

INDEX TO VOLUME XVII

A

- Acanthis linaria linaria*, 127
Accipiter cooperi, 43, 192
 velox, 43, 124, 149, 192
Actitis macularius, 123
Aechmophorus occidentalis, 114, 121
Aegialitis nivosa, 207
Aeronautes melanoleucus, 9, 150, 194
Agelaius phoeniceus aciculatus, 12, 228
 phoeniceus californicus, 199
 phoeniceus neutralis, 126, 167
 phoeniceus phoeniceus, 4, 47, 150
 phoeniceus sonoriensis, 88, 233
Aimophila ruficeps ruficeps, 80, 200
Aix sponsa, 122, 207
 Allen, A. S., return of winter birds to the same locality, 58; birds of a Berkeley hillside, 78; the hermit warbler in Berkeley, 235
Aluco pratincola, 57, 79, 194
 American Ornithologists' Union, Pacific Coast meeting of the, 168; snapshots from the San Francisco meeting, 171
Ammodramus bairdi, 48
 savannarum australis, 48
 savannarum himaculatus, 60, 99
Amphispiza belli, 200
Anas platyrhynchos, 41, 122, 235
 Anderson, E. M., review of his "report on birds of Okanagan Valley", 133; review of his "birds of the Atlin District", 133; nesting of the Bohemian waxwing in northern British Columbia, 145
 Anderson, E. M., with Kermodé, F., review of their "report on birds of Atlin Lake", 133
Anthus rubescens, 128, 201
Antrostomus vociferus vociferus, 45
Aphelocoma californica californica, 80, 164, 198
Aphriza virgata, 207
Aquila chrysaetos, 43, 93, 193
Archibuteo lagopus sancti-johannis, 124
Archilochus alexandri, 125
 colubris, 45
Ardea herodias herodias, 74, 123
Arenaria interpres interpres, 186
 melanocephala, 207
Asio flammeus, 125, 173
 wilsonianus, 124, 149
Astragalinus lawrencei, 199
 psaltria hesperophilus, 80, 166, 199
 tristis pallidus, 127
 tristis salicamans, 199
 tristis tristis, 48
Asyndesmus lewisi, 152, 204

- Auklet, Cassin*, 33
 Rhinoceros, 30
Auriparus flaviceps flaviceps, 90
Avocet, 98, 123, 207

B

- Baeolophus bicolor*, 56
 inornatus inornatus, 84, 197
 Bailey, F. M., review of the fourth edition of her "handbook of birds of the western United States", 105; characteristic birds of the Dakota prairies. I, in the open grassland, 173; II, along the lake borders, 222
 Baldpate, 122, 166, 234
 Bancroft, W. F., with Palmer, T. S., and Earnshaw, F. L., review of their report on game laws for 1914", 107
 Beck, R. H., communication from, 133
 Bent, A. C., yellow-billed loon:—a correction, 130
 Bird, Surf, 207
 Bishop, L. B., description of a new race of Savannah sparrow and suggestions on some California birds, 185
 Bittern, American, 123
 Blackbird, Brewer, 60, 66, 94, 126, 150, 199, 229
 Columbian Red-winged, 126
 Red-winged, 47, 150
 Sonora Red-winged, 88
 Yellow-headed, 126, 131, 150, 173, 204
 Blue-bill, 131, 235
 Bluebird, 57
 Mountain, 95, 129, 151, 201
 Western, 129, 192, 196, 206, 234, 235
 Bobolink, 126, 177, 199, 222
 Bobwhite, 42, 123
 Bolander, L. P., early spring notes from west-central California, 131
Bombycilla cedrorum, 51, 128, 201, 204, 205
 garrula, 128, 145
Bonasa umbellus sabini, 123
 umbellus togata, 123
Botaurus lentiginosus, 123
 Bowles, J. H., European widgeon in Washington, 102
Brachyramphus craveri, 74
 hypoleucus, 74
 Bradbury, W. C., notes on the nesting of the white-tailed ptarmigan in Colorado, 214
Branta canadensis canadensis, 42, 122
 Bryant, H. C., another record of the occurrence of the emperor goose in California, 58; review of Hornaday's "wild life conservation", 106; late nesting of the Townsend solitaire, 205

- Bryant, H. C., and Bryant, A. M., a two hours' acquaintance with a family of water ouzels, 98
- Bubo virginianus pacificus*, 79, 194
virginianus pallescens, 125, 207
virginianus saturatus, 125
virginianus subarcticus, 125
virginianus virginianus, 44
- Bufflehead, 122
- Bunting, Indigo, 50
 Lark, 150, 177
 Lazuli, 80, 201
- Burnett, W. L., notes on some birds of Spring Canyon, Colorado, 148
- Bush-tit, 80
 Coast, 198
- Buteo borealis borealis*, 43
borealis calurus, 79, 93, 124, 149, 192
lineatus lineatus, 43
platypterus platypterus, 43
swainsoni, 43, 124
- Butorides virescens anthonyi*, 59
virescens virescens, 42
- C
- Calamospiza melanocorys*, 150
- Calidris leucophaea*, 207
- Calypte anna*, 79, 102, 164, 194
- Cameron, E. S., obituary notice, 208
- Canvas-back, 131, 232
- Cardinal, 50
 Arizona, 88
- Cardinalis cardinalis cardinalis*, 50
cardinalis superbus, 88
- Carpodacus cassini*, 127
mexicanus frontalis, 80, 100, 150, 200, 204
purpureus californicus, 80, 199
purpureus purpureus, 47
- Carriger, H. W., with Pemberton, J. R., a partial list of the summer resident land birds of Monterey County, California, 189
- Catbird, 55, 110, 128, 151, 223
- Cathartes aura septentrionalis*, 42, 123, 149, 192
- Catoptrophorus semipalmatus inornatus*, 207
- Centurus carolinus*, 45
uropygialis, 152, 233
- Cepphus columba*, 37
- Cerorhinca monocerata*, 30
- Certhia familiaris americana*, 55
familiaris montana, 128
familiaris occidentalis, 28, 199
- Ceryle alcyon alcyon*, 44, 125, 193
- Chaempelia passerina pallescens*, 207, 233
- Chaetura pelagica*, 45
vauxi, 9, 114, 164
- Chamaea fasciata fasciata*, 80, 196
- Chambers, W. L., California condor in Los Angeles County, 102; history of a nest of the green-backed goldfinch, 166; western bluebird nesting in Los Angeles, 235
- Charitonetta albeola*, 122
- Chat, Long-tailed, 151, 192, 199, 235
 Yellow-breasted, 54
- Chen hyperboreus hyperboreus, 204
- Chickadee, Carolina, 56
 Chestnut-backed, 129
 Chestnut-sided, 28
 Long-tailed, 128
 Mountain, 60, 95, 129, 198
 Oregon, 238
 Texas, 129
 Santa Cruz, 198
- Chicken, Prairie, 175, 222
- Chondestes grammacus grammacus*, 48
grammacus strigatus, 200
- Chordeiles acutipennis texensis*, 88, 96
virginianus henryi, 125
virginianus hesperis, 125, 164
virginianus virginianus, 45
- Cinclus mexicanus unicolor*, 95, 98, 128, 196
- Circus hudsonius*, 43, 93, 124, 163
- Coccyzus americanus americanus*, 44
americanus occidentalis, 150
erythrophthalmus, 44, 150
- Colaptes auratus auratus*, 129
auratus luteus, 45
cafer collaris, 80, 93, 111, 125, 150, 159, 195
chrysoides mearnsi, 160, 233
- Colburn, A. E., dwarf cowbird on the Colorado Islands, 165
- Colinus virginianus virginianus*, 42, 123
- Columba fasciata fasciata*, 193
- Colymbus auritus*, 204
nigricollis californicus, 114, 121, 163
- Comptosylpis americana usneae*, 53
- Condor, California, 102, 192
- Cooke, W. W., review of his "distribution and migration of North American rails and their allies", 107; the yellow-billed loon: a problem in migration, 213; review of his "our shorebirds and their future", 237
- Cooper Ornithological Club, directory of members of the, 136
 minutes of, 61, 134, 170, 212, 239
- Coot, American, 42, 123
- Cormorant, Farallon, 19, 74
 Pelagic, 41
- Corvus brachyrhynchos brachyrhynchos*, 47
brachyrhynchos hesperis, 126, 198
caurinus, 27
corax clarionensis, 186
corax principalis, 26
corax sinuatus, 93, 126

- Cowbird, 47
 Dwarf, 88, 165, 206
 Creeper, Brown, 55
 Montana, 128
 Tawny, 28, 192, 199
 Crossbill, American, 27, 127
 Crow, 47, 223
 Northwestern, 27
 Western, 126, 198
 Cryptoglaux acadica, 26, 125, 150
 funerea richardsoni, 125
 Cuckoo, Black-billed, 44, 150
 California, 150
 Yellow-billed, 44, 223
 Curlew, Jack, 207
 Long-billed, 207, 237
 Cyanocephalus cyanocephalus, 59, 164, 166
 Cyanocitta cristata cristata, 47
 stelleri annectens, 126
 stelleri carbonacea, 82, 198
 stelleri diademata, 93, 150
 stelleri frontalis, 58, 164
 Cypseloides niger borealis, 8, 9, 194
- D**
- Dawson, W. L., the nesting of the black swift: a vindication, 8; Niagara at your door: an appeal to San Franciscans, 19; early nesting of the Texas nighthawk, 96; the breeding of the snowy egret in California, 97; pink-footed shearwater on the coast of Washington, 101; supposed new records for Santa Cruz Island, 203; a notable occurrence of Pacific divers, 205; limicoline laggards at Santa Barbara, 207; communication from—fair play for the collector: an open letter, 208
 Dearborn, N., review of his "bird houses and how to build them," 108
 Dendragapus obscurus richardsoni, 113, 123
 Dendrocygna bicolor, 232
 Dendroica aestiva aestiva, 110, 128, 151
 aestiva brewsteri, 199
 auduboni auduboni, 80, 95, 128, 199
 cerulea, 53
 coronata, 53
 discolor, 54
 dominica albilora, 53
 magnolia, 53
 nigrescens, 83, 165, 199, 204
 occidentalis, 235
 pensylvanica, 53
 striata, 53
 townsendi, 83, 128, 201, 235
 vigorsi vigorsi, 53
 virens, 53
 Dice, L. R., first specimens of Baird sandpiper from the state of Washington, 60
 Dickcissel, 8
 Dipper, American, 128, 192, 196
 Directory of members of the Cooper Ornithological Club, 136
 Dixon, J., a foe to Johnson grass, 204
 Dolichonyx oryzivorus, 126, 199
 Dove, Inca, 87
 Mexican Ground, 207, 233
 Mourning, 149, 223
 Western Mourning, 42, 87, 92, 123, 131, 193
 White-winged, 87
 Dowitcher, Long-billed, 99
 Dryobates nuttalli, 82
 pubescens homorus, 125
 pubescens medianus, 44
 pubescens pubescens, 129
 pubescens turati, 195
 scalaris cactophilus, 151
 villosus hyloscopus, 194
 villosus monticola, 125
 villosus villosus, 44
 Duck, Fulvous Tree, 207, 232
 Harlequin, 29
 Old-squaw, 29
 Ruddy, 100, 102, 122, 234
 Wood, 122, 207
 Dumetella carolinensis, 55, 110, 128, 151
- E**
- Eagle, Bald, 44, 124, 166
 Golden, 43, 93, 193
 Northern Bald, 24
 Southern Bald, 193
 Earnshaw, F. L., with Palmer, T. S., and Bancroft, W. F., review of their report on "game laws for 1914", 107
 Editorial Notes and News, 61, 103, 132, 168, 208, 236
 Egret, 42, 232
 American, 211
 Snowy, 97, 211
 Egretta candidissima, 97
 Elanoides forficatus, 42
 Elanus leucurus, 206, 230
 Empidonax difficilis difficilis, 26, 82, 167, 195
 flaviventris, 46
 griseus, 233
 hammondi, 126
 minimus, 47, 111
 trailli trailli, 46
 virescens, 46
 wrighti, 126, 164
 Ereunetes mauri, 207
 Erismatura jamaicensis, 102, 122
 Euphagus cyanocephalus, 94, 126, 150, 199, 229
 Evermann, B. W., note on the feeding habits of the blue-fronted jay, 58

F

- Falco columbarius columbarius*, 44, 124, 149
mexicanus, 112, 124, 163, 166, 192
peregrinus anatum, 25
sparverius phaloena, 124, 131
sparverius sparverius, 44, 79, 93, 149, 192
 Falcon, Prairie, 112, 124, 131, 163, 166, 192
 Finch, Brown-capped Rosy, 94, 216
 California Purple, 80, 199
 Cassin Purple, 127
 Gray-crowned Rosy, 150
 House, 60, 100, 150, 204
 Purple, 47
 Finley, W. L., and Finley, Irene, review of their "little bird blue", 236
 Flicker, 129, 223
 Mearns Gilded, 160, 233
 Northern, 45, 129
 Red-shafted, 60, 79, 93, 111, 125, 150, 159, 195
 Flycatcher, Acadian, 46
 Arizona Crested, 153
 Ash-throated, 153, 233
 Crested, 46
 Gray, 233
 Hammond, 126
 Least, 47, 111
 Olive-sided, 46, 82, 125, 164, 192, 195
 Scissor-tailed, 8, 203
 Traill, 46
 Vermillion, 167
 Western, 26, 82, 167, 195
 Wright, 126, 164
 Yellow-bellied, 46
Fratercula corniculata, 29, 185
Fulica americana, 42, 123
- G
- Gallinago delicata*, 123
 Gardner, L. L., notes from the sea-coast of southern California, 99
Gavia adamsi, 130, 213
 immer, 121, 130, 203
 pacific, 205
 stellata, 121, 203
Geococcyx californianus, 87, 193
Geothlypis trichas occidentalis, 128, 151, 165
 trichas trichas, 54
 Gilman, M. F., a forty acre bird census at Sacaton, Arizona, 86; woodpeckers of the Arizona lowlands, 151
Glaucidium gnoma, 125
 gnoma californicum, 194
 Gnatcatcher, Blue-gray, 56
 Plumbeous, 90
 Western, 84, 196
 Godwit, Marbled, 98
 Goethe, C. M., bird-study out-of-doors in European schools, 201
 Golden-eye, 223
- Goldfinch, 48
 Green-backed, 80, 166, 192, 199
 Lawrence, 199
 Western, 127
 Willow, 192, 199
 Goose, Canada, 42, 122, 211
 Emperor, 58
 Lesser Snow, 204
 Grackle, Bronzed, 47, 224
 Grebe, Eared, 114, 121, 163
 Horned, 204
 Pied-billed, 121
 Western, 114, 121
 Grey, H., bird notes from British Columbia and southern California, 59
 Grinnell, H. W., review of Finleys' "little bird blue", 236
 Grinnell, J., review of "Alaskan bird-life", 105; review of W. H. Dall's biography of Spencer Fullerton Baird, 169; review of part two of E. H. Eaton's "birds of New York", 169; review of Cooke's "our shorebirds and their future", 237; review of his "a distributional list of the birds of California", 237
 Grosbeak, Black-headed, 80, 128, 150
 Blue, 204
 California Pine, 206
 Pacific Black-headed, 201
 Rocky Mountain Pine, 110
 Rose-breasted, 50, 223
 Western Evening, 127
 Grouse, Canadian Ruffed, 123
 Columbian Sharp-tailed, 123
 Oregon Ruffed, 123
 Richardson, 113, 123
 Sharp-tailed, 175, 223
 Guillemot, Pigeon, 37
Guiraca caerulea salicarius, 189
 Gull, Bonaparte, 96, 121
 California, 74
 Franklin, 96
 Glaucous-winged, 36
 Herring, 181, 204
 Kumlien, 186
 Ring-billed, 113, 121
 Western, 205
Gymnogyps californianus, 102, 192
- H
- Haematopus bachmani*, 40
Haliaeetus leucocephalus alascanus, 24
 leucocephalus leucocephalus, 44, 124, 166, 193
 Hawk, Broad-winged, 43
 Cooper, 43, 192
 Desert Sparrow, 124
 Duck, 25
 Ferruginous Rough-leg, 223
 Marsh, 43, 93, 124, 131, 163, 174, 225

- Pigeon, 44, 60, 124, 149
 Red-shouldered, 43
 Red-tailed, 43
 Rough-legged, 124
 Sharp-shinned, 43, 124, 149, 192
 Sparrow, 44, 79, 93, 149, 192
 Swainson, 43, 124, 131, 223
 Western Red-tailed, 79, 93, 124, 149, 192
 Western Sparrow, 131
- Heath, H., birds observed on Forrester Island, Alaska, during the summer of 1913, 20
- Heleodytes brunneicapillus couesi, 89
 Helmitheros vermivorus, 52
 Helodromas solitarius cinnamomeus, 114
- Hen, Prairie, 174
 Sage, 240
- Herodias egretta, 42, 232
- Heron, Black-crowned Night, 97
 Great Blue, 73, 123
 Green, 42
 Louisiana, 57
 Snowy, 97
- Hesperiphona vespertina montana, 127
- Himantopus mexicanus, 207
- Hirundo erythrogastra, 99, 128, 130, 150
- Hornaday, W. T., review of his "wild life conservation", 106
- Howell, A. B., California pine grosbeak in Mono County, and other notes, 206; (with A. van Rossem) additional observations on the birds of the lower Colorado valley in California, 232
- Huey, L. M., two birds new to California, 57; random notes from San Diego, 59
- Hummingbird, Allen, 79, 130, 194
 Anna, 79, 102, 164, 194
 Black-chinned, 125
 Calliope, 113, 125, 164
 Ruby-throated, 45
 Rufous, 26, 113, 125
- Hydranassa tricolor ruficollis, 57
- Hydrochelidon nigra surinamensis, 121, 207
- Hylocichla aliciae aliciae, 56
 fuscescens salicicola, 151
 guttata guttata, 129
 guttata nanus, 80
 guttata pallasii, 56
 guttata slevini, 196
 mustelina, 56
 ustulata swainsoni, 56, 110, 129, 151
 ustulata ustulata, 28, 84
- I
- Ibis, White-faced Glossy, 211
- Icteria virens longicauda, 151, 199
 virens virens, 54
- Icterus bullocki, 88, 126, 150, 199
 cucullatus nelsoni, 101, 234
 galbula, 47
- parisorum, 59, 96
 spurius, 47
- Iridoprocne bicolor, 51, 111, 128
- Ixoreus naevius naevius, 28, 80, 129, 201, 204
- J
- Jay, Black-headed, 126
 Blue, 47, 223
 Blue-fronted, 58, 164
 California, 79, 85, 164, 198
 Coast, 192, 198
 Long-crested, 93, 150
 Pinyon, 59, 60, 164, 166
 Rocky Mountain, 93
 Steller, 82
 White-headed, 126
- Junco, Gray-headed, 95
 Intermediate, 60
 Montana, 115, 127
 Oregon, 27
 Pink-sided, 60, 95
 Point Pinos, 192, 200
 Shufeldt, 60, 115
 Sierra, 80
 Slate-colored, 49
 Thurber, 234
- Junco hiemalis hiemalis, 49
 hyemalis connectens, 115
 hyemalis mearnsii, 95
 hyemalis montanus, 115, 127
 hyemalis thurberi, 234
 oreganus oreganus, 27
 oreganus pinosus, 200
 oreganus thurberi, 80
 phaeonotus caniceps, 95
- K
- Kalmbach, E. R., review of his "birds in relation to the alfalfa weevil", 108
- Kennedy, C. H., adaptability in the choice of nesting sites of some widely spread birds, 65
- Kermode, F., with Anderson, E. M., review of their "report on birds of Atlin Lake", 133
- Killdeer, 42, 60, 86, 92, 123, 149, 207, 224
- Kingbird, 8, 46, 125, 150
 Arkansas, 66, 150, 178
 Eastern, 67, 178
 Western, 88, 125, 196
- Kingfisher, Belted, 44, 125, 193
- Kinglet, Golden-crowned, 56
 Ruby-crowned, 56, 80, 84, 95
 Sitka, 201
 Western Golden-crowned, 28, 84, 115, 129
- Kite, Swallow-tailed, 42
 White-tailed, 206, 230
- L
- Lagopus leucurus leucurus, 92, 215

- Lanius borealis*, 128
 borealis invictus, 189
 ludovicianus excubitorides, 89, 150
 ludovicianus gambell, 102, 130, 197
 ludovicianus migrans, 51, 102
Lanivireo flavifrons, 51
 solitarius cassini, 111, 128, 197
 solitarius solitarius, 52
Lark, California Horned, 131, 164, 196
 Columbian Horned, 126
 Desert Horned, 60
Larus argentatus, 204, 205
 californicus, 74, 205, 240
 delawarensis, 113, 121, 205
 franklini, 96
 glaucescens, 36
 kumlieni, 185
 occidentalis, 205
 philadelphia, 96, 121
Law, J. E., Franklin gull: a new record for California, 96; a remarkable flight of sparrow hawks, 131
Leucosticte australis, 94, 216
 tephrocotis tephrocotis, 150
Limosa fedoa, 98
Linnet, 80, 100, 204
 California, 192, 200
Lobipes lobatus, 123
Longspur, Chestnut-collared, 177
Loon, 203
 Common, 121, 130
 Pacific, 205
 Red-throated, 121, 203
 Yellow-billed, 130, 213
Lophodytes cucullatus, 59, 122
Lophortyx californica californica, 81, 193
 californica vallicola, 206
 gambeli, 86, 97
Loxia curvirostra minor, 27, 127
Lunda cirrhata, 29
- M
- Macrorhamphus griseus scolopaceus*, 99
Magpie, 60, 93, 126, 150
 Yellow-billed, 192, 198
Mailliard, J., the Kern redwing—*Agelaius phoeniceus aciculatus*, 12; further remarks upon the Kern red-wing, 228; scaup ducks breeding in Golden Gate Park, San Francisco, 235
Mallard, 41, 122, 225, 234, 235
Mareca americana, 102, 122, 166
 penelope, 102
Marila, 235
Marila collaris, 186
 valisineria, 232
Martin, Purple, 50, 223
 Western, 196
McAtee, W. L., review of his "how to attract birds in northeastern United States", 107
Meadowlark, 47
 Southern, 8
 Western, 80, 93, 112, 126, 130, 150, 178, 192, 199, 223
Melanerpes erythrocephalus, 45, 150
 formicivorus aculeatus, 152
 formicivorus bairdi, 82, 183, 195
Meleagris gallopavo silvestris, 42
Melopelia asiatica trudeaui, 87
Melospiza georgiana, 50
 lincolni lincolni, 50, 127, 150, 234
 lincolni striata, 234
 melodia caurina, 60
 melodia melodia, 49
 melodia merrilli, 127
 melodia montana, 95
 melodia morphna, 82
 melodia rufina, 27
 melodia santaecrucis, 82, 200
Merganser, American, 121
 Hooded, 59, 122
 Red-breasted, 122
Mergus americanus, 121
 serrator, 122
Micropallas whitneyi, 233
Miller, L. H., dwarf cowbird in the San Diego region, 165; a striking plumage of the Western Tanager, 165; bluebird breeding in Los Angeles, 166; pinyon jays in Los Angeles, 166; a walking eagle from Rancho La Brea, 179; a convenient collecting gun, 226
Mimus polyglottos leucopterus, 89, 151
 polyglottos polyglottos, 55
Minutes of Cooper Club meetings, 61, 134, 170, 212, 239
Mniotilta varia, 52, 131
Mockingbird, 55
 Western, 89, 151
Molothrus ater ater, 47
 ater obscurus, 88, 165, 206
Morphnus daggetti, 179
Muller, Carl L., a northern winter record of the phainopepla, 129
Murre, California, 37
Murrelet, Ancient, 34
Muscivora forficata, 203
Myadestes townsendi, 95, 113, 129, 165, 205
Myers, H. W., a late nesting record for the California woodpecker, 183
Myiarchus cinerascens cinerascens, 196, 233
 crinitus, 46
Myoiochanes richardsoni richardsoni, 126, 150, 164, 195
 virens, 46
- N
- Nannus hiemalis hiemalis*, 55
 hiemalis pacificus, 28, 128, 167, 196
Nelson, E. W., communication—a national bird census, 104

Nettion carolinense, 122
 Nichols, J. T., estimated average age of
 the herring gull, 181
 Nighthawk, 45
 Florida, 8
 Pacific, 125, 164
 Texas, 88, 96
 Western, 125
Nucifraga columbiana, 93, 126
Numenius americanus, 207
 hudsonicus, 207
 Nutcracker, Clark, 93, 126
 Nuthatch, Pigmy, 112, 128, 197
 Red-breasted, 28, 80, 128
 Slender-billed, 128, 197
 White-breasted, 55, 223
Nuttallornis borealis, 46, 82, 125, 164, 195
Nyctea nyctea, 125

O

Oceanites oceanicus, 238
Oceanodroma furcata, 39, 204
 leucorhoa, 38
 melania, 76
 socorroensis, 76
Oidemia deglandi, 114, 122
 perspicillata, 122
Olor buccinator, 115, 123
 columbianus, 42
Oporornis formosus, 54
 philadelphia, 54
 tolmiei, 83, 102, 128, 151, 165, 199
Oreortyx picta plumifera, 163, 193
Oreoscoptes montanus, 234
Oreospiza chlorura, 150, 165
Oriole, Arizona Hooded, 101, 234
 Baltimore, 47, 223
 Bullock, 88, 126, 150, 192, 199
 Orchard, 8, 47
 Scott, 59, 96
Osprey, American, 70, 110, 124
Otocoris alpestris actia, 164, 196
 alpestris ammophila, 186
 alpestris leucansiptila, 186
 alpestris leucolaema, 233
 alpestris merrilli, 126, 186
 alpestris pallida, 186, 233
Otus asio asio, 44
 asio bendirei, 79, 167, 194
 flammeolus, 125
Ouzel, Water, 95, 98
Ovenbird, 54
Owl, Arctic Horned, 125
 Arizona Spotted, 15
 Barn, 57, 81, 194
 Barred, 44
 Burrowing, 192, 194, 233
 California Pigmy, 192, 194
 California Screech, 167, 194
 Dusky Horned, 125
 Elf, 153, 233
 Ferruginous Pigmy, 153
 Flammulated Screech, 125
 Great Gray, 115, 125
 Great Horned, 44
 Long-eared, 124, 149, 223
 Pacific Horned, 192, 194
 Pygmy, 125
 Richardson, 125
 Sawwhet, 26, 125, 150
 Screech, 44
 Short-eared, 125, 173, 222
 Snowy, 125
 Spotted, 59
 Western Horned, 125
Oxyechus vociferus vociferus, 42, 86, 92, 123,
 149, 207
Oystercatcher, Black, 40, 211

P

Palmer, T. S., with Bancroft, W. F., and
 Earnshaw, F. L., review of their re-
 port on "game laws for 1914", 107
Pandion haliaetus carolinensis, 70, 110, 124
Passer domesticus domesticus, 47, 94, 127,
 201, 204
Passerculus sandwichensis alaudinus, 127
 sandwichensis brooksi, 187
 sandwichensis bryanti, 187
 sandwichensis nevadensis, 186
 sandwichensis sandwichensis, 27, 201
 sandwichensis savanna, 48
Passerella iliaca iliaca, 50, 201, 238
 iliaca insularis, 189
 iliaca meruloides, 82, 201
 iliaca schistacea, 164
 iliaca stephensi, 164
 iliaca townsendi, 27
 iliaca unalascensis, 188
Passerherbulus lecontei, 48
Passerina amoena, 80, 201
 cyanea, 50
Pedioecetes phasianellus columbianus, 123
Pelecanus californicus, 59
 erythrorhynchos, 74
Pelican, American White, 74
 California Brown, 59
 Pemberton, J. R., and Carriger, H. W., a
 partial list of the summer resident
 land birds of Monterey County, Cali-
 fornia, 189
Penthestes atricapillus occidentalis, 238
 atricapillus septentrionalis, 128
 carolinensis agilis, 129
 carolinensis carolinensis, 56
 gambeli gambeli, 95, 129, 198
 rufescens rufescens, 28, 129, 198
Perisoreus canadensis capitalis, 93, 126
Petrel, Black, 74
 Fork-tailed, 39, 204
 Leach, 38

- Socorro, 74
Wilson, 238
- Petrochelidon lunifrons* lunifrons, 51, 80,
101, 128, 150, 196
- Pewee, Wood, 46, 223
Western Wood, 112, 126, 150, 164, 195
- Peyton, L., nesting of the white-tailed kite
at Sespe, Ventura County, California,
230
- Phainopepla*, 89, 129, 167, 192, 197
- Phainopepla nitens*, 89, 129, 167, 197
- Phalacrocorax auritus albociliatus*, 74
pelagicus pelagicus, 41
- Phalaenoptilus nuttalli californicus*, 194
- Phalarope, Northern, 123
Red, 98, 130
Wilson, 166
- Phalaropus fulicarius*, 98, 130
- Phasianus torquatus*, 59, 123
- Pheasant, Mongolian, 123
Ring-necked, 59
- Philacte canagica*, 58
- Phloeotomus pileatus abieticola*, 125
pileatus pileatus, 45
- Phoebe, 46
Black, 80, 82, 101, 196
Say, 80, 125, 150, 201
- Pica nuttalli*, 198
pica hudsonia, 93, 126, 150
- Picoides arcticus*, 125
- Pierce, W. M., occurrence of white-crowned
sparrow near Claremont, California,
59; peculiar nesting site of Anthony
towhee, 100; red phalaropes near Co-
rona, California, 130; miscellaneous
records from southern California,
166; a new bird for the Pacific slope
of southern California, 206
- Pierce, W. M., with Van Rossem, A., further
notes from the San Bernardino Moun-
tains, 163
- Pigeon, Band-tailed, 192, 193
- Pinicola enucleator californica*, 206
enucleator montana, 110
- Pipilo aberti*, 88
crissalis crissalis, 80, 201
crissalis senicula, 100
erythrophthalmus erythrophthalmus, 50
maculatus curtatus, 234
maculatus falcifer, 80, 201
maculatus montanus, 127, 150
- Pipit, American, 128, 201
- Piranga erythromelas*, 50
ludoviciana, 128, 150, 165, 199
rubra rubra, 50
- Pisobia bairdi*, 60
maculata, 114
- Planesticus migratorius caurinus*, 28
migratorius migratorius, 56
migratorius propinquus, 85, 95, 110, 129,
151, 165, 201, 204
- Plectrophenax nivalis*, 127
- Plover, Black-bellied, 123, 207
Mountain, 237
Snowy, 207
Upland, 177, 222, 237
- Podilymbus podiceps*, 121
- Polioptila caerulea caerulea*, 56
caerulea obscura, 84, 196
plumbea, 90
- Poocetes gramineus confinis*, 94, 164
gramineus gramineus, 48
- Poor-will, Dusky, 192, 194
- Porzana carolina, 123, 163, 233
- Progne subis hesperia*, 196
subis subis, 50
- Psaltriparus minimus minimus*, 80, 198
- Ptarmigan, White-tailed, 92, 214
- Ptychoramphus aleuticus*, 33
- Puffin, Horned, 29, 185
Tufted, 29
- Puffinus creatopus*, 101
griseus, 101
opisthomelas, 101
tenuirostris, 101
- Pyrocephalus rubinus mexicanus*, 167
- Q
- Quail, California, 60, 81, 193
Desert, 86
Gambel, 97
Mountain, 192, 193
Plumed, 163
Valley, 206
- Querquedula cyanoptera*, 115, 122, 166
discors, 115
- Quiscalus quiscula aeneus*, 47
- R
- Rail, California Black, 211
California Clapper, 98, 201
Louisiana Clapper, 3
Sora, 123, 163
Virginia, 149
- Rallus crepitans saturatus*, 5
obsoletus, 98, 201
virginianus, 149
- Raven, 93
Northern, 26
Western, 60, 126
- Ray, M. S., nesting of the American osprey
at Eagle Lake, California, 70
- Recurvirostra americana*, 98, 123, 207
- Redhead, 100, 211
- Redpoll, 127
- Redstart, American, 55, 128, 151
- Red-wing, Bi-colored, 192, 199
Columbian, 126
Florida, 4, 8
Kern, 12, 228

- Sonora, 233
Regulus calendula calendula, 56, 95
calendula cineraceus, 80
calendula grinnelli, 201
satrapa olivaceus, 28, 84, 115, 129
satrapa satrapa, 56
Riparia riparia, 128, 130, 196
Roadrunner, 87, 192, 193
Robin, 56, 65, 235
 Northwestern, 28
 Western, 60, 85, 95, 110, 129, 151, 165, 201, 204
Rust, H. J., an annotated list of the birds of Kootenai County, Idaho, 118
- S
- Salpinctes obsoletus obsoletus*, 151, 196
Sanderling, 207
Sandpiper, Baird, 60
 Pectoral, 114
 Spotted, 123, 224
 Western, 207
 Western Solitary, 113
Sapsucker, Red-breasted, 201
 Red-naped, 93, 125, 152
 Sierra, 152, 164
 Williamson, 93, 164
 Yellow-bellied, 45
Saunders, A. A., the California shrike in Montana: a correction, 102; a summer at Flathead Lake, Montana, 109
Sayornis nigricans, 80, 101, 196
 phoebe, 46
 sayus, 80, 125, 150, 201
Scardafella inca, 87
Scaup, 235
 Lesser, 234
Scoter, Surf, 122
 White-winged, 29, 114, 122, 223
Scotlaptex nebulosa nebulosa, 115, 125
Seiurus aurocapillus, 54
 motacilla, 54
 noveboracensis notabilis, 54, 151
Selasphorus alleni, 79, 130, 194
 rufus, 26, 113, 125
Setophaga ruticilla, 55, 128, 151
Shelton, A., Yukutat song sparrow in Oregon, 60
Shepardson, D. I., the house finch as a parasite, 100; some extreme nesting dates, 130; the house finch again, 204; blue-bird nesting in low country, 206
Shoveller, 100, 115, 122
Shrike, California, 102, 130, 131, 192, 197
 Migrant, 51, 102
 Northern, 128
 White-rumped, 60, 89, 150
Sialia currucoides, 95, 129, 151, 201
 mexicana bairdi, 234
 mexicana occidentalis, 129, 196, 206, 234, 235
 sialis sialis, 57
Silliman, O. P., range of the California clapper rail, 201; fork-tailed petrels delayed by storm, 204; late migration of the cedar waxwing, 205; another Mexican ground dove for California, and other notes, 207
Simmons, G. F., with Rallus in the Texas marsh, 3
Siskin, Pine, 48, 80, 94, 127, 192, 199, 204
Sitta canadensis, 28, 80, 128
 carolinensis aculeata, 128, 197
 carolinensis carolinensis, 55
 pygmaea pygmaea, 112, 128, 197
Sloanaker, J. L., New Years Day bird census at Palisades, Mesa County, Colorado, 60
Smith, A. P., birds of the Boston Mountains, Arkansas, 41
Snipe, Wilson, 123, 237
Snowflake, 127
Solitaire, Townsend, 95, 113, 129, 165, 205
Sora, 123, 163, 233
Sparrow, Aleutian Savannah, 27
 Baird, 48
 Bell, 192, 200
 Black-chinned, 192, 200
 Brewer, 233
 Chipping, 49
 Clay-colored, 224
 Dwarf Savannah, 187
 English, 47, 60, 79, 94, 127, 201, 204
 Field, 49
 Fox, 50, 201, 238
 Gambel, 60, 127, 164
 Golden-crowned, 81, 85, 101, 201
 Grasshopper, 48, 178
 Harris, 49, 80
 Intermediate, 80
 Lark, 48
 Leconte, 48
 Lincoln, 50, 127, 150, 234
 Merrill Song, 127
 Mountain Song, 60, 95
 Nuttall, 80, 101, 200, 204
 Rufous-crowned, 80, 200
 Rusty Song, 27, 82, 85
 Santa Cruz Song, 81, 85, 200
 Savannah, 48, 178
 Slate-colored, 164
 Song, 49
 Stephens Fox, 164
 Swamp, 50
 Townsend Fox, 27
 Tree, 49
 Vesper, 48, 178
 Western Chipping, 95, 127, 200
 Western Grasshopper, 8
 Western Lark, 8, 200
 Western Savannah, 127, 201
 Western Vesper, 94, 112, 164

- Western Yellow-winged, 99
 White-crowned, 49, 59, 60, 94
 White-throated, 49, 101
 Yakutat Fox, 82, 201
 Yakutat Song, 60
- Spatula clypeata*, 115, 122
Speotyto cunicularia hypogaea, 194, 233
Sphyrapicus ruber daggetti, 164
 ruber ruber, 152, 233
 thyroideus, 93, 164
 varius daggetti, 152, 201
 varius nuchalis, 93, 125, 152, 233
 varius ruber, 201
 varius varius, 45
- Spinus pinus pinus*, 48, 80, 94, 127, 199, 204
Spizella atrogularis, 60, 200
 breweri, 233
 monticola monticola, 49
 passerina arizonae, 95, 127, 200
 passerina passerina, 49
 pusilla pusilla, 49
- Squatarola squatarola*, 123, 207
 Squires, W. A., nesting of wild ducks near San Francisco, 234
Steganopus tricolor, 166
Stelgidopteryx serripennis, 113, 150
Stellula calliope, 113, 125, 164
 Stephens, F., Scott oriole at San Diego in the fall, 96
Sterna hirundo, 121, 206
 paradisaea, 206
 Stilt, Black-necked, 207
 Storer, T. I., additional records of the California clapper rail and red phalarope in California, 98; review of Bailey's "handbook of birds of the western United States", 105; review of Cooke's "distribution and migration of North American rails and their allies", 107; reviews of some recent publications of the Bureau of Biological Survey, 107; black-and-white warbler at Berkeley, California, 131
- Strix occidentalis huachucae*, 15
occidentalis occidentalis, 15, 59
varia varia, 44
- Sturnella magna magna*, 47
 neglecta, 80, 93, 126, 130, 150, 199
- Surf-bird, 207
- Swallow, Bank, 128, 130, 196
 Barn, 99, 128, 130, 150
 Cliff, 51, 80, 101, 128, 150, 196
 Rough-winged, 113, 150
 Tree, 51, 111, 128
 Violet-green, 113, 196
- Swan, Trumpeter, 115, 123
 Whistling, 42
- Swarth, H. S., the status of the Arizona spotted owl, 15; an apparent hybrid between species of the genera *Spatula* and *Querquedula*, 115; review of E. M. Anderson's "report on birds of Okanagan Valley", and "report on birds of the Atlin Lake", and of Ker-mode's and Anderson's "report on birds of Atlin Lake", 133; California screech owl in the Humboldt Bay region, 167; scissor-tailed flycatcher in southern California, 203; western gull and arctic tern: corrections of records, 205; review of Grinnell's "a distributional list of the birds of California", 237
- Swift, Black, 8, 194
 Chimney, 45
 Vaux, 114, 164
 White-throated, 150, 194
Synthliboramphus antiquus, 34
- T
- Tachycineta thalassina lepida*, 113, 196
 Tanager, Scarlet, 50
 Summer, 50
 Western, 128, 150, 165, 192, 199
- Teal, Blue-winged, 115
 Cinnamon, 115, 122, 166
 Green-winged, 122
- Tern, Arctic, 206
 Black, 121, 173, 207
 Common, 121, 206
 Least, 211
- Thrasher, Bendire, 89
 Brown, 55, 151, 223, 224
 California, 83, 85, 192, 196
 Crissal, 89
 Leconte, 234
 Sage, 234
 Sonoma, 238
- Thrush, Alaska Hermit, 129
 Dwarf Hermit, 80, 85
 Gray-checked, 56
 Hermit, 56
 Monterey Hermit, 192, 196
 Olive-backed, 56, 110, 112, 129, 151
 Russet-backed, 28, 84
 Varied, 28, 80, 85, 129, 201, 204
 Willow, 151
 Wood, 56
- Thryomanes bewicki bewicki*, 55
 bewicki charienturus, 196
 bewicki drymoeus, 196
 bewicki spilurus, 80, 84
- Thryothorus ludovicianus ludovicianus*, 55
 Titmouse, Plain, 84, 197
 Tufted, 56
- Totanus melanoleucus*, 207
- Towhee, 50
 Abert, 88
 Anthony, 100
 California, 79, 80, 83, 85
 California Brown, 192, 201
 Green-tailed, 150, 165

- Nevada, 234
 San Francisco, 80, 83, 85, 201
 Spurred, 127, 150
Toxostoma bendirei, 89
 crissale, 89
 lecontei lecontei, 234
 redivivum redivivum, 83, 196
 redivivum sonomae, 238
 rufum, 55, 151
 Tree-duck, Fulvous, 207, 232
Troglodytes aedon parkmani, 55, 80, 95, 128,
 165, 196
 Turkey, Wild, 42
 Turnstone, Black, 207
 Tyler, J. G., barn owls as the farmer's
 friends, 57
Tyrannus tyrannus, 46, 67, 125, 150
 verticalis, 66, 88, 125, 150, 196

U

- Uria troille californica*, 37

V

- Van Rossem, A., notes on murrelets and
 petrels, 74; (with A. B. Howell) ad-
 ditional observations on the birds of
 the lower Colorado valley, California,
 232
 Van Rossem, A., with Pierce, W. M., fur-
 ther notes from the San Bernardino
 Mountains, 163
 Verdin, 90
Vermivora bachmani, 52
 celata lutescens, 28, 83, 165, 199, 234
 chrysoptera, 52
 peregrina, 53
 pinus, 52
 rubricapilla gutturalis, 165
 ruficapilla ruficapilla, 53
Vireo, Blue-headed, 52
 Cassin, 111, 192, 197
 Eastern Warbling, 150
 Hutton, 83, 197
 Philadelphia, 51
 Red-eyed, 51, 58, 128
 Warbling, 51, 223
 Western Warbling, 83, 128, 197, 204
 White-eyed, 52
 Yellow-throated, 51
Vireo griseus griseus, 52
 huttoni huttoni, 83, 197
Vireosylva gilva gilva, 51, 150
 gilva swainsoni, 83, 128, 197, 204
 olivacea, 51, 58, 128
 philadelphica, 51
 Vulture, Turkey, 42, 123, 149, 192

W

- Wall, E., notes from San Bernardino, Cali-
 fornia, 59

- Warbler, Audubon, 80, 95, 112, 128, 192, 199
 Bachman, 52
 Black-and-White, 52, 131
 Black-poll, 53
 Black-throated Gray, 83, 165, 192, 199,
 204
 Black-throated Green, 53
 Blue-winged, 52
 Calaveras, 165
 California Yellow, 199
 Canadian, 55
 Cerulean, 53
 Chestnut-sided, 53
 Golden Pileolated, 165, 199
 Golden-winged, 52
 Hermit, 235
 Hooded, 54
 Kentucky, 54
 Lucy, 153
 Lutescent, 28, 83, 165, 199, 234
 MacGillivray, 83, 102, 151, 165
 Magnolia, 53
 Mourning, 54
 Myrtle, 53
 Nashville, 53
 Northern Parula, 53
 Orange-crowned, 111
 Pileolated, 28, 83, 95, 151, 235
 Pine, 53
 Prairie, 54
 Sycamore, 53
 Tennessee, 53
 Tolmie, 128, 199
 Townsend, 83, 112, 128, 201, 235
 Wilson, 55
 Worm-eating, 52
 Yellow, 110, 128, 151, 224, 235
 Warren, E. R., some Park County, Colora-
 do, bird notes, 90
 Water-thrush, Grinnell, 54, 151
 Louisiana, 54
 Waxwing, Bohemian, 128, 145
 Cedar, 51, 128, 201, 204, 205
 Wear, W. N., Arizona hooded oriole in the
 Fresno district, 234
 Wetmore, A., three new records for Kan-
 sas, 129
 Whippoorwill, 45
 Widgeon, European, 102
 Willard, F. C., a curious set of Gambel
 quail eggs, 97
 Willet, Western, 207
 Willett, G., new winter records for Ari-
 zona, 102
Wilsonia canadensis, 55
 citrina, 54
 pusilla chryseola, 165, 199
 pusilla pileolata, 28, 83, 95, 151
 pusilla pusilla, 55
 Woodcock, 237

- Woodpecker, Ant-eating, 152
 Arctic Three-toed, 125
 Batchelder, 125
 Cabanis, 192, 194
 Cactus, 151
 California, 82, 183, 195
 Downy, 44, 129, 223
 Gila, 152, 233
 Hairy, 44
 Lewis, 152, 204
 Mearns, 152
 Northern Pileated, 125
 Nuttall, 82
 Pileated, 45
 Red-bellied, 45
 Red-headed, 45, 150
 Rocky Mountain Hairy, 60, 125
 Willow, 195
- Wren, Bewick, 55
 Cactus, 89, 153
 Carolina, 55
 House, 223
 Rock, 151, 196
 San Joaquin, 196
 Vigers, 80, 84
 Western House, 55, 80, 95, 128, 165, 196
 Western Winter, 28, 128, 167, 196
 Winter, 55
- Wren-tit, 80, 85
 Intermediate, 84, 196
- Wyman, L. E., a winter record for MacGillivray warbler, 102
- Wythe, M. W., another record of the white-throated sparrow for California, 101
- X
- Xanthocephalus xanthocephalus, 126, 150, 204
 Xenopicus albolarvatus, 163
- Y
- Yellowlegs, Greater, 207
 Yellowthroat, Maryland, 54
 Western, 128, 151, 165
- Z
- Zamelodia ludoviciana, 50
 melanocephala capitalis, 80, 189, 201
 melanocephala melanocephala, 128, 150
- Zenaidura macroura carolinensis, 149
 macroura marginella, 42, 87, 92, 123, 193
- Zonotrichia albicollis, 49, 101
 coronata, 201
 leucophrys gambeli, 80, 127, 164, 188, 200
 leucophrys leucophrys, 49, 59, 94
 leucophrys nuttalli, 80, 188, 204
 querula, 49, 80