

INDEX TO VOLUME XXXVI

A

- Abbott, Clinton G., Louisiana herons at San Diego, 117; portrait of, 181
- Accipiter cooperii, 83
cooperii mexicanus, 82
velox, 170
- Actitis macularia, 8, 173
- Aechmophorus occidentalis, 167, 168
- Agelaius phoeniceus fortis, 70
phoeniceus neutralis, 40
phoeniceus nevadensis, 71
tricolor, 42
- Albatross, 46, 127, 190
Black-footed, 47, 242
Wandering, 190
- Anderson, Anders H., the Arizona state list since 1914, 78; coots breeding in the Tucson region, Arizona, 84; group vernacular names, 245
- Anser, 179
albifrons gambeli, 179
- Anthus spraguei, 80
- Antrostomus vociferus arizonae, 201, 203
- Aphelocoma californica, 112
woodhouseii, 68
- Aphriza virgata, 89
- Aquila chrysaetos canadensis, 8
- Archilochus alexandri, 252
- Ardea herodias, 215
herodias hyperonca, 59
- Arizona state list since 1914, 78
- Ashley, James F., and Alden H. Miller, goose footprints on a Pliocene mud-flat, 178
- Asio, 208, 212
brachyotus, 205
flammeus, 205, 207
flammeus flammeus, 36
leucotis, 205
otus, 205
otus wilsonianus, 205
wilsonianus, 205-207, 210, 211
- Asthenes flammulata flammulata, 102
- Astur atricapillus, 8, 221
atricapillus striatulus, 35, 79, 173
- Asturina plagiata maxima, 82
- Asyndesmus lewis, 161
- Atthis morcomi, 20
- Auk, Razor-billed, 223
- Auklet, 171, 172, 186
Cassin, 171
Rhinoceros, 172
- Auriparus flaviceps acaciaram, 68, 81
flaviceps flaviceps, 81
flaviceps lamprocephalus, 83
flaviceps ornatus, 81
- Avocet, 47, 147, 226

B

- Babbler, Assam Red-headed, 166
Burmese Red-fronted, 166
Ceylon Yellow-eyed, 166
Harrington's, 166
Red-fronted, 166
Red-headed, 166
- Baeolophus bicolor, 50
inornatus griseus, 251
inornatus inornatus, 86
inornatus plumbescens, 251
inornatus transpositus, 86
- Bailey, Alfred M., ring-billed gull from Barrow, Alaska—a correction, 248
- Bailey, A. M., and L. B. Bishop, additional records for the Barrow region, arctic Alaska, 169
- Baldpate, 106, 170
- Basilinna leucotis, 203
- Beck, R. H., another emperor goose in California, 114
- Bennett, Walter W., an abnormal little flycatcher, 24
- Benson, Seth B., the black-throated green warbler in Arizona, 42
- Benson, Seth B., and Ward C. Russell, the cowbird breeds in Berkeley, 219
- Bent, A. C., portrait of, 44
- Bishop, L. B., and A. M. Bailey, additional records for the Barrow region, arctic Alaska, 169
- Bittern, American, 36
- Blackbird, 251
Brewer, 224, 251
European, 238, 240
Red-winged, 71, 72, 122, 147, 156, 247
Thick-billed Red-winged, 70, 72
Yellow-headed, 147, 156
- Black-jack, 106
- Bluebird, Eastern, 250
Mountain, 8, 164, 165, 249, 250, 251
Western, 184, 224, 250, 251
Western Mexican, 69
- Bobolink, 123
- Bob-white, 120
- Bombycilla cedrorum, 117
- Booby, Blue-footed, 88
- Botaurus lentiginosus, 36
- Bowen, Lydia, some records from southern California, 116
- Bowles, John Hooper, sketch of life of, 91
- Brachyramphus brevirostris, 89
- Brant, 117
Black, 40, 117, 124
- Branta, 179
canadensis canadensis, 36
canadensis hutchinsi, 20
dickeyi, 64

- esmeralda, 179
 howardae, 179
 nigricans, 40
 Brooks, S. C., oceanic currents and the migration of pelagic birds, 185
 Bubo, 205, 207, 211, 212
 maculosus, 205
 virginianus, 205, 206, 210, 211
 virginianus lagophonus, 38, 39
 virginianus leucomelas, 38, 39
 virginianus occidentalis, 205
 virginianus pacificus, 79, 203, 205, 206
 virginianus pallescens, 67, 79, 203, 205
 virginianus saturatus, 39, 205
 virginianus subarcticus, 38, 39
 Buffle-head, 106, 147
 Bulbul, Bengal Red-whiskered, 166
 Malay Blue-bellied, 166
 Bunker, Charles Dean, portrait of, 222
 Bunting, Indigo, 80
 Lazuli, 236, 256
 Reed, 49
 Bush-tit, 87, 219, 225, 227
 Coast, 178, 226
 Buteo borealis, 221
 borealis harlani, 40
 borealis kriderii, 79
 lagopus pallidus, 246
 lagopus s.johannis, 169, 246
 regalis, 84, 114
 Buthraupis cucullata cucullata, 102
 eximia chloronota, 102
 Butorides virescens anthonyi, 67, 246
 Butterball, 106
- C
- Calidris canutus rufus, 168, 244
 Calypte anna, 31, 32
 costae, 31, 116, 169, 242
 helenae, 6, 104
 Campbell, Berry, bird notes from southern Arizona, 201
 Camptostoma imberbe imberbe, 82
 imberbe ridgwayi, 82
 Canvas-back, 106
 Cardinal, 227, 245
 Carpodacus cassinii, 7
 mexicanus, 112
 mexicanus frontalis, 81, 172
 mexicanus obscurus, 81
 mexicanus sayi, 81
 purpureus californicus, 40
 purpureus purpureus, 245
 Casmerodius alba, 40
 albus egretta, 57, 215, 247
 Catherpes mexicanus conspersus, 81
 mexicanus polioptilus, 81
 mexicanus punctulatus, 81
 Centurus carolinus, 79
 Cephus columba, 172
- Chaetocercus, 3-6
 astreans, 5
 berlepschi, 5
 bombus, 5
 burmeisteri, 5
 cleavesi, 2-6, 104
 heliodori, 3-6
 mulsanti, 5
 rosae, 5
 Chaffinch, 112, 240
 Chamaea fasciata fasciata, 170
 Chapman, Frank M., personal notice of, 45
 Charadrius hypomelanus, 29
 hypomelus, 27, 29
 mongolus mongolus, 89
 nivosus, 40
 pardela, 29
 Chat, 235-237
 Long-tailed, 237, 256
 Long-tailed Yellow-breasted, 235
 Chauleasmus streperus, 170
 Chen, 179
 caerulescens, 20
 hyperborea hyperborea, 115
 rossii, 79
 Chickadee, 164
 Bailey's, 166
 Barlow's, 166
 Black-capped, 166
 Brown-capped, 166
 Carolina, 50
 Chestnut-backed, 166
 Columbian, 166
 Columbian Brown-capped, 166
 Grinnell's, 166
 Idaho White-browed, 166
 Mountain, 8, 166
 Oregon, 166
 Oregon Black-capped, 166
 Rocky Mountain White-browed, 166
 Santa Cruz Chestnut-backed, 166
 Southern California White-browed, 166
 White-browed, 166
 Chlorostilbon melanorhynchus melanorhynchus, 98
 Chondestes grammacus strigatus, 249
 Chordeiles minor hesperis, 79
 Cinclus leuconotus, 102
 Circus hudsonius, 36, 170
 Coccyzus americanus occidentalis, 201
 Colaptes, 161
 auratus, 34
 cafer, 34
 cafer cafer, 35
 cafer collaris, 40
 Colibri iolata, 98
 Colinus, 30
 leucopogon dickeyi, 64
 ridgwayi, 21

- Columba fasciata*, 40, 42, 216
fasciata fasciata, 201
- Colymbus auritus*, 78
nigricollis, 83
- Compton, Lawrence V., fossil bird remains from the Pliocene and Pleistocene of Texas, 40; fossil bird remains from the Manix Lake deposits of California, 166; new bird records from the Pleistocene of Rancho La Brea, 221
- Condor, 48, 184, 199
 California, 20, 22, 48, 184, 255
 South American, 48
- Cooper Ornithological Club, membership directory, 129; regular meetings, minutes of, 45, 94, 121, 182, 224, 254; ninth annual meeting, 90, 119, 126; board of governors meeting, 43, 90, 128; prize program contest, 46, 182, 183, 224
- Coot, 41, 71, 147, 155
 American, 84
- Coragyps atratus atratus*, 79
- Cormorant, 186, 220
 Baird, 172
 Brandt, 172
 Double-crested, 147, 150, 183, 219
 Farallon, 150, 172
 Flightless, 48
- Corthylio calendula cineraceus*, 82
- Corvus brachyrhynchos hesperis*, 68, 114
corax clarionensis, 81
corax sinuatus, 10-15, 81
corone, 245
cryptoleucus, 118
- Cowbird, 118, 219
 Dwarf, 89, 218, 219, 249
 Nevada, 36
 Sagebrush, 218
- Crane, Sandhill, 18, 146-148, 153
- Creeper, Sierra, 8
- Crocethia alba*, 244
- Crossbill, 48, 117
 Bendire, 80
- Crow, 225, 255
 Carrion, 245
 Western American, 68
- Cryptoglaux acadica*, 205, 210
acadica acadica, 36, 206, 252
- Cuckoo, 123
- Curlew, 107, 227
 Bristle-thighed, 222
 Hudsonian, 221, 222, 248
 Long-billed, 168, 221
 Northern, 79
- Cyanocitta cristata cristata*, 245
stelleri, 72-78
stelleri annectens, 72-77
stelleri borealis, 73
stelleri carbonacea, 72-77
stelleri carlottae, 72-77
stelleri frontalis, 72-77
stelleri paralia, 72-77
stelleri stelleri, 72-77
stelleri syncolla, 75
- Cyanolesbia mocoa mocoa*, 104
- Cyclorhynchus psittacula*, 169
- Cygnus columbianus*, 115
- Cynanthus latirostris*, 201
- Cyrtonyx, 30
 cooki, 30
montezumae mearnsi, 30, 201, 202
- D
- Dafila acuta*, 170
- Davidson, M. E. McLellan, an occurrence of the northern black swift off the Guatemalan coast, 37
- Davis, John M., some shore-birds in the Humboldt Bay region of California, 168
- Davis, William B., and James Stevenson, the type localities of three birds collected by Lewis and Clark in 1806, 161; the American knot in the San Francisco bay region, 244
- DeGroot, Dudley S., field observations from Echo Lake, California, 6; townsend solitaire raises two broods, 249
- Dendragapus fuliginosus sierrae*, 6
- Dendrocygna bicolor helva*, 217
- Dendroica aestiva morcomi*, 19
auduboni, 9
coronata hooveri, 82
nigrescens, 69, 201
nigrescens halseii, 82
tigrina, 165
townsendi, 165
virens, 42
virens virens, 42
- DeVesey, John Xantus, photo of, 198
- Dichromanassa rufescens dickeyi*, 64
- Dickey, Donald Ryder, an appreciation of, 59-66; portrait of, 61, 63; bibliography of, 65
- Diomedea nigripes*, 242
- Dipper, 147, 152
- Dixon, James B., records of the nesting of certain birds in eastern California, 35; nesting of the Clark nutcracker in California, 229
- Dove, Mourning, 115
 White-winged, 214, 256
 Zenaida, 214, 215
- Dowitcher, Long-billed, 168
- Dryobates nuttallii*, 252
scalaris cactophilus, 201, 202
villosus icastus, 79
- Dubusia taeniata*, 102

- Duck, Blue-bill, 106
 Harlequin, 147, 149
 Ring-necked, 79, 106, 179
 Ruddy, 106, 147, 155
 Wood, 106
- E
- Eagle, Australian Wedge-tailed, 48
 Bald, 149, 152
 Golden, 8, 72, 114, 122, 184
- Edge, Elton R., blue-footed booby in San Bernardino County, California, 88
- Egret, 40
 American, 48, 57, 215, 216, 218, 224, 247
 Snowy, 113, 117, 178, 216, 218, 247
 Western Snowy, 116
- Egretta thula, 178, 216, 218, 247
 thula brewsteri, 113, 116
- Elanus leucurus majusculus, 117, 218
- Ellison, Lincoln, notes on food habits of juncos, 176
- Emberiza schoeniclus, 49
- Empidonax difficilis, 219
 hammondii, 199
 obscurus, 175
 traillii brewsteri, 24-27
 wrightii, 174
- Ensifera ensifera, 102
- Ereunetes mauri, 244
- Erithacus rubecula, 49
- Eumomota superciliosa dickeyi, 64
- Euphagus cyanocephalus, 251
- F
- Falco columbarius suckleyi, 40, 166, 176
 mexicanus, 170
 peregrinus anatum, 169, 172
 sparverius, 7, 170
- Falcon, Prairie, 46, 71, 127, 170, 234
- Finch, Black Rosy, 83
 California Purple, 40
 Cassin Purple, 8
 Gray-crowned Rosy, 83
 House, 112, 128
 Purple, 7, 245
 Rosy, 226
- Flicker, 34
 Red-shafted, 8, 34, 40, 72, 247
 Yellow-shafted, 34, 122
- Florida caerulea, 178
- Flycatcher, 231
 Coues, 128
 Little, 24-27
 Olive-sided, 129, 175, 224, 227
 Vermilion, 256
 Western, 46, 219, 256
 Wright, 174
- Friedmann, Herbert, the ruff on St. Lawrence Island, 42; the Mongolian plover and other birds at Goodnews Bay, Alaska, 89; the Siberian rough-legged hawk in Alaska, 246
- Fringilla coelebs, 112
- Fulica americana, 41
 americana americana, 84
 minor, 41
- Fulmar, 187
- G
- Gabrielson, Ira N., the San Jose say phoebe at San Diego, California, 249
- Gadwall, 106, 170
- Gallinula chloropus cachinnans, 217
- Gallinule, Florida, 217
- Gander, Frank F., apparent promiscuity in the violet-green swallow, 176
- Gannet, 256
- Gavia arctica pacifica, 78
- Geothlypis trichas, 165
 trichas chryseola, 81
 trichas occidentalis, 165
- Glaucidium gnoma, 206, 210, 211
 gnoma californicum, 82, 206
 gnoma pinicola, 82, 206
- Gnatcatcher, Black-tailed, 89
 Western, 42, 71, 89, 256
- Goatsucker, 256
- Godwit, 248
 Marbled, 47
- Golden-eye, 106, 170
 Barrow, 147, 155
- Goldfinch, Green-backed, 71, 226
 Green-backed Arkansas, 236
 Lawrence, 227
- Goose, Canada, 36, 107, 147, 150, 152, 153, 155, 179
 Emperor, 114
 Hutchins, 114
 Lesser Snow, 115
 Ross, 79
 Snow, 107, 179
 Tule White-fronted, 179
 White-fronted, 107
- Goshawk, 114, 221
 Western, 7, 8, 35, 36, 79, 173, 234
- Grebe, 155, 156, 157
 Eared, 83, 147, 256
 Horned, 78
 Pied-billed, 147, 155
 Western, 167, 168
- Grinnell, Joseph, further observations upon the bird life of Death Valley, 67; further concerning vernacular names, 165; the race of cowbird in the San Francisco Bay region, 218; perplexities in the making of a state list of birds, 237; the New Mexico race of plain titmouse, 251
- Grosbeak, Blue, 256
 California Pine, 8
 Rocky Mountain Pine, 80
 Western Evening, 7, 8, 36, 80, 122

- Grouse, Columbian Sharp-tailed, 238
 Sharp-tailed, 240
 Sierra, 6, 8
- Guillemot, 186, 223
 Pigeon, 172
- Guinea-hen, 238
- Guiraca caerulea interfusa, 202
- Gull, 150, 186
 California, 79, 147, 149, 150
 Common, 32
 Laughing, 36
 Ring-billed, 248
 Sabine, 47
 Western, 171, 177
- Gymnogyphus californianus, 199
- H**
- Haemophila, 165
- Halloran, Arthur F., nests of the Townsend solitaire, 244
- Hanna, Wilson C., the black-tailed gnat-catcher and the dwarf cowbird, 89; the western lark sparrow and the dwarf cowbird, 249
- Harris, Harry, an appreciation of Donald Ryder Dickey, 59; notes on the Xantus tradition, 191
- Hartert, Ernst, photo of, 120
- Hawk, 235
 Black Pigeon, 166
 Broad-winged, 182
 Cooper, 7, 71, 82, 234
 Duck, 128, 172, 182
 Krider, 79
 Marsh, 36, 48, 71, 170
 Red-tailed, 221
 Rough-legged, 114, 246
 Sharp-shinned, 45, 120
 Siberian Rough-legged, 246
 Sparrow, 7, 8, 170
 Swainson, 114, 255
 Western Red-tailed, 8
- Helianthea lutetiae, 102
- Heron, Anthony Green, 67, 72, 113, 246
 Black-crowned Night, 246
 Blue, 215, 246
 California Blue, 59
 Green, 246, 256
 Great Blue, 68, 113, 147
 Little Blue, 124, 178
 Louisiana, 79, 117, 216
- Hesperiphona vespertina brooksi, 7, 36, 80
 vespertina montana, 80
 vespertina warreni, 80
- Heteroscelus incanus, 172
- Hoactzin, 122
- Howard, Hildegard, and George Willett, characters differentiating certain species of Stercorarius, 158
- Howell, A. Brazier, traffic mortality of wild life, 33
- Hummingbird, 3-6, 235
 Allen, 116, 225
 Anna, 31, 32, 122, 225
 Black-chinned, 228, 252
 Calliope, 8, 32
 Costa, 31, 32, 116, 168, 169, 228, 242
 Rufous, 32, 182
 Violet-eared, 127
- Hydranassa tricolor ruficollis, 79, 117, 216
- Hylocharis leucotis borealis, 82
- Hylocichla guttata guttata, 169
 guttata sequoiensis, 36, 80
 ustulata swainsoni, 83
- I**
- Ibis, Wood, 147, 228
- Icteria virens longicauda, 235
- Icterus, 207
 cucullatus nelsoni, 32
 parisorum, 201
- Ingersoll, Albert M., sea gull lives again, 177
- Ixoreus naevius meruloides, 40, 178
- J**
- Jacot, E. C., an Arizona nest of the ferruginous rough-leg, 84
- Jaeger, 46, 187
 Long-tailed, 158
 Parasitic, 158
 Pomarine, 47
- Jay, 235
 Blue, 245
 Blue-fronted, 247
 California, 112
 Evergreen, 75
 Long-tailed, 126
 Western Himalayan Red-crowned, 106
 Woodhouse, 68, 72, 122
- Jenks, Randolph, unusual nesting records from northern Arizona, 172
- Jewett, Stanley G., nesting of the orange-crowned warbler in Oregon, 242; the Anthony green heron again in northern Oregon, 246
- Jourdain, Francis C. R., faulty information on the birds of Galicia, 89; the status of Phalaropus fulicarius jourdaini Iredale, 220
- Junco, 176, 177, 256
 Oregon, 256
 Slate-colored, 50
 Thurber, 7, 8
- Junco hyemalis, 50
 hyemalis connectens, 81, 176
 hyemalis hyemalis, 81
 oreganus thurberi, 8
- K**
- Killdeer, 71, 147, 155
- Kingbird, Eastern, 79
 Western, 256

- Kingfisher, 246
 Belted, 147
 Western Belted, 256
 Kinglet, Golden-crowned, 8, 94
 Ruby-crowned, 46, 250
 Western Golden-crowned, 80, 175
 Kinsey, Eric Campbell, notes on the sociology of the long-tailed yellow-breasted chat, 235
 Kitchin, E. A., sketch of life of John Hooper Bowles, 91
 Kite, White-tailed, 96, 117, 122, 218
 Kittiwake, 189, 256
 Knot, 244
 American, 168, 244
- L
- Lafresnayeia lafresnayi gayi, 103
 Lanius ludovicianus excubitorides, 81
 ludovicianus gambeli, 49, 80, 81
 ludovicianus nevadensis, 81
 ludovicianus sonoriensis, 81
 Lark, California Horned, 124
 Desert Horned, 67
 Horned, 71, 122, 124, 225, 256
 Pallid Horned, 122
 Prairie Horned, 50, 122
 Larus atricilla, 36
 californicus, 79
 canus brachyrhynchus, 32, 248
 canus canus, 32
 delawarensis, 169, 248
 occidentalis, 171
 ridibundus ridibundus, 33
 Laughing-Thrush, Eastern Himalayan
 White-crested, 166
 Simla Streaked, 166
 Leucosticte atrata, 83
 tephrocotis tephrocotis, 83
 Lincoln, Frederick C., banded laughing gull recovered in El Salvador, 36; a full set of "runt" mallard eggs, 86
 Linnet, California, 172
 Linsdale, Jean M., and E. L. Sumner, Sr., winter weights of golden-crowned and fox sparrows, 107
 Little, Elbert L., Jr., American egrets at the Jornada experimental range, New Mexico, 247
 Lobipes lobatus, 172
 Lofberg, Lila M., magpie spends second winter at Florence Lake, 217; through a hospital window, 246; another cross-billed blackbird, 251
 Loon, 146, 147
 Pacific, 78
 Lophortyx, 30
 Loxia curvirostra, 117
 curvirostra bendirei, 80
 Lunda cirrhata, 171
- M
- Macaw, 126
 Magpie, 71, 114, 217
 American, 68
 Black-billed, 122, 217
 Hooded Racket-tailed, 166
 Sikkim Yellow-billed, 166
 Western Yellow-billed, 166
 Yellow-billed, 37, 224, 255
 Mailliard, Joseph, white-throated sparrows in Marin County, California, 88; English sparrows make Nuttall sparrows trapwise, 115
 Mallard, 87, 106, 147, 152, 155, 170
 Mareca americana, 170
 Margarornis perlata, 102
 Marila collaris, 170
 Marsh, V. L., the nesting of the double-crested cormorant at Lake Bowdoin, Montana, 219
 Martin, Purple, 40
 McAtee, W. L., review of Caum on exotic birds of Hawaii, 92
 McCabe, Thomas T., review of Valentin Haecker on racial differentiation, 92
 McCreary, Otto, some unusual winter records for birds in Goshen county, Wyoming, 170
 Meadowlark, 46, 72, 246, 247
 Western, 238
 Meadows, Don, additional notes from Santa Catalina Island, 40
 Melopelia, 213, 214, 215
 asiatica, 214
 asiatica asiatica, 213
 asiatica mearnsi, 213, 214
 australis, 214
 meloda, 213, 214
 Melospiza georgiana, 81
 melodia, 40
 melodia beata, 49-57
 melodia fallax, 71
 melodia saltonis, 36
 Merganser, 106
 American, 147, 149, 152, 170, 256
 Merlin, Black, 40, 176
 Metallura atrigularis, 104
 primolina, 103
 tyrianthina, 104
 tyrianthina tyrianthina, 103
 Michael, Charles W., unusual behavior of the western robin, 33; nesting of the red-breasted nuthatch, 113; feeding habits of herons on Mission Bay, California, 215; the golden plover on the beach at La Jolla, 247
 Michener, Harold, photo of, 254
 Michener, Josephine R., photo of, 254
 Micropalama himantopus, 168
 Micropallas whitneyi whitneyi, 201, 203
 Miller, Alden H., the vocal apparatus of some North American owls, 204;

- winter occurrences of saw-whet owl and nuttall woodpecker in desert areas, 252
- Miller, Alden H., and James F. Ashley, goose footprints on a Pliocene mud-flat, 178
- Miller, Loye, costa hummers wintering in the California deserts, 168; the little blue heron in California, 178
- Mimus polyglottos leucopterus, 247, 252
- Mockingbird, 46, 122, 128, 170, 183, 184, 224-228, 256
- Western, 247, 252
- Molothrus, 218
- Molothrus ater artemisiae, 36, 218, 219
- ater californicus, 218, 219
- ater obscurus, 89, 218, 219, 249
- Moore, Robert T., a new species of hummingbird, genus Chaetocercus, from eastern Ecuador, 3; Gonzalo Pizarro's trail to the land of cinnamon and its denizens, 97
- Morcom, George Frean, in memoriam, 16-24; photograph of, 17
- Motmot, 129
- Mudhen, 107
- Murie, Olaus J., magpies and ferruginous rough-leg feeding together, 114; unusual mountain bluebird nests, 164
- Murre, 171, 183, 186
- California, 171
- Murrelet, Ancient, 122
- Kittlitz, 89
- Myadestes townsendi, 244, 249
- Myiarchus cinerascens cinerascens, 201, 202
- tuberculifer olivascens, 201
- tyrannulus magister, 201, 202
- Myiochanes richardsonii, 9
- richardsonii richardsonii, 201
- Mynah, 240
- Myrtis fanny, 98
- N
- Neff, Johnson A., tri-colored red-wing nesting in eastern Shasta County, California, 43; miscellaneous notes on birds of the Sacramento Valley, 217
- Nelson, A. L., some early summer food preferences of the American raven in southeastern Oregon, 10
- Nephoecetes niger borealis, 37
- Nesopelia, 213, 214
- galapagoensis exsul, 213, 215
- galapagoensis galapagoensis, 213, 215
- Nettion carolinense, 41, 170
- Neumann, Oscar, photograph of, 120
- Nice, Margaret Morse, song sparrows and territory, 49; review of Ehrhart-Dachan on moor-life, 92; ten-year-old passerines, 245
- Nighthawk, Pacific, 79, 256
- Texas, 256
- Nucifraga columbiana, 161, 229
- Numenius americanus, 168, 221
- americanus occidentalis, 79
- Nutcracker, 229, 233, 234
- Clark, 152, 161, 162, 163, 229-234
- Nuthatch, 226, 227
- Pigmy, 8
- Red-breasted, 8, 94, 113, 225
- Slender-billed, 45, 94, 117
- Western Cinnamon-bellied, 166
- Nuttallornis borealis, 175
- mesoleucus majorinus, 82
- Nyroca collaris, 79
- O
- Oberholseria chlorura, 175
- Oceanodroma socorroensis, 37, 243
- homochroa, 171
- melania, 243
- tethys, 37
- Oreortyx, 30
- Oriole, 226
- Arizona Hooded, 32, 124
- Bullock, 124, 256
- Osprey, 48, 117, 147, 152, 153, 223
- American, 173
- Otocoris alpestris ammophila, 68
- alpestris leucolaema, 67
- alpestris praticola, 50
- Otus, 207, 212
- asio, 205, 206, 210, 211
- asio aikenii, 82
- asio asio, 206
- asio cineraceus, 84, 201, 202
- asio gilmani, 206, 210
- asio quercinus, 206
- trichopsis, 201, 202
- Owl, Aiken Screech, 82
- Barn, 33, 94, 128, 181, 183, 207, 208
- Burrowing, 207
- Elf, 202
- Great Gray, 153
- Great Horned, 38
- Horned, 203, 207, 209-211
- Long-eared, 205-208, 228
- Pacific Horned, 79
- Pygmy, 207, 211
- Saw-whet, 36, 252
- Screech, 84, 202, 207, 208, 210
- Short-eared, 36, 114
- Snowy, 114
- Spotted, 203, 207, 208, 210
- Western Horned, 67, 72
- P
- Pandion haliaëtus carolinensis, 117, 173
- Paroquet, Carolina, 180
- Louisiana, 180
- Paridae, 245

- Parrot, 126
 Thick-billed, 180, 181
Passer domesticus, 33, 172
 domesticus domesticus, 69, 247
Passerculus sandwichensis alaudinus, 71
 sandwichensis rostratus, 82
Passerella iliaca, 107
 iliaca canescens, 80
 iliaca iliaca, 80
 iliaca stephensi, 178
 iliaca townsendi, 80
 iliaca unalaschcensis, 169
Passerina amoena, 236
 ciris, 203
 cyanea, 80
Patagona gigas, 98
Pelecanus erythrorhynchos, 167
 occidentalis californicus, 78
Pelican, 47, 150
 California Brown, 78
 White, 48, 147, 149, 151, 153, 167, 168, 227
Pelidna alpina sakhalina, 244
Penthestes carolinensis, 50
Perisoreus obscurus obscurus, 162
 Peters, James L., remarks on the proposed races of *Squatarola squatarola* (Linn.) and comments on the nomenclature, 27; the status of *Phalaropus fulicarius jourdaini* Iredale, 85; the classification of some American pigeons, 213; further comment on *Phalaropus fulicarius jourdaini*, 220
Petrel, 46, 172, 186, 242
 Ashy, 171
 Beal, 172
 Black, 243
 Galapagos, 37
 Socorro, 37, 243
 Storm, 46, 185, 256
Peucedramus olivaceus arizonae, 82
Pewee, Eastern Wood, 46
 Western Wood, 7-9, 46, 47
Phaeopus hudsonicus, 169, 221, 222
 tahitiensis, 222
Phaëthon aethereus, 85, 86
Phainopepla, 228, 256
Phainopepla nitens lepida, 201
Phalacrocorax auritus albociliatus, 172
 auritus auritus, 219
 pelagicus resplendens, 172
 penicillatus, 172
Phalaenoptilus nuttallii dickeyi, 64
 nuttallii hueyi, 79
 nuttallii nuttallii, 36, 178, 201
Phalarope, 45, 47, 187
 Northern, 172
 Red, 85
 Wilson, 147, 150, 156
Phalaropus fulicarius, 85, 220
 fulicarius jourdaini, 85, 220, 221
 lobatus, 220
Pheasant, Ring-necked, 238, 239
Philacte canagica, 114
Philomachus pugnax, 42
Phoebe, Black, 225, 256
 Eastern, 80
 Lower California Say, 117
 San Jose Say, 249
 San Quintin, 83
 Say, 70, 71, 249, 256
Pica pica hudsonia, 68, 114, 217
 nuttallii, 37
Picoides tridactylus dorsalis, 174
Pigeon, Band-tailed, 40, 42, 216, 217
 Passenger, 224
Pinarolaema buckleyi, 98
Pinicola enucleator californica, 8
 enucleator montana, 80
Pintail, 48, 106, 147, 155, 170
Pipilo fuscus carolae, 236
 fuscus petulans, 236
 maculatus falcinellus, 236
Pipit, 71, 72, 95, 122
 Sprague, 80
Piranga flava hepatica, 202
 flava oreophasma, 82
 ludoviciana, 161
 rubra cooperi, 202
 rubriceps, 102
Pisobia melanotos, 79, 168
Platypsaris aglaiae albiventris, 82
 aglaiae richmondi, 82
Plover, 107
 Black-bellied, 247, 248
 Black-breasted, 27
 Golden, 247, 248
 Mongolian, 89
 Snowy, 40
Pluvialis dominica, 248
Poecilothraupis lunulata atricrissa, 102
 palpebrosa, 102
Polioptila melanura californica, 89
 melanura lucida, 82
 melanura melanura, 82
Poocetes gramineus affinis, 83
Poor-will, 256
 Desert, 79
 Dusky, 183
 Nuttall, 36, 178
Porzana flaviventer bangsi, 243, 244
 flaviventer flaviventer, 243, 244
 flaviventer gossii, 243, 244
 flaviventer hendersoni, 243, 244
 flaviventer woodi, 243
Progne subis, 40
Psalidoprymna, 98
 gracilis gracilis, 103
Psaltriparus minimus, 87
 minimus minimus, 178

- Ptychoramphus aleuticus*, 171
Puffin, 223, 256
 Tufted, 171
Pyrocephalus rubinus mexicanus, 201
- Q
- Quail*, 202, 227, 247
 California, 21
 Desert, 68, 71, 256
 Mearns, 30
 Mountain, 8
 Valley, 256
Querquedula discors, 35
- R
- Rail*, 243
 California Clapper, 225
 Sora, 147
Rallus limicola pacificus, 82
Raven, 71, 151, 153, 155
 American, 10-15
 White-necked, 118, 119
Redbreast, 49
Redhead, 106
Red-tail, 114, 221
 Western, 7
Red-wing, San Diego, 40
 Tri-colored, 42
Regulus satrapa olivaceus, 80, 175
- Review of Publications:
- Autobiography of a bird-lover, by Frank M. Chapman, 45
 Birds of Marin county, by Laura A. Stephens and Cornelia C. Pringle, 45
 Birds of Nunivak Island, Alaska, by Harry S. Swarth, 119
 Das Sterbende Moor, by Otto Ehrhart-Dachan, 92
 Exotic birds of Hawaii, by Edward L. Caum, 92
 Field observations in economic ornithology, by E. R. Kalmbach, 253
 Racial differentiation, by Valentin Haecker, 92
 Revised list of the birds of southwestern California, by George Willett, 43
 Ten year index to The Auk, Harry S. Swarth, editor, 253
 Vulnerability of bob-white populations to predation, by Paul L. Errington, 120
- Rhamphomicron microrhynchum*, 103
Rhynchopsitta pachyrhyncha, 180
Richmondia cardinalis cardinalis, 245
Road-runner, 45
 California, 183
Robin, 71, 72, 164, 165, 219, 224, 227, 247, 250, 255
 Western, 8, 9, 33, 34, 38, 69, 164, 183, 249, 251
- Ross*, Roland Case, an aged band-tailed pigeon, 42; snowy egret in a mountain forest, 113
Rough-leg, Ferruginous, 84, 114
Rowley, J. Stuart, notes on the nesting of the band-tailed pigeon, 216
Ruff, 42
Russell, Ward C., and Seth B. Benson, the cowbird breeds in Berkeley, 219
- S
- Salpinctes obsoletus*, 172
Sanderling, 244
Sandpiper, Pectoral, 79, 168
 Red-backed, 244
 Solitary, 147
 Spotted, 8, 147, 150, 155, 173, 174
 Stilt, 168
 Western, 244
Sapsucker, Red-breasted, 8
 Southern Red-breasted, 79
 Williamson, 8
Sayornis phoebe, 80
 nigricans salictaria, 83
 saya quiescens, 117, 249
 saya saya, 117
Scaup, 106, 147, 155
Schizoeaca fuliginosa, 102
Scops leucotis, 205
Scoter, American, 122
Sefton, Jr., Joseph W., cooper hawk feeds on eared grebe, 83; pelagic birds near shore, 242
Selasphorus alleni, 116
 rufus, 32
Setophaga picta picta, 201
Shearwater, 187
 Slender-billed, 183
Shoveller, 106, 147
Shrike, 70, 72
 California, 49, 80
Sialia currucoides, 164, 249, 250
Sialia mexicana occidentalis, 69, 164, 250
 sialis, 250
 sialis fulva, 202
Siskin, Pine, 8, 225, 256
Sitta canadensis, 113
 carolinensis aculeata, 117
 carolinensis nelsoni, 201
Skua, 187
Smith, Clarence F., bird notes from the Farallon Islands, 170
Snipe, 107
 Wilson, 147
Solitaire, Townsend, 244, 249
Sora, 155
Sparrow, Black-chinned, 224
 Brewer, 8
 Chipping, 224, 256
 Desert Song, 36
 Eastern Fox, 80

- English, 33, 70, 72, 115, 116, 172, 239, 247, 256
 English House, 69
 Field, 41
 Fox, 8, 45, 107, 109, 111, 112
 Gambel, 48
 Gambel White-crowned, 71, 72
 Golden-crowned, 88, 107-112
 Harris, 80
 Inyo Fox, 80
 Large-billed, 82
 Lark, 227
 Lincoln, 122, 156, 256
 Mississippi Song, 49-57
 Nuttall, 115, 116
 Sage, 71
 Santa Cruz Song, 225
 Savannah, 46, 72
 Song, 40, 71, 72, 124, 225, 228
 Stephens Fox, 178
 Swamp, 80
 Townsend Fox, 80
 Western Chipping, 8
 Western Lark, 249, 256
 Western Savannah, 71
 White-crowned, 7, 8, 173
 White-throated, 88
Speotyto cunicularia, 210, 211
 cunicularia hypugaea, 206
Sphyrapicus varius daggetti, 79
Spinus psaltria hesperophilus, 236
Spizella breweri, 8
 pusilla, 41
 Spoonbill, 106
 Sprig, 106
Squatarola helvetica australis, 28-29
 squatarola, 27-29
 squatarola cynosurae, 27-29
Stachyridopsis rufifrons, 166
 Starling, 245
Stellula calliope, 32
Stercorarius, 127
 longicaudus, 158, 160
 parasiticus, 158-160
 pomarinus, 160
 Stevenson, James, comments upon systematics of Pacific coast jays of the genus *Cyanocitta*, 72
 Stevenson, James, and William B. Davis, the type localities of three birds collected by Lewis and Clark in 1806, 161; the American knot in the San Francisco Bay region, 244
 Stoner, Emerson A., nesting of the western robin in Solano County, California, 38; recent occurrences of the American egret in the San Francisco Bay region, 57; summary of a record of duck shooting on the Suisun marsh, 105; the jay as a benefactor of man, 112; mockingbird nesting at Benicia, California, 252
 Stork, 238
 Stresemann, Erwin, photo of, 120
 Strigidae, 208, 211, 212
 Strix, 205, 207, 212
 flammea, 205
 occidentalis, 205-208, 210, 211
 occidentalis caurina, 205
 occidentalis lucida, 203
 occidentalis occidentalis, 199, 205
Sturnella magna hoopesi, 82
 lilianae, 82
Sturnus vulgaris vulgaris, 245
Sula nebouxii, 88
 Sumner, E. L., Sr., wren-tit banded in 1925 again trapped, 170
 Sumner, E. L., Sr., and Jean M. Linsdale, winter weights of golden-crowned and fox sparrows, 107
 Surf Bird, 89, 226
 Swallow, Northern Violet-green, 68
 Tree, 8, 95, 251
 Violet-green, 176
 Swan, 107, 147, 151, 157
 Trumpeter, 146, 149, 151, 155, 157
 Whistling, 115
 Swarth, Harry S., in memoriam: George Fream Morcom, 16; problems in the classification of northwestern horned owls, 38; bush-tit fighting its reflection, 87; a criticism of certain "new" subspecies, 90
 Swift, Northern Black, 37, 126
 Vaux, 45, 48
 Sword-bill, 102
 Syrniium, 205
 occidentale, 199

T

Tachycineta thalassina lepida, 68, 176, 201
 Tanager, 224
 Cooper, 256
 Western, 8, 36, 45, 161, 163
Tangavium aeneus aeneus, 201, 202
 Tattler, Wandering, 172, 226
 Taverner, P. A., flicker hybrids, 34
 Teal, Blue-winged, 35, 147, 150
 Cinnamon, 106, 107, 256
 Green-winged, 41, 106, 107, 147, 170
Teratornis, 239
 Tern, Arctic, 187
 Caspian, 147, 150
 Crested, 186, 187
 Gull-billed, 227
 Least, 224
 Sooty, 186, 187, 190
 Swallow-tailed, 187
Thalassarche cauta eremita, 190
 Thompson, Ben H., a wilderness-use technique, 153

- Thrasher, Brown, 170
 California, 122
 Curve-billed, 80
 LeConte, 71, 255, 256
- Thraupis darwini, 98
- Thrush, Hermit, 95
 Northern Varied, 40, 178
 Olive-backed, 83
 Russet-backed, 237
 Sierra Hermit, 8, 36, 80
- Thryomanes bewickii eremophilus, 69
- Ticehurst, Claud B., dancing movements
 of old-world gulls, 32
- Tit-Babbler, Assam Red-throated, 166
- Titmouse, 219
 Plain, 46, 86, 122, 251
 Tufted, 46, 50
- Totanus flavipes, 79, 168
 melanoleucus, 67, 117
- Towhee, 236
 Brown, 225, 236
 California, 226
 Green-tailed, 8, 175, 176
 Sacramento Spotted, 236
 Spotted, 226
- Toxostoma curvirostre curvirostre, 80
 curvirostre palmeri, 80
 rufum, 170
- Tree-Creeper, Manipur Brown-throated,
 166
- Tree-duck, Fulvous, 217, 227
- Tringa helvetica, 29
 varia, 29
- Troglodytes aëdon, 56
- Tropic-Bird, 46
 Red-billed, 85, 186, 187
- Turdus migratorius propinquus, 9, 34, 38
- Turkey, Wild, 126
- Tyrannula hammondii, 199
- Tyrannus vociferans, 201
 tyrannus, 79
- Tyto, 211
 alba, 33, 205, 208, 210, 211
 alba pratincola, 201, 202, 205
 Tytonidae, 208
- U
- Unglish, W. E., the black pigeon hawk in
 Santa Clara County, California, 166
- Uria aalge californica, 171
- V
- Van Rossem, A. J., a record of the Cape
 May warbler in Arizona, 165; a
 second record of the black merlin in
 southern California, 176; a race of
 Porzana flaviventer from Central
 America, 243
- Vargas, Glen, yellow-billed magpies in
 captivity, 37
- Veniliornis equifasciatus, 102
- Verdin, 71, 122, 256
 Arizona, 68, 72
 Cape, 83
- Vermivora celata lutescens, 114, 237, 242
 celata orestera, 242
 celata sordida, 83
- Vestipedes vestitus smaragdinipectus, 103
- Vireo, Cassin, 8, 122, 250
 Least, 256
 Western Warbling, 182
 White-eyed, 102
- Vireo cassinii, 199
 solitarius cassinii, 199
- Vorhies, Charles T., second record of the
 red-billed tropic-bird in Arizona,
 85; records of lesser snow goose and
 whistling swan in Arizona, 115; the
 white-necked raven, a change of
 status?, 118; Arizona records of the
 thick-billed parrot, 180
- Vulture, Black, 79, 124
 California, 184
 Turkey, 228
- W
- Walker, Alex., Nuttall poor-will on the
 Oregon coast, 178; the black-chinned
 hummingbird in Oregon, 252
- Warbler, Audubon, 8, 9, 69-72
 Black-throated Gray, 42, 69, 71
 Calaveras, 8
 Cape May, 165
 Dusky, 83
 Hermit, 7, 8
 Kentucky, 46
 Lucy, 256
 Lutescent, 8, 114, 182
 Lutescent Orange-crowned, 237
 Mangrove, 228
 Myrtle, 46
 Orange-crowned, 242
 Parula, 104
 Pileolated, 8, 36
 Tolmie, 46
 Wilson, 83
 Yellow, 47
- Water-thrush, Louisiana, 238
- Waxwing, Cedar, 45, 117, 184, 256
- Wetmore, Alexander, a fossil quail from
 Nebraska, 30
- Weydemeyer, Winton, the song of the
 mountain bluebird, 164; singing of
 the mountain bluebird and the west-
 ern bluebird, 249
- Whip-poor-will, 203
- Whitfield, Mrs. C. J., a screech owl cap-
 tured by a snake, 84
- Whydah-bird, 238
- Widgeon, 106
- Widmann, Otto, notice of death of, 45

- Willet, 147, 248
 Western, 150
- Willet, George, the plain titmouse of northern Santa Barbara County, California, 86; additional fall and winter records for the lutescent warbler in California, 114; the Lower California Say phoebe in southeastern California, 117; spring notes from Mount Pinos, Kern County, California, 178; portrait of, 91
- Willet, George, and Hildegard Howard, characters differentiating certain species of *Stercorarius*, 158
- Wilsonia pusilla, 36
 pusilla pusilla, 83
- Woodhewer, 126
- Woodpecker, 231
 Alpine Three-toed, 174
 Black, 161
 Cactus, 245
 California, 95, 228
 Chihuahua, 79
 Downy, 113
 Lark, 161
 Lewis, 46, 161, 163
 Nuttall, 122, 225, 252, 256
 Red-bellied, 79
 Texas, 245
 White-headed, 8
- Woods, Robert S., notes on hummingbirds and orioles, 31; midwinter occurrence of costa hummingbird in California, 116; a hummingbird entangled in a spider's web, 242
- Wren, Bewick, 71
 Desert Bewick, 69
 House, 45, 56
 Long-billed Marsh, 256
 Marsh, 72
 Nepal Scaly-breasted, 166
 Rock, 46, 156, 172
 Short-billed Marsh, 46
 Tule, 46, 147
 Vigors, 122
 Western House, 256
 Western Marsh, 256
- Wren-Babbler, Shan States Short-tailed, 166
- Wren-tit, 245
 Gambel, 170
- Wright, George M., the primitive persists in bird life of Yellowstone Park, 145
- Y
- Yellowhammer, 46
- Yellow-legs, Greater, 67, 71, 72, 117
 Lesser, 79, 168
- Yellow-throat, 69, 156
 Western, 71, 147, 165
- Z
- Zenaida, 213, 215
 asiatica asiatica, 215
 asiatica australis, 215
 asiatica mearnsi, 215
 asiatica meloda, 215
 auriculata, 213, 214
 aurita, 213-215
 aurita aurita, 215
 aurita yucatanensis, 215
 aurita zenaida, 215
 lucida, 215
 plumbea, 213, 214
 ruficauda, 214
 ruficauda jessiae, 213
 ruficauda robinsoni, 213
 ruficauda ruficauda, 213
 ruficauda vinaceorufa, 213
 spadicea, 213, 215
 zenaida, 214
 zenaida lucida, 213
 zenaida yucatanensis, 213
 zenaida zenaida, 213
- Zenaidura, 213, 214, 215
 auriculata antioquiae, 215
 auriculata auriculata, 215
 auriculata cauae, 215
 auriculata hypoleuca, 215
 auriculata jessiae, 215
 auriculata marajoensis, 215
 auriculata noronha, 215
 auriculata rubripes, 215
 auriculata ruficauda, 215
 auriculata vinaceorufa, 215
 auriculata virgata, 215
 graysoni, 213-215
 macroura, 214
 macroura carolinensis, 213, 215
 macroura clarionensis, 213-215
 macroura macroura, 213, 215
 macroura marginella, 213, 215
 macroura tresmariae, 213, 215
 yucatanensis, 213-215
- Zonotrichia albicollis, 88
 coronata, 88, 107
 leucophrys nuttalli, 115
 querula, 80