

## INDEX FOR VOLUME XLII, 1930

Compiled by R. D. Hissong

- Ainslie, C. N., The economic importance of birds as insect predators, 193-197
- Alexander, F. M., Notes on the birds of south central Kansas, 241-244
- Baerg, W. J., Bird migration records in northwest Arkansas, 45-50  
 —The Starling in northwestern Arkansas, 66
- Ball, William Howard, Concerning a young Snowy Egret in Maryland, 133
- Bird, R. D., The Starling in Oklahoma, 66-67
- Breckinridge, W. J., Two notable Minnesota duck records, 59
- Brooks, Maurice G., Notes on the birds of Cranberry Glades, Pocahontas County, West Virginia, 245-252
- Burns, Frank L., A letter from Robert Ridgway, 109-110
- Cahn, Alvin R., Additions to the Easter birds of Little Egypt, 214-215
- Campbell, Louis W., Common Terns nesting near Toledo, Ohio, 107-108  
 —Unusual nesting sites of the Prothonotary Warbler, 292
- Christy, Bayard H., The Evening Grosbeak nesting in northern Michigan, 217
- Clarke, Mrs. J. Frederick, A Robin roost close to a home, 291
- Clay, Marcia B., Some bird notes from Trumbull County, Ohio, 63
- Coffin, Mrs. Lucy Baxter, American Egret and Little Blue Heron in the Lake Michigan dunes of Indiana, 291
- Cookman, Alfred, Birds noted on a visit to Santa Cruz Island, California, 64-65
- Eastwood, Sidney K., The Northern Pileated Woodpecker in Westmoreland County, Pennsylvania, 54
- Editorial, 51-53, 131-132, 211, 286-288
- Eifrig, G., Seasonal changes in a bird habitat in Texas, 239-240
- Errington, Paul L., Territory disputes of three pairs of Marsh Hawks, 237-239  
 —Behavior of Bob-whites upon the approach of a Marsh Hawk, 294
- Fargo, William G., Canada Geese review a parade of ducks, 137-138
- Fitzpatrick, F. L., Recent bird records from northeastern Colorado and their significance in connection with geographical distribution, 122-130
- Force, Edith R. and W. H. Koons, Some new birds for Oklahoma from Okmulgee and Tulsa Counties, 118-121
- Ganier, Albert F., Breeding of the Least Tern on the Mississippi River, 103-107
- Gilmore, Mr. and Mrs. A. E., The Starling in Tulsa County, Oklahoma, 66  
 —The Red-shafted Flicker in Tulsa County, Oklahoma, 133
- Green, Wyman R., Chimney Swift banding operations at Chattanooga, 110-118
- Hagar, Mrs. Jack, An odd nesting site of the Bluebird, 290
- Hoffman, E. C., The relation between the Blue Jay and the pin oak, 55-56  
 —A Phoebe nest in an abandoned house, 134
- Holcombe, C. E., Notes on the nesting habits of Bluebirds, 215-217
- Holland, H. M., Snowy Egrets in Des Moines County, Iowa, 289
- Holt, Ernest G., Nesting of the Sandhill Crane in Florida, 163-183
- Jones, Lynds, The sequence of the molt, 97-102
- Kemsies, Emerson, Birds of the Yellowstone Park with some recent additions, 198-210
- Lambert, Earl L., The Starling in Hancock County, Illinois, 67  
 —A Burrowing Owl record for Hancock County, Illinois, 213  
 —Nesting of the Starling in Hancock County, Illinois, 213
- Larson, Adrian, Summer Occurrences of the Harris's Sparrow in South Dakota, 54  
 —The Pine Grosbeak in South Dakota, 213
- Leopold, Aldo, The decline of the Jacksnipe in southern Wisconsin, 183-190
- Lewis, Walter E., Water birds in a dry land, 36-44
- Lowery, George, The Starling in northern Louisiana, 213
- Lyon, W. I., Brewer's Blackbird nesting in Illinois, 214
- McNiel, Charles A., The Starling in Pettis County, Missouri, 66

- Malcomson, R. O., The Lark Sparrow nesting in Schuyler County, Illinois, 135
- Manuel, C. G., Larine Succession on Lone Tree Island, 236
- Miller, Lyle, The Chestnut-sided and other warblers nesting in Geauga County, Ohio, 56-57
- Moseley, E. L., Fluctuation of bird life with change of water level, 191-193  
—Abundance of the Golden Plover in Ohio in 1930, 202
- Mounds, Beryl T., Some unusual spring records for Bibb County, Georgia, 61-62
- Nauman, E. D., The Mockingbird breeds in Iowa, 57-59  
—Some odd nesting sites of the House Wren, 62-63  
—Intimate nestings of the Brown Thrasher, 137  
—The nesting habits of the Baltimore Oriole, 295-296
- Neff, Johnson A., The Starling in the Missouri Ozarks, 66
- Nice, Margaret M., Observations at a nest of Myrtle Warblers, 60-61  
—Experiences with Song Sparrows in 1929, 219-220
- Nicholson, Donald J., Habits of the Florida Red-shouldered Hawk, 32-35  
—Some random bird notes from Florida, 218-219
- Over, W. H. and G. M. Clement, Nesting of the White-winged Junco in the Black Hills of South Dakota, 28-31
- Perkins, Samuel Elliott, III, The mating of the Brown Thrasher, 221  
—Notes on the Wild Turkey in Indiana, 233-235
- Pershing, Henry A., Banditry among birds, 55
- Pickens, A. L. Unsolved problems concerning upper South Carolina birds, 54
- Pierce, Fred J., Birds of Buchanan County, Iowa, 253-285
- Proceedings of the Wilson Ornithological Club, 68-80
- Proceedings of the 1930 joint meeting of the N. O. U. and I. O. U. at Omaha, 224
- Rapp, F. W., The Starling in Kalamazoo County, Michigan, 67
- Roads, Katie M., An unusual number of wintering birds at Hillsboro, Ohio, 211
- Sanborn, Herbert C., Albinism in the Red-tailed Hawk, 220
- Schorger, A. W., Lesser Snow Geese at Fox Lake, Wisconsin, 213
- Sherman, Althea R., The old ornithology and the new, 3-10
- Spiker, Chas. J., A Starling killed by lightning, 289
- Stacker, Margaret, The Cardinal's love for home, 293
- Stevens, O. A., Migration records for North Dakota, 215  
—A partial albino junco, 289  
—Peripheral lag in migration, 290
- Swenk, Myron H., The Crown Sparrows (*Zonotrichia*) of the Middle West, 81-95  
—The Rose-breasted and Black-headed Grosbeaks hybridize, 289
- Sutton, George Miksch, The nesting wrens of Brooke County, West Virginia, 10-17  
—Four eggs in the nest of a Mourning Dove, 54
- Taber, William Brewster, Jr., The fall migration of Mourning Doves, 17-28
- Van Tyne, Josselyn, Status of Gambel's Sparrow in Michigan, 95-97  
—The Barro Colorado Laboratory as a station for ornithological research, 225-232
- Walkinshaw, Lawrence H., A young Pied-billed Grebe on land, 56  
—Crossbills in Michigan, 134  
—Upland Plover in Calhoun County, Michigan, 290
- Watterson, William H., The fall migration at Cleveland Public Square, 135-137
- Willis, Warren J., Early Robins on Long Island, 133
- Wing, Leonard W., George S., Harold F., and Maurice, A nesting census in Jackson County, Michigan, 63-64
- Youngworth, William, Prairie birds seek the shade, 55  
—Breeding of the Least Tern in Iowa, 102-103  
—The Olive-sided Flycatcher in Iowa, 133  
—A flicker migration in Iowa, 213-214

- Acanthis linaria*, 207, 275  
*Accipiter cooperi*, 126, 204, 246, 268  
     *velox*, 125, 204, 215, 246, 267  
*Actitis macularia*, 125, 203, 246, 264  
*Aechmophorus occidentalis*, 65, 201  
*Aeronautes melanoleucus*, 205  
*Agelaius phoeniceus fortis*, 206  
     *p. phoeniceus*, 127, 249, 274  
*Aix sponsa*, 202, 259  
*Ammodramus savannarum australis*, 120, 276  
     *s. bimaculatus*, 128, 199, 207  
*Ammospiza nelsoni*, 299  
*Anas platyrhynchos*, 38, 123, 201, 215, 258  
     *rubripes*, 258  
*Anhinga anhinga*, 215, 240  
*Anser albifrons gambeli*, 40  
*Anthbird*, 230  
*Anthus rubescens*, 282  
     *spraguei*, 199, 209  
*Antrostomus v. vociferus*, 247, 271  
*Aphelocoma insularis*, 65  
*Aquila chrysaetos*, 204, 268  
*Archaepteryx*, 297  
*Archaeornis*, 297  
*Archibuteo ferrugineus*, 204, 268  
     *lagopus sancti-johannis*, 204, 215, 268  
*Archilochus colubris*, 248, 272  
*Ardea h. herodias*, 41, 65, 119, 124, 260  
     *h. treganzai*, 202  
     *h. wardi*, 119  
*Arenaria interpres morinella*, 203  
*Asio flammeus*, 204, 270  
     *otus wilsonianus*, 204  
     *wilsonianus*, 126, 269  
*Astragalinus p. psaltria*, 128  
     *t. tristis*, 249, 275  
     *t. pallidus*, 207  
*Astur atricapillus striatulus*, 204  
*Asyndesmus lewisi*, 126, 205  
*Avocet*, 42, 125, 242  
     *American*, 203  
*Baeolophus bicolor*, 252, 283  
*Baldpate*, 39, 59, 137, 201  
*Banding Birds*, 18-25, 78, 79, 108-118, 144, 298  
*Bartramia longicauda*, 43, 264, 290  
*Bittern, American*, 41, 46, 64, 124, 193, 215, 242, 260  
     *Least*, 222, 260  
*Blackbird*, 197, 244, 291  
     *Brewer's*, 128, 200, 206, 214  
     *Redwinged*, 50, 55, 61, 64, 127, 164, 244, 249, 274  
     *Rio Grande Red-wing*, 240  
     *Rusty*, 47, 214, 244, 274  
     *Thick-billed Red-wing*, 206  
     *Yellow-headed*, 127, 206, 244, 274  
*Bluebill*, 241  
*Bluebird*, 50, 64, 214, 215-217, 244, 252, 285, 290  
     *Mountain*, 77, 130, 210  
     *Western*, 71, 210  
*Bobolink*, 46, 61, 64, 78, 97, 206, 249, 273  
*Bob-white*, 64, 125, 130, 144, 242, 246, 265, 294  
*Bombycilla cedrorum*, 209, 250, 279  
     *garrula*, 209, 279  
*Bonasa umbellus umbelloides*, 204  
     *u. umbellus*, 246, 266  
*Botaurus lentiginosus*, 41, 124, 215, 260  
*Brant, Black*, 41  
*Branta c. canadensis*, 40, 124, 202, 215, 259  
     *c. hutchinsi*, 202  
     *nigricans*, 41  
*Bubo virginianus occidentalis*, 205  
     *v. virginianus*, 247, 270  
*Bufflehead*, 40, 202, 241, 259  
*Bunting, Indigo*, 48, 50, 64, 244, 250, 278  
     *Lark*, 55, 129, 208  
     *Lazuli*, 128, 208  
     *Painted*, 244  
     *Snow*, 207, 276  
*Bush-tit, Coast*, 66  
*Buteo b. borealis*, 220, 246, 268  
     *b. calurus*, 65, 126, 204  
     *b. krideri*, 119, 126  
     *l. lineatus*, 246, 268  
     *p. platypterus*, 247, 268  
     *swainsoni*, 204, 268  
*Butorides virescens*, 261  
*Buzzard, Turkey*, 231  
*Calamospiza melanocorys*, 55, 129, 208  
*Calcarius lapponicus alascensis*, 207  
     *l. lapponicus*, 276  
     *ornatus*, 55  
*Canachites franklini*, 203  
*Canvasback*, 39, 123, 137, 202, 241, 256, 259  
*Capella gallinago delicata*, 215  
*Caracara, Audubon's*, 35, 164  
*Cardinal*, 63, 70, 71, 134, 164, 244, 249, 278, 291, 293  
*Cardinalis cardinalis*, 63, 249, 278  
*Carpodacus cassini*, 207  
     *mexicanus clementis*, 65  
     *m. frontalis*, 128  
     *p. purpureus*, 249, 275  
*Casmerodius egretta*, 291  
*Cat Trap*, 143  
*Catbird*, 7, 49, 64, 97, 129, 136, 209, 244, 252, 282  
*Cathartes aura septentrionalis*, 125, 246  
*Catoptrophorus semipalmatus inornatus*, 43, 125, 203, 264  
*Centrocerus urophasianus*, 204  
*Centurus carolinus*, 247, 271

- Cerchneis sparveria phalaena*, 204  
*s. sparveria*, 126, 247, 269  
*Certhia familiaris americana*, 283  
*f. montana*, 210  
*Ceryle a. alcyon*, 65, 126, 205, 247, 271  
*Chaetura pelagica*, 110, 247, 272  
*Charadrius nivosus*, 44  
*semipalmatus*, 265  
*Charitonetta albeola*, 40, 202, 259  
 Chat, Yellow-breasted, 49, 57, 77, 251  
*Chaulelasmus streperus*, 123, 201  
*Chen h. hyperboreus*, 40, 202, 213, 259  
*Chickadee*, 71, 134, 144, 215, 252, 283  
     Black-capped, 64, 244  
     Carolina, 252  
     Hudsonian, 218  
     Long-tailed, 129, 210  
     Mountain, 210  
*Chicken*, Prairie, 64, 242, 266, 285  
*Chlidonias nigra surinamensis*, 37, 123, 201, 257  
*Chondestes grammacus*, 135, 276  
*g. strigatus*, 65, 128, 207  
*Chordeiles virginianus henryi*, 126  
*v. hesperis*, 205  
*v. virginianus*, 247, 272  
*Chuck-will's-widow*, 46  
*Cinclus mexicanus unicolor*, 129, 209  
*Circus hudsonius*, 125, 204, 246, 267  
*Cistothorus stellaris*, 283  
*Coccyzus a. americanus*, 126, 247, 271  
*erythrophthalmus*, 271  
*Cockatoo*, 17  
*Colaptes auratus luteus*, 213, 247, 271  
*cafer collaris*, 65, 126, 133, 205  
*Colinus v. virginianus*, 125, 246, 265  
*Columba f. fasciata*, 125  
*Colymbus auritus*, 201, 256  
*holboelli*, 256  
*nigricollis californicus*, 37, 65, 123, 201  
*Compothlypis americana pusilla*, 280  
*Coot*, American, 42, 59, 76, 124, 164, 191, 192, 203, 215, 240, 256, 262  
*Cormorant*, 79  
     Brandt's, 65  
     Double-crested, 76, 140, 215, 257  
     Farallon, 65  
     Mexican, 240  
     White-crested, 71  
*Corvus brachyrhynchos*, 249, 273  
*b. hesperis*, 127, 206  
*corax principalis*, 248  
*c. sinuatus*, 65, 206  
*Coturnicops noveboracensis*, 262  
*Cowbirds*, 7, 46, 64, 71, 97, 101, 127, 206, 244, 249, 273, 296  
*Crane*, Little Brown, 203  
     Sandhill, 41, 124, 163-183, 203, 242, 261  
     Whooping, 41, 198, 203  
*Creciscus jamaicensis*, 42, 62  
*Creeper*, Brown, 7, 49, 134, 283  
     Rocky Mountain, 210  
*Crossbill*, American, 207, 275  
     Red, 133  
     White-winged, 134, 207  
*Crow*, 64, 71, 243, 244, 249, 273  
     Canada, 71  
     Fish, 164  
     Florida, 35  
     Western, 127, 130, 206  
*Cuckoo*, 6  
     Black-billed, 46, 64, 271  
     Yellow-billed, 46, 64, 126, 130, 239, 247, 271  
*Curlew*, 242  
     Hudsonian, 246  
     Long-billed, 43, 125, 203  
*Cyanocephalus cyanocephalus*, 127, 206  
*Cyanocitta c. cristata*, 55, 127, 214, 248, 273  
     *stelleri annectens*, 206  
     *s. diademata*, 127  
*Cygnus columbianus*, 260  
*Dafila acuta tztizhoa*, 39, 123, 202, 259  
*Dendragapus obscurus richardsoni*, 203  
*Dendrocygna fulva*, 59  
*Dendrocygna a. aestiva*, 56, 129, 209, 250, 280  
     *auduboni*, 129, 209  
     *caerulescens*, 280  
     *caerulescens cairnsi*, 250  
     *castanea*, 281  
     *cerulea*, 56, 280  
     *coronata*, 60, 280  
     *c. hooveri*, 209  
     *dominica albilora*, 215  
     *fusca*, 251, 281  
     *magnolia*, 120, 251, 280  
     *p. palmarum*, 281  
     *pennsylvanica*, 56, 251, 281  
     *striata*, 281  
     *tigrina*, 280  
     *townsendi*, 209  
     *v. vigorsii*, 281  
     *virens*, 251, 281  
*Dickcissel*, 4, 48, 244, 278  
*Dipper*, 129, 209  
*Dolichonyx oryzivorus*, 99, 206, 249, 273  
*Dove*, 71  
     Cassin, 231  
     Mourning, 17-28, 50, 53, 54, 64, 80, 97, 102, 214, 242, 267  
     Western Mourning, 55, 65, 125, 204

- Dowitcher, Long-billed, 42
- Dryobates pubescens homorus, 205  
 p. medianus, 247, 271  
 villosus monticola, 205  
 v. villosus, 247, 271
- Duck, 234, 285  
 Black, 137, 193, 258  
 Florida, 164  
 Fulvous Tree, 59  
 Lesser Scaup, 39, 59, 76, 124, 164, 202, 218, 219  
 Pacific Harlequin, 202  
 Red-legged Black, 193  
 Ruddy, 202, 240  
 Scaup, 137, 202, 240, 256, 259  
 Wood, 71, 105, 193, 202, 259
- Dumetella carolinensis, 129, 209, 252, 282
- Eagle, 36, 242  
 Bald, 65, 164, 204, 268  
 Golden, 71, 79, 204, 242, 268  
 Harpy, 71
- Economic value of birds, 37, 39, 80, 193-197, 244
- Ectopistes migratorius, 267
- Egret, 50  
 American, 193, 291  
 Snowy, 79, 133, 289
- Egretta c. candidissima, 133, 289
- Eider, King, 71  
 Pacific, 71
- Elanoides forficatus, 267
- Empidonax d. difficilis, 65, 206  
 flaviventris, 273  
 hammondi, 127, 206  
 minimus, 87, 248, 273  
 trailli alnorum, 248  
 t. trailli, 87, 206, 273  
 virescens, 248  
 wrighti, 206
- Ereunetes pusillus, 43, 264
- Erismatura jamaicensis, 202
- Euphagus carolinus, 214, 274  
 cyanocephalus, 128, 206, 214
- Falco columbarius, 204, 269  
 mexicanus, 126, 204  
 peregrinus anatum, 204
- Falcon, Prairie, 71, 126, 204, 243
- Finch, Black Rosy, 207  
 Cassin's Purple, 207  
 Gray-crowned Rosy, 207  
 Guadalupe House, 70  
 Hepburn's Rosy, 207  
 House, 128, 130  
 Purple, 47, 50, 249, 275  
 San Clemente House, 65
- Flicker, 164, 243  
 Northern, 64, 213, 247, 271  
 Red-shafted, 65, 126, 133, 205
- Florida caerulea, 41, 133, 291
- Flycatcher, 229, 249  
 Acadian, 46, 248  
 Alder, 248  
 Ash-throated, 65  
 Crested, 46, 64, 97, 248, 272  
 Hammond's, 127, 206  
 Least, 46, 64, 87, 136, 248, 273  
 Olive-sided, 133, 206, 248, 272  
 Scissor-tailed, 239, 243  
 Trail's, 87, 206, 273  
 Tyrant, 230  
 Western, 65, 206  
 Wright's, 206  
 Yellow-bellied, 273
- Fulica americana, 42, 124, 203, 215, 262
- Gadwall, 123, 193, 201
- Gallinago delicata, 42, 63, 125, 183-190, 203, 215, 263
- Gallinula chloropus cachinnans, 262
- Gallinule, 192, 230  
 Florida, 240, 262  
 Purple, 61, 230, 240
- Gavia immer, 201, 257  
 pacifica, 65  
 stellata, 199, 201
- Geothlypis t. trichas, 57, 251, 281  
 t. occidentalis, 209
- Glaucidium gnoma pinicola, 205
- Glaucionetta clangula americana, 39, 202  
 islandica, 202
- Gnatcatcher, Blue-gray, 49, 50, 244, 252, 284
- Godwit, Marbled, 125, 199, 203
- Golden-eye, 76, 241  
 American, 39, 202  
 Barrow's, 202
- Goldfinch, 50, 64, 249, 275  
 American, 244  
 Arkansas, 128  
 Pale, 207
- Goose, 285  
 Canada, 40, 124, 137, 202, 215, 241, 259  
 Grey, 71  
 Hutchins's, 202  
 Lesser Snow, 40, 76, 202, 213  
 Snow, 241  
 White-fronted, 40
- Goshawk, Western, 204
- Grackle, 55  
 Boat-tailed, 164  
 Bronzed, 7, 50, 64, 97-100, 128, 130, 215, 244, 249, 275  
 Great-tailed, 240

- Grebe, 71  
 Eared, 37, 65, 79, 123, 201  
 Holboell's, 79, 256  
 Horned, 71, 201, 241, 256  
 Mexican, 240  
 Pied-billed, 37, 56, 79, 123, 164, 193, 201, 240, 241, 256  
 Western, 65, 79, 201
- Grosbeak, Black-headed, 71, 128, 208, 289  
 Blue, 47, 244  
 Evening, 217, 270, 275  
 Pine, 213  
 Rocky Mountain Pine, 207  
 Rose-breasted, 5, 47, 64, 144, 244, 249, 250, 278, 289  
 Western Evening, 207
- Grouse, Columbian Sharp-tailed, 204  
 Franklin's, 203  
 Gray Ruffed, 97, 102, 204  
 Richardson's, 203  
 Ruffed, 60, 134, 246, 266
- Grus americana, 41, 124, 203  
 canadensis, 203  
 mexicana, 41, 163-183, 203, 261
- Gull, 79  
 Bonaparte's, 123, 201, 218, 236  
 California, 199, 201, 300  
 Franklin's, 37, 241, 257  
 Heermann's, 65  
 Herring, 37, 136, 218, 236, 241  
 Laughing, 218, 240  
 Ring-billed, 37, 123, 201, 218  
 Western, 65
- Haematopus bachmani, 65
- Haliaeetus leucocephalus, 65, 204, 268
- Hawk, 143, 249  
 Broad-winged, 247, 268  
 Cooper's, 126, 204, 243, 246, 268  
 Desert Sparrow, 204  
 Duck, 71, 76, 204  
 Ferruginous Rough-leg, 204, 268  
 Fish, 204  
 Florida Red-shouldered, 32-35  
 Krider's, 119, 126  
 Marsh, 64, 125, 192, 204, 237-239, 243, 246, 267, 294  
 Pigeon, 204, 269  
 Red-shouldered, 32, 61, 64, 164, 222, 246, 268  
 Red-tailed, 220, 246, 268  
 Rough-legged, 204, 215, 243, 268  
 Sharp-shinned, 46, 125, 204, 215, 243, 246, 267  
 Sparrow, 9, 10, 126, 136, 164, 243, 247, 269  
 Swainson's, 204, 243, 268  
 Western Red-tailed, 65, 126, 204
- Hedymeles ludovicianus, 250, 278, 289  
 melanocephalus, 128, 208, 289
- Helmitheros vermivorus, 250
- Hen, Heath, 80, 131  
 Sage, 204
- Heron, 164, 230  
 Black-crowned Night, 41, 80, 124, 202, 215, 240, 242, 261  
 Great Blue, 41, 46, 50, 65, 105, 119, 124, 193, 202, 242, 260, 291  
 Great White, 71, 133  
 Green, 46, 64, 261, 291  
 Little Blue, 41, 61, 79, 105, 133, 164, 240, 291  
 Little Green, 61, 240, 242  
 Louisiana, 164, 240  
 Ward's, 164, 168, 240  
 Yellow-crowned Night, 242
- Hesperornis, 297
- Hesperiphona vespertina montana, 207  
 v. vespertina, 217, 275
- Heteractitis incanus, 65
- Himantopus mexicanus, 262
- Hirundo erythrogastra, 208, 279
- Histrionicus histrionicus pacificus, 202
- Hummingbird, 51, 71, 76, 79  
 Allen's, 65  
 Broad-tailed, 205  
 Calliope, 205  
 Costa, 70  
 Ruby-throated, 46, 64, 243, 248, 272  
 Rufus, 70, 205
- Mylocichla a. aliciae, 284  
 f. fuscescens, 252, 284  
 f. salicicolus, 210  
 guttata auduboni, 200, 210  
 g. pallasii, 252, 284  
 minima aliciae, 121  
 mustelina, 252  
 ustulata swainsoni, 129, 210, 252, 284
- Ibis, White, 164  
 White-faced Glossy, 202, 240  
 Wood, 71, 202, 240, 300
- Ichthyornis, 297
- Icteria virens, 57, 251
- Icterus bullocki, 127, 206  
 galbula, 274, 295  
 parisorum, 200  
 spurius, 274
- Iridoprocne bicolor, 208, 248, 279
- Ixobrychus exilis, 260
- Jacksnipe, 183-190
- Jay, Blue, 50, 55, 64, 127, 130, 134, 164, 214, 244, 248, 249, 273, 296  
 Black-headed, 206  
 Canada, 51, 218  
 Long-crested, 127

- Pinon, 71, 127, 206  
 Rocky Mountain, 206  
 Santa Cruz Island, 65  
 Steller, 71  
 Whiskey, 71  
 Junco, 71, 134  
   aikeni, 28  
   Carolina, 249  
   Gray-headed, 128  
   hyemalis carolinensis, 249  
   h. connectens, 200, 208  
   h. hyemalis, 277, 289  
   h. mearnsi, 208  
   h. montanus, 208  
   Montana, 208  
   oreganus montanus, 120  
   phaeonotus caniceps, 128  
   Pink-sided, 208  
   Shufeldt's, 200, 208  
   Slate-colored, 47, 136, 244, 277, 289  
   White-winged, 28-31  
 Kestrel, 6  
 Killdeer, 44, 64, 71, 97, 102, 125, 164,  
   203, 240, 242, 265, 300  
 Kingbird, 64, 97, 126, 130, 205, 215,  
   229, 243, 248, 272  
   Arkansas, 126, 205, 243, 272  
   Cassin's, 127  
 Kingfisher, Belted, 64, 65, 102, 126, 164,  
   205, 243, 247, 271  
 Kinglet, Golden-crowned, 49, 136, 214,  
   252, 283  
   Ruby-crowned, 49, 129, 136, 210,  
   215, 283  
   Western Golden-crowned, 210  
 Kite, 71  
   Swallow-tailed, 267  
 Lanius borealis, 209, 279  
   ludovicianus anthonyi, 65  
   l. excubitorides, 209  
   l. migrans, 279  
 Lanivireo flavifrons, 250, 279  
   solitarius, 279  
   s. alticola, 250  
 Lark, Desert Horned, 127, 206  
   Hoyt's Horned, 206  
   Island Horned, 65  
   Prairie Horned, 64, 243, 273  
 Larus argentatus, 37  
   californicus, 201  
   delawarensis, 37, 123, 201  
   franklini, 37, 257  
   heermanni, 65  
   occidentalis, 65  
   philadelphia, 123, 201  
 Leptotila cassini, 231  
 Leucosticte astrata, 207  
   tephrocotis littoralis, 207  
   t. tephrocotis, 207  
 Limnodromus griseus scolopaceus, 42  
 Limosa fedoa, 125, 199, 203  
 Limpkin, 164  
 Lobipes lobatus, 65, 203  
 Longspur, Alaska, 207  
   Chestnut-collared, 55  
   Lapland, 276, 285  
 Loon, 80, 201, 257  
   Pacific, 65  
   Red-throated, 199, 201  
 Lophodytes cucullatus, 201  
 Lophortyx californica vallicola, 65  
 Loxia curvirostra minor, 134, 207, 275  
   leucoptera, 134, 207  
 Magpie, 127, 207  
 Mallard, 38, 71, 123, 137, 193, 201, 215,  
   241, 258  
 Manakin, 230  
 Mareca americana, 39, 201  
   penelope, 59  
 Marila affinis, 39, 124, 202, 259  
   americana, 39, 124, 202, 259  
   marila, 202, 259  
   valisineria, 39, 124, 202, 259  
 Martin, Purple, 9, 48, 64, 278  
 Meadowlark, 36, 54, 64, 87, 97, 243, 274  
   Western, 87, 127, 206, 274  
 Melanerpes erythrocephalus, 126, 205,  
   214, 247, 271  
 Meleagris gallopavo silvestris, 267  
 Melospiza georgiana, 120, 249, 277  
   l. lincolni, 208, 215, 277  
   melodia graminea, 65  
   m. melodia, 249, 277  
   m. montana, 208  
 Merganser, 137  
   American, 38, 123, 201, 241  
   Hooded, 201, 241  
   Red-breasted, 38, 201, 215, 258  
   mergus americanus, 38, 123, 201  
   serrator, 38, 201, 215, 258  
 Migration, 17-28, 37-38, 45-50, 76, 81-  
   95, 136, 213, 215, 290, 295  
 Mimus polyglottos leucopterus, 66, 129  
   p. polyglottos, 57  
 Mniotilta varia, 250, 279  
 Mockingbird, 50, 57-59, 77, 80, 164, 244  
   Western, 66, 129, 240  
 Molothrus a. ater, 127, 206, 249, 273  
 Molt, 78, 97-102  
 Myadestes townsendi, 210  
 Mycteria americana, 202, 300

- Myiarchus c. cinerascens*, 65  
     *crinitus*, 248, 272  
*Myiobius a. atricaudus*, 230  
*Myiochanes r. richardsoni*, 206  
     *virens*, 248, 273  
*Myiozetetes similis columbianus*, 229  
*Nannus hiemalis*, 252, 283  
 Nesting, 10, 28, 32, 62, 76, 103-107, 134,  
     137, 164-183, 215, 217, 228, 237,  
     295  
*Nettion carolinense*, 39, 123, 201, 258  
*Nighthawk*, 46, 55, 71, 243, 247, 272,  
     285  
     Pacific, 205  
     Western, 126  
*Nucifraga columbiana*, 206  
*Numenius americanus*, 43, 125, 203  
     *hudsonicus*, 246  
*Nutcracker*, Clarke's, 206  
*Nuthatch*, 134  
     Pygmy, 210  
     Red-breasted, 129, 210, 252, 283  
     Rocky Mountain, 210  
     White-breasted, 64, 144, 244, 252,  
     283  
*Nuttallornis borealis*, 133, 206, 248, 272  
*Nyctea nyctea*, 270  
*Nycticorax nycticorax naevius*, 41, 124,  
     202, 215, 261  
*Oberholseria chlorura*, 128, 208  
*Oceanodroma homochroa*, 65  
     *melania*, 65  
*Oidemia deglandi*, 65  
     *deglandi dixonii*, 202  
*Old-squaw*, 137  
*Olor buccinator*, 202  
     *columbianus*, 202, 260  
*Oporornis agilis*, 281, 299  
     *philadelphia*, 251, 281  
     *tolmiei*, 209  
*Oreoscoptes montanus*, 209  
*Oriole*, 230  
     Baltimore, 47, 64, 143, 244, 274,  
     295  
     Bullock's, 127, 206  
     Orchard, 46, 54, 244, 274  
     Scott's, 200  
*Oropendula*, 232  
*Osprey*, 204, 269  
*Otocoris alpestris hoyti*, 206  
     *a. insularis*, 65  
     *a. leucolaema*, 127, 206  
     *a. praticola*, 273  
*Otus asio asio*, 247, 270  
     *asio maxwelliae*, 204  
     Ouzel, Water, 71  
*Oven-bird*, 48, 56, 57, 215, 251, 281  
*Owl*, 71, 77, 143, 249, 285, 293  
     American Hawk, 205  
     Barn, 243, 269  
     Barred, 55, 247, 270  
     Burrowing, 126, 166, 213, 243  
     Florida Barred, 33, 35  
     Great Horned, 71, 243, 247, 269,  
     270, 285  
     Hawk, 71  
     Long-eared, 126, 204, 269  
     Rocky Mountain Pygmy, 205  
     Rocky Mountain Screech, 204  
     Screech, 64, 192, 243, 247, 270  
     Short-eared, 204, 243, 270  
     Snowy, 270  
     Western Horned, 205  
*Oxyechus v. vociferus*, 44, 125, 203, 265  
*Oyster-catcher*, American, 71  
     Black, 65  
*Pandion haliaetus carolinensis*, 204, 269  
*Parapava californicus*, 70  
*Partridge*, Canada Spruce, 218  
     Hungarian, 144  
*Passer domesticus*, 128, 207, 276  
*Passerculus sandwichensis alaudinus*,  
     128, 207  
     *sandwichensis savanna*, 276  
*Passerella i. iliaca*, 277  
     *i. schistacea*, 208  
*Passerherbulus h. henslowii*, 215  
     *lecontei*, 276  
*Passerina amoena*, 128, 208  
     *cyanea*, 250, 278  
*Pedioecetes phasianellus columbianus*,  
     204  
*Pelecanus californicus*, 65  
     *erythrorhynchus*, 38, 201, 258  
*Pelican*, 53  
     Brown, 218  
     California Brown, 65  
     White, 38, 201, 258, 300  
*Pelidna alpina sakhalina*, 263  
*Penthestes atricapillus*, 215, 252, 283  
     *a. septentrionalis*, 129, 210  
     *gambeli*, 210  
*Perisoreus canadensis capitalis*, 206  
*Petrel*, 53  
     Ashy, 65  
     Black, 65  
*Petrochelidon lunifrons hypopolea*, 208  
     *l. lunifrons*, 129, 278  
*Pewee*, Western Wood, 206  
     Wood, 46, 64, 248, 273



- Phalacrocorax a. auritus*, 140, 215, 257  
     *auritus albociliatus*, 65  
     *penicillatus*, 65  
*Phalaenoptilus n. nuttalli*, 126  
*Phalarope*, Northern, 65, 203  
     Wilson's, 42, 124, 203, 242, 262  
*Phasianus colchicus*, 125  
     *c. torquatus*, 266  
     *torquatus*, 125  
*Pheasant*, 125, 242  
     Ring-necked, 63, 71, 142, 144, 265, 266, 294  
*Philohela minor*, 246  
*Phloeotomus pileatus abieticola*, 54, 247  
*Phoebe*, 46, 50, 64, 134, 164, 248, 272  
     Black, 65  
     Say's, 127, 206  
 Photography, 222-223  
*Pica pica hudsonia*, 127, 206  
*Picoides americanus dorsalis*, 205  
     *arcticus*, 205  
*Pigeon*, 57, 135  
     Band-tailed, 125  
     Passenger, 53, 234, 267  
*Pinicola e. enucleator*, 213  
     *e. montana*, 207  
*Pintail*, 39, 123, 193, 202, 241, 259  
*Pipilo e. erythrophthalmus*, 249, 277  
     *maculatus megalonyx*, 65  
     *maculatus montanus*, 208  
*Pipit*, 49, 282  
     Sprague's, 199, 209  
*Pipromorpha oleaginea parca*, 230  
*Piranga erythromelas*, 250, 278  
     *ludoviciana*, 208  
*Pisobia bairdi*, 43, 203  
     *maculata*, 203, 263  
     *minutilla*, 43, 65, 203, 263  
*Planesticus migratorius achrusterus*, 121  
     *m. migratorius*, 121, 133, 214, 252, 284  
     *m. propinquus*, 121, 130, 210  
*Plectrophenax nivalis*, 207, 276  
*Plegadis guarauna*, 202  
*Plover*, 5  
     Black-bellied, 43, 218, 265, 285  
     Golden, 44, 292  
     Piping, 218, 222  
     Semipalmated, 61, 218, 265  
     Snowy, 44  
     Upland, 222, 242, 264, 290, 293  
     Wilson's, 218  
*Pluvialis d. dominica*, 44  
*Podilymbus podiceps*, 37, 56, 123, 201, 256  
*Polioptila c. caerulea*, 252, 284  
*Poecetes gramineus confinis*, 128, 207  
     *g. gramineus*, 249, 276  
 Poor-will, 126  
*Porzana carolina*, 203, 262  
*Progne s. subis*, 278  
*Protonotaria citrea*, 63, 280, 292  
*Psaltriparus m. minimus*, 66  
*Ptarmigan*, 5  
     Willow, 71  
 Puffbird, 230  
 Puffin, Horned, 71  
*Puffinus creatopus*, 65  
     *griseus*, 65  
     *opisthomelas*, 65  
 Quail, 134, 242  
     Mexican, 242  
     Valley, 65  
*Querquedula cyanoptera*, 39, 201  
     *discors*, 39, 123, 201, 215, 258  
*Quiscalus quiscula aeneus*, 128, 249, 275  
     *q. quiscula*, 55  
 Rail, Black, 42  
     King, 61, 64, 192, 215, 222, 262  
     Little Black, 62  
     Virginia, 42, 64, 192, 262  
     Yellow, 262  
*Rallus elegans*, 215, 262  
     *virginianus*, 42, 262  
*Ramphastos brevicarinatus*, 232  
 Raven, 65  
     American, 206  
     Northern, 248  
*Recurvirostra americana*, 42, 125, 203  
*Red-head*, 39, 137, 202, 241, 256, 259  
*Redpoll*, 76, 207, 275  
*Redstart*, 49, 57, 129, 251, 282  
*Regulus c. calendula*, 129, 210, 283  
     *satrapa olivaceus*, 210  
     *s. satrapa*, 214, 252, 283  
*Richmondia cardinalis*, 293  
*Riparia riparia*, 129, 209, 250, 279  
 Road-runner, 143  
*Robin*, 49, 50, 55, 64, 71, 80, 133, 215, 214, 215, 222, 223, 244, 252, 284, 291  
     Southern, 121  
     Western, 70, 130, 210  
*Rubicola minor*, 263  
*Salpinctes o. obsoletus*, 66, 209  
 Sanderling, 218

- Sandpiper, Baird's, 43, 203  
 Bartramian, 43  
 Least, 43, 61, 65, 203, 263  
 Pectoral, 71, 203, 263, 293  
 Red-backed, 218, 263  
 Semipalmated, 43, 264  
 Solitary, 242, 246, 264  
 Spotted, 64, 125, 203, 242, 246, 264  
 Western Solitary, 203
- Sapsucker, Red-naped, 205  
 Williamson's, 205  
 Yellow-bellied, 46, 247, 271
- Sayornis nigricans, 65  
 phoebe, 134, 248, 272  
 sayus, 127, 206
- Scoter, American, 202  
 Pacific White-winged, 202  
 White-winged, 65
- Seiurus aurocapillus, 56, 215, 251, 281  
 noveboracensis notabilis, 281  
 n. noveboracensis, 56, 251  
 motacilla, 57, 251, 281
- Selasphorus alleni, 65  
 platycercus, 205  
 rufus, 205
- Setophaga ruticilla, 57, 129, 251, 282
- Shearwater, Black-vented, 65  
 Pink-footed, 65  
 Sooty, 65
- Shoveller, 39, 123, 201, 215, 241, 256, 259
- Shrike, 164  
 Island, 65  
 Loggerhead, 54  
 Migrant, 279  
 Northern, 7, 8, 209, 244, 279  
 White-rumped, 209, 244
- Sialia s. sialis, 214, 252, 285, 290  
 currucoides, 130, 210  
 mexicana occidentalis, 210
- Siskin, Pine, 79, 128, 134, 207, 275
- Sitta canadensis, 129, 210, 252, 283  
 carolinensis, 252, 283  
 c. nelsoni, 210  
 pygmaea, 210
- Skimmer, Black, 218
- Snipe, Wilson's, 42, 46, 63, 64, 125, 164, 183-190, 203, 215, 242, 263
- Solitaire, Townsend's, 210
- Sora, 192, 203, 219, 262
- Sparrow, Black-throated, 244  
 Brewer's, 87, 208  
 Chipping, 47, 64, 215, 249, 277  
 Clay-colored, 87, 128  
 Eastern Grasshopper, 120  
 English, 7, 55, 63, 135, 136, 207, 244, 276, 278, 299  
 Field, 47, 50, 64, 249, 277  
 Fox, 244, 277  
 Gambel's, 65, 79, 81-95, 208  
 Golden-crowned, 79, 81, 95  
 Grasshopper, 50, 64, 276  
 Harris's, 47, 54, 79, 81-95, 244, 276  
 Henslow's, 64, 215  
 House, 128, 130  
 Lark, 47, 135, 244, 276  
 Leconte's, 276  
 Lincoln's, 47, 136, 208, 215, 277  
 Mountain Song, 208  
 Nelson's, 299  
 Nuttall's, 82  
 Santa Barbara Song, 65  
 Savannah, 50, 64, 71, 276  
 Slate-colored Fox, 208  
 Song, 47, 64, 71, 80, 97, 134, 136, 219-220, 249, 277  
 Swamp, 50, 64, 120, 136, 249, 277  
 Tree, 47, 71, 134, 136, 277  
 Vesper, 47, 64, 97, 249, 276  
 Western Chipping, 128, 208  
 Western Grasshopper, 128, 199, 207  
 Western Lark, 65, 128, 207, 239  
 Western Savannah, 128, 199, 207  
 Western Tree, 208  
 Western Vesper, 128, 207  
 White-crowned, 47, 79, 81-95, 128, 136, 207, 277  
 White-throated, 47, 79, 81-95, 136, 208, 249, 277
- Spatula clypeata, 39, 123, 201, 215, 259
- Speotyto cunicularia hypogaea, 126, 213
- Sphyrapicus thyroideus, 205  
 varius nuchalis, 205  
 v. varius, 247, 271
- Spinus p. pinus, 128, 207, 275
- Spiza americana, 278
- Spizella breweri, 208  
 m. monticola, 277  
 m. ochracea, 208  
 pallida, 128  
 passerina arizonae, 128, 208  
 p. passerina, 249, 277  
 pusilla, 249, 277
- Spoonbill, 71  
 Roseate, 240
- Squatarola squatarola cynasurae, 43, 265
- Starling, 7, 66-67, 71, 77, opp. 80, 135, 141, 213, 286, 289
- Steganopus tricolor, 42, 124, 203, 262
- Stelgidopteryx serripennis, 209, 279
- Stellula calliope, 205
- Sterna antillarum, 37, 102, 103  
 caspia imperator, 201  
 forsteri, 37, 123, 257  
 hirundo, 108

- Stilt, Black-necked, 240, 262  
 Strix v. varia, 247, 270  
 Sturnella m. magna, 274  
     neglecta, 127, 206, 274  
 Sturnus vulgaris, 66-67, 213, 287  
 Surnia ulula caparoch, 205  
 Swallow, 5, 6  
     Bank, 64, 97, 129, 130, 209, 250, 279  
     Barn, 64, 142, 208, 244, 279  
     Canadian Cliff, 208  
     Cliff, 77, 129, 278  
     Northern Violet-green, 208  
     Rough-winged, 48, 64, 209, 279  
     Tree, 164, 208, 250, 279  
     Violet-green, 71  
 Swan, Trumpeter, 200, 202  
     Whistling, 202, 260  
 Swift, Chimney, 46, 64, 79, 110-118, 243, 247, 272  
     White-throated, 205  
 Tachycineta thalassina lepida, 208  
 Tanager, 230  
     Scarlet, 48, 250, 278  
     Summer, 48  
     Western, 208  
 Tattler, Wandering, 65  
 Teal, 76  
     Blue-winged, 39, 61, 123, 137, 201, 215, 241, 256, 258, 263  
     Cinnamon, 39, 201  
     Green-winged, 39, 123, 201, 241, 258, 263  
 Telmatodytes palustris iliacus, 283  
     p. plesius, 210  
 Tern, 5, 79  
     Black, 37, 105, 123, 201, 218, 236, 241, 257  
     Caspian, 199, 201, 218, 236, 300  
     Common, 108-109, 218, 236  
     Forster's, 37, 123, 257  
     Least, 37, 78, 102-103, 103-107, 218  
     Roseate, 71  
 Thrasher, Brown, 7, 49, 64, 77, 129, 137, 164, 221, 244, 252, 282  
     Sage, 209  
 Thrush, Audubon's Hermit, 200, 210  
     Gray-cheeked, 49, 121, 284  
     Hermit, 49, 136, 252, 284  
     Olive-backed, 49, 129, 136, 210, 252, 284  
     Willow, 210  
     Wood, 49, 50, 64, 244, 252, 284  
 Thyomanes bewicki, 10, 252  
 Thyrothorus l. ludovicianus, 10, 63, 252, 282  
 Titmouse, Tufted, 71, 244, 252, 283  
 Totanus flavipes, 43, 125, 203, 264  
     melanoleucus, 43, 203, 264  
 Toucans, 71, 230, 232  
 Towhee, 47, 50, 71, 97, 164, 249, 277  
     Green-tailed, 128, 208  
     San Diego, 65  
     Spurred, 208  
 Toxostoma rufum, 129, 137, 252, 282  
 Tringa solitaria cinnamomea, 203  
     s. solitaria, 246, 264  
 Troglodytes aedon, 10, 252  
     a. parkmani, 62, 129, 210, 282  
 Turkey, Florida, 71  
     Wild, 144, 233-235, 267  
 Turnstone, 218  
     Ruddy, 203  
 Tympanuchus a. americanus, 266  
 Tyrannus melancholicus chloronotus, 229  
     tyrannus, 126, 205, 215, 248, 272  
     verticalis, 126, 206, 272  
     vociferans, 127  
 Tyto alba pratincola, 269  
 Veery, 251, 252, 284  
 Vermivora c. celata, 209, 280  
     c. sordida, 66  
     chrysoptera, 56, 250, 280  
     peregrina, 121, 215, 280  
     pinus, 56, 250, 280  
     ruficapilla gutturalis, 209  
     r. ruficapilla, 250, 280  
 Vireo, Bell's, 48  
     Blue-headed, 279  
     Mountain Solitary, 250  
     Red-eyed, 48, 129, 244, 250, 279  
     Warbling, 48, 64, 279  
     Western Warbling, 209  
     White-eyed, 48, 50  
     Yellow-throated, 48, 250, 279  
 Vireosylva g. gilva, 279  
     g. swainsoni, 209  
     olivacea, 129, 250, 279  
 Vulture, Turkey, 125, 246  
 Warbler, Audubon's, 129, 209  
     Bay-Breasted, 281  
     Black and White, 48, 250, 279  
     Blackburnian, 251, 281  
     Black-throated Blue, 136, 280  
     Black-throated Green, 251, 281  
     Blackpoll, 136, 281  
     Blue-winged, 48, 56, 250, 280  
     Cairn's, 250  
     Calaveras, 209  
     Canada, 215, 251, 282  
     Cape May, 280  
     Cerulean, 56, 280  
     Chestnut-sided, 56, 251, 281

- Connecticut, 281, 299  
 Dusky, 65  
 Golden-winged, 56, 250, 280  
 Hooded, 56, 251  
 Hoover's, 209  
 Kentucky, 48  
 Macgillivray's, 209  
 Magnolia, 48, 119, 120, 251, 280  
 Mourning, 251, 281  
 Myrtle, 48, 60, 164, 280  
 Nashville, 48, 250, 280  
 Northern Parula, 280  
 Orange-crowned, 209, 280  
 Palm, 136, 164, 281  
 Parula, 48  
 Pileolated, 209  
 Pine, 281  
 Prairie, 48  
 Prothonotary, 48, 63, 280, 292  
 Sedge, 6  
 Sycamore, 48, 215  
 Tennessee, 48, 121, 136, 215, 218, 280  
 Townsend's, 209  
 Western Yellow, 209  
 Wilson's, 282  
 Worm-eating, 250  
 Yellow, 48, 56, 64, 129, 244, 250, 280  
 Water Thrush, 56  
   Grinnell's, 281  
   Louisiana, 48, 50, 56, 57, 251, 281  
   Northern, 251  
 Water Turkey, 164, 215  
 Waxwing, Bohemian, 209, 279  
   Cedar, 64, 79, 209, 244, 250, 279  
 Whip-poor-will, 46, 71, 219, 247, 271  
 Willet, 242  
   Western, 43, 125, 203, 264  
*Wilsonia canadensis*, 215, 251, 282  
   *citrina*, 57, 251  
   *pusilla pileolata*, 209  
   *pusilla pusilla*, 282  
 Woodcock, 46, 64, 263  
   American, 246  
 Woodhewer, 230  
 Woodpecker, 7, 297  
   Alpine Three-toed, 205  
   Arctic Three-toed, 205, 218  
   Batchelder's, 205  
   Downy, 15, 64, 134, 144, 243, 247, 271  
   Green, 7  
   Hairy, 64, 134, 243, 247, 271  
   Ivory-billed, 182  
   Lewis's, 126, 205  
   Northern Pileated, 54, 55, 247  
   Pileated, 70, 164  
   Red-bellied, 164, 247, 271  
   Red-headed, 64, 126, 205, 214, 243, 247, 271, 297  
   Rocky Mountain Hairy, 205  
 Wren, 10  
   Bewick's, 10, 13-17, 252, 282  
   Carolina, 10, 11-17, 63, 244, 252, 282  
   House, 4, 10, 13-17, 61, 64, 78, 244, 252, 282  
   Long-billed Marsh, 64  
   Prairie Marsh, 283  
   Rock, 66, 209  
   Short-billed Marsh, 61, 64, 283  
   Western House, 62, 129, 209, 282  
   Western Marsh, 209  
   Winter, 136, 252, 283  
*Xanthocephalus xanthocephalus*, 127, 206, 274  
 Yellow-legs, 125, 242, 263, 264, 293  
   Greater, 43, 203, 264  
   Lesser, 43, 61, 203  
 Yellow-throat, 71  
   Maryland, 48, 57, 64, 244, 251, 281  
   Northern, 136  
   Western, 209  
*Zarhynchus wagleri*, 232  
*Zenaidura macroura*, 17  
   *m. carolinensis*, 54, 214, 267  
   *m. marginella*, 55, 65, 125, 204  
*Zonotrichia albicollis*, 81-95, 208, 249, 277  
   *coronata*, 81-95  
   *leucophrys gambeli*, 65, 81-95, 95-97, 128, 208  
   *l. leucophrys*, 81-95, 95-97, 128, 207, 277  
   *l. nuttalli*, 81  
   *l. pugetensis*, 82  
   *querula*, 54, 81-95, 276