

## INDEX TO VOLUME 46

## A

- Abbott, Clinton G., roof-nesting killdeers, 3;  
a creeper foraging on palm trees, 34
- Acanthis linaria linaria*, 84
- Accipiter cooperii*, 71, 238  
*gentilis atricapillus*, 71, 238  
*striatus perobscurus*, 238  
*striatus velox*, 71, 238  
*velox*, 88
- Actitis macularia*, 10, 73, 239
- Aechmophorus occidentalis*, 68
- Aegolius acadicus acadicus*, 75
- Aëronautes saxatalis*, 34, 239  
*saxatalis sclateri*, 76  
*saxatalis saxatalis*, 76
- Agelaius phoeniceus*, 46-58  
*phoeniceus fortis*, 46, 83  
*phoeniceus nevadensis*, 83  
*phoeniceus phoeniceus*, 46  
*phoeniceus utahensis*, 83  
*tricolor*, 46, 57
- Aimophila acuminata guerrensis*, 14  
*humeralis humeralis*, 14  
*ruficeps fusca*, 14  
*rufescens subvespera*, 14
- Aix sponsa*, 70, 238
- Ajaia ajaja*, 19, 69
- Albatross, Royal, 96, 97, 99, 101  
Wandering, 97
- Alcorn, J. R., botulism in the Carson Sink, Nevada, 300
- Alexander, Gordon, unusual records from Boulder County, Colorado, 36; bill distortion in mountain chickadee due to bone tumor, 246
- Amazilia violiceps violiceps*, 11
- Amazona albifrons albifrons*, 10
- Ammodramus savannarum bimaculatus*, 85, 297
- Ammospiza caudacuta*, 204
- Amphispiza bilineata deserticola*, 85  
*belli nevadensis*, 85
- Anas acuta tzitzihua*, 70  
*crecca carolinensis*, 70  
*cyanoptera cyanoptera*, 70  
*discors*, 70  
*platyrhynchos*, 20, 238, 300  
*platyrhynchos platyrhynchos*, 69  
*rubripes*, 69
- Ani, Groove-billed, 11
- Anser albifrons*, 19  
*albifrons albifrons*, 69, 204  
*condoni*, 27
- Anthoscenus constantii leocadiae*, 11
- Anthus rubescens alticola*, 81, 89  
*rubescens pacificus*, 89  
*rubescens rubescens*, 81  
*spinoletta pacificus*, 241
- Aphelocoma californica*, 204  
*californica woodhousei*, 98  
*coerulescens remota*, 13
- Aquila chrysaëtos*, 20, 30, 35, 88, 236  
*chrysaëtos canadensis*, 71
- Aratinga canicularis eburnirostrum*, 10
- Archilochus alexandri*, 21, 76
- Ardea herodias*, 35, 207, 238  
*herodias treganzai*, 68, 200
- Arvey, M. Dale, eastern blue jay in Idaho, 205
- Asio flammeus*, 21, 88  
*flammeus flammeus*, 75, 239  
*otus wilsonianus*, 75
- Aspatha gularis*, 230
- Asturina nitida plagiata*, 10
- Asyndesmus lewis*, 76, 239
- Auklet, Paroquet, 244
- Aulacorhynchus caeruleogularis*, 225
- Auriparus flaviceps acaciarium*, 79
- Avocet, 21, 74, 127, 131, 300

## B

- Balanosphyra formicivora*, 221  
*formicivora formicivora*, 212
- Baldpate, 19, 70, 300
- Baldwin, Gordon C., uncommon birds of the Boulder Dam area, Nevada, 35; unusual records of birds from the Boulder Dam area, Nevada, 206
- Barbet, Prong-billed, 221
- Bartramia longicauda*, 73
- Basileuterus rufifrons dugesi*, 13
- Beck, R. H., a record of the old-squaw in the San Joaquin Valley, 129
- Behle, William H., check-list of the birds of Utah, 67; a secondary function of the gular pouch of the white pelican, 128; the pelican colony at Gunnison Island, Great Salt Lake, in 1943, 198; notes on leucostictes wintering in Salt Lake Valley, Utah, 207
- Bittern, American, 69  
Mexican Tiger, 9  
Western Least, 69
- Blackbird, Brewer, 83, 242  
Red-winged, 46-58  
Yellow-headed, 22, 57, 83
- Bluebird, Chestnut-backed, 80  
Mountain, 81, 241  
Western, 80, 89, 205
- Bobolink, 83
- Bob-white, 72, 154, 159
- Bombycilla cedrorum*, 81, 205, 241  
*garrula pallidiceps*, 81
- Bonasa umbellus*, 239  
*umbellus incanus*, 72

- Botaurus lentiginosus*, 69  
*lentiginosus peeti*, 69  
 Brandt, Herbert, review of his "Alaska Bird Trails," 247  
 Brant, Black, 69, 207  
*Branta bernicla nigricans*, 69  
*canadensis*, 27, 29  
*canadensis canadensis*, 69  
*canadensis hutchinsii*, 69  
*dickeyi*, 26-29  
*esmeralda*, 29  
*hypsibata*, 27, 29  
*nigricans*, 207  
*Breagyps clarki*, 272-295  
 Brooks, Allan, a depumated pileated woodpecker, 124  
 Bryan, E. H., and Greenway, J. C., Jr., review of their "Contribution to the Ornithology of the Hawaiian Islands," 211  
*Bubo virginianus*, 88, 239  
*virginianus lagophonus*, 75  
*virginianus occidentalis*, 75  
*virginianus pallescens*, 75  
*Bucephala albeola*, 70  
*clangula americana*, 70  
*islandica*, 70  
 Bufflehead, 62, 70, 207  
 Bunting, Eastern Snow, 86  
 Indigo, 57, 84  
 Lark, 85  
 Lazuli, 84, 242  
 Burdick, Austin W., birds of the northern Cascade Mountains, Washington, 238  
 Bush-tit, 299  
 Lead-colored, 79  
*Buteo*, 236, 237  
*albonotatus*, 20  
*borealis*, 88  
*jamaicensis calurus*, 71, 238  
*jamaicensis fuertesi*, 71  
*lagopus s. johannis*, 71, 88  
*lineatus*, 71  
*magnirostris xantusi*, 10  
*regalis*, 71, 236  
*swainsoni*, 20, 71, 88  
*Butorides virescens*; 298  
*virescens anthonyi*, 35, 69  
*virescens maculatus*, 9
- C
- Cacique, Mexican, 13  
 Cahalane, Victor H., and Griffith, Richard E., occurrences of the blue goose in New Mexico, 124  
*Calamospiza melanocorys*, 85  
*Calcarius ornatus*, 22  
*Calocitta formosa formosa*, 12  
*Calypte costae*, 21, 76  
*Camptostoma imberbe*, 12  
*Canachites franklini*, 239  
 Canvas-back, 70  
*Capella delicata*, 74  
 Cardinal, Colima, 14  
*Carpodacus cassinii*, 84, 242  
*mexicanus*, 84, 209  
*mexicanus frontalis*, 84  
*mexicanus mexicanus*, 14  
*mexicanus solitudinus*, 84  
*Casmerodias albus egretta*, 68  
*Cassiculus melanicterus*, 13  
*Cassidix mexicanus*, 57  
*mexicanus major*, 245  
*mexicanus mexicanus*, 245  
*mexicanus obscurus*, 13  
 Catbird, 80, 241  
*Catoptrophorus semipalmatus inornatus*, 73  
 Cater, Milam B., roosting habits of martins at Tucson, Arizona, 15  
*Cathartes aura*, 272-295  
*aura teter*, 70  
*Cathartidarum*, 294  
*Cathartornis gracilis*, 294, 295  
*Catherpes mexicanus conspersus*, 80  
*Centrocercus urophasianus*, 72  
*Centurus chrysogenys flavinuchus*, 11  
*Ceophloeus lineatus*, 220  
*lineatus scapularis*, 12  
*pileatus*, 124, 239  
*Certhia familiaris*, 34  
*familiaris montana*, 79  
*familiaris zelotes*, 240  
 Chachalaca, Gray-headed, 10  
*Chaetura pelagica*, 33  
*vauxi*, 33, 239  
*Chamaepetes unicolor*, 219  
*Chamaea fasciata*, 299  
*fasciata intermedia*, 299  
*fasciata rufula*, 299  
*Charadrius alexandrinus nivosus*, 73  
*collaris*, 10  
*hiaticula semipalmatus*, 73  
*nivosus*, 20  
*semipalmatus*, 243  
*vociferus vociferus*, 73  
*Charitonetta albeola*, 207  
 Chat, 33, 241  
 Long-tailed, 83, 212  
*Chaulelasmus streperus*, 70, 300  
*Chen caerulescens*, 69, 124  
*hyperborea*, 300  
*hyperborea hyperborea*, 69  
 Chickadee, Cascade Brown-headed, 240  
 Grinnell Mountain, 240  
 Inyo, 79  
 Mountain, 79, 246, 299  
 Nevada Black-capped, 79  
 Chicken, Prairie, 183  
*Chlidonias nigra surinamensis*, 74  
*Chloroceryle americana septentrionalis*, 11  
*Chondestes grammacus strigatus*, 85  
*Chordeiles acutipennis micromeris*, 11  
*acutipennis texensis*, 76

- minor henryi, 76  
 minor hesperis, 76  
 minor howelli, 76  
 minor minor, 239  
 minor sennetti, 76  
 Chrysotrogon caligatus, 209  
 Ciccaba virgata amplonotata, 11  
 Ciconia maltha, 26, 27  
 Cinclus mexicanus, 297  
     mexicanus unicolor, 79, 240  
 Circus cyaneus hudsonius, 71, 239  
     hudsonius, 20, 88  
 Cistothorus stellaris, 79  
     palustris plesius, 79  
 Clangula hyemalis, 70, 129  
 Clay, C. I., avocet on Humboldt Bay, California,  
     127  
 Coccyzus americanus occidentalis, 75, 89  
     erythrophthalmus, 36  
 Cogswell, Howard L., Vaux swifts in late sum-  
     mer in South Pasadena, California, 33;  
     a new record of the sharp-tailed sparrow  
     in California, 204  
 Cohen, Donald Atherton, biography of, 37  
 Colaptes auratus, 76  
     cafer, 245  
     cafer cafer, 239, 245  
     cafer canescens, 76  
     cafer collaris, 76, 245, 246  
     cafer rufipileus, 245  
     cafer sedentarius, 245  
 Colinus virginianus, 72  
 Collias, N. E., review of his "Aggressive Behavior  
     Among Vertebrate Animals," 91  
 Columba fasciata, 207, 239  
     fasciata fasciata, 10, 75  
     flavirostris flavirostris, 10  
 Colymbus auritus, 68  
     dominicus brachypterus, 9  
     nigricollis californicus, 68  
 Comby, J. H., sleeping habits of the green-  
     backed goldfinch, 299  
 Condor, California, 30, 71, 272-295  
     South American, 272-295  
 Cooper Ornithological Club, minutes of meet-  
     ings, 40, 91, 131, 212, 248, 301; officers  
     and members, 249  
 Coot, American, 73, 207, 300  
 Coragyps atratus, 272-295  
     occidentalis, 272-295  
 Cormorant, Double-crested, 27, 68  
     Pelagic, 62  
 Corthylia calendula, 241  
 Corvus brachyrhynchos, 240  
     brachyrhynchos hesperis, 78  
     corax, 78, 108, 240, 300  
     corax sinuatus, 78  
 Cottam, Clarence, gulls as vegetarians, 127  
 Coturnicops noveboracensis noveboracensis, 72  
 Cowbird, 212, 298  
     Dwarf, 83, 244  
     Nevada, 83  
 Crane, Little Brown, 35  
     Sandhill, 72  
     Whooping, 30  
 Creeper, 34, 299  
     Rocky Mountain, 79  
     Sierra, 240  
 Crocethia alba, 9, 10, 74  
 Crossbill, Bendire, 84, 242  
     Bent, 84  
     Grinnell, 84  
     Mexican, 84  
 Crotophaga sulcirostris sulcirostris, 11  
 Crow, 240  
     Western, 78  
 Cryptoglaux acadica acadica, 208  
 Cuckoo, Black-billed, 36  
     California, 75, 89, 90  
     Mexican Squirrel, 11  
 Cuiejo, Nelson, 11  
 Culbertson, A. E., and Shaw, William T., a flock  
     of cedar waxwings meets tragedy, 205  
 Cushing, John E., Jr., the relation of non-herit-  
     able food habits to evolution, 265  
 Curlew, Hudsonian, 212  
     Long-billed, 21, 73  
     Northern, 73  
 Cyanocephalus cyanocephalus, 78  
 Cyanocitta cristata, 205  
     stelleri annectens, 78, 240  
     stelleri cottami, 78  
     stelleri diademata, 78  
     stelleri percontatrix, 78  
 Cyclorhynchus psittacula, 244  
 Cynops, 26  
     buccinator, 69  
     columbianus, 28, 29, 69  
     olor, 108  
 Cynanthus doubledayi, 11

## D

- Dafila acuta, 300  
 Dalquest, Walter W., a record of the Sabine gull  
     at Berkeley, California, 34; aerial insect  
     feeding by the California gull, 88  
 Davis, William B., notes on summer birds of  
     Guerrero, 9  
 Dendragapus fuliginosus, 112-120  
     fuliginosus fuliginosus, 239  
     obscurus, 112-120  
     obscurus obscurus, 71  
 Dendroica aestiva, 245  
     aestiva aestiva, 82  
     aestiva brewsteri, 82  
     aestiva morcomi, 82, 241  
     aestiva sonorana, 82  
     auduboni auduboni, 82, 241  
     auduboni memorabilis, 82  
     coronata, 82

- fusca*, 82  
*graciae graciae*, 82  
*nigrescens*, 82  
*nigrescens halsei*, 82  
*occidentalis*, 23, 24  
*palmarum*, 22  
*townsendi*, 23, 24, 82, 241  
*Dichromanassa rufescens*, 201  
*Dicrorhynchus frantzii*, 221  
 Dill, William A., observations of California pine grosbeak at southern limit of range, 90  
*Diomedea epomophora sandfordi*, 96  
*exulans*, 97  
 Dipper, 79, 240  
 Dixon, Joseph S., California jay picks ticks from mule deer, 204; a great gray owl observed in Yosemite National Park, 244  
*Dolichonyx oryzivorus*, 83  
 Dove, Inca, 10, 21  
     Mourning, 239, 243, 246  
     Ring-necked, 243  
     Western Mourning, 75  
     White-fronted, 10  
     White-winged, 207, 243, 248  
 Dowitcher, 21  
     Inland, 73  
     Long-billed, 73, 300  
*Dryobates pubescens*, 239  
     *pubescens leucurus*, 77  
     *scalaris yumanensis*, 77  
     *villosus*, 221  
     *villosus leucothorectis*, 77  
     *villosus monticola*, 77  
     *villosus orius*, 239  
 Duck, Black, 69  
     Greater Scaup, 70  
     Harlequin, 62, 238  
     Lesser Scaup, 35, 70  
     Old Squaw, 62  
     Ring-necked, 70  
     Ruddy, 70, 300  
     Wood, 70, 238  
*Dumetella carolinensis*, 80, 241
- E**
- Eagle, Bald, 62, 124, 206, 207, 266  
     Golden, 20, 35, 71, 266  
     Gray Sea, 266  
     Southern Bald, 71  
 Egret, American, 68  
     Brewster, 69  
     Reddish, 201, 202  
     Snowy, 35, 69  
*Egretta thula*, 35  
 Eider, Pacific, 62  
*Elaenia chiriquensis*, 219  
*Elaenia Lawrencei*, 219  
*Empidonax difficilis difficilis*, 77  
     *griseus*, 77  
     *hammondii*, 77, 240  
     *traillii adastus*, 77  
     *traillii brewsteri*, 77  
     *wrightii*, 77  
*Ereunetes mauri*, 21, 74, 90, 300  
     *pusillus*, 90  
*Erismatura jamaicensis*, 19, 300  
*Erithacus rubecula*, 108  
*Erolia alpina sakhalina*, 74  
     *bairdii*, 74  
     *minutilla*, 74  
 Evenden, Fred G., Jr., and Evenden, Joan R., a house finch census at Mountain Home, Idaho, 209  
*Eumomota superciliaris*, 230  
*Euphagus cyanocephalus*, 242  
     *cyanocephalus cyanocephalus*, 83  
 Ewan, J., hooded oriole nesting in banana plant at Beverly Hills, California, 205
- F**
- Falco columbarius*, 239  
     *columbarius bendirei*, 71  
     *columbarius richardsoni*, 71  
     *columbarius suckleyi*, 206  
     *mexicanus*, 71, 200  
     *peregrinus*, 20  
     *peregrinus anatum*, 71  
     *sparverius*, 88  
     *sparverius sparverius*, 71, 239  
 Falcon, Prairie, 71, 200  
 Finch, African Orange Weaver, 57  
     Black Rosy, 84, 208  
     Cassin Purple, 242  
     Gray-crowned Rosy, 84, 208, 242  
     Hepburn Rosy, 84, 208  
     House, 84, 209  
     Mexican House, 14  
     Pribilof Rosy, 123  
     Purple, 84  
     Rosy, 62, 207  
 Fisher, Harvey I., brown pelicans and breaking waves, 124; the skulls of the cathartid vultures, 272  
 Flicker, Northwestern, 239  
     Red-shafted, 76, 245  
     Santa Cruz Island, 245  
     Yellow-shafted, 76  
*Florida caerulea*, 35  
 Flycatcher, Ash-throated, 77, 212, 240  
     Beardless, 12  
     Derby, 12  
     Giraud, 12  
     Gray, 77  
     Hammond, 77, 240  
     Little, 77  
     Olive-sided, 77, 240  
     Querulous, 12  
     Sulphur-bellied, 12, 225  
     Vermilion, 77, 201-203

- Western, 77, 91  
Wright, 77, 302  
Fox, Wade, black and white warbler at Berkeley, California, 243  
*Fulica americana*, 207, 300  
    *americana americana*, 73  
Fulmar, Pacific, 244  
*Fulmarus glacialis rogersii*, 244
- G
- Gadwall, 70, 300  
Galbreath, Edwin C., *Grus canadensis* from the Pleistocene of Illinois, 35  
Galindo, Pedro, and Herman, Carlton M., notes on a water ouzel, 297  
Gallinule, Purple, 73  
*Gallirallus australis*, 93  
*Gavia arctica pacifica*, 68  
    immer elasson, 68  
*Geothlypis semiflava*, 219  
    *trichas*, 298  
    *trichas occidentalis*, 83  
    *trichas scirpicola*, 83  
*Geococcyx californianus*, 75, 204  
    *velox*, 11  
*Glaucidium gnoma pinicola*, 75  
Gnatcatcher, 299  
    Black-headed, 13  
    Western, 81  
Godwit, Marbled, 73, 127, 300  
Golden-eye, 124  
    American, 62, 70, 126, 127  
    Barrow, 70  
Goldfinch, 242  
    Arkansas, 84  
    Green-backed, 84, 299  
    Pale, 84  
Goose, Blue, 69, 124, 125  
    Canada, 125  
    Common Canada, 69  
    Dickey, 27  
    Emperor, 62, 90  
    Hutchins, 69  
    Lesser Snow, 69  
    Snow, 300  
    White-fronted, 19, 69, 204  
Goshawk, 238, 268  
    Eastern, 71  
    Mexican, 10, 266  
Grackle, Boat-tailed, 57, 245  
    Colima Boat-tailed, 13  
    Great-tailed, 245  
Grebe, Eared, 68  
    Horned, 68  
    Mexican, 9  
    Pied-billed, 68  
    Western, 68  
Greenway, J. C., Jr., and Bryan, E. H., Jr., review of their "Contribution to the Ornithology of the Hawaiian Islands," 211  
Griffith, Richard E., and Cahalane, Victor H., occurrences of the blue goose in New Mexico, 124  
Grinnell, Hilda W., the life and writings of James Moffitt, 60; the hooded oriole's choice of nesting sites in the settled portions of southern California, 298  
Grosbeak, Big-billed Blue, 14  
    Black-headed, 212  
    California Pine, 90  
    Pacific Black-headed, 14  
    Rocky Mountain Black-headed, 83  
    Rocky Mountain Pine, 84, 242  
    Western Blue, 84, 205  
    Western Evening, 84, 242  
Grouse, Blue, 112-120  
    Columbian Sharp-tailed, 72  
    Dusky, 71, 112-120  
    Franklin, 239  
    Hoary Ruffed, 72  
    Ruffed, 239  
    Sooty, 112-120, 239  
*Grus americana*, 26, 30  
    *canadensis*, 31  
    *canadensis canadensis*, 35  
    *canadensis tabida*, 72  
    *conferta*, 31  
    *nannodes*, 31  
    *nobilis*, 31  
    *proavus*, 31  
*Guiraca caerulea eurhyncha*, 14  
    *caerulea interfusa*, 84, 205  
Gull, Bonaparte, 21, 74, 128  
    California, 74, 88, 89, 127, 200  
    Franklin, 74, 127, 128  
    Glaucous, 74, 128, 130  
    Herring, 74, 127, 128  
    Ring-billed, 74, 128  
    Sabine, 34, 74  
    Short-billed, 128  
    Western, 301  
*Gymnogyps amplus*, 272-295  
    *californianus*, 71, 272-295  
*Gymnorhinus cyanocephalus cassinii*, 79
- H
- Haliaeetus leucocephalus*, 206  
    *leucocephalus leucocephalus*, 71  
    *leucocephalus washingtoniensis*, 71  
Hanna, Wilson C., the gray vireo as a victim of the cowbird, 244  
Hawk, American Rough-legged, 71  
    American Sparrow, 239  
    Black Pigeon, 206  
    Colima Gray-tailed, 10  
    Cooper, 71, 238  
    Duck, 20, 71, 132, 267-269  
    Eastern Sparrow, 71  
    Ferruginous Rough-legged, 71  
    Harris, 129

- Marsh, 20, 71, 239, 266  
 Pigeon, 239  
 Red-shouldered, 71  
 Red-tailed, 71, 266  
 Rough-legged, 236  
 Sharp-shinned, 71, 127, 238  
 Sparrow, 266  
 Swainson, 20, 71  
 Western Pigeon, 71  
 Western Red-tailed, 71, 238  
 Zone-tailed, 20
- Hayward, C. Lynn, additional records of uncommon birds in Utah, 204
- Herman, Carlton M., and Galindo, Pedro, notes on a water ouzel, 297
- Heron, Anthony Green, 35, 69  
 Black-crowned Night, 69  
 Blue, 35  
 Great Blue, 207, 238  
 Green, 298  
 Little Blue, 35  
 Louisiana, 124, 201, 202  
 Spotted Green, 9  
 Treganza Great Blue, 68, 200
- Hedymeles melanocephalus maculatus, 14  
 melanocephalus melanocephalus, 83
- Hen, Sage, 72
- Heleodytes brunneicapillus, 298  
 brunneicapillus couesi, 79  
 jocosus jocosus, 13
- Hesperiphona vespertina brooksi, 36, 84, 242
- Heterocnus cabanisi, 9
- Himantopus mexicanus, 21  
 himantopus mexicanus, 74
- Hirundo erythrogaster, 240  
 rustica erythrogaster, 240
- Histrionicus histrionicus, 238
- Howard, Hildegard, a miocene hawk from California, 236
- Huey, Laurence M., notes on four sporadic visitors in California, 201; nesting habits of the hooded oriole, 297
- Hummingbird, Black-chinned, 21, 76  
 Broad-tailed, 76  
 Calliope, 76, 239  
 Costa, 21, 76  
 Doubleday, 11  
 Rufous, 21, 76, 239  
 Violet-crowned, 11
- Hydranassa tricolor ruficollis, 124, 201, 202
- Hydroprogne tschegrava tschegrava, 74
- Hylodichla fuscescens salicicola, 80, 241  
 guttata auduboni, 80  
 guttata guttata, 80, 205  
 guttata nanus, 80  
 guttata oromela, 80  
 guttata polionota, 80  
 guttata slevini, 241  
 ustulata almae, 80, 241  
 ustulata swainsoni, 80
- Hypomorphnus, 237
- I
- Ibis, White-faced Glossy, 19, 69  
 Wood, 19, 69
- Icteria virens, 33, 241  
 virens auricollis, 83
- Icterus bullockii, 242  
 bullockii bullockii, 83  
 cucullatus, 205, 297, 298  
 cucullatus nelsoni, 83  
 graduacauda dickeyae, 13  
 gularis gularis, 13  
 parisorum, 83  
 pustulatus pustulatus, 13
- Iridoprocne bicolor, 21, 78
- Ixobrychus exilis hesperis, 69
- Ixoreus naevius naevius, 241
- J
- Jacana spinosa gymnostoma, 10
- Jacana, Mexican, 10
- Jaeger, Long-tailed, 74
- Jay, Black-headed Steller, 78, 240  
 Bullock Magpie, 12  
 California, 204, 244  
 Chilpancingo, 13  
 Eastern Blue, 205  
 Gray, 240  
 Long-crested Steller, 78  
 Pallid Steller, 78  
 Piñon, 78  
 Rocky Mountain, 78  
 Woodhouse, 78
- Jewett, Stanley G., hybridization of hermit and Townsend warblers, 23; the black pigeon hawk in New Mexico, 206
- Junco caniceps caniceps, 85  
 hyemalis, 51  
 hyemalis cismontanus, 85  
 hyemalis hyemalis, 85  
 oreganus, 56, 160  
 oreganus mearnsi, 85  
 oreganus montanus, 85  
 oreganus shufeldti, 85, 242
- Junco, Cassiar, 85  
 Gray-headed, 85  
 Montana, 85  
 Oregon, 56, 160  
 Pink-sided, 85  
 Shufeldt, 85, 242  
 Slate-colored, 51, 85, 132
- K
- Kelly, Junea W., semipalmated plover wintering on San Francisco Bay, 243; grasshopper sparrow nesting at Oakland, California, 297
- Kendeigh, S. C., review of his "Measurement of Bird Populations," 210
- Kent, Wyatt A., rare birds seen in southern California, 129

Killdeer, 3-5, 73, 239, 300, 301  
 Kingbird, Arkansas, 77, 240  
   Cassin, 77  
   Eastern, 77, 240  
   Guerreran Cassin, 12  
   Western, 206  
   Western Tropical, 12  
 Kingfisher, Belted, 238  
   Texan Green, 11  
   Western Belted, 76  
 Kinglet, Ruby-crowned, 241  
   Western Golden-crowned, 81, 241  
   Western Ruby-crowned, 81  
 Kinsey, Eric Campbell, additional records of the  
   chat in Marin County, California, 33  
 Kite, Everglade, 266, 267, 269  
 Knot, 212

## L

Lack, David, early references to territory in bird  
 life, 108  
 Lagopus mutus, 183  
   mutus chamberlaini, 122  
   mutus evermanni, 122  
   mutus gabrielsoni, 121, 122  
   mutus nelsoni, 122  
   mutus ridgwayi, 122  
   mutus sanfordi, 121, 122  
   mutus townsendi, 121, 122  
   leucurus, 239  
   leucurus altipetens, 72  
   ruepestris atkensis, 121, 122  
 Lamb, Chester C., grackle kills warbler, 245  
 Lanius excubitor invictus, 81  
   ludovicianus excubitorides, 81  
   ludovicianus gambeli, 81  
   ludovicianus mexicanus, 13  
   ludovicianus nevadensis, 81  
 Lark, Desert Horned, 78  
   Dusky Horned, 78  
   Great Salt Lake Horned, 78  
   Hoyt Horned, 78  
   Montezuma Horned, 78  
   Pallid Horned, 77, 240  
 Larus argentatus, 127  
   argentatus smithsonianus, 74  
   californicus, 74, 88, 127, 200  
   delawarensis, 74  
   hyperboreus, 74, 130  
   philadelphia, 21, 74  
   pipixcan, 74, 127  
 Laterallus jamaicensis coturniculus, 72  
 Leopold, A. Starker, the nature of heritable wild-  
   ness in turkeys, 133  
 Leptopogon amaurocephalus pileatus, 6  
   amaurocephalus plumbeipes, 6  
 Leptopogon, Brown-capped, 6-8  
 Leptotila verreauxi angelica, 10  
 Leucophoyx thula brewsteri, 69  
   thula thula, 69  
 Leucosticte atrata, 84, 208  
   griseonucha, 122, 123  
   tephrocotis, 123, 242  
   tephrocotis griseonucha, 122, 123  
   tephrocotis littoralis, 84, 208  
   tephrocotis maxima, 123  
   tephrocotis tephrocotis, 84, 122, 123, 208  
   tephrocotis umbrinus, 123  
 Limnodromus griseus, 21  
   griseus griseus, 73  
   griseus hendersoni, 73  
   griseus scolopaceus, 300  
   scolopaceus, 73  
 Limosa fedoa, 73, 300  
 Lobipes lobatus, 74  
 Longspur, Chestnut-collared, 22  
 Loon, Lesser, 68  
   Pacific, 68  
   Red-throated, 62  
 Lophodytes cucullatus, 70  
 Lophortyx californica, 72, 239  
   gambelii gambelii, 72  
 Loxia curvirostra bendirei, 84, 242  
   curvirostra benti, 84  
   curvirostra grinnelli, 84  
   curvirostra stricklandi, 84  
 Luscinia megarhyncha, 108

## M

Magpie, American, 78, 240  
 Mallard, 20, 62, 69, 238, 300  
 Mareca americana, 19, 70, 207, 300  
 Martin, 15-18, 21  
   Gray-breasted, 12  
   Purple, 78, 240  
 Meadowlark, Highland, 13  
   Western, 83, 207, 242  
 Megaceryle alcyon, 239  
   alcyon alcyon, 76  
   alcyon caurina, 76  
 Megadyptes antipodes, 99  
 Melanerpes erythrocephalus caurinus, 76  
 Meleagris gallopavo, 35, 133-195  
   gallopavo gallopavo, 133, 134, 151, 153, 175  
   gallopavo intermedia, 133  
   gallopavo merriami, 133, 151  
   gallopavo onusta, 133  
   gallopavo osceola, 133  
   gallopavo silvestris, 133-195  
 Melanitta fusca deglandi, 70  
 Melanotis caerulescens effuscatus, 13  
 Melopelia asiatica, 207, 243  
 Melospiza georgiana, 86, 201  
   lincolnii, 242  
   lincolnii alticola, 86  
   lincolnii lincolnii, 86  
   melodia fallax, 86  
   melodia juddi, 86  
   melodia merrilli, 86, 242  
   melodia montana, 242

- Merganser, 207  
 American, 70, 238  
 Hooded, 70  
 Red-breasted, 70
- Mergus merganser, 207  
 merganser americanus, 70, 238  
 serrator, 70
- Miller, Alden H., specimens of the Pacific golden plover from California, 130; second nestings in the wren-tit, 299
- Miller, Alden H., and Ray, Milton S., discovery of a new vireo of the genus *Neochloe* in southwestern Mexico, 41
- Miller, Loye, some Pliocene birds from Oregon and Idaho, 25
- Mimus polyglottos, 90  
 polyglottos leucopterus, 80
- Miohierax stocki, 236, 237
- Mniotilta varia, 243
- Mockingbird, 90  
 Blue, 13  
 Western, 80
- Moffitt, James, the life and writings of, 60
- Molothrus ater, 298  
 ater artemisiae, 83  
 ater obscurus, 83, 244
- Monson, Gale, notes on birds of the Yuma region, 19
- Moore, Robert T., nesting of the brown-capped leptopogon in Mexico, 6
- Morphnus woodwardi, 30
- Motmot, Blue-throated, 230, 231  
 Turquoise-browed, 230
- Murie, Olaus J., two new subspecies of birds from Alaska, 121
- Myadestes townsendi, 81, 241
- Mycteria americana, 10, 69
- Myiarchus cinerascens, 240  
 cinerascens cinerascens, 77  
 obscurus occidentalis, 13  
 tuberculifer querulus, 12
- Myiochanes richardsonii, 240  
 richardsonii richardsonii, 77
- Myiodynastes luteiventris, 225  
 luteiventris luteiventris, 12
- Myiozetetes similis texensis, 12
- N
- Nannus hiemalis pacificus, 79, 241
- Neff, Johnson A., seeds of legumes eaten by birds, 207; a protracted incubation period in the mourning dove, 243
- Neochloe brevipennis, 41, 43-45  
 brevipennis browni, 42-45  
 brevipennis brevipennis, 42-45
- Neochloe, Brown, 42
- Neophrontops, 237
- Nephoecetes niger borealis, 239
- Nettion carolinense, 300
- Nice, M. M., review of her "Studies in the Life History of the Song Sparrow. II," 38
- Nighthawk, Eastern, 239  
 Howell, 76  
 Pacific, 76  
 Sennett, 76  
 Texas, 76  
 Western, 76  
 Yucatan, 11
- Nightingale, 108-110
- Nucifraga columbiana, 79, 240
- Numenius americanus, 21  
 americanus americanus, 73  
 americanus occidentalis, 73
- Nutcracker, Clark, 79, 240
- Nuthatch, Black-eared Pigmy, 79  
 Red-breasted, 79, 240  
 Rocky Mountain, 79  
 White-breasted, 240
- Nuttallornis borealis, 240  
 borealis borealis, 77
- Nyctea scandiaca, 75
- Nycticorax nycticorax hoactli, 69
- Nyctidromus albicollis nelsoni, 11
- Nyroca affinis, 35, 70  
 americana, 19, 20, 70, 300  
 collaris, 70  
 marila nearctica, 70  
 valisineria, 70
- O
- Oberholseria chlorura, 85  
 chlorura zapolia, 85
- Oceanodroma homochroa, 125, 126  
 leucorhoa leucorhoa, 105, 125, 126
- Old-squaw, 70, 129
- Oporornis tolmei, 82, 241
- Oreoscoptes montanus, 80
- Oriole, Arizona Hooded, 83  
 Black-headed, 13  
 Bullock, 83, 206, 242  
 Hooded, 205, 212, 296, 297, 301  
 Lichtenstein, 13  
 Orchard, 57  
 Scarlet-headed, 13  
 Scott, 83
- Orr, Robert T., a coastal record of the emperor goose in California, 90; the nesting season of the ashy petrel, 125; the saw-whet owl in San Francisco, 208
- Ortalis vetula poliocephala, 10
- Osprey, 71, 267
- Otocoris alpestris arcticola, 77, 240  
 alpestris hoyti, 78  
 alpestris leucolaema, 78  
 alpestris merrilli, 78  
 alpestris occidentalis, 78  
 alpestris utahensis, 78
- Otus asio inyoensis, 75  
 asio cineraceus, 75  
 asio maxwelliae, 75

- asio mychophilus*, 75  
*flammeolus flammeolus*, 75  
 Oven-bird, Gray, 208, 209  
 Owl, Barn, 36, 75  
     Burrowing, 266  
     Flammulated Screech, 75  
     Great Gray, 244  
     Horned, 239, 266  
     Inyo Screech, 75  
     Kelso Wood, 11  
     Long-eared, 75  
     Mexican Screech, 75  
     Mexican Spotted, 75  
     Montana Horned, 75  
     Northwestern Horned, 75  
     Pigmy, 302  
     Rocky Mountain Pigmy, 75  
     Saw-whet, 75, 132, 208  
     Short-eared, 21, 75, 239  
     Snowy, 75  
     Western Burrowing, 75  
     Western Horned, 75  
*Oxyechus vociferus*, 3, 239, 300  
*Oxyura jamaicensis rubida*, 70
- P**
- Pachyptila forsteri*, 93  
     *turtur*, 99, 101  
     *vittata*, 93  
*Palaegyptus prodromus*, 294, 295  
*Paleoborus*, 237  
*Paleoplancus sternbergi*, 236  
*Pandion haliaëtus carolinensis*, 71  
*Parabuteo unicinctus*, 129  
*Paraquet*, Salmon-fronted, 10  
*Parker*, Margueritte, American redstart in southern California, 298  
*Parrot*, White-fronted, 10  
*Partridge*, European, 72  
     Hungarian, 183  
*Parus atricapillus nevadensis*, 79  
     *gambeli gambeli*, 79  
     *gambeli inyoensis*, 79  
     *gambeli grinnelli*, 240  
     *hudsonicus cascadenis*, 240  
     *inornatus ridgwayi*, 79  
*Passer domesticus*, 56, 242  
     *domesticus domesticus*, 83  
*Passerculus sandwichensis alaudinus*, 85, 242  
     *sandwichensis anthinus*, 242  
     *sandwichensis nevadensis*, 85  
*Passerella iliaca*, 242  
     *iliaca schistacea*, 86  
*Passerherbulus caudatus*, 85  
*Passerina amoena*, 84, 242  
     *cyanca*, 57, 84  
*Pedioecetes phasianellus columbianus*, 72  
*Pelagodroma marina maoriana*, 101  
*Pelecanus erythrorhynchos*, 19, 26, 68, 128, 198-200, 207, 300  
     *halieus*, 27  
     *occidentalis*, 124  
     *occidentalis californicus*, 19, 68  
*Peleconoides urinatrix*, 101  
*Pelican*, Brown, 124  
     California Brown, 19, 68  
     White, 19, 26, 68, 128, 198-200, 207, 300  
*Pelidna alpina*, 21  
*Penelope cristata*, 219  
*Penguin*, Yellow-eyed, 99  
*Penthestes gambeli*, 246  
*Perdix perdix*, 183  
     *perdix perdix*, 72  
*Perisoreus canadensis bicolor*, 240  
     *canadensis capitalis*, 78  
     *canadensis griseus*, 240  
*Petrel*, Leach, 105  
     Ashy, 125, 126  
*Petrochelidon albifrons*, 34, 240  
     *albifrons albifrons*, 78  
     *albifrons aprophata*, 78  
     *albifrons hypopolia*, 78  
*Pewee*, Western Wood, 77, 240  
*Phainopepla*, 91  
     *nitens lepida*, 81  
     Northern, 81  
*Phalacrocorax albociliatus*, 27  
     *auritus*, 26, 27  
     *auritus auritus*, 68  
     *idahensis*, 27  
*Phalaenoptilus nuttallii nuttallii*, 76  
*Phalarope*, Northern, 74  
     Red, 74  
     Wilson, 74  
*Phalaropus fulicarius*, 74  
*Pharomachus mocinno*, 215, 234  
     *mocinno costaricensis*, 215  
     *mocinno mocinno*, 215  
*Phasianus colchicus torquatus*, 72, 239  
*Phasmagyps patritus*, 294, 295  
*Pheasant*, Ring-necked, 72, 239  
*Philacte canagica*, 90  
*Philomachus pugnax*, 57  
*Philortyx fasciatus*, 10  
*Phoebe*, Northern Black, 77  
     Say, 77, 240  
*Phoenicurus phoenicurus*, 110  
*Piaya cayana mexicana*, 11  
*Pica pica hudsonia*, 78, 240  
*Picoides tridactylus dorsalis*, 77  
     *tridactylus fasciatus*, 239  
*Piculus rubiginosus*, 221  
*Pigeon*, Band-tailed, 10, 75, 207, 239  
     Pink-billed, 10  
*Pinicola enucleator californica*, 90  
     *enucleator montana*, 84, 242  
*Pintail*, 62, 70, 300  
*Pipilo aberti*, 85  
     *fuscus*, 22  
     *maculatus arcticus*, 85  
     *maculatus curtatus*, 242  
     *maculatus montanus*, 85

- Pipit, Eastern, 81  
     Rocky Mountain, 81  
     Western, 89, 241  
 Piranga flava hepatica, 14  
     ludoviciana, 83, 242  
 Pisobia melanotos, 21  
     minutilla, 21, 300  
 Pitangus sulphuratus derbianus, 12  
 Pitelka, Frank A., white-throated swift breeding with cliff swallows at Berkeley, California, 34; review of Nice's "Studies in the Life History of the Song Sparrow. II," 38; review of Kendeigh's "Measurement of Bird Populations," 210-211; review of Bryan and Greenway's "Contribution to the Ornithology of the Hawaiian Islands," 211-212  
 Plectrophenax nivalis nivalis, 86  
 Plegadis guarauna, 19, 69  
 Plesiocathartes europaeus, 294  
 Plover, American Golden, 73  
     Azaras Ringed, 10  
     Black-bellied, 73  
     Golden, 73, 130  
     Pacific Golden, 130  
     Semipalmated, 73, 212, 243  
     Snowy, 20, 21  
     Upland, 73  
     Western Snowy, 73  
 Pluvialis dominica, 73  
     dominica dominica, 73, 130  
     dominica fulva, 130  
 Podilymbus podiceps podiceps, 68  
 Polioptila caerulea amoensissima, 81  
     nigriceps nigriceps, 13  
 Poocetes gramineus affinis, 85, 205  
     gramineus confinis, 85, 242  
 Poor-will, Nuttall, 76  
 Porphyryla martinica, 73  
 Porzana carolina, 72  
     jamaicensis, 72  
 Progne chalybea chalybea, 9, 12  
     subis, 15, 21, 240  
     subis subis, 78  
 Proictinia, 237  
 Psaltriparus minimus plumbeus, 79  
 Psilopterus australis, 295  
     communis, 295  
     intermedius, 295  
 Ptarmigan, Amchitka Rock, 121  
     Rock, 122, 183  
     Southern White-tailed, 72  
     White-tailed, 239  
 Pterodroma cookii, 93  
     inexpecta, 93  
     macroptera, 93  
 Puffinus gavia, 93  
     griseus, 93-106  
     pacificus, 94  
     puffinus puffinus, 96  
     reinholdi, 93  
     tenuirostris, 93  
 Pyrocephalus rubinus, 201  
     rubinus mexicanus, 77  
 Pyromelana franciscana, 57
- Q**
- Quail, Barred, 10  
     Bob-white, 153  
     California, 72, 154, 239  
     Gambel, 72  
 Quaintance, Charles W., California cuckoo collected in eastern Oregon, 68  
 Querquedula cyanoptera, 300  
 Quetzal, 213-235  
 Quigley, Ray, Jr., unusual nesting site of the western kingbird, 206; records of early nestings from southern California, 298
- R**
- Rail, Black, 72  
     Farallon, 72  
     King, 72  
     Sora, 72  
     Virginia, 72  
     Yellow, 72  
 Rallus crepitans, 72  
     elegans elegans, 72  
     limicola limicola, 72  
 Raven, 62, 108, 240, 300  
     American, 78  
 Ray, Milton S., and Miller, Alden H., discovery of a new vireo of the genus Neochloe in southwestern Mexico, 41  
 Recurvirostra americana, 21, 74, 127, 300  
 Redhead, 19, 20, 70, 300  
 Redpoll, Common, 84  
 Redstart, 110, 242  
     American, 22, 83, 90, 129, 298  
     Painted, 83, 132  
     Red-tail, 124  
 Red-wing, 46-58  
     Eastern, 46  
     Nevada, 83  
     Thick-billed, 46, 83  
     Tri-colored, 46, 57  
     Utah, 83  
 Regulus calendula cineraceus, 81  
     regulus olivaceus, 81  
     satrapa olivaceus, 241  
 Richdale, L. E., the sooty shearwater in New Zealand, 93  
 Richmondena cardinalis carnea, 14  
 Riparia riparia riparia, 78  
 Road-runner, 75, 204  
     Lesser, 11  
 Robin, 108-110  
     Northwestern, 241  
     Western, 80, 241  
 Ross, Aaron, the American redstart in Utah, 129  
 Ruff, 57

## S

- Salpinctes obsoletus*, 21  
     *obsoletus obsoletus*, 80  
*Saltator striatipectus*, 219  
*Saltator*, Streaked, 219  
*Sanderling*, 10, 74  
*Sandpiper*, Baird, 74  
     Least, 21, 74, 300  
     Pectoral, 21  
     Red-backed, 21, 74  
     Semipalmated, 74  
     Spotted, 10, 73, 239  
     Western, 21, 74, 300  
     Western Solitary, 73  
*Sapsucker*, Natalie, 77  
     Red-naped, 77, 239  
*Sarcoramphus kernensis*, 272-295  
     *papa*, 272-295  
*Sayornis nigricans semiatra*, 77  
     *saya*, 240  
     *saya saya*, 77  
*Scapanus guatemalensis*, 220  
     *guatemalensis nelsoni*, 12  
*Scardafella inca*, 10, 21  
*Scharff*, John C., the Louisiana heron in Oregon, 124  
*Scoter*, American, 62  
     White-winged, 70  
*Scotiaptex nebulosa nebulosa*, 244  
*Seed-eater*, Collared, 14  
*Seiurus aurocapillus*, 208  
     *aurocapillus cinereus*, 209  
     *noveboracensis*, 82  
     *noveboracensis notabilis*, 82  
*Selasphorus platycercus platycercus*, 76  
     *rufus*, 21, 76, 239  
*Setophaga picta picta*, 23  
     *ruticilla*, 22, 83, 129, 242, 298  
*Shaw*, William T., shower-bathing in the rain, 90  
*Shaw*, William T., and Culbertson, A. E., a flock of cedar waxwings meets tragedy, 205  
*Shearwater*, Manx, 96, 102  
     Sooty, 93-106  
*Shoveller*, 70, 300  
*Shrike*, California, 81  
     Great Basin, 81  
     Loggerhead, 177  
     Mexican, 13  
     Northwestern, 81  
     White-rumped, 81  
*Sialia currucoides*, 81, 241  
     *mexicana bairdi*, 80, 89  
     *mexicana occidentalis*, 80, 89, 205  
*Siskin*, Northern Pine, 84, 242  
*Sitta canadensis*, 240  
     *canadensis canadensis*, 79  
     *carolinensis*, 240  
     *carolinensis nelsoni*, 79  
     *carolinensis tenuissima*, 79  
     *carolinensis uintaensis*, 79  
     *pygmaea canescens*, 79  
     *pygmaea melanotis*, 79  
*Skutch*, Alexander F., life history of the quetzal, 213  
*Slipp*, J. W., additional records of the green heron in the Puget Sound basin, 35  
*Snipe*, Wilson, 74  
*Solitaire*, Jaliscan, 13  
     Townsend, 81, 241  
*Sooter*, Clarence A., methods of grasping and carrying prey, 88; winter record of mourning dove in south-central Oregon, 246  
*Squatarola squatarola*, 73  
*Sparrow*, Black-chinned, 85  
     Brewer, 85  
     Clay-colored, 85  
     Dakota Song, 86  
     Desert Black-throated, 85  
     Eastern Lincoln, 86  
     English, 56, 57, 83, 88, 242  
     Ferrari-Perez, 14  
     Fox, 242  
     Gambel, 86, 212, 242  
     Golden-crowned, 86, 242  
     Guerreran Ground, 14  
     Guerreran Rusty, 14  
     Harris, 86  
     Leconte, 85  
     Lincoln, 242  
     Merrill Song, 86, 242  
     Montane Lincoln, 86  
     Mountain Song, 86  
     Nevada Savannah, 85  
     Northern Sage, 85  
     Oregon Vesper, 85, 205  
     Oregon White-crowned, 86, 89  
     Rufous-crowned, 14  
     Sharp-tailed, 204  
     Slate-colored Fox, 86  
     Song, 62  
     Swamp, 86, 201, 203  
     Virgin River Song, 86  
     Western Chipping, 85, 242  
     Western Grasshopper, 85, 297  
     Western Lark, 85  
     Western Savannah, 85, 242  
     Western Tree, 85  
     Western Vesper, 85, 242  
     White-crowned, 50, 56, 57, 160, 177  
*Spatula clypeata*, 70, 300  
*Speotyto cunicularia hypugaea*, 75  
*Sphyrapicus thryoideus nataliae*, 77  
     *varius nuchalis*, 77, 239  
*Spinus pinus pinus*, 84, 242  
     *psaltria*, 299  
     *psaltria hesperophilus*, 84  
     *psaltria psaltria*, 84  
     *tristis*, 242  
     *tristis pallidus*, 84  
*Spizella arborea ochracea*, 85  
     *atrogularis evura*, 85

- breweri breweri, 85  
 pallida, 85  
 passerina arizonae, 85, 242  
 Spoonbill, Roseate, 19, 20, 69  
 Sporophila torqueola torqueola, 14  
 Starling, 56, 57, 81, 86  
 Star-throat, Pine, 11  
 Steganopus tricolor, 74  
 Stelgidopteryx ruficollis, 240  
   ruficollis aphractus, 78  
   ruficollis serripennis, 78  
 Stellula calliope, 76, 239  
 Stercorarius longicaudus, 74  
 Sterna forsteri, 75  
   hirundo hirundo, 75  
 Stewart, Robert E., food habits of blue grouse, 112  
 Stilt, Black-necked, 21, 74  
 Storer, Robert W., records of the paraquet auklet and the Pacific fulmar for Marin County, California, 244  
 Stork, Asphalt, 27  
 Streptopelia risoria, 243  
 Strix occidentalis lucida, 75  
 Sturnella magna alticola, 13  
   neglecta, 83, 207, 242  
 Sturnus vulgaris, 56  
   vulgaris vulgaris, 81  
 Sumner, Eustace Lowell, biography of, 37  
 Swallow, Bank, 78  
   Barn, 78, 240  
   Black, 239  
   Cliff, 34, 212, 240  
   Rough-winged, 78, 240  
   Tree, 21, 78  
   Violet-green, 78, 240  
   Western Cliff, 78  
 Swan, Mute, 108  
   Trumpeter, 69  
   Whistling, 28, 69  
 Swifts, Vaux, 33, 212, 239  
   Western White-throated, 76  
   White-throated, 34, 239
- T
- Tachycineta thalassina lepida, 78, 240  
 Tanager, Western, 83, 212, 242  
 Tattler, Wandering, 212  
 Teal, Blue-winged, 70  
   Cinnamon, 70, 300  
   European Green-winged, 62  
   Green-winged, 70, 300  
 Teratornis, 30  
   merriami, 294  
 Telmatodytes palustris, 21  
 Tern, Black, 74  
   Caspian, 74  
   Common, 75  
   Forster, 75  
 Thrasher, Bendire, 80  
   Brown, 80  
   Crissal, 80  
   Curve-billed, 21  
   Leconte, 80  
   Sage, 80  
 Thrush, Alaska Hermit, 80, 205  
   Audubon Hermit, 80  
   Dwarf Hermit, 80  
   Monterey Hermit, 241  
   Mountain Olive-backed, 80  
   Pacific Varied, 241  
   West Mexican, 13  
   Western Olive-backed, 241  
   Willow, 80, 241  
 Thryomanes bewickii eremophilus, 79  
 Titmouse, Gray, 79  
 Tityra semifasciata, 225  
 Totanus flavipes, 35  
   melanoleucus, 300  
 Toucanet, Blue-throated, 225  
 Towhee, Abert, 85  
   Arctic, 85  
   Brown, 22  
   Green-tailed, 85  
   Nevada Spotted, 242  
   Spurred, 85  
 Toxostoma bendirei, 80  
   curvirostre, 21  
   dorsale dorsale, 80  
   lecontei lecontei, 80  
   rufum, 80  
 Tringa flavipes, 73  
   melanoleuca, 73  
   solitaria cinnamomea, 73  
 Troglodytes aëdon, 241  
   aëdon parkmanii, 79  
   musculus, 234  
 Trogon aurantiiventris, 216  
   bairdii, 220  
   citreolus, 11  
   collaris puella, 216  
   elegans ambiguus, 11  
   mellanocephalus mellanocephalus, 224  
   mexicanus, 216  
 Trogon, Baird, 220, 229, 230, 233, 234, 240  
   Black-headed, 224, 225, 230, 233  
   Citreoline, 11  
   Coppery-tailed, 11  
   Graceful, 219, 220, 223-226  
   Jalapa, 209, 216, 220, 223, 224, 226, 232  
   Mexican, 209, 216, 220, 224-226, 230, 232, 233  
 Trogonurus curucui tenellus, 219  
 Turdus assimilis renominatus, 13  
   migratorius caurinus, 241  
   migratorius propinquus, 80, 241  
 Turkey, Florida, 133  
   Merriam, 133  
   Mexican, 133  
   Rio Grande, 133  
   Wild, 35, 133-195

Turnstone, Ruddy, 212  
 Twomey, Arthur C., notes on some birds taken  
 in Utah, 89; a correction of identifica-  
 tion of sandpipers, 90  
 Tympanuchus cupido, 183  
 Tyrannus melancholicus occidentalis, 12  
   tyrannus, 77, 240  
   tyrannus hespericola, 77  
   verticalis, 77, 206, 240  
   vociferans, 77  
   vociferans xenopterus, 12  
 Tyto alba pratincola, 36, 75

## V

Valentine, K. A., the gray ovenbird in New Mex-  
 ico, 208  
 van Rossem, A. J., the Santa Cruz Island flicker,  
 245; portrait of, 301  
 Veniliornis oleaginus, 221  
 Verdin, Arizona, 79  
 Vermivora celata, 241  
   celata celata, 82, 89  
   celata lutescens, 89  
   celata orestera, 82, 89  
   luciae, 82, 205  
   ruficapilla ridgwayi, 82, 241  
   virginiae, 82  
 Vireo bellii arizonae, 81  
   gilvus, 241  
   gilvus leucopolius, 82  
   gilvus swainsoni, 82  
   olivaceus, 82, 241  
   solitarius cassinii, 81, 241  
   solitarius plumbeus, 81  
   vicinior, 81, 244  
 Vireo, Arizona, 81  
   Cassin, 81, 241  
   Gray, 81, 244  
   Oregon Warbling, 82  
   Plumbeus, 81  
   Red-eyed, 82, 241  
   Warbling, 241  
 Vultur fossilis, 294, 295  
   gryphus, 272-295  
   patruus, 294, 295  
 Vulture, Black, 272-295  
   King, 272-295  
   Turkey, 272-295  
   Western Turkey, 79

## W

Warbler, Audubon, 241, 248  
   Black and White, 158, 243  
   Blackburnian, 82  
   Black-throated Gray, 82  
   Calaveras, 82, 241  
   Chestnut-crowned, 13  
   Eastern Yellow, 82  
   Grace, 82  
   Hermit, 23, 24

Lucy, 82, 205  
 Lutescent Orange-crowned, 89  
 Macgillivray, 82, 241  
 Myrtle, 82, 159  
 Northern Audubon, 82  
 Northern Orange-crowned, 82  
 Northern Pileolated, 83  
 Orange-crowned, 241  
 Palm, 22  
 Pileolated, 241, 298  
 Rocky Mountain Audubon, 82  
 Rocky Mountain Orange-crowned, 82  
 Rocky Mountain Yellow, 82, 241  
 Townsend, 23, 24, 82, 241  
 Virginia, 82  
 Yellow, 245  
 Water-thrush, 82  
   Louisiana, 158  
 Waxwing, Bohemian, 81  
   Cedar, 81, 205, 206, 241  
 Wekas, 93, 98  
 Widgeon, European, 131  
 Willet, Western, 23, 127  
 Willett, G., review of Brandt's "Alaska Bird  
 Trails," 247  
 Wilsonia pusilla, 241, 298  
   pusilla pileolata, 83  
 Woodhewer, Grayson, 12  
 Woodpecker, Acapulco, 11  
   Acorn, 221  
   Alaska Three-toed, 239  
   Alpine Three-toed, 77  
   Ant-eating, 12  
   Downy, 239  
   Green, 221  
   Guatemalan Ivory-bill, 220  
   Hairy, 221  
   Ivory-billed, 222  
   Lewis, 76, 239  
   Modoc Hairy, 239  
   Nelson Ivory-billed, 12  
   Oleaginous, 221  
   Pileated, 124, 220, 222, 239  
   Rocky Mountain Downy, 77  
   Rocky Mountain Hairy, 77  
   Vigors Pileated, 12  
   Western Red-headed, 76  
   White-breasted Hairy, 77  
   Yuma Ladder-backed, 77  
 Wren, Bewick, 299  
   Boucard Cactus, 13  
   Cactus, 298  
   Cañon, 80  
   Desert Bewick, 79  
   House, 234, 241  
   Marsh, 21  
   Northern Cactus, 79  
   Rock, 21, 80  
   Western House, 79  
   Western Marsh, 79

Western Winter, 79, 241  
 Winter, 4  
 Wren-tit, 299  
 Wright, Philip L., American golden-eyes feeding  
 on salmon eggs, 126  
 Wright, Philip L., and Wright, Margaret H., the  
 reproductive cycle of the male red-winged  
 blackbird, 46

## X

Xanthocephalus xanthocephalus, 22, 23, 57  
 Xema sabini, 34, 74  
 Xiphorhynchus flavigaster mentalis, 12

## Y

Yellow-legs, Lesser, 35, 73  
 Greater, 73, 300

Yellow-throat, 298  
 Baird, 219  
 Tule, 83  
 Western, 83

## Z

Zenaidura macroura, 239, 243, 246  
 macroura marginella, 75  
 Zonotrichia coronata, 86, 242  
 leucophrys, 56, 160  
 leucophrys gambelii, 86, 242  
 leucophrys leucophrys, 89  
 leucophrys oriantha, 79, 86  
 querula, 86