos Mountains, Texas, 605

Bartonek, James C., and Anderson, Daniel W., additional observations on the status of North American white pelicans, 311

Blackbird, Red-winged, 292, 424, 583

- Rusty*, 315

- Tricolored*, 292

Bluebird, Mountain, 485

- Western*, 485

Blus, Lawrence J., sharp-tailed grouse relations to a food source near a dancing ground, 532

Blyumental, Tatyana I., and Dolnik, Victor R., autumnal premigratory and migratory periods in the chaffinch (*Fringilla coelebs coelebs*) and some other temperate-zone passerine birds, 435

Bobolink, 295, 583**Bobwhite**, 184, 540, 545, 599

- Blackthroated*, 540, 545

Boettcher, John W. and Zimmerman, Dale A., the common loon in Sonora, México, 527

Bombycilla cedrorum, 581

- garrrula*, 315

Booby, Blue-faced, 207

- Brown*, 201, 203, 207

- Red-footed*, 207

- Bower, Edward B., Helms, Carl W., Aussiker, William H., and Fretwell, Stephen D., a biometric study of major body components of the slate-colored junco, *Junco hyemalis*, 560
- Brachyramphus marmoratum*, 412
- Brant, Black, 414
- Branta canadensis*, 24, 319
nigricans, 414
- Brotogeris jugularis*, 28-41
versicolorus versicolorus, 32
- Browning, M. Ralph, and English, William, Anna's hummingbird in southwestern Oregon, 89; possible yellow-shafted flicker in southwestern Oregon, 210
- Brush, Alan H., hemoglobins of a ring-necked pheasant \times jungle fowl hybrid, 206; pigmentation in the scarlet tanager, *Piranga olivacea*, 549
- Bubo virginianus*, 482
- Bubulcus ibis*, 432, 608
- Bullfinch, 251
- Bunting, Indigo, 427, 487
Lark, 423, 428
Lazuli, 487, 584
McKay's, 531
Painted, 428
Snow, 418
- Bush-Tanager, Common, 605
- Bussjaeger, Louis J., Carpenter, Charles C., Cleveland, Harold L., and Marcellini, Dale L., turkey vulture migration in Veracruz, México, 425
- Buteogallus anthracinus*, 420
- Buteo jamaicensis*, 432, 481
lagopus, 314
- C**
- Cade, Tom J., and Maclean, Gordon L., transport of water by adult sandgrouse to their young, 323
- Calamospiza melanocorys*, 423, 428
- Calcarius lapponicus*, 412, 417
- Calidris canutus*, 421
- Callipepla squamata*, 481, 535-547
- Calocitta formosa*, 517
- Calypte anna*, 89
- Campylorhynchus brunneicapillus*, 528
megalopterus, 519
zonatus, 523
- Canary, 293
- Capella gallinago*, 158
- Cardinal, 172
- Carpenter, Charles C., Bussjaeger, Louis J., Cleveland, Harold L., and Marcellini, Dale L., turkey vulture migration in Veracruz, México, 425
- Carpodacus erythrinus*, 451
mexicanus, 251, 487, 584
- Catbird, 310
- Cathartes aura*, 425, 431, 481
- Catherpes mexicanus*, 485
- Centrocercus urophasianus*, 25
- Centropelma micropterum*, 470
- Centurus hoffmannii*, 523
purcherani, 523
rubicapillus, 523
- Cephus columba*, 417
- Certhia familiaris*, 485
- Chachalaca, Black, 96
- Chaetura vauxi*, 421
- Chaffinch, 435-468
- Charadrius semipalmatus*, 413, 415, 585
vociferus, 421
- Chat, Yellow-breasted, 193, 487
- Chen caerulescens*, 25
- Chickadee, Black-capped, 259-267, 344-359
Mountain, 484
- Chloris chloris*, 451
- Chlorospingus ophthalmicus*, 605
- Chlorura chlorura*, 488
- Chondestes grammacus*, 584
- Chordeiles acutipennis*, 579
minor, 482
- Church, Ronald L., capture of a hoary bat, *Lasiurus cinereus*, by a sparrow hawk, 426
- Cinclus mexicanus*, 490
- Cissolopha yucatanica*, 516
- Cisticola*, 185
- Cistothorus platensis*, 599
- Clangula hyemalis*, 415
- Clark, George A., Jr., individual variation in natal pterylosis of red-winged blackbirds, 423
- Cleveland, Harold L., Bussjaeger, Louis J., Carpenter, Charles C., and Marcellini, Dale J., turkey vulture migration in Veracruz, México, 425
- Coccyzus americanus*, 584
erythrophthalmus, 318
- Colaptes, 172
auratus, 210
cafer, 421, 482
- Colinus nigrogularis*, 540, 545
virginianus, 184, 540, 545
- Collias, Nicholas E., and Collias, Elsie C., a field study of the red jungle fowl in north-central India, 360
- Columba fasciata*, 481
livia, 584
- Conopodera aequinoctialis*, 208
- Contopus pertinax*, 430
sordidulus, 483, 580
- Coragyps atratus*, 146-155, 431
- Cormorant, Double-crested, 311
Guanay, 43
Pelagic, 413

- Corvus brachyrhynchos*, 484
corax, 412, 417, 484
cornix, 62
frugilegus, 10
Coturnix coturnix, 206
Cowbird, Brown-headed, 89, 289–297, 487, 583, 608
Crane, Sandhill, 415
Crax, 93, 103
Creeper, Brown, 485
Crocethia alba, 158
Crossbill, Red, 488
Crow, Common, 484
 Hooded, 62
Cuckoo, Black-billed, 318
 Yellow-billed, 584
Curlew, Bristle-thighed, 202, 209
Cyanocitta cristata, 516
 stelleri, 483
Cyanocorax caeruleus, 516
 cyanomelas, 516, 520
 heilprini, 516, 520
 mystacalis, 516
 violaceus, 520
Cyanolyca cucullata, 516
 nana, 519
 pulchra, 513
 viridicyana merida, 513–521
Cyclorrhynchus psittacula, 417
Cygnus buccinator, 24
Cyrtonyx montezumae, 540, 545
- D**
- Danielsen, Thomas L., bald eagle swimming in the ocean with prey, 313
DeBenedictis, Paul, and McCaskie, R. Guy,
 Cassin's kingbird and plumbeous solitary
 vireo in the White Mountains of California, 424
DeBenedictis, Paul R., McCaskie, Guy, and
 Stallcup, Richard, the occurrence of certain
 flycatchers in California, 85; the
 status of certain fringillids in California,
 426; the distribution of certain Mimidae
 in California, 310
DeGroot, Edward B. III, a record of nest para-
 sitism of the Oregon junco by the brown-
 headed cowbird in southern California,
 609
Demigretta sacra, 201
Dendragapus gilli, 25
 obscurus, 25
 lucasi, 26
Dendrocolaptes certhia, 524
Dendrocopos lignarius, 400–404
 pubescens, 483
 scalaris, 483
 villosum, 482, 524
- Dendrocygna autumnalis*, 133
 bicolor helva, 318
Dendroica auduboni, 195, 486
 coronata, 186
 discolor discolor, 189
 fusca, 582
 graciae, 486
 magnolia, 581
 nigrescens, 486, 581
 occidentalis, 422
 palmarum, 582
 palmarum palmarum, 319
 pensylvanica, 186, 582
 petechia, 196, 581
 pinus, 11
 striata, 582
 townsendi, 581
 virens, 582
DeWolfe, Barbara Blanchard, biology of white-
 crowned sparrows in late summer at
 College, Alaska, 110
Dickcissel, 428
Dickerman, Robert W., and Phillips, Allan R.,
 Botteri's sparrows of Atlantic coastal low-
 lands of México, 596
Diomedea immutabilis, 586–595
Dole, Mike, and Grosz, Terry, a record of the
 cattle egret in Humboldt County, Cali-
 fornia, 608
Dolichonyx oryzivorus, 295, 583
Dolnik, Victor R., and Blyumental, Tatyana I.,
 autumnal premigratory and migratory
 periods in the chaffinch (*Fringilla coelebs*
coelebs) and some other temperate-zone
 passerine birds, 435
Dove, Mourning, 481, 584
 Rock, 584
Dryocopus pileatus, 524
Duck, Black-bellied Tree, 133
 Black-headed, 133–145
 Fulvous Tree, 318
 Harlequin, 415
 Wood, 531
Dumetella carolinensis, 310
Dunlin, 158, 210, 416
- E**
- Eagle, Bald, 313, 432
 Crested Serpent, 377
 Golden, 432, 481
Easterla, David A., the Baird's sparrow and
 burrowing owl in Missouri, 88
Eddinger, C. Robert, feeding helpers among
 immature white-eyes, 530
Edwards, Ernest P., nests of the common bush-
 tanager and the scaled antpitta, 605
Egret, Cattle, 432, 608
Eider, Common, 415
 King, 415

- Emberiza citrinella, 444, 451
 Emlen, Stephen T., orientation of Zugunruhe in the rose-breasted grosbeak, *Pheucticus ludovicianus*, 203
Empidonax difficilis, 483, 580
 hammondii, 189, 483
 traillii, 580
 wrightii, 580
 English, William, and Browning, M. Ralph,
 Anna's hummingbird in southwestern Oregon, 89; possible yellow-shafted flicker in southwestern Oregon, 210
Eremophila alpestris, 483
Ereunetes mauri, 416, 421
 pusillus, 421
Eriothacus rubecula, 449
Erolia acuminata, 157, 202
 alpina, 158, 210, 416
 bairdii, 421
 melanotos, 27, 318
 minutilla, 421
 montana, 421
Euphagus carolinus, 315
- F**
- Falco biarmicus*, 340
 sparverius, 88, 426, 481, 579
 Feduccia, J. Alan, a new swallow from the Fox Canyon local fauna (Upper Pliocene) of Kansas, 526
Finch, House, 251, 487, 584
 Mangrove, 311
 Small Ground, 311
 Fisher, Harvey I. and Hamlet, Murray P., air sacs of respiratory origin in some procellariiform birds, 586
Flicker, Red-shafted, 482
 Yellow-shafted, 210
Flycatcher, Ash-throated, 432, 483, 580
 Coues', 430
 Gray, 580
 Hammond, 189, 483
 Olive-sided, 483, 580
 Scissor-tailed, 86
 Traill's, 580
 Vermilion, 601-605
 Western, 483, 580
 Yucatán, 78
 Foster, Mercedes S., pterylography and age determination in the orange-crowned warbler, 1; molt cycles of the orange-crowned warbler, 169
Fowl, Ceylon Jungle, 377-382
 Grey Jungle, 377-382
 Green Jungle, 378
 Guinea, 206
 Jungle, 206, 360-386
 Jungle, hybrid, 206
 Red Jungle, 360-386
- Francis, William J., prediction of California quail populations from weather data, 405; confused behavior of gulls in relation to weather conditions, 609
Francolinus francolinus, 376
 Franks, Edwin C., the responses of incubating ringed turtle doves (*Streptopelia risoria*) to manipulated egg temperatures, 269
Fratercula corniculata, 417
Fregata minor, 201, 207
 Fretwell, Stephen D., Helms, Carl W., Aussiker, William H., and Bower, Edward B., a biometric study of major body components of the slate-colored junco, *Junco hyemalis*, 560
Frigatebird, Great, 201, 207
Fringilla coelebs coelebs, 435-468
 montifringilla, 453, 455
Fulica americana shufeldti, 26
- G**
- Gallinula chloropus*, 319, 420
Gallinule, Common, 319, 420
Gallus gallus, 206, 360-386
 lafayetii, 377-382
 sonneratii, 377-382
 varius, 378
Garrulax leucolophus, 377
Gavia adamsii, 413
 arctica, 413, 527
 immer, 527
 stellata, 413
Geococcyx californianus, 432, 482
Geospiza fuliginosa, 311
Geothlypis trichas, 582
 trichas brachidactylus, 6, 12
Glaucidium brasiliense, 35
 gnoma, 482
Gnatcatcher, Blue-gray, 486
Godwit, Bar-tailed, 202
Goldfinch, American, 584
 Lesser, 487
Goose, Canada, 319
 Emperor, 414
Goshawk, 209, 481
 Gould, Patrick J., nocturnal feeding of *Sterna fuscata* and *Puffinus pacificus*, 529
Grallaria guatimalensis, 605
Grebe, Eared, 469
 Great, 469
 Great-crested, 469
 Pied-billed, 471
 Western, 209, 469
Grosbeak, Black-headed, 422, 487, 583
 Blue, 427, 487, 583
 Rose-breasted, 203, 422, 426, 583
 Grosz, Terry, and Dole, Mike, a record of the cattle egret in Humboldt County, California, 608

Grouse, Sharp-tailed, 532
Grus canadensis, 415
 Guan, Horned, 93-109
 Guillemot, Pigeon, 417
Guiraca caerulea, 427, 487, 583
 Gull, Band-tailed, 42
 Belcher's, 42
 Brown-hooded, 42
 Franklin's, 45
 Glaucous, 416
 Herring, 45, 274, 311, 416
 Ivory, 417
 Japanese Black-tailed, 46
 Kelp, 42
 Laughing, 45, 432
 Simeón, 42
 Slaty-backed, 417
Gygis alba, 203, 208
Gymnothorus cyanocephalus, 484

H

Hailman, Jack P., and Hatch, Jeremy J., golden plovers in the Galápagos, 320
 Hainsworth, F. Reed, and Ricklefs, Robert E., the temporary establishment of dominance between two hand-raised juvenile cactus wrens (*Campylorhynchus brunneicapillus*), 528
Haliaeetus leucocephalus, 313, 432
 Hamlet, Murray P., and Fisher, Harvey I., air sacs of respiratory origin in some procellariiform birds, 586
 Hardy, John William, the puzzling vocal repertoire of the South American collared jay, *Cyanolyca viridicyana merida*, 513; *Rhynchositta terrisi* is probably a valid species: a reassessment, 527
 Harris, Stanley W., and Sanford, Richard C., feeding behavior and food-consumption rates of a captive California murre, 298
 Harris, Stanley W., and Yocom, Charles F., a record of the cattle egret in Humboldt County, California, 608
 Hatch, Jeremy J., and Hailman, Jack P., golden plovers in the Galápagos, 320
 Hawk, Black, 420
 Cooper, 481
 Red-tailed, 432, 481
 Rough-legged, 314
 Sharp-shinned, 314, 481
 Sparrow, 88, 426, 481, 579

Heckenlively, Donald B., role of song in territoriality of black-throated sparrows, 429
Helmintheros vermivorus, 581
 Helms, Carl W., Aussiker, William H., Bower, Edward B., and Fretwell, Stephen D., a biometric study of major body components of the slate-colored junco, *Junco hyemalis*, 560

Heron, Great Blue, 312
 Reef, 201
Heteronetta atricapilla, 133-145
Heteroscelus, 416
 incanum, 157, 202, 208
 Hicks, David L., first record of the white-eyed vireo in Panamá, 90; adipose tissue composition and cell size in fall migratory thrushes (Turdidae), 387
 Hicks, David L., Mendez, Eustorgio, and Loftin, Horace, additions to the avifauna of Panamá: the palm warbler and the Connecticut warbler, 319
Hippolais icterina, 451
Hirundo aprica, 526
 rustica, 580
Histrionicus histrionicus, 412, 415
 Hummingbird, Allen, 579
 Anna, 89
 Black-chinned, 482
 Broad-tailed, 482
 Rufous, 89
Hylocichla fuscescens, 387-399
 guttata, 485
 mustelina, 387-399
 ustulata, 387-399, 581

I

Icterus bullockii, 583
 galbula, 583
 parisorum, 487, 490
 virens, 193, 487
 Irving, Laurence, West, George C., and Peyton, Leonard J., winter feeding program of Alaska willow ptarmigan shown by crop contents, 68
Ixoreus naevius, 314

J

Jaeger, Long-tailed, 416
 Jay, Azure-hooded, 516
 Blue, 516
 Brown, 516
 Collared, 513-521
 Dwarf, 519
 Magpie, 517
 Pinyon, 484
 Scrub, 483, 515
 Steller, 179, 483
 Jehl, Joseph R., Jr., Pleistocene birds from Fossil Lake, Oregon, 24
 Johnson, R. Roy, an unusual nesting of a goshawk in southern New Mexico, 209
 Johnston, David W., and McFarlane, Robert W., migration and bioenergetics of flight in the Pacific golden plover, 156

- Johnston, Richard F., and Selander, Robert K., evolution in the house sparrow. I. intra-population variation in North America, 217
- Junco caniceps, 488
hyemalis, 315, 398
hyemalis hyemalis, 317, 560-578
oreganus, 584, 608
oreganus oreganus, 317
- Junco, Gray-headed, 488
 Oregon, 317, 584, 608
 Slate-colored, 315, 317, 398, 560-578
- K**
- Kessel, Brina, late-autumn and winter bird records from interior Alaska, 313
- Kingbird, Cassin, 425, 483
 Eastern, 85
 Thick-billed, 85
 Tropical, 85
 Western, 425, 579
- Kingfisher, Belted, 584
- Kinglet, Ruby-crowned, 486
- Kittiwake, Black-legged, 417, 585
- Knot, 421
- Knudsen, Jens W., and Pearson, David L., avifaunal records from Eniwetok Atoll, Marshall Islands, 201
- Kokikokiko, 208
- L**
- Lagopus lagopus, 68, 307
leucurus, 303-309
mutus, 184, 307
- Lalage sueurii, 185
- Lanius ludovicianus, 486
- Lanner, 340
- Lark, Horned, 483
- Larus argentatus, 45, 274, 311, 413, 416
argentatus vegae, 416
atricilla, 45, 432
belcheri, 42
belcheri atlanticus, 42
crassirostris, 46
dominicanus, 42
hyperboreus, 416
maculipennis, 42
pipixcan, 45
schistisagus, 417
- Lasiewski, Robert C., and Dawson, William R., a re-examination of the relation between standard metabolic rate and body weight in birds, 13
- Lazell, James D., Jr., the ternery on Aves Island in March, 87
- Lee, Darrell T., winter breeding of the western grebe, 209
- Lepidocolaptes affinis, 524
- Limosa lapponica, 202
- Lobipes lobatus, 412, 416
- Loftin, Horace, Mendez, Eustorgio, and Hicks, David L., additions to the avifauna of Panamá: the palm warbler and the Connecticut warbler, 319
- Longspur, Lapland, 417
- Loon, Arctic, 413, 527
 Common, 527
 Red-throated, 413
 Yellow-billed, 413
- Lophortyx californicus, 405-410, 535-547
douglasii, 535-547
gambelii, 535-547
- Lophur leucomelana, 376
- Lorakeet, 208
- Loxia curvirostra, 488
- Lullula arborea, 444, 451
- Lunda cirrhata, 413, 417
- M**
- Maclean, Gordon L., and Cade, Tom J., transport of water by adult sandgrouse to their young, 323
- Magpie, 10
- Marcellini, Dale J., Bussjaeger, Louis J., Carpenter, Charles C., and Cleveland, Harold L., turkey vulture migration in Veracruz, México, 425
- McCaskie, R. Guy, and DeBenedictis, Paul, Cassin's kingbird and plumbeous solitary vireo in the White Mountains of California, 424
- McCaskie, R. Guy, Stallcup, Richard, and DeBenedictis, Paul, the occurrence of certain flycatchers in California, 85; the distribution of certain Mimidae in California, 310; the status of certain fringillids in California, 426
- McFarlane, Robert W., and Johnston, David W., migration and bioenergetics of flight in the Pacific golden plover, 156
- Meadowlark, Eastern, 599
 Western, 487
- Megacyrle alcyon, 584
- Melanitta deglandi, 25
- Meleagris gallopavo, 431
- Melospiza georgiana, 423, 429
georgiana ericrypta, 429
melodia, 266, 290
- Mendez, Eustorgio, Hicks, David L., and Loftin, Horace, additions to the avifauna of Panamá: the palm warbler and the Connecticut warbler, 319
- Merganser, American, 300
- Mergus merganser americanus, 300

- Messinger, Norman G., two June records of the Canada goose in Grand Canyon, Arizona, 319
- Metopiana peposaca, 143
- Michael, Edwin D., behavioral interactions of birds and white-tailed deer, 431
- Micrathene whitneyi sanfordi, 318
- Mimus polyglottos, 485, 490, 581
- Mniotilla varia, 584
- Mockingbird, 485, 581
- Molothrus ater, 289–297, 487, 608
 ater artemisiae, 89, 583
 ater obscurus, 289–297, 583, 608
- Morton, Martin L., diurnal feeding patterns in white-crowned sparrows, *Zonotrichia leucophrys gambelii*, 491
- Motacilla alba, 413, 417
 alba lugens, 397
 flava, 413, 417
- Murray, Bertram G., Jr., grebes from the Late Pliocene of North America, 277
- Murre, Common, 298–302
- Muscicapa striata, 444, 451
- Muscivora forficata, 86
- Myadestes townsendi, 485
- Myiarchus cinerascens, 432, 483, 580
 tuberculifer platyrhynchus, 79
 yucatanensis, 78
 yucatanensis *lanyoni*, 80
- N**
- Neochloe brevipennis, 82
 brevipennis brevipennis, 82
 brevipennis browni, 82
- Nichols, Walter F., cattle egrets in Ventura County, California, 608
- Nighthawk, Common, 482
 Lesser, 579
- Noddy, Black, 172
 Blue-gray, 208
 White-capped, 203, 208
- Nucifraga columbiana, 193, 484
- Numenius phaeopus, 202
 tahitiensis, 202
- Numida numida, 206
- Nutcracker, Clark, 193, 484
- Nuthatch, Pygmy, 484
 Red-breasted, 484, 580
 White-breasted, 484
- Nuttallornis borealis, 483, 580
- Nyctea scandiaca, 417
- O**
- Ohmart, Robert D., comparative molt and pterylography of the quail genera *Callipepla* and *Lophortyx*, 535
- Oldsquaw, 415
- Olor, 414
- Olrog, C. C., breeding of the band-tailed gull (*Larus belcheri*) on the Atlantic coast of Argentina, 42
- Oporornis agilis, 319, 582
 philadelphicus, 320
 tolmiei, 320, 486, 490, 582
- Oreophasis derbianus, 93–109
- Oreoscoptes montanus, 310
- Oriole, Baltimore, 583
 Bullock, 583
 Scott, 487
- Ornithodoros, 93
- Otus flammeolus, 490
- Otvos, Imre S., observations on the feeding habits of some woodpeckers and woodcreepers in Costa Rica, 522
- Ovenbird, 186, 582
- Owl, Burrowing, 89, 579
 Elf, 318
 Ferruginous Pygmy, 35
 Great Horned, 482
 Pygmy, 482
 Snowy, 417
- Oxyura, 137
 jamaicensis, 25
- P**
- Pagophila eburnea, 412, 417
- Palaeotetrix, 25
- Parakeet, Green, 35
 Orange-chinned, 28–41
 Orange-fronted, 30
 Yellow-winged, 32
- Parkes, Kenneth C., and Phillips, Alan R., a new subspecies of the Yucatán flycatcher, *Myiarchus yucatanensis*, 78
- Parmalee, Barbara G., and Parmalee, Paul W., results of banding studies of the black vulture in eastern North America, 146
- Parrot, Thick-billed, 527
- Partridge, Black, 376
- Parus ater, 355, 453, 454, 455
 atricapillus, 259–267, 344–359
 caeruleus, 355, 444, 451, 455
 carolinensis, 355
 gambeli, 484
 inornatus, 484
 major, 265, 355, 438–468
 rufescens, 355
- Passerculus sandwichensis, 584
 sandwichensis savana, 9
- Passer domesticus, 10, 217–258, 486, 584
 domesticus bactrianus, 449
 domesticus domesticus, 449
 hispaniolensis, 246
 melanurus, 329
 montanus montanus, 449

- Passerella iliaca*, 584
Passerina amoena, 487, 584
 ciris, 428
 cyanea, 427, 487
Payne, Robert B., gonadal responses of brown-headed cowbirds to long daylength, 288
Pearson, David L., and **Knudsen**, Jens W., avifaunal records from Eniwetok Atoll, Marshall Islands, 201
Pedioecetes phasianellus, 26, 532
Pelecanus erythrorhynchos, 311
Pelican, White, 311
Penelope, 93, 103
Penelopina, 93, 103
Petrochelidon pyrrhonota, 580
Pewee, Western Wood, 483, 580
Peyton, Leonard J., Irving, Laurence, and West, George C., winter feeding program of Alaska willow ptarmigan shown by crop contents, 68
Phaethon lepturus, 201, 207
 rubricauda, 201, 207
Phalacrocorax auritus, 311
 bougainvillii, 43
 macropus, 24
 pelagicus, 412, 413
Phalaenoptilus nuttallii, 482
Phalarope, Northern, 416
 Red, 416
Phalaropus fulicarius, 412, 416
Pharomacrus mocino, 106
Phasianus colchicus, 206
Pheasant, Ring-necked, 206
 White-crested Kaleege, 376
Pheucticus ludovicianus, 203, 422, 426, 583
 melanocephalus, 422, 487, 583
Philacte canagica, 414
Phillips, Allan R., and **Dickerman**, Robert W., Botteri's sparrows of the Atlantic coastal lowlands of México, 596
Phillips, Allan R., and **Parkes**, Kenneth C., a new subspecies of the Yucatán flycatcher, *Myiarchus yucatanensis*, 78
Philortyx fasciatus, 540
Phloeoceastes guatemalensis, 524
Phoebe, Black, 584
 Eastern, 86
 Say's, 483, 580
Phylloscopus trochilus, 435–468
Pica pica, 10
Picoides tridactylus, 483
Picumnus olivaceus, 523
Pigeon, Band-tailed, 481
Pintail, 158, 205, 414
Pipilo erythrorththalmus, 488, 490
Piranga flava, 557
 ludoviciana, 487, 490, 555, 583
 olivacea, 549–559
 rubra, 422, 555
 rubra cooperi, 422
 rubra rubra, 317
Plectrophenax hyperboreus, 531
 nivalis, 412, 418
Pliodites lanquisti, 277
Pliolymbus baryosteus, 279
Plover, American Golden, 164, 207
 European Golden, 164
 Golden, 156–168, 202, 320, 415
 Mountain, 421
 Semipalmated, 585
Pluvialis apricaria, 164
 dominica, 202, 320, 415
 dominica dominica, 164, 207
 dominica fulva, 156–168
Podiceps auritus, 281, 469, 474
 caspicus, 277
 cristatus, 278, 469, 474
discors, 279
 dominicus, 473
 grisegena, 474
 major, 469, 476
 nigricollis, 469, 474
 occipitalis, 474
 parvus, 24, 282
 poliocephalus, 473
 rufopectus, 473
 subparvus, 277
 taczanowskii, 474
Podilymbus gigas, 283
majusculus, 283
 podiceps, 24, 471
Polioptila caerulea, 486
Poor-will, 482
Power, Dennis M., epigamic and reproductive behavior of orange-chinned parakeets in captivity, 28
Prinia subflava, 185
Procelsterna cerulea, 208
Psalttriparus minimus, 484
Psilorhinus morio, 516
Ptarmigan, Rock, 184, 307
 White-tailed, 303–309
 Willow, 68, 307
Pterocles alchata, 324
 bicinctus, 329
 burchelli, 324
 exustus, 323
 gutturalis, 329
 namaqua, 324
 orientalis, 338
 senegallus, 324
Puffin, Horned, 417
 Tufted, 417
Puffinus pacificus, 201, 529, 586–595
 nativitatis, 586–595
 tenuirostris, 201
Pygarrhichas albogularis, 400–404

Pyrocephalus rubinus, 601–605
Pyrrhula pyrrhula, 251, 451

Q

Quail, Barred, 540
 California, 405–410, 535–547
Douglas, 535–547
Gambel, 535–547
Japanese, 206
Montezuma, 540, 545
Scaled, 481, 535–547
Quetzal, 106

R

Raven, Common, 417, 484
Rea, Amadeo M., some bird records from San Diego County, California, 316
Redstart, American, 186, 583
Reedwarbler, Eastern Great, 398
Regulus calendula, 486
 satrapa, 490
Rhynchositta terrisi, 527
Richards, Gerald L., nest-robbing behavior of the sparrow hawk, 88
Richmondena cardinalis cardinalis, 172
Ricklefs, Robert E., a case of classical conditioning in nestling cactus wrens, 528
Ricklefs, Robert E., and *Hainsworth, F. Reed*, the temporary establishment of dominance between two hand-raised juvenile cactus wrens (*Campylorhynchus brunneicapillus*), 528
Rissa tridactyla, 417, 585
Roadrunner, 432, 482
Robin, 314, 485
Rollandia micropterus, 278
 rolland chilensis, 470
Rook, 10
Rosybill, 143
Russell, Richard C., and *Wauer, Roland H.*, new and additional records of birds in the Virgin River Valley, 420

S

Salpinctes obsoletus, 485, 584
Sanderling, 158
Sandgrouse, 323–342
Sandpiper, Baird, 421
 Buff-breasted, 202
 Pectoral, 318
 Semipalmated, 421
 Sharp-tailed, 157, 202
 Western, 416
Sanford, Richard C., and *Harris, Stanley W.*, feeding behavior and food-consumption rates of a captive California murre, 298
Sanger, Gerald A., brown-headed cowbird collected far at sea, 89
Sapsucker, Williamson, 482
 Yellow-bellied, 482
Sayornis nigricans, 584
 phoebe, 86
 saya, 483, 580
Scaup, Lesser, 531
Sealy, Spencer G., the occurrence and possible breeding of McKay's bunting on St. Lawrence Island, Alaska, 531
Seedsnipe, 341
Seiurus aurocapillus, 186, 582
 motacilla, 196
 noveboracensis, 171, 196, 422
Selander, Robert K., and *Johnston, Richard F.*, evolution in the house sparrow. I. intrapopulation variation in North America, 217
Selasphorus platycerus, 482
 rufus, 89
 sasin, 579
Serinus canarius, 293
Setophaga ruticilla, 186, 583
Shearwater, Christmas Island, 586–595
 Slender-billed, 201
 Wedge-tailed, 201, 529, 586–595
Shoveler, 158
Shrike, Loggerhead, 486
Sialia currucoides, 485
 mexicanus, 485
Siskin, Pine, 487, 584
Sitta canadensis, 484, 580
 carolinensis, 484
 pygmaea, 484
Smith, Susan M., seasonal changes in the survival of the black-capped chickadee, 344
Smith, W. John, displays of the vermillion flycatcher, *Pyrocephalus rubinus*, 601
Snipe, 158
Solitaire, Townsend, 485
Somateria mollissima, 413, 415
 spectabilis, 415
Sparrow, Andean, 172
 Baird, 88
 Black-chinned, 488
 Black-throated, 429, 488
Botteri, 596–600
Brewer, 317, 584
Cape, 329
Chipping, 488, 584
Clay-colored, 429, 584
Eastern Savannah, 9
Fox, 584
Golden-crowned, 423
Grasshopper, 428
Harris, 184
House, 10, 88, 217–258, 487
Lark, 584

- Rufous-crowned, 488
 Savannah, 584
 Sharp-tailed, 428
 Song, 266, 290
 Swamp, 423, 429
 Tree, 266, 315, 431, 569
 White-crowned, 110-132, 316, 317, 397, 491-512
 White-throated, 49-68, 423, 584
Spatula clypeata, 158
Speotyto cunicularia, 89, 579
Sphyrapicus thyroideus, 482
 varius, 482
Spilornis cheela, 377
Spinus pinus, 487, 584
 psaltria, 487
 spinus, 449, 453
 tristis, 584
Spiza americana, 428
Spizella arborea, 266, 315, 431, 569
 atricollis, 488
 breweri, 584
 breweri taverneri, 317
 pallida, 429, 584
 passerina, 488, 584
 Stallcup, Richard R., McCaskie, Guy, and De-Benedictis, Paul, the occurrence of certain flycatchers in California, 85; the distribution of certain Mimidae in California, 310; the status of certain fringillids in California, 426
 Starling, 10, 486
 Red-cheeked, 397
 Stefanski, Raymond A., utilization of the breeding territory in the black-capped chickadee, 259
Stelgidopteryx ruficollis, 580
Stercorarius longicaudus, 413, 416
Sterna anaethetus, 87
 fuscata, 87, 172, 203, 529
 paradisaea, 412, 417
 sumatrana, 203, 208
 Stewart, Paul A., diving wood duck ducklings entangled in filamentous algae, 531
 Storer, Robert W., the patterns of downy grebes, 469
 Strauch, Joseph G., Jr., spring migration of dunlin in interior western Oregon, 210
Streptopelia risoria, 269-276
Sturnella magna, 599
 neglecta, 487
Sturnia violacea, 397
Sturnus vulgaris, 10, 449, 486
 Suffel, G. Shumway, an additional specimen of Coues' flycatcher in California, 430
Sula dactylatra, 207
 leucogaster, 201, 207
 sula, 207
 Swallow, Barn, 580
 Cliff, 88, 580
 Rough-winged, 580
 Violet-green, 88, 483
Swift, Vaux, 421
 White-throated, 482
Sylvia borin, 444, 451
Synthliboramphus antiquum, 412
Syrphantes paradoxus, 335
 tibetanus, 335
- T**
- Tachybaptus*, 278
 novae-hollandiae, 469
pelzelni, 473
ruficollis, 469
rufolavatus, 473
Tachycineta speleodytes, 527
 thalassina, 483, 490
Tanager, Hepatic, 557
 Scarlet, 549-559
 Summer, 317, 422, 555
 Western, 487, 555, 583
 Tatschl, John L., breeding birds of the Sandia Mountains and their ecological distributions, 479
 Tattler, Wandering, 157, 202, 208
Teal, Garganey, 158
 Green-winged, 415
 Tenaza, Richard R., recent records of land birds from South Farallon Island, California, 579
Tern, Arctic, 417
 Black-capped, 203, 208
 Bridled, 87
 Crested, 203
 Fairy, 203, 208
 Noddy, 87, 208
 Sooty, 87, 172, 203, 529
Thalasseus bergii, 203
 Thompson, Charles F., notes on the birds of the northeast cape of St. Lawrence Island and of the Punuk Islands, Alaska, 411
Thrasher, Bendire, 310
 Brown, 310
 Crissal, 485
 Curve-billed, 310
 Sage, 310
Thrush, Hermit, 485
 Swainson, 387-399, 581
 Varied, 314
 White-crested Laughing, 377
 Wood, 387-399
Tit, Coal, 356
 Great, 265, 438-468
Titmouse, Plain, 484
Totanus flavipes, 416, 421
 melanoleucus, 27, 158

- Towhee, Brown, 488
 Green-tailed, 488
- Toxostoma bendirei, 310
 curvirostre, 310
 dorsale, 485
 rufum, 310
- Troglodytes aedon, 485, 490, 581
 troglodytes, 581
- Tropicbird, Red-tailed, 201, 207
 White-tailed, 201, 207
- Tryngites subruficollis, 202
- Turdoides striatus, 377
- Turdus migratorius, 314, 485
- Turkey, Wild, 431
- Turnstone, Ruddy, 157, 202, 208, 415
- Turtle Dove, Ringed, 269–276
- Tympانuchus cupido, 26
- Tyrannus crassirostris, 85
 melancholicus, 85
 tyrannus, 85
 verticalis, 425, 579
 vociferans, 425, 483
- U**
- Uria, 417
 alge californica, 298–302
- V**
- Van Velzen, Willet T., black-billed cuckoo records in California, 318; coastal California record of a tree sparrow, 431
- Veery, 387–399
- Vermivora celata, 1–12, 169–200, 486, 581
 celata celata, 169–200
 celata lutescens, 3, 9, 10, 169–200
 celata orestera, 3, 9, 169–200
 celata sordida, 9, 10, 11, 169–200
 chrysotera, 177
 luciae, 186
 peregrina, 316, 581
 pinus, 1, 177
 ruficapilla, 581
 ruficapilla ruficapilla, 177
 virginiae, 486, 490
- Vini kuhlii, 208
- Vireo atricapilla, 605–608
 bellii, 607
 brevipennis, 82
 gilvus, 486, 581
 griseus, 607
 griseus noveboracensis, 90
 solitarius, 486
 solitarius plumbeus, 425
 vicinior, 605
- Vireo, Bell, 607
 Black-capped, 605–608
 Gray, 605
 Slaty, 83
- Solitary, 425, 486
- Warbling, 486, 581
- White-eyed, 90, 607
- Virginiae crissalis, 196
 virginiae, 196
- Von Haartman, Lars (Review of) Handbuch der Vögel Mitteleuropas. I. Gaviiformes —Phoenicopteriformes, 213
- Vuilleumier, François, mixed species flocks in Patagonian forests, with remarks on inter-species flock formation, 400
- Vulture, Black, 146–155, 431
 Turkey, 425, 431, 481
- W**
- Wagtail, Kamtschatken, 397
 White, 417
 Yellow, 417
- Warbler, Audubon, 195, 486
 Black-and-white, 584
 Blackburnian, 582
 Blackpoll, 582
 Black-throated Gray, 486, 581
 Black-throated Green, 582
 Blue-winged, 177
 Canada, 196
 Chestnut-sided, 186, 582
 Colima, 196
 Connecticut, 319, 582
 Golden-winged, 177
 Grace, 486
 Hermit, 422
 Hooded, 196
 Lucy, 186
 MacGillivray, 320, 486, 582
 Magnolia, 581
 Mourning, 320
 Myrtle, 186
 Nashville, 581
 Orange-crowned, 1–12, 169–200, 486, 581
 Palm, 319, 582
 Pine, 11, 171
 Prairie, 189
 Tennessee, 316, 581
 Townsend, 581
 Virginia, 196, 486
 Wilson, 582
 Worm-eating, 581
 Yellow, 196, 435–468, 581
- Waterthrush, Louisiana, 196
 Northern, 171, 196, 422
- Wauer, Roland H., and Russell, Richard C., new and additional records of birds in the Virgin River Valley, 420
- Waxwing, Bohemian, 315
 Cedar, 581
- Weeden, Robert B., seasonal and geographic variation in the foods of adult white-tailed ptarmigan, 303

- Weise, Charles M., castration and spring migration in the white-throated sparrow, 49
- Weller, Milton W., notes on plumages and weights of the black-headed duck, *Heteronetta articapilla*, 133
- West, George C., Irving, Laurence, and Peyton, Leonard J., winter feeding program of Alaska willow ptarmigan shown by crop contents, 68
- Wheeler, Richard J., common gallinule in Humboldt County, California, 319
- Whimbrel, 202
- White-eye, 530
- Wilsonia canadensis*, 196
 citrina, 196
 pusilla, 582
- Wolf, Larry L., notes on the taxonomy and plumages of the slaty vireo, 82
- Woodpecker, Downy, 483
 Hairy, 482
 Ladder-backed, 483
 Northern Three-toed, 483
- Wren, Cactus, 528
 Canyon, 485
 House, 485, 581
 Rock, 485, 584
 Short-billed Marsh, 599
- Winter, 581

X

Xolmis pyrope, 400-404

Y

Yellowlegs, Greater, 158

 Lesser, 416, 421

Yellowthroat, 6, 582

Yocom, Charles F., pintail banded in northwestern California taken at Baykal Lake, Russia, 205

Yocom, Charles F., and Harris, Stanley W., a record of the cattle egret in Humboldt County, California, 608

Z

Zenaidura macroura, 481, 584

Zimmerman, Dale A., and Boettcher, John W., the common loon in Sonora, México, 527

Zonotrichia albicollis, 49-68, 423, 584

atricapilla, 423

capensis, 172

leucophrys, 316, 423

leucophrys gambelii, 110-132, 397, 491-512

leucophrys oriantha, 317

leucophrys pugetensis, 317

querula, 184

Zosterops palpebrosa japonica, 530