

INDEX TO VOLUME XLI

A

Aldrich, Elmer C., notes on the salt-feeding habits of the red crossbill, 172

Abbott, Clinton G., American knots on San Diego Bay, California, 217

Accipiter atricapillus, 122
cooperii, 102
velox, 102, 207, 209

Actitis macularia, 37, 125, 248

Aechmophorus occidentalis, 32, 99, 220

Aethia cristatella, 68

Agelaius phoeniceus, 57, 68, 60, 220, 225-229
phoeniceus arctolegus, 244-246
phoeniceus fortis, 244
phoeniceus nevadensis, 251
phoeniceus phoeniceus, 244-246
tricolor, 225-229

Aimophila ruficeps, 126

Albatross, Black-footed, 257

American Ornithologists' Union, notice of meeting of, 127, 222

Amphispiza belli, 126, 127, 259
bilineata, 126, 127, 259

Anas platyrhynchos, 36, 122, 247
platyrhynchos platyrhynchos, 57

Anhimidae, 17

Anhinga, 16

Anser albifrons albifrons, 30

Anthus gustavi, 37
spinoletta, 218
spinoletta rubescens, 57, 60

Aphelocoma californica immanis, 57

Aphriza virgata, 121

Aquila, 156
chrysaetos, 207, 209

Ara macao, 208

Ardea herodias, 104, 122, 172
herodias hyperonca, 81, 123
herodias treganzai, 37, 217

Arnold, Lee W., and J. Elton Green, an unrecognized race of murrelet on the Pacific coast of North America, 25

Asio flammeus, 167, 208-210, 248
wilsonianus, 208-210, 248

Astur atricapillus striatulus, 247

Auklet, Crested, 68
Rhinoceros, 255

Auriparus flaviceps, 123

Avocet, 38, 90, 124
American, 125

B

Bailey, Alfred M., ivory-billed woodpecker's beak in an Indian grave in Colorado, 164

Bailey, Alfred M., and Robert J. Niedrach, eastern hermit thrush in Colorado, 123; snowy plover from Colorado, 127; the piping plover in Colorado, 216

Baldpate, 36, 57

Bittern, American, 130, 220
Least, 86
Western Least, 82, 220

Blackbird, Brewer, 61, 170, 219, 251
Red-winged, 131, 220, 244, 245
Rusty, 175

Bluebird, Mountain, 61, 84, 131, 172, 219, 250
San Pedro, 221

Bombycilla cedrorum, 57, 168
garrula, 120, 123, 217
garrula pallidiceps, 221

Bond, Richard M., observations on raptorial birds in the Lava Beds—Tule Lake region of northern California, 54; white-winged dove in Santa Cruz County, California, 255

Booby, Brown, 14, 130
Red-footed, 216

Borell, A. E., telephone wires fatal to sage grouse, 85; the brown thrasher in New Mexico, 259

Botaurus lentiginosus, 220

Brachyramphus hypoleucus, 25, 27

Brant, Black, 91, 221

Branta canadensis, 154, 207, 209, 210
canadensis canadensis, 95, 122
canadensis hutchinsi, 165
canadensis leucopareia, 164
canadensis minima, 165
canadensis occidentalis, 96
nigricans, 221

Bryant, Harold C., another record of the Bohemian waxwing at Grand Canyon, Arizona, 123

Bubo virginianus, 104, 208, 209
virginianus occidentalis, 60
virginianus subarcticus, 220

Budytes flavus, 37
flavus alascensis, 37

Bunting, Indigo, 86
Lark, 168
Lazuli, 168, 255, 256

Burrica, 177, 178, 180, 181, 183, 184, 187, 190, 195, 198

Bush-tit, 64, 130

Buteo borealis, 56, 122, 207, 209
borealis calurus, 79, 83, 101, 215
lagopus s. johannis, 56
regalis, 56, 207, 209
swainsoni, 221, 229

Butorides virescens anthonyi, 33

C

Cactospiza, 222

Calamospiza melanocorys, 168

Calidris canutus rufus, 217

Callipepla, 208
squamata, 207, 209, 210

Campephilus principalis, 164

Canvas-back, 122

- Capella delicata*, 36, 248
Cardinal, 123
Carpodacus, 57, 177-205
 amplus, 180, 182, 183, 187, 188, 192, 193, 195, 200, 201, 203
 californicus, 190
 cassini, 251
 erythrinus, 177
 familiaris, 189
 frontalis, 188, 190
 frontalis ruberrimus, 199
 mcgregori, 180, 182, 187, 188, 193, 200, 203
 mexicanus, 123, 187, 188, 192, 193, 220
 mexicanus altitudinis, 182, 197, 198, 203
 mexicanus centralis, 181-184, 187, 188, 195-197, 201, 203
 mexicanus clementis, 179, 180, 193, 194, 200, 203
 mexicanus coccineus, 181, 182, 189, 195-198, 203
 mexicanus frontalis, 35, 57, 164, 179, 181, 182, 188, 189, 190-193, 195, 203
 mexicanus grinnelli, 179, 180, 182, 189, 191-194, 200, 203
 mexicanus griscomi, 182, 202, 203
 mexicanus mexicanus, 178, 181-183, 188, 195, 196, 201-203
 mexicanus nigrescens, 181, 182, 194, 195, 203
 mexicanus potosinus, 181, 182, 189, 191, 194-197, 203
 mexicanus rhodocolphus, 187
 mexicanus rhodopnus, 179, 182, 183, 185, 196-200, 203
 mexicanus roseipectus, 182, 183, 185, 201-203
 mexicanus ruberrimus, 179, 182, 185, 189-191, 197, 198, 200, 203
 mexicanus sayi, 188, 189
 mexicanus smithi, 179, 181, 183, 189-191, 203
 mexicanus solitudinis, 179, 181, 189, 191-193, 199, 203
 mutans, 180, 182, 187, 188, 193, 194, 203
 obscurus, 188, 189
 purpureus californicus, 87, 190, 192
 rhodocolphus, 201
 roseipectus, 201, 202
 Carter, Frances, how does the ruby-crowned kinglet's crown work? 79; purple finches feeding on cotoneaster berries, 87
Casmerodus albus egretta, 36, 81, 122, 217
Cassidix, 229
 mexicanus, 228
 mexicanus major, 227
 mexicanus mexicanus, 217
Cathartes aura, 207, 209
Catherpes mexicanus, 122
Catoptrophorus semipalmatus inornatus, 86
Centrocercus urophasianus, 85, 99, 248
Centurus uropygialis, 122
Ceophloeus pileatus, 164
Cerorhinca monocerata, 255
Chambers, W. Lee, bibliographical notes on Dawson's birds of California, 231
Charadrius melanotos, 216
 nivosus nivosus, 125, 127, 221
 nivosus tenuirostris, 127
 semipalmatus, 125, 221
Chat, Yellow-breasted, 168
Chaulelasmus streperus, 221
Chen hyperborea, 122, 207, 209, 210
Chendytes, 153, 154
Chickadee, 250
 Short-tailed Mountain, 250
Chicken, Lesser Prairie, 51-53
Chlidonias nigra, 167
Chloroceryle americana septentrionalis, 85
Chordeiles minor, 209
Cinclus mexicanus, 168, 122
Circus hudsonius, 56, 99, 103, 207, 209
Clangula hyemalis, 69, 83, 167
Clay, C. I., white-throated sparrow coincidence and other notes, 121
Coccyzus americanus occidentalis, 157, 167, 221
Colaptes auratus auratus, 85
 cafer, 209
 cafer collaris, 30, 31, 57, 248
Colymbus, 32
 grisigena holboellii, 32
 nigricollis californicus, 36, 56, 220
 Compton, Lawrence V., and Alden H. Miller, two fossil birds from the lower Miocene of South Dakota, 153
 Cooper Ornithological Club, regular meetings, minutes of, 39, 89, 129, 174, 222
Coot, 32, 36, 61, 122, 208
 American, 99
Cormorant, Baird, 33
 Brandt, 16, 33
 Farallon, 33, 81, 99
Corthylio calendula, 79
 Calendula cineraceus, 250
Corvus brachyrhynchos, 209
 corax, 122, 209
 corax sinuatus, 99
 Cottam, Clarence, great blue heron swimming, 37
 Cowan, Ian McTaggart, the white-tailed ptarmigan of Vancouver Island, 82; black phoebe in British Columbia, 123
Cowbird, 61, 168, 219, 220
 Nevada, 251, 252
Crane, Little Brown, 131
 Sandhill, 131
Crocethia alba, 125
Crossbill, 112, 130, 162, 175
 Red, 126, 172, 173
Crow, 49, 209
Cryptoglaux acadica, 3, 208-210
 acadica acadica, 158, 257
Cuckoo, California, 157, 221
 Yellow-billed, 167
Cuculus canorus bakeri, 37

- Curlew, Hudsonian, 86
 Long-billed, 131, 167, 221
- Cushing, John E., Jr., the relation of some observations upon predation to theories of protective coloration, 100
- Cyanocephalus cyanocephalus*, 209
- Cyanocitta stelleri*, 159, 209
- Cygnus columbianus*, 93
- D**
- Dafila acuta*, 36
 acuta *tzitzioha*, 56, 57, 60, 99
- Davis, John M., more shore-birds from the Humboldt Bay region, 124
- Dawson, W. Leon, bibliographical notes on his "Birds of California," 231; portrait of, 232
- Dendragapus obscurus*, 167
- Dendroica aestiva brewsteri*, 221, 251
 auduboni auduboni, 251
 caerulescens, 168
 occidentalis, 221
 townsendi, 160, 219
- Diomedea nigripes*, 257
- Dipper, 122, 168
- Dille, Fred M., two notable records for Arizona, 85
- Dove, Mourning, 48, 49, 208
 White-winged, 255
- Dowitcher, 167
- Dryobates albolarvatus albolarvatus*, 249
 villosus hyloscopus, 249
- Duck, Lesser Scaup, 36, 122, 157, 221
 Old-squaw, 69, 70
 Pintail, 93
 Ring-necked, 36
 Ruddy, 36, 103, 107
 Wood, 130
- Duff, C. V., eastern brown thrasher banded in Hollywood Hills, California, 121
- Dyer, Ernest I., more observations on the nesting of the Allen hummingbird, 62; notice of death of, 87
- E**
- Eagle, Bald, 54-56, 122, 167, 207
 Golden, 55, 176, 207, 215
- Egret, 90
 American, 36, 81, 82, 130, 175, 217
 Brewster, 220
 Snowy, 36, 82, 130, 131
- Egretta thula*, 36
 thula brewsteri, 82, 220
- Eider, King, 69
 Pacific, 69, 70
- Elanus leucurus*, 120, 125
- Emlen, John T., Jr., and David Lack, observations on breeding behavior in tricolored red-wings, 225
- Empidonax wrightii*, 249
- Endomychura craveri*, 26-28, 121
 hypoleuca, 25-28, 121
- hypoleuca hypoleuca*, 27, 28, 121
 hypoleuca scrippsi, 28, 121
- Eonesa anaticula*, 154
- Ereunetes mauri*, 60, 125
- Erisomatura jamaicensis rubida*, 36, 58
- Euphagus cyanocephalus*, 57, 58, 60, 61, 219, 251
- Eupoda montana*, 124
- F**
- Falco columbarius*, 55
 columbarius bendirei, 125
 columbarius suckleyi, 84, 85
 mexicanus, 57, 209, 210
 peregrinus, 103
 peregrinus anatum, 57
 sparverius, 103, 168, 207, 209, 248
 sparverius peninsularis, 207
 sparverius phalaena, 207
 sparverius sparverius, 57
- Falcon, Prairie, 54-57
- Ferris, Reed, G. D. Sprot, and Mrs. M. C. Sargent, Pacific gull color banding project, 38
- Finch, Black Rosy, 34
 California Purple, 87, 192, 193
 Cassin Purple, 173, 192, 224, 251, 253
- Desert House, 191
- Dusky House, 190
- Gray-crowned Rosy, 34
- Grinnell House, 192
- Guadalupe House, 200
- Guanajuato House, 195
- Guerrero House, 202
- Hawaiian House, 194
- Hepburn Rosy, 219
- House, 123, 164, 177-205, 220
- Mexican House, 201
- Oaxaca House, 201
- Pueblo House, 188
- Purple, 164, 190
- Rosy, 218, 219, 250
- San Benito House, 200
- San Clemente House, 193
- San Lucas House, 199
- San Luis House, 195
- Scarlet-breasted House, 196
- Sierra Madre House, 197
- Sierra Nevada Rosy, 219, 252
- Sinaloa House, 197
- Tamaulipas House, 194
- Wallowa Rosy, 34
- Flicker, Mearns Gilded, 85
- Red-shafted, 3, 30, 125, 146, 209, 248, 257
- Southern, 85
- Flycatcher, Gray, 224
- Scissor-tailed, 48, 49
- Vermilion, 159
- Western, 6
- Wright, 249
- Fregata minor ridgwayi*, 216
- Friedmann, Herbert, the Amur barn swallow, a new bird for North America, 37

Fringilla frontalis, 188, 189
 haemorrhoa, 201
 mexicana, 187, 201
Fulica americana, 36, 122, 208-210
 americana americana, 56-58, 60, 61, 99

G

Gadwall, 131, 221
 Gannet, 15, 16
 Geist, Otto William, sea birds found far inland in Alaska, 68
Geospiza scandens, 222
Glaucidium gnoma pinicola, 256
 Gnatcatcher, Western, 89, 255
 Godwit, Marbled, 86, 221, 224
 Golden-eye, American, 167
 Barrow, 130
 Goldfinch, American, 168
 Goose, Cackling, 164-166
 Canada, 90, 93-97, 122, 207
 Lesser Canada, 164-166
 Lesser Snow, 165
 Snow, 90, 94, 207
 White-cheeked, 96
 White-fronted, 30, 130, 131, 165, 166
 Gordon, Kenneth, the house finch in the Willamette Valley, Oregon, 164
 Goshawk, 54, 122
 Western, 247
 Grackle, Boat-tailed, 227, 229
 Great-tailed, 217
 Granfield, William, and Richard Santee, behavior of the saw-whet owl on its nesting grounds, 3
 Grater, Russell K., new bird records for Nevada, 30; new bird records for Nevada, 121; nesting records of the red-shafted flicker from Charleston Mountain, Nevada, 125; further notes on the feeding habits of the Treganza blue heron, 217; new bird records for Clark County, Nevada, 220
 Grebe, Eared, 36, 220
 Holboell, 32
 Pied-billed, 36, 207, 220
 Western, 81, 99, 220
 Green, J. Elton, and Lee W. Arnold, an unrecognized race of murrelet on the Pacific coast of North America, 25
 Grinnell, Joseph, proposed shifts of names in *Pas-serculus*—a protest, 112; notice of death of, 174; resolutions concerning, 223
 Grinnell, J., and Frederick H. Test, geographic variation in the fork-tailed petrel, 170
 Grosbeak, Blue, 168
 Evening, 126, 168, 175
 Rose-breasted, 216
 Western Blue, 161, 162
 Grouse, Dusky, 167
 Sage, 85, 176
Grus canadensis, 208, 210
 Guiraca, 192
 caerulea, 168
 caerulea interfusa, 161

Gull, Bonaparte, 30, 40, 124, 164, 175

California, 164
 Franklin, 99, 164
 Glaucous, 219
 Glaucous-winged, 38, 219
 Herring, 175
 Ring-billed, 122, 164, 219
 Western, 33, 38, 219

Gunderson, Anita, nesting habits of the red-breasted nuthatch, 259

H

Haliaeetus, 156
 leucocephalus, 56, 122, 156, 167, 207, 209, 210
 Halloran, Arthur F., an occurrence of the arctic horned owl in western Colorado, 220
 Hand, R. L., notes on some birds nesting in northern Idaho, 84
 Hanna, Wilson C., "The Mississippi Kite in Spring," 166
 Hardy, Ross, nesting habits of the western red-tailed hawk, 79; two new bird records for Utah, 86
 Hargrave, Lyndon L., winter bird notes from Roosevelt Lake, Arizona, 121; bird bones from abandoned Indian dwellings in Arizona and Utah, 206
 Hawbecker, Albert C., red-tailed hawk as possible enemy of skunk, 83; feeding of gulls on Pismo clams, 120
 Hawk, American Rough-legged, 175
 Black Pigeon, 84, 85
 Duck, 54-57, 103, 107, 175
 Ferruginous Rough-legged, 106, 207
 Marsh, 54-57, 99, 103, 104, 107-109, 175, 207
 Pigeon, 55
 Red-tailed, 54-57, 122, 207
 Sharp-shinned, 101, 102, 207
 Sparrow, 54, 55, 57, 103, 104, 168, 172, 207, 248
 Swainson, 48, 221, 229
 Western Pigeon, 125
 Western Red-tailed, 79, 83, 101, 102, 104, 106, 108, 215, 247
 Hedymelus ludovicianus, 216
 Helmuth, William Todd, III, old-squaw and American scoter in San Diego region, 167
 Hen, Sage, 99, 248
 Heron, Anthony Green, 33
 Black-crowned Night, 36, 82, 99
 Blue, 122
 California Great Blue, 81
 Great Blue, 54, 104, 123, 172
 Louisiana, 121
 Treganza Blue, 37, 157, 217
Hesperiphona vespertina, 168
Heteroscelus incanus, 87
 Hicks, Lawrence E., note on the fifty-seventh annual meeting of American Ornithologists' Union, 222
 Hirundo erythrogaster, 37, 249
 rustica gutturalis, 37
 rustica tytleri, 37

- Howard, Hildegarde, a prehistoric record of Holboell grebe in Nevada, 32
- Howell, A. Brazier, portrait of, 261
- Huey, Laurence M., fork-tailed petrels from the coast of San Diego County, California, 215
- Hummingbird, Allen, 17-24, 62-66
 Anna, 66, 99, 130
 Black-chinned, 91
 Calliope, 248
 Costa, 92
- Hydranassa tricolor ruficollis*, 121
- Hylocichla guttata faxoni*, 123
guttata sequoienis, 250
- I**
- Ibis, White-faced Glossy, 131, 220
- Icteria virens*, 168
- Icterus bullockii*, 56, 58
parisorum, 168
- Ictinia mississippiensis*, 41
- Ingles, Lloyd G., the western mockingbird in the Sacramento Valley, 10
- Iridoprocne bicolor*, 168
- Ixobrychus exilis*, 86
exilis hesperis, 82, 220
- J**
- Jaeger, Long-tailed, 175
Parasitic, 175
Pomarine, 255
- Jay, Canada, 175
Crested, 159, 209
Long-crested, 256
Pinyon, 209
Steller, 129, 223
- Jewett, Stanley G., a rattlesnake kills a California quail, 30; Anthony green heron in the state of Washington, 33; additional notes on the black pigeon hawk, 84; a Pacific kittiwake comes inland, 170
- Johnson, R. A., notice of his "predation of gulls in murre colonies," 38
- Junco, 123, 130
Gray-headed, 211
Oregon, 211
Pink-sided, 211
Red-backed, 211
Thurber, 253
- Junco, 211, 214
aikeni, 214
caniceps caniceps, 211-214
caniceps dorsalis, 211-213
mearnsi, 211-213
oreganus, 123, 126
oreganus pinosus, 212
oreganus thurberi, 211-213, 253
- K**
- Killdeer, 36
- Kingbird, 48, 257
Cassin, 221, 222
Eastern, 168, 221
- Kingfisher, Belted, 167
Texas, 85
Western Belted, 85
- Kinglet, Golden-crowned, 176
Ruby-crowned, 79, 159
Western Golden-crowned, 159, 160
Western Ruby-crowned, 250, 251
- Kite, Mississippi, 41-53, 166
White-tailed, 120, 130, 172, 175, 224
- Kittiwake, Pacific, 170
Knot, 131
American, 217
- L**
- Lack, David, and John T. Emlen, Jr., observations on breeding behavior in tricolored redwings, 225
- Lagopus leucurus leucurus*, 82, 83
leucurus rainierensis, 82, 83
leucurus saxatilis, 82, 83
- Lanius ludovicianus*, 122, 209
ludovicianus excubitorides, 219
ludovicianus gambeli, 126, 260
- Lark, Horned, 175
- Larus*, 228
argentatus, 228
californicus, 32, 56, 57
delawarensis, 32, 122
glaucescens, 38
hyperboreus, 219
occidentalis, 32
occidentalis occidentalis, 33, 38
occidentalis wymani, 38
philadelphicus, 30, 124
pipixcan, 32, 99, 164
- Leucosticte atrata*, 34, 35
tephrocotis, 218
tephrocotis dawsoni, 34, 35, 219, 252
tephrocotis littoralis, 219
tephrocotis tephrocotis, 34, 35
tephrocotis wallowa, 34, 35
- Lewis, Harrison F., duration of colonies of the cliff swallow, 79
- Limnodromus griseus*, 167
griseus scolopaceus, 60
- Limosa fedoa*, 86, 221
- Linnet, California, 35
- Lobipes lobatus*, 37, 124, 167, 221
- Lockerie, C. W., starlings arrive in Utah, 170;
 Townsend solitaires declare ownership, 217;
 killdeer nest sites, 257
- Lophortyx californica*, 30
californica vallicola, 60
gambeli, 209
- Loxia curvirostra*, 162, 172
curvirostra benti, 162
curvirostra bendirei, 162
curvirostra grinnelli, 162
curvirostra stricklandi, 162
- Lymnocryptes minimus*, 164

M

Macaw, Red-blue-and-yellow, 208

Magpie, 120, 248

American, 250

Black-billed, 168

Mallard, 36, 93, 97, 122, 247

Man-o'-war Bird, 216

Mareca americana, 36, 57

Marshall, Joe T., Jr., territorial behavior of the flammulated screech owl, 71

Martin, E. W., notes from the Palo Alto Sports Club, 124

Martin, Purple, 176, 224

McKee, Edwin D., four species new to Grand Canyon National Park, 256

McLean, D. D., European jack snipe and Franklin gull in California, 164

Meadowlark, 61

Megaceryle alcyon, 167

Melanitta, 153

deglandi, 83, 167

Meleagris gallopavo, 208, 209

Melopelia asiatica, 255

Melospiza lincolni, 126, 254

melodia, 126

melodia fisherella, 254

Merganser, American, 131

Hooded, 175

Red-breasted, 167

Mergus, 153

Miller, Alden H., the breeding leucostictes of the Walla Walla Mountains, Oregon, 34; analysis of some hybrid populations of juncos, 211; birds of the alpine zone of Mount Shasta, California, 218; foraging dexterity of a lazuli bunting, 255

Miller, Alden H., and Lawrence V. Compton, two fossil birds from the lower Miocene of South Dakota, 153

Miller, F. W., a new bird for the Texas list, 218

Mimus, 30

polyglottos, 123

polyglottos leucopterus, 10

Mockingbird, 43, 48, 49, 123, 131

Western, 10-12, 159

Moffitt, James, notes on the distribution of sooty shearwater, white pelican, and cormorants in California, 32; notes on the distribution of herons in California, 81; notes on the distribution of whistling swan and Canada goose in California, 93; notes on the distribution of the lesser Canada goose and cackling goose in California, 164

Molothrus ater, 58, 60, 61, 168, 219

ater artemisiae, 251

Monson, Gale, some unusual Arizona and New Mexico bird records, 167

Moore, Robert T., a review of the house finches of the subgenus *Burrica*, 177.

Moran, E. C., winter robins and waxwings in Montana and western North Dakota, 120

Munro, J. A., house finch nesting in British Columbia, 220

Murrelet, Guadalupe Island Xantus, 121

Xantus, 25, 26

Myadestes townsendi, 84, 217

Myiochanes richmondii richmondii, 249

N

Nannus troglodytes pullus, 218

Neogyps errans, 156

Neophronops dakotensis, 156

Nettion carolinense, 36, 122, 207, 209, 210

Nice, Margaret Morse, notice of her "the life history of the song sparrow," 91

Nichols, Walter F., notes on shorebirds from the San Francisco Bay region, 86

Niedrach, Robert J., and Alfred M. Bailey, eastern hermit thrush in Colorado, 123; snowy plover from Colorado, 127

Nighthawk, 209

Nucifraga columbiana, 209, 219, 250

Numenius americanus, 60, 167, 221 hudsonicus, 86

Nuthatch, Red-breasted, 259

Slender-billed, 260

Nutcracker, 209

Clark, 219, 250

Nycticorax nycticorax hoactli, 36, 82, 99

Nyroca affinis, 36, 122, 221

americana, 36

collaris, 36

valisineria, 122

O

Oberholseria chlorura, 253

Oberlander, George, the history of a family of black phoebes, 133

Oceanodroma furcata, 69, 170-172

furcata furcata, 171, 216

furcata plumbea, 170, 215, 216

Oidemia americana, 167

Old-squaw, 83, 165, 175

Oporornis tolmieei, 251

Oreoscoptes montanus, 250

Oriole, Baltimore, 48, 49

Bullock, 30, 176

Scott, 168

Orr, Robert T., observations on the nesting of the Allen hummingbird, 17; the Baird sandpiper in central California, 218; fall wanderings of clapper rails, 151

Osprey, 43, 55, 167

Otocoris alpestris merrilli, 57, 58, 60, 61

Otus asio, 209, 210

asio vinaceous, 197

flammeolus, 71, 157

Owl, Arctic Horned, 220

Barn, 54, 55, 60, 104

Burrowing, 54, 55

Elf, 224

Flammulated, 71-78, 157, 262

Great Horned, 73, 74, 104

UNIV OF IDAHO
MUSCOVY

Nov., 1939

INDEX TO VOLUME XLI

- Horned, 54, 55, 60, 208
- Long-eared, 208, 248, 250
- Mexican Spotted, 158
- Rocky Mountain Pigmy, 256
- Saw-whet, 3-9, 158, 159, 208, 256, 257
- Screech, 3, 6, 74
- Short-eared, 54, 55, 90, 167, 208, 248
- Spotted, 14, 75, 77
- Oxyechus vociferus**, 36, 257
- vociferus vociferus, 57, 58
- P**
- Palaeoborus howardae**, 156
- rosatus, 155, 156
- umbrosus, 156
- Pandion haliaetus**, 167
- Paranyroca**, 154, 156
- magna, 153, 155
- Parrot**, Thick-billed, 208
- Passer domesticus**, 123
- domesticus domesticus, 58, 60
- Passerculus anthinus**, 117
- princeps, 112, 113, 115
- rostratus, 112
- rostratus atratus, 119
- rostratus guttatus, 119
- rostratus halophilus, 112, 119
- rostratus rostratus, 119
- rostratus sanctorum, 119
- sandwichensis, 58, 60, 61, 112, 113, 115, 116, 125, 257
- sandwichensis alaudinus, 86, 115, 116, 117, 119
- sandwichensis anthinus, 86, 115, 116, 117, 119
- sandwichensis anulus, 112, 119
- sandwichensis beldingi, 114, 119
- sandwichensis brooksi, 116, 119, 257
- sandwichensis brunnescens, 119
- sandwichensis bryanti, 114-116, 119
- sandwichensis crassus, 86, 114, 115, 117
- sandwichensis labradorius, 112, 113, 119
- sandwichensis nevadensis, 113, 115, 116, 119, 253
- sandwichensis oblitus, 114, 119
- sandwichensis princeps, 113
- sandwichensis sandwichensis, 86, 116, 119, 257, 258
- sandwichensis savanna, 112, 113, 115, 116, 119
- sandwichensis xanthophrys, 117
- Passerella iliaca**, 221
- iliaca fuliginosa, 33
- iliaca monoensis, 254
- Passerina amoena**, 168, 256
- cayanea, 86
- Pastor**, Rose-colored, 227
- Pastor roseus**, 227
- Pelecanus**, 15
- erythrorhynchos, 32, 36, 122
- occidentalis californicus, 13
- Pelican**, California Brown, 13, 16
- White, 32, 36, 122
- Penthestes gambeli abbreviatus**, 250
- Peterson, Roger T., great-tailed grackle breeding in New Mexico, 217
- Petrel, Fork-tailed, 69, 170, 215, 216
- Southern Fork-tailed, 170
- Petrochelidon albifrons, 79
- albifrons albifrons, 58, 60, 249
- Pewee, Western Wood, 249, 262
- Phainopepla, 122, 160, 168, 176, 257
- Phainopepla nitens, 122, 168
- nitens lepida, 160, 257
- Phalacrocorax, 16
- auritus, 122
- auritus albociliatus, 33, 99
- pelagicus resplendens, 33
- penicillatus, 33
- Phalarope, Northern, 37, 86, 124, 167, 221
- Red, 157
- Wilson, 37, 86, 124, 157, 248, 251
- Phalaropus fulicarius, 157
- Phasianus torquatus, 56-58, 61
- Phillips, John C., notice of death of, 39
- Phoebe, Black, 123, 133-151
- Say, 40, 144
- Pica pica, 168, 209, 210
- pica hudsonia, 250
- Pintail, 36, 91, 99, 157
- Pipilo fuscus, 168
- maculatus, 57
- Pipit, 218
- Piranga ludoviciana, 80
- Pisobia bairdii, 124, 125, 218
- minutilla, 37, 125, 221
- Peleagris guarauna, 220
- Plover, American Golden, 124
- Black-bellied, 121
- Golden, 257, 258
- Mountain, 124
- Pacific Golden, 258
- Piping, 216
- Semipalmated, 125, 175, 221
- Snowy, 262
- Western Snowy, 125, 127, 221
- Pluvialis dominica, 258
- dominica dominica, 124
- Podilymbus, 32
- podiceps, 36, 207, 209, 210
- podiceps podiceps, 58, 60, 220
- Polioptila caerulea amoenissima, 255
- Pooecetes gramineus, 126
- gramineus confinis, 253
- Poor-will, Dusky, 6
- Porzana carolina, 36, 58
- Potter, Laurence B., shrikes, red-wings, and the cowbird, 219
- Presbytis abavus, 154
- Protellaria furcata, 170
- Ptarmigan, White-tailed, 82
- Puffinus griseus, 32
- lherminieri subalaris, 216
- Pyrocephalus rubinus mexicanus, 159
- Pyrrhula inornata, 192, 193

Q

- Quail, California, 30
 Gambel, 129
 Scaled, 207, 208
Querquedula cyanoptera, 36, 84
 discors, 121

R

- Rail, California Clapper, 130, 151, 152
 Sora, 36
 Virginia, 91, 248
Rallus limicola, 248
 limicola limicola, 58
 obsoletus, 151
 Raven, 122
 American, 99, 209
 White-necked, 43, 48, 49
Recurvirostra americana, 37, 124, 125
 Redhead, 35, 36
 Red-wing, 225
 Eastern, 244
 Giant, 244, 246
 Nevada, 251
 Tricolored, 40, 225-230
Regulus satrapa olivaceus, 159
 Rett, Egmont Z., the glaucous gull at Santa Barbara, California, 219
Rhynchositta pachyrhyncha, 208-210
 Richardson, Frank, functional aspects of the pneumatic system of the California Brown Pelican, 13
Richmondena cardinalis, 123
Riparia riparia, 168
Rissa tridactyla pollicaris, 170
 Ritter, William E., notice of his "the California woodpecker and I," 39
 Road-runner, 40, 88, 89, 222
 Robin, 30, 120, 123, 131, 175, 257, 258
 Western, 84, 146, 250
Romainvillia, 154, 156
 Rough-leg, American, 54-56
 Ferruginous, 54, 56
 Rowley, J. Stuart, breeding birds of Mono County, California, 247

S

- Salpinctes obsoletus*, 122, 219
 obsoletus obsoletus, 57
 Sanderling, 120, 124, 125
 Sandpiper, Baird, 124, 125, 218
 Least, 37, 122, 125, 157
 Solitary, 37, 157
 Spotted, 37, 125, 130, 248
 Western, 86, 125
 Santee, Richard, and William Granfield, behavior of the saw-whet owl on its nesting grounds, 3
 Sapsucker, 248
 Sierra Red-breasted, 248
 Williamson, 248
Sarcogyps, 156
 Sargent, Mrs. M. C., Reed Ferris and G. D. Sprot, Pacific gull color banding project, 38
Sayornis nigricans, 133
 nigricans nigricans, 123
 saya, 144
 Scoter, American, 167
 Surf, 167
 White-winged, 83
 Screamer, 16
 Sefton, J. W., Jr., old-squaw taken at San Diego, California, 83
Seiurus noveboracensis, 168
 noveboracensis notabilis, 161
Selasphorus alleni, 17, 62
 Serventy, D. L., migration records at sea, 257
 Shearwater, Galapagos, 216
 Sooty, 32, 131
 Shoveller, 36, 91, 122
 Shrike, California, 126, 260
 Loggerhead, 209
 White-rumped, 48, 219, 220
Sialia currucoides, 57, 61, 84, 172, 219, 250
 mexicana anabelae, 221
 Sibley, Charles, fossil fringillids from Rancho La Brea, 126; chipping sparrow in the Rancho La Brea, 258
 Siskin, Northern Pine, 252
 Pine, 126, 173
Sitta canadensis, 259
 carolinensis aculeata, 260
 Smith, Ronald W., Galapagos shearwaters killed by man-o'-war birds, 216
 Snipe, European Jack, 164
 Wilson, 36, 164, 248
 Solitaire, Townsend, 84, 89, 175, 176, 217, 218
 Somateria spectabilis, 69
 v-nigra, 69
 Sparrow, Abreojos Large-billed, 119
 Alaskan Savannah, 86
 Aleutian Savannah, 119
 Belding Savannah, 119
 Black-chinned, 127
 Brewer, 126, 253
 Bryant Savannah, 119
 Bryant's Marsh, 115
 Canadian Savannah, 119
 Chipping, 6, 84, 127, 258
 Desert, 127
 Dwarf Savannah, 119
 Eastern Savannah, 119
 English, 120, 123, 174, 224
 Fox, 126, 221
 Gambel, 123, 163
 Gambel White-crowned, 129
 Golden-crowned, 107, 121, 257, 260
 Harris, 162
 House, 169
 Ipswich, 112, 119
 Kodiak Savannah, 119
 Labrador Savannah, 119
 Lark, 48

- Lincoln, 40, 130, 254
 Mexican Savannah, 119
 Modoc Song, 254
 Mono Fox, 254
 Nevada Savannah, 119, 253
 Nuttall, 260
 Rufous-crowned, 131
 Sage, 127
 Samuels Song, 129
 San Benito Island Large-billed, 119
 San Diego Large-billed, 119
 San Lucas Large-billed, 119
 Savannah, 112, 114-117, 119, 125, 129, 175, 257, 258
 Scammon Lagoon Savannah, 119
 Song, 175
 Sonora Large-billed, 119
 Sooty Fox, 33
 Tree, 168
 Western Chipping, 253
 Western Savannah, 119
 Western Tree, 256
 Western Vesper, 253
 White-crowned, 102, 107, 146, 253, 254
 White-throated, 90, 91, 121
 Spatula clypeata, 36, 122
 Spermophila, 192
Sphyrapicus thyroideus, 248
 varius daggetti, 248
 Spinus, 126, 259
 lawrencei, 126
 pinus, 126, 127, 259
 pinus pinus, 252
 psaltria, 126
 tristis, 126, 127, 168, 259
 Spizella, 58, 126, 127, 258
 arborea, 127, 168
 arborea ochracea, 256
 atrogularis, 127, 258
 breweri, 127, 253
 breweri breweri, 58
 pallida, 127
 passerina, 127, 258, 259
 passerina arizonae, 253
 pusilla, 127
 wortheni, 127
 Spoonbill, Roseate, 223
 Sprot, G. D., Reed Ferris, and Mrs. M. C. Sargent,
 Pacific gull color banding project, 38
 Squatarola squatarola, 121
 Starling, 170, 174
 Steganopus tricolor, 37, 60, 86, 124, 248
 Stellula calliope, 248
 Stephens, T. C., portrait of, 128
 Stercorarius pomarinus, 255
 Sterna antillarum, 30
 caspia, 124
 hirundo, 255
 Stoner, Emerson A., linnet nests in hole in tree, 35;
 a motive for killing a white-tailed kite, 120;
 butcher-bird butchers toad, 126; mountain
 bluebirds hovering, 172; western red-tailed hawk nests on high voltage tower, 215; the western gnatcatcher as a nest mover, 255; some "butcher-bird" activities of the California shrike, 260
Strix occidentalis lucida, 158
Sturnella neglecta, 57, 60, 61
Sturnus vulgaris, 170
 Sula, 15
 leucogaster, 14
 sula, 216
 Surf-bird, 121
 Sutton, George Miksch, th. Mississippi kite in spring, 41
 Swallow, Amur Barn, 37
 Bank, 168
 Barn, 249
 Cliff, 79, 175, 222, 249
 Tree, 168, 175
 Violet-green, 249
 Swan, Whistling, 91, 93-96, 131
 Swift, Black, 224
- T**
- Taber, F. Wallace, observations on the reproductive behavior of great blue herons, 172
Tachycineta thalassina lepida, 249
 Tanager, Western, 80
 Tattler, Wandering, 87
 Taverner, P. A., the red-winged blackbirds of the Canadian prairie provinces, 244
 Teal, Blue-winged, 121
 Cinnamon, 36, 84
 Green-winged, 36, 91, 122, 131, 207
Telmatodytes palustris plesius, 58, 61
 Tern, Arctic, 175
 Black, 167
 Caspian, 124
 Common, 255
 Forster, 30, 128
 Least, 30, 224
 Royal, 131
 Test, Frederick H., the form and pigmentation of a supernumerary secondary of a flicker, 30
 Test, Frederick H., and J. Grinnell, geographic variation in the fork-tailed petrel, 170
Thalassidroma furcata, 170
 plumbea, 171
 Thrasher, Bendire, 159
 Brown, 259
 California, 30, 67
 Crissal, 123
 Eastern Brown, 121
 Palmer, 123
 Sage, 159, 250
 Thrush, Eastern Hermit, 123
 Gray-cheeked, 175
 Hermit, 88
 Sierra Hermit, 250
 Varied, 91
Totanus flavipes, 87, 125
melanoleucus, 221

- Towhee, Brown, 64, 126, 146, 168
 Green-tailed, 253
 Spotted, 6, 88, 131, 146
- Toxostoma bendirei, 159
 curvirostre, 123
 dorsale, 123
 redivivum, 30
 rufum, 121, 259
 rufum longicauda, 259
- Tringa solitaria, 37
- Troglodytes aedon parkmanii, 250
- Trogon, Coppery-tailed, 223
- Tropic-bird, 16
- Turdus migratorius, 120, 123, 209, 257
 migratorius propinquus, 84, 250
- Turkey, 208
- Tympanuchus pallidicinctus, 53
- Tyrannus dominicensis, 123
 melancholicus chloronotus, 123
 tyrranus, 168, 221
 verticalis, 221
 vociferans, 221
- Tyto alba pratincola, 58, 60
- V
- Van Tyne, Josselyn, notice of appointment as editor of Wilson Bulletin, 128
- Verdin, 123
- Vermivora celata lutescens, 258
 luciae, 161
- Vestal, Elden H., adult lamprey eaten by a great blue heron, 123
- Vireo, 57
- Vulture, Turkey, 55, 207
- W
- Wagtail, Yellow, 37
- Warbler, Audubon, 251
 Black-throated Blue, 168
 Black-throated Gray, 175
 California Yellow, 221, 251
 Golden Pileolated, 251, 252
 Lucy, 161
 Lutescent, 258
 Hermit, 221, 224
 Tolmie, 251
 Townsend, 40, 160, 219
- Water-thrush, 168
 Grinnell, 161
- Waxwing, Bohemian, 120, 123, 217, 218, 221
 Cedar, 123, 168
- Webb, William G., waterfowl at Deep Springs Valley, Inyo County, California, 35; another record of the rose-breasted grosbeak in California, 216
- Wetmore, Alexander, a Pleistocene egg from Nevada, 98
- Widgeon, 157
 European, 91
- Wiggins, Ira L., and Bruce L. Wiggins, an unusual nesting site of the western tanager, 80
- Wilsonia pusilla chryseola, 251
- Willet, Western, 86
- Willett, G., another specimen of sooty fox sparrow from southern California, 33; remarks on Alaskan Savannah sparrows, 86; Guadalupe Island Xantus murrelet in California waters, 121; July records from San Pedro, California, 255
- Wing, Leonard, and Anne Hinshaw Wing, food consumption of a sparrow hawk, 168
- Wistar, Isaac Jones, notice of autobiography of, 129
- Woodbury, Angus M., bird records from Utah and Arizona, 157
- Woodpecker, Cabanis, 249
 California, 35, 89
 Downy, 175
 Gila, 122
 Ivory-billed, 164
 Northern White-headed, 249
 Pileated, 164
- Woods, Robert S., the California thrasher as a mimic, 30
- Wren, Cactus, 224
 Canyon, 122
 Marsh, 61
 Rock, 122, 219
 Vigors, 4, 129
 Western House, 250
 Winter, 218
- X
- Xanthocephalus xanthocephalus, 57, 58, 60, 228, 229
- Y
- Yellow-legs, Greater, 221
 Lesser, 87, 125
- Z
- Zenaidura macroura, 208, 209
 macroura marginella, 57
- Zonotrichia albicollis, 121
 coronata, 257, 260
 leucophrys gambeli, 123
 leucophrys leucophrys, 253
 leucophrys nuttalli, 260
 querula, 162