

INDEX TO VOLUME XXXIII.

[New generic, specific, and subspecific names are printed in heavy face type.]

- ACANTHIS** *hornemanni* *exilipes*, 401.
linaria linaria, 170, 309, 402.
- Acanthopneuste** *borealis borealis*, 328.
tenellipes, 47.
- Accipiter** *atricapillus atricapillus*, 67.
cirrocephalus quæsitandus, 91.
striatus venator, 128.
velox, 67, 300, 364.
- Acrocephalus** *bistrigiceps*, 47.
- Actitis** *hypoleucis*, 45.
macularia, 37, 66, 188, 299, 411.
- Æchmophorus** *occidentalis*, 363.
- Ægialitis** *hiaticula*, 429.
h. major, 429.
h. tundra, 220.
semipalmata, 66, 252, 321.
- Æstelata** **cahow**, 194, 426.
fisheri, 335.
- Africa**, 89, 90, 112, 210.
- Agelaius** *phœniceus aciculatus*, 428.
p. caurinus, 366.
p. nevadensis, 428.
p. fortis, 307.
p. phœniceus, 33, 168.
subniger, 333.
thilius, 399.
xanthomus, 407.
- Aimophila** *ruficeps eremœca*, 191.
- Aix sponsa**, 15.
- Alaska**, 321, 335, 370-376, 400-403, 432.
- Alauda** *arvensis pekinensis*, 48.
- Alyone richardsi** *oalœ*, 210.
r. bougainvillei, 210.
- Alectrocnas** *pulcherrima*, 97.
- Allen, Francis H., a nesting of the Rose-breasted Grosbeak, 53-56.
- Aluco** *pratinctola*, 77, 201, 328, 430.
- Amazona** *leucocephala hesterna*, 338.
l. palmarum, 333.
vittata, 413.
- American Museum Expedition to South America, 356.
- American Ornithologists' Union, badge, 114; thirty-fourth stated meeting, 235, 461.
- American Ornithologists' Union Check-List of N. A. Birds, proposed changes in, 425-431.
- Amizilis** *cerviniventris chalconota*, 430.
yucatanensis chalconota, 430.
- Ammodramus** *savannarum australis*, 37.
s. bimaculatus, 190.
- Amoropsittaca**, 92.
- Anas** *acuta americana*, 22.
carolinensis, 22.
fulvigula fulvigula, 432.
f. maculosa, 432.
platyrhynchos, 12-13, 363.
rubripes, 13-15.
r. tristis, 13-15.
- Ani**, 413.
- Anthracothorax** *aurulentus*, 415.
viridis, 407.
- Anthus** *borealis*, 99.
correndera, 396.
hodgsoni, 48.
rubescens, 167, 315.
- Antrostomus** *carolinensis*, 328, 414.

- Anumbius anumbi, 391.
 Apaloderma minus, 90.
 Aphelocoma californica obscura, 86.
 texana, 190.
 Aquila chrysaetos, 301.
 Aramidæ, 108.
 Aramides ypecaha, 386.
 Aramus scolopaceus, 388.
 Arara aymara, 92.
 Aratinga sp., 413.
 Archibuteo ferrugineus, 301.
 Archilochus colubris, 70.
 Arctonetta, 280.
 Arctositta, 445.
 Ardea, 98, 346.
 herodias, 63.
 h. fannini, 363.
 h. hyperonca, 426.
 h. occidentalis, 431.
 h. oligista, 426.
 h. sanctilucae, 426.
 h. treganzai, 426.
 h. wardi, 431.
 wurdemanni, 431.
 Ardetta involucris, 388.
 Arenaria interpres morinella, 321.
 Argentina, 384-399.
 Argicus macrodactylus caurensis,
 444.
 Asio flammeus, 301.
 galapagoensis æquatorialis, 220.
 portoricensis, 407.
 wilsonianus, 301.
 Astragalinus psaltria mexicanus,
 190.
 tristis pallidus, 204.
 t. salicamans, 366.
 t. tristis, 35, 170, 190.
 Asyndesmus lewisi, 365.
 Atrichia clamosa, 345.
 Atthis heloisa morcomi, 430.
 morcomi, 430.
 'Austral Avian Record, The,' re-
 views of, 222, 345.
 Australia, 91, 336, 341.
 Austrotis australis melvillensis, 222.
 Automolus brooki, 220.
 Aves in the Zoological Record for
 1914, noticed, 340.
 'Avicultural Magazine,' reviews of,
 97, 221, 344, 452.
 BAILEY, B. H., Krider's Hawk
 (*Buteo borealis krideri*) in Alaska,
 321.
 Bailey, Harold H., membership in
 the A. O. U., 227.
 Baily, William L., nest of the Alder
 Flycatcher on the Pocono Mt.,
 Pa., 199; Yellow-bellied Fly-
 catcher (*Empidonax flaviventris*)
 breeding on the Pocono Mt., Pa.,
 200.
 Balanosphyra, 431.
 formicivora aculeata, 430.
 Baldpate, 15, 23.
 Bangs, Outram, notice of recent
 papers by, 336; review of his 'A
 Collection of Birds from the
 Cayman Islands,' 338; see also,
 Thayer, John E.
 Barnardius barnardi lindoi, 222.
 zonarius myrtæ, 341.
 Bartramia longicauda, 65.
 Bavarian Ornithological Society,
 Proceedings of, reviewed, 98.
 Beal, F. E. L., review of his 'Food
 Habits of the Thrushes of the
 United States,' 89.
 Beetz, Johan, Notes on the Eider,
 286-292.
 Belonopterus cayennensis, 387.
 Bergtold, W. H., eye shine in birds,
 81; the Calaveras Warbler in
 Colorado, 325; Cassin's Sparrow
 in Colorado, 435; birds with
 accessory wings, 439; pseudo-
 masculinity in birds, 439.
 Berlepsch, Graf Hans von, note
 on, 114.
 Bermuda, 194-195.
 Betts, Norman deW., notes from
 Wisconsin, 438.
 'Bird-Lore,' reviews of, 95, 218,

- 342, 450; notice of index to, 443.
- Bird protection, notice of recent papers on, 341.
- Bird protective treaty with Canada, 460.
- Bittern, 164, 298.
- Biziura, 279.
- Blacicus blancoi, 407.
- Blackbird, Brewer's, 307.
Porto Rican, 419.
Red-winged, 31, 33, 168.
Rusty, 166, 169.
Yellow-headed, 307.
- Blackbreast, 251.
- Blackcock, 152.
- Blackwelder, Eliot, late nesting of the Montana Junco, 77.
- Blake, S. F., the Catbird in winter in Massachusetts, 325; breeding of the Golden-crowned Kinglet in Norfolk County, Massachusetts, 326.
- Bluebird, 186.
Mountain, 317.
- 'Blue-Bird,' reviews of, 219, 343.
- Bobolink, 82, 168.
- Bob-white, 321.
Florida, 330.
Texas, 188.
- Bolborhynchus, 92.
- Bombycilla cedrorum, 175.
garrulus ussuriensis, 99.
- Bonasa umbellus sabini, 364.
u. thayeri, 426.
u. togata, 66.
u. umbellus, 438.
u. yukonensis, 426, 451.
- Booby, 409.
- Botaurus lentiginosus, 63, 164, 298.
- Bowditch, B. S., and Philipp, P. B., the Tennessee Warbler in New Brunswick, 1-8.
- Bowles, H., a record of the Golden Plover (*Charadrius dominicus dominicus*) in the State of Washington, 76.
- Brachypteryx poliogyna mindorensis, 452.
- Brachyrampus craverii, 80.
- Brachyspiza capensis capensis, 398.
- Bradypterus carpalis, 210.
- Brambling, 400.
- Brant, 164.
Black, 401.
- Branta bernicla glaucogastra, 164.
canadensis, 24-27.
c. canadensis, 63, 164.
nigricans, 401.
- Brazil, 114.
- Brewster, William, Barrow's Golden-eye at Wareham, Mass., 197.
- 'British Birds,' reviews of, 96, 221, 344, 452.
- British Columbia, 420.
- British Guiana, 440.
- Brooks, W. Sprague, some unusual records for Massachusetts, 328; review of his 'Notes on Birds from East Siberia and Alaska,' 335.
- Bryan, William Alanson, an undescribed species of Drepanididae on Nihoa, Hawaiian Group, 49-52; review of his 'Natural History of Hawaii,' 207.
- Bubo blackistoni, 89.
bubo borissowi, 99.
b. zaissanensis, 99.
dœrriesi, 89.
virginianus neochanes, 427.
v. saturatus, 364.
- Budytes flavus alascensis, 328.
f. taivanus, 47.
- Bufflehead, 16-17, 23, 401.
- 'Bulletin British Ornithologists' Club,' reviewed, 96, 220, 344, 452.
- Bullhead, 251.
- Bunting, Indigo, 174.
Lazuli, 312.
Snow, 166, 171.
- Burhinus œdicnemus, 341.
o. astutus, 341.

- Burnett, W. L., two Trumpeter
Swan Records for Colorado, 198.
- Buteo borealis*, 67, 410.
b. *calurus*, 300, 364.
b. *krideri*, 321.
lineatus lineatus, 67.
l. *texanus*, 427.
swainsoni, 200, 301.
- Butorides striata*, 388.
virescens cubanus, 410.
v. *virescens*, 329.
- Buturlin, S. A., review of his 'A
Short Review of the Nuthatches,'
445.
- CALCARIUS lapponicus lapponicus*,
166.
- Calidris leucophæa*, 247.
- California, 86, 113, 212, 434.
- Calliope calliope calliope, 47.
- Callipepla squamata pallida*, 430.
squamata, 430.
- Callisitta*, 445.
- Canachites canadensis canace*, 66.
- Canvas-back, 22-24, 380.
- Capito auratus insperatus*, 444.
dayi, 444.
- Caprimulgus cayennensis*, 92.
- Caracara, 388.
Audubon's, 188.
- Cardinalis herreræ*, 349.
- Carduelis carduelis bermudiana*, 428.
c. *colchicus*, 223.
- Carib, Green, 414.
- Carnegie Museum, bird collection
of, 461.
- Carpodacus cassini*, 308.
erythrinus, 99.
purpureus purpureus, 38, 77,
170.
- 'Cassinia, 1915,' review of, 336.
- Catbird, 29-30, 31, 33, 82, 182, 192,
315, 325.
- Catharista urubu*, 381.
- Catherpes mexicanus conspersus*,
192.
- Catoptrophorus semipalmatus*, 198.
s. *inornatus*, 298.
- Celebes, 91.
- Celeus roosevelti*, 338.
- Centrocercus urophasianus*, 300.
- Centurus aurifrons*, 189.
- Cepphus columba*, 402.
grylle, 163.
mandti, 163.
- Cerchneis*, 336, 431.
- Cerrioleptes, xenurus*, 90.
- Certhia familiaris americanus*, 183,
193, 330.
f. *occidentalis*, 369.
- Ceryle alcyon*, 37, 68, 301.
a. *caurina*, 364.
amazona, 389.
americana, 389.
a. *septentrionalis*, 189.
- Cettia sumatrana*, 344.
- Chamepelia passerina bahamensis*,
332.
p. *exigua*, 407.
p. *passerina*, 332.
p. *trochila*, 411.
- Chatura caudacuta caudacuta*, 46.
chapmani viridipennis, 338.
melanopygia, 90.
pelagica, 37, 70.
vauxi, 365.
- Chalcophaps chrysochlora dis-
juncta*, 222.
- Chapin, James P., review of his
'Descriptions of Three New Birds
from the Belgian Congo,' 90;
review of his 'Four New Birds
from the Belgian Congo,' 210;
review of his paper on 'The
Pennant-Winged Night-jar and
its Migration,' 337.
- Chapman, F. M., notice of his
'Diagnoses of Apparently New
Colombian Birds,' 211; review of
his 'The Travels of Birds,' 441.
- Charadrius dominicus dominicus*,
76, 199.

- Charadrius d. fulvus, 96, 381.
Charitonetta, 280.
 albeola, 16-17, 401.
Chaulelasmus streperus, 379.
Chen hyperboreus hyperboreus,
 164, 197.
 nivalis, 62, 381.
 cærulescens, 197.
Cherrie, George K., notice of his
 'Some Apparently Undescribed
 Birds from the Collection of the
 Roosevelt South American Expe-
 dition, 338; notice of his papers
 on new neotropical birds, 444.
Chickadee, 31, 37, 183.
 Acadian, 184.
 Chestnut-backed 369.
 Long-tailed, 316.
 Mountain, 316.
 Oregon, 369.
Childs, John Lewis, crows destroy-
 ing Quail, 435; the Carolina Wren
 in the Maine wilderness, 438.
China, 90.
Chiones, 220, 352.
Chloris sinica ussuriensis, 48.
Chloroceryle, 431.
Chlorocenas, 331, 431.
 inornata exigua, 190, 348.
Chlorophoneus quadricolor inter-
 cedens, 99.
Chlorostilbon aureoventris aureo-
 ventris, 390.
 maugæi, 407.
 puruensis, 100.
Chordeiles acutipennis inferior, 428.
 virginianus henryi, 302.
 v. howelli, 428.
 v. virginianus, 70, 390.
Chordeilidæ, 428.
Chryserpes, 89.
Chubb, Charles, review of his 'The
 Birds of British Guiana,' 440.
Chubb, S. H., Egrets in Van
 Cortland Park, New York City,
 433.
Chuck-will's-widow, 328, 414.
Ciccaba albitarse goodfellowi, 220.
 superciliaris macconnelli, 441.
Ciccinnurus regius claudii, 210.
Cinclus mexicanus unicolor, 315,
 368.
Circus assimilis quirindus, 91.
 cinereus, 389.
 hudsonius, 67, 300.
 maculosus, 389.
Cistothorus platensis taniæ, 445.
Clangula, 281.
 clangula, 400.
 clangula americana, 363.
 islandica, 197.
Clarke, Charles E., Blue Goose-
 (*Chen cærulescens*) in Maine, 197.
Cloëphaga hybrida **malvinarum**,
 423.
 h. hybrida, 423.
 magellanica, 276.
 rubidiceps, 97.
Coale, Henry K., Swainson's Hawk
 in Illinois, 200; Bicknell's Thrush
 in northeastern Illinois, 203;
 note on the nesting of the Valley
 Quail, 434; notice of his 'Birds
 of Lake County, Ill.,' 212.
Coccythraustes, 346.
 c. japonicus, 429.
Coccyzus americanus occidentalis,
 189.
 erythrophthalmus, 68.
 melanocoryphus, 390.
 minor minor, 331, 431.
 m. maynardi, 331, 431.
 m. nesiotis, 331, 413.
Cœnocypha pusilla, 96.
Cœreba portoricensis, 418.
Colaptes auratus auratus, 442.
 a. borealis, 427.
 a. luteus, 36, 69, 165, 189, 442.
 cafer cafer, 322.
 c. collaris, 302, 324, 165, 189.
 c. mexicanus, 324.
 c. saturator, 324, 365.

- Colaptes chrysoides rufipilius*, 324.
mexicanus, 324.
Colinus virginianus floridanus, 330.
 v. taylori, 426.
 v. texanus, 188.
 v. virginianus, 435.
 Collinge, Walter E., notice of his
 'Observations on the Rate of
 Digestion in Different Groups of
 Wild Birds,' 216.
Collocalia francica yorki, 344.
 Colorado, 41-42, 198, 292-317, 325.
 Colombia, 211.
 Columba, 331.
 fasciata fasciata, 300, 364.
 junoniae, 341.
 laurivora, 341.
 leuconota gradaria, 341.
Columbula picui, 386.
Colymbus auritus, 401.
 nigricollis californicus, 297.
Compsothlypis americana usneae,
 177, 418.
Compsotheraupis, 92.
 'Condor, The,' reviews of, 95, 218,
 343, 451.
Conuropsis carolinensis interior,
 331, 427.
 c. ludovicianus, 331.
 Cooke, Wells W., the type locality
 of *Brachyramphus craverii*, 80;
 Labrador bird notes, 162-167;
 the type locality of *Uria t. troile*,
 196; the Scissor-tailed Flycatcher
 in New Mexico, 324; review of
 his 'Distribution and Migration
 of North American Gulls and
 their Allies,' 87; obituary notice
 of, 354.
Cookilaria cookii byroni, 221.
 Coot, 363.
Coracina novæhollandiæ kuehni,
 344.
 Cormorant, Violet-green, 402.
 Cortlylio, 431.
Corvus americanus, 100.
Corvus brachyrhynchos brachy-
rhynchos, 37, 73, 306.
 b. caurinus, 430.
 b. paulus, 428.
 caurinus, 366, 430.
 corax sinuatus, 306.
 c. principalis, 366.
 l. leucognaphalus, 407.
 Cory, Charles B., notice of his
 'Descriptions of Apparently New
 South American Birds,' 445.
Coryphospingus pileatus, 445.
 brevicaudus, 388.
Cosmetornis, 338.
 Courlan, 388.
 Cowbird, 31, 35, 168, 190, 201,
 307.
 Glossy, 419.
 Crane, Sandhill, 298.
Cranioleuca maluroides, 391.
Creciscus jamaicensis, 433.
 melanophæus macconnelli, 441.
 murivagus, 445.
 Creeper, Brown, 183, 193, 330.
 California, 369.
 Porto Rican Honey, 418.
Criniger ochraceus sacculatus, 96.
Crocomorphus flavus inornata, 445.
 Crosby, Maunsell S., warbler notes
 from Rhinebeck, N. Y., 436.
 Crossbill, 201, 308, 366.
Crotophaga ani, 413.
 Crow, 31, 37, 73, 306.
 Northwestern, 366.
Cryptoglaux acadica acadica, 431.
 a. brooksi, 431.
 a. scotæa, 431.
 funerea funerea, 429.
Cryptolopha muhleri sumatrensis,
 454.
 Cuckoo, Black-billed, 68.
 California, 189.
 Mangrove, 413.
 Viellot's Ground, 413.
Cuculus canorus telephonus, 46.
 Curlew, Eskimo, 165, 434.

- Cyanocitta cristata cristata, 37,
73, 166.
 stelleri diademata, 305.
 stelleri, 365.
- Cyanocompsa parellina beneplacita
347.
- Cyanoderma melanothorax balien-
sis, 96.
- Cyanopsitta, 331.
- Cyanositta, 445.
- Cyanosylvia suecica robusta, 328.
- Cyanotis rubrigaster, 393.
- Cygnus buccinator, 346.
- DABBENE, Roberto, notice of recent
papers by, 90; notice of his
'Notas Biologicas sobre Gallare-
tas y Macas,' 446.
- Dafila acuta, 45, 429.
 a. americana, 429.
 spinicauda, 272.
 eatoni, 276.
- Daphnopsitta, 445.
- Dawson, W. L., notice of his Mu-
seum of Comparative Oölogy, 235.
- Delaware Valley Ornithological
Club, notice of annual meeting,
235.
- Dendragapus obscurus flemingi, 426.
 o. fuliginosus, 363.
 o. obscurus, 299.
- Dendrocopus mixtus, 390.
- Dendrocygna arborea, 410.
 autumnalis, 410.
 discolor, 90.
 viduata, 429.
- Dendroica adelaidæ, 417.
 æstiva æstiva, 34, 167, 178, 314.
 a. brewsteri, 367.
 auduboni, 205.
 a. auduboni, 192, 314, 367.
 cærulescens cærulescens, 178,
 417.
 c. cairnsi, 431.
 castanea, 180.
 chrysoparia, 192.
- Dendroica coronata, 167, 178, 417.
 c. hooveri, 428.
 discolor, 329, 417.
 dominica albilora, 192.
 fusca, 180.
 magnolia, 179.
 nigrescens, 367.
 occidentalis, 368.
 palmarum hypochrysea, 181.
 pensylvanica, 179.
 petechia bartholemica, 418.
 striata, 138, 167.
 tigrina, 203, 418.
 townsendi, 367.
 vigorsii, 181.
 virescens, 37, 167, 180.
- Dicæum beccarii, 454.
- Diphylloides rothschildi, 210.
- Dipper, 315, 368.
- Dixon, Joseph, migration of the
Yellow-billed Loon, 370-376.
- Dolichonyx oryzivorus, 168, 419.
- Dove, Mourning, 165.
 Porto Rican Ground, 411.
 Western Mourning, 300.
 Zenaida, 412.
- Dowitcher, 241.
 Long-billed, 381.
- Dresser, Henry Eeles, obituary
notice of, 114, 232.
- Dromas ardeola, 344.
- Dryophila phantatis, 444.
- Dryobates minor kamschatkensis,
46.
 mixtus berlepschi, 99.
 pubescens glacialis, 427.
 pubescens homorus 302.
 p. medianus, 37, 69, 442.
 p. microleucus, 427.
 scalaris bairdi, 430.
 s. eremicus, 427.
 s. cactophilus, 427.
 s. symplectus, 427.
 villosus icastus, 427.
 v. harrisi, 364.
 v. leucomelas, 69.

- Dryobates villosus leucothorectis*, 427.
 v. monticola, 301.
 v. ornis, 427.
 v. sitkensis, 303, 427.
Dryocopus martius silvifragus, 90.
Dryonastes propinquus, 349.
 Duck, Black, 13-15, 62, 163.
 Florida, 432.
 Harlequin, 363.
 Lesser Scaup, 410.
 Mottled, 432.
 Rosy-billed, 388.
 Ruddy, 298.
 Scaup, 164.
 West Indian Tree, 410.
 Wood, 15.
Dumetella carolinensis, 29-30, 33, 182, 192, 315, 325.
Dysithamnus extremus, 444.
 mentalis, 444.
 m. æquatorialis, 444.
 m. cumbreanus, 99.
 m. lateralis, 444.
 EAGLE, Bald, 68, 364.
 Golden, 301.
 Economic ornithology in recent entomological publications, 216-218, 448.
 Egret, 410, 433.
 Egretta, 333.
 thula thula, 410.
 Eider, 286-292.
 King, 286, 328.
 Northern, 164.
Elainea albiceps albiceps, 394.
 martinica martinica, 415.
Elainea, Antillean, 415.
 Elliot, Daniel Giraud, obituary notice of, 230.
Emberiza aureola, 48.
 spodocephala personata, 48.
Embernagra platensis, 398.
Empidonax difficilis difficilis, 365.
 flaviventris, 200.
 hammondi, 365.
Empidonax minimus, 72, 189.
 trailli alnorum, 72, 199.
 t. trailli, 189, 365.
 virescens, 36.
 wrighti, 304, 365.
 'Emu, The,' reviews of, 97, 221, 345, 452.
Eophona melanura sowerbyi, 90.
Epthianura crocea, 345.
Ereunetes pusillus, 64, 188, 245, 320.
Erionetta, 281.
Erismatura jamaicensis, 298.
Erolia bairdi, 341.
 subminuta, 341.
Erythroicichla bicolor whiteheadi, 220.
Euchlornis viridis chachapoyas, 99.
Euphagus carolinus, 166, 169.
 cycanocephalus, 307.
Euphonia, Porto Rican, 419.
Eupoda wilsonia rufinucha, 411.
 FALCINELLUS *meyeri albicans*, 214.
 Falco, 336.
 columbarius columbarius, 68.
 c. suckleyi, 364.
 peregrinus pealei, 401, 451.
 rusticolus candicans, 431.
 r. gyrfalco, 431.
 r. obsoletus, 431.
 r. rusticolus, 431.
 sparverius loquacula, 410.
 s. phalæna, 86, 364.
 s. sparverius, 301.
 'Falco,' review of, 346.
 Falcon, Peale's, 401.
 Falkland Islands, 423.
 Feathers, structure of, 348.
 Finch, Brown-capped Rosy, 309.
 Cassin's Purple, 308.
 Gray-crowned Rosy, 308.
 Purple, 38, 77, 170.
 Flamingo, 410.
 Fleming, J. H., the Saw-whet Owl of the Queen Charlotte Islands, 420-423.

- Flicker, Northern, 31, 36, 69, 165, 189.
North-western, 365.
Red-shafted, 302, 324.
- Florida, 329.
- Florida *cærulea cærulescens*, 410.
- Fluvicola albiventer, 392.
- Flycatcher, Acadian, 31, 36.
Alder, 72, 199.
Antillean, 415.
Crested, 31, 34, 71.
Hammond's, 365.
Least, 72, 132, 189.
Olive-sided, 365.
Scissor-tailed, 324.
Traill's, 189, 365.
Vermilion, 394.
Western, 365.
Wright's, 304, 365.
Yellow-bellied, 200.
- Forbush, E. H., review of his 'The Domestic Cat,' 339.
- Ford, N. C., Junco breeding at West Quincy, Mass., 436.
- Formicivora rufa chapmani, 445.
- Fregata magnificens, 409.
- Fregetta grallaria, 429.
leucogaster, 429.
- Fringilla montifringilla, 400.
- Fry, Henry J., a study of the seasonal decline of bird song, 28-40.
- Fuertes, Louis Agassiz, notes on hybrid ducks from Long Point, Ontario, 75.
- Fulica americana, 363.
armillata, 446.
grenadensis, 445.
ruffrons, 446.
- Furnarius rufus rufus, 391.
- GADWALL, 379.
- Gage, Bert L., Evening Grosbeak at Williamsport, Pa., 325.
- Gaige, F. M., review of his 'The Birds of Dickinson County, Michigan,' 88.
- Gallinago, 434.
delicata, 64, 164.
paraguayæ, 388.
stenura, 45.
- Gallinula chloropus, 337.
c. cachinnans, 337, 430.
c. cerceris, 337.
c. galeata, 337.
c. garmani, 337.
c. pauxilla, 337.
galeata, 430.
g. galeata, 411.
- Gallinule, Florida, 411.
Purple, 196.
- Gallinuloides wyomingensis, 92.
- Gates, Frank C., see Wood, N. A.
- Gavia adamsi, 370-376.
immer, 163, 363.
stellata, 44, 75.
- Gelochelidon nilotica, 429.
n. aranea, 429.
- Gennæus, 349.
- Geothlypis æquinoctialis cucullata, 397.
trichas arizela, 431.
t. occidentalis, 431.
t. scirpicola, 428.
t. trichas, 34, 181.
- Geotrygon, 331.
montana, 411.
- Gertken, Severn, a record of Townsend's Solitaire, (*Myadestes townsendi*), 327.
- Glaucidium gnoma californicum, 364, 427.
g. grinnelli, 427.
g. pinicola, 301.
g. swarthy, 427.
g. vigilante, 427.
- Gnatcatcher, Blue-gray, 78.
- Golden-eye, 363.
Barrow's, 197.
European, 400.
- Goldfinch, 31, 35, 170, 190.
Western, 204.
Willow, 366.
- Goose, Blue, 197.

- Goose, Canada, 24-27, 63, 164, 198.
 Greater Snow, 62.
 Lesser Snow, 197.
 Snow, 164, 381.
- Gordon, Seton, review of his 'Hill Birds of Scotland,' 93.
- Goshawk, 67.
- Grackle, Bronzed, 169.
- Grallaria nuchalis obsoleta, 220.
- Grammopsittaca, 92.
- Grassquit, Bryant's, 419.
 Carib., 419.
- Great Britain, 84.
- Grebe, Antillean Pied-billed, 409.
 Eared, 297.
 Great Crested, 100.
 Horned, 401.
 Little, 100.
 Pied-billed, 297, 363.
 Western, 363.
- Grinnell, George Bird, some Audubon letters, 119-130; Willets in migration, 198.
- Grinnell, Joseph, review of his 'Distributional List of the Birds of California,' 86; notice of his 'Analysis of the Vertebrate Fauna of the Trinity Region of Northern California,' 213.
- Griscom, Ludlow, and Nichols, J. T., recent occurrence of Iceland Gulls near New York, 318; the Arctic Tern in central New York, 319; the European Widgeon in central New York, 320; notes from Leon Co., Florida, 329; see also Nichols, J. T.
- Gronberger, S. M., obituary notice of, 355.
- Grosbeak, Black-headed, 312.
 Evening, 169, 325, 329.
 Pine, 170.
 Rocky Mountain Pine, 308.
 Rose-breasted, 53-56, 173.
- Grouse, Canada Ruffed, 66.
 Canada Spruce, 66.
- Grouse, Dusky, 299.
 Oregon Ruffed, 364.
 Ruffed, 438.
 Sooty, 363.
- Grus mexicana, 298.
- Guillemot, Pigeon, 402.
- Guira guira, 390.
- Gull, California, 432.
 Glaucous, 377.
 Glaucous-winged, 363.
 Great Black-backed, 163, 289.
 Heermann's, 363.
 Herring, 163, 432.
 Iceland, 318, 377.
 Laughing, 411.
 Little, 377.
 Western, 335, 363, 432.
- Gymnasio nudipes, 414.
- HALLIÆTUS leucocephalus leucocephalus*, 68, 364.
- Haliastur sphenurus johannæ, 222.
- Hanna, G. Dallas, records of birds new to the Pribilof Islands including two new to North America, 400-403.
- Harelda hyemalis, 164.
- Harper, Francis, see Nichols, J. T.
- Harpiprion cayennensis, 90.
- Harrier, Cinereous, 389.
- Harrington, Col. H. H., obituary notice of, 460.
- Hartert, Ernst, notice of his recent ornithological papers, 340.
- Harvey, B. T., notice of his paper on 'The Dissemination of Virginia Creeper seeds by English Sparrows,' 342.
- Harvie-Brown, J. A., obituary of 458.
- Hawaii, 49-52, 207.
- Hawk, Black Pigeon, 364.
 Desert Sparrow, 364.
 Krider's, 321.
 Marsh, 67, 300.
 Pigeon, 68.

- Hawk, Porto Rican Sparrow, 410.
 Red-shouldered, 67.
 Red-tailed, 67, 410.
 Sharp-shinned, 67, 300, 364.
 Snail, 389.
 Sparrow, 301.
 Swainson's, 200, 301.
 Western Red-tailed, 300.
- Heilmann Gerhard, work of, 457.
- Helodromas solitarius, 65.
 s. cinnamomeus, 188, 442.
- Hemithraupis flavicollis aurigularis, 444.
- Hen, Sage, 300.
- Henshaw, H. W., notice of his 'Report of Chief of Bureau of Biological Survey,' 215.
- Herbivocula schwarzi, 47.
- Herodias, 333.
 egretta, 410, 433.
- Heron, Black-crowned Night, 82, 298.
 Cuban Green, 410.
 Great Blue, 63.
 Green, 329.
 Little Blue, 410.
 Northwest Coast, 363.
 Snowy, 410.
 Yellow-crowned Night, 409.
- Herrick, Harold, a banded Canada Goose, 198.
- Hersey, F. Seymour, notice of his 'List of Birds Observed in Alaska and Siberia,' 335; concerning the occurrence of the Western and other gulls in southeastern Alaska, 432.
- Hesperiphona vespertina vespertina, 169, 325, 329.
- Heteractitis brevipes, 45.
- Hierofalco, 336, 431.
- Himantopus mexicanus, 411.
- Hirundo erythrogastra, 36, 175, 312, 367.
 e. palmeri, 428.
- Histrionicus histrionicus, 363.
- Histrionicus h. pacificus, 335, 426.
- Hoffmann, Ralph, the Pomarine Jaeger and the Purple Gallinule in western Missouri, 196.
- Holoquiscalus brachypterus, 334, 419.
 caymanensis dispar, 333.
- Homositta, 446.
- Honey Creeper, Porto Rican, 418.
- Horsbrugh, B. R., obituary of, 460.
- Hummingbird, Broad-tailed, 302.
 Gilt-crested, 414.
 Ruby-throated, 70.
 Rufous, 303, 365.
- Hussey, Roland F., notes on some spring birds of La Plata, 384-399.
- Huxley, Julian S., bird-watching and biological science, 142-161, 256-270.
- Hydrochelidon leucoptera grisea, 44.
 nigra surinamensis, 377.
- Hydroprogne, 430.
 tschegrava imperator, 429.
- Hydropsalis lyra, 89.
- Hylocichla aliciae aliciae, 328.
 a. bieknelli, 203.
 fuscescens fuscescens, 184.
 guttata auduboni, 317.
 g. guttata, 317, 369.
 g. pallasi, 185, 193.
 g. sequoiensis, 193.
 mustelina, 34.
 ustulata swainsoni, 185, 193.
 u. ustulata, 369.
- Hypocnemis collinsi, 444.
- Hypopicus hyperythrus, 454.
- 'IBIS, The,' reviews of, 95, 219, 343, 451.
- Icterus bullocki, 307.
 galbula, 38, 169.
 portoricensis, 407, 419.
- Ictiniastur, 91.
- Illinois, 200, 203, 433.
- Indiana, 75.

- Ingersoll, Ernest, notice of his 'An Index to Bird-Lore,' 443.
- International Zoological Commission, notice of its 'Official List of Generic Names,' 339.
- Iole philippensis saturator, 344.
- Ionornis martinicus, 196.
- Iridoprocne bicolor, 175, 313.
leucorroha, 394.
- Isle of Pines, 332.
- Ixobrychus exilis, 431.
neoxenus, 431.
sinensis sinensis, 45.
- Ixoreus naevius naevius, 370.
- JACANA spinosa, 333.
- Jaeger, Long-tailed, 75.
Pomarine, 196, 376.
- Japan, 90.
- Java, 98.
- Jay, Blue, 31, 37, 73, 166.
Canada, 73.
Long-crested, 305.
Oregon, 366.
Rocky Mountain, 306.
Steller's, 365.
Texas, 190.
- Jensen, Jens K., multiple nest of the Yellow Warbler, 436.
- Jewel, L. L., 459.
- Jewett, Stanley G., nesting of the Crossbill (*Loxia curvirostra minor*) in Cook Co., Oregon, 201.
- Job, Herbert K., review of his 'The Propagation of Wild Birds,' 94.
- Jourdain, F. C. R., the breeding range of Leach's Petrel, 196.
- Junco aikenii, 204.
hyemalis connectens, 204, 366.
h. hyemalis, 167, 173, 436.
h. montanus, 77.
h. shufeldti, 311, 367.
mearnsi, 311.
phaenotus caniceps, 311.
- Junco, Gray-headed, 311.
Montana, 77.
- Junco, Pink-sided, 311.
Shufeldt's, 204, 311, 367.
Slate-colored, 167, 173, 436.
White-winged, 204.
- Jynx torquilla japonica, 46.
- KEEKER, 242.
- Kellogg, Louise, review of her 'Report upon Mammals and Birds of Trinity, Siskiyou and Shasta Cos., Cal.,' 212.
- Ketupa, 89.
- Killdeer, 66, 299.
Antillean, 411.
- Kingbird, 31, 33, 70, 82.
Arkansas, 303.
Gray, 415.
Lichtenstein's, 382.
- Kingfisher, Belted, 31, 37, 68, 82, 301, 413.
Texas, 189.
Western Belted, 364.
- Kinglet, Golden-crowned, 184, 193, 205, 326.
Ruby-crowned, 167, 184, 205, 316, 383.
Sitka, 369.
Western Golden-crowned, 369.
- Knot, 76.
- LABRADOR, 74, 162-167, 286-292.
- Lagopus leucurus altipennis, 426.
leucurus leucurus, 299.
ruepestris sanfordi, 426.
- Lake, Leslie Waldo, obituary notice of, 233.
- Lalage karu microrhyncha, 210.
- Lamprotes, 92.
- Lanius borealis, 175, 313.
ludovicianus excubitorides, 313.
l. migrans, 176.
- Lanivireo flavifrons, 35, 176.
solitarius cassini, 367.
s. solitarius, 176, 191.
- Lark, Desert Horned 305, 435.
Prairie Horned, 72.

- Lark, Pallid Horned, 204.
Horned, 166.
- Larus argentatus, 163.
atricilla, 411.
cirrhocephalus, 387.
glaucescens, 363.
heermanni, 363.
hyperboreus, 377.
kumlieni, 335.
leucopterus, 318, 377.
maculipennis, 387.
marinus, 163.
minutus, 377.
nelsoni, 88.
occidentalis, 363.
schistisagus, 44.
thayeri, 335, 426.
vegæ, 44.
- Lashley, K. S., see Watson, J. B.
- Leachena, 345.
- Leipoa ocellata rosinae, 345.
- Leistes militaris superciliaris, 399.
- Leptositta, 446.
- Leptotila verreauxi tobagensis, 99.
- Leucosticte australis, 41-42, 309.
griseonucha maxima, 335.
tephrocotis dawsoni, 429.
t. tephrocotis, 308.
- Levey, William Charlesworth, obituary notice of, 233.
- Lewinornis rufiventris maudeæ, 341.
- Lichenops perspicillatus, 393.
- Lincoln, F. C., the discovery of the nest and eggs of *Leucosticte australis*, 41-42; notice of his 'The Birds of Yuma County, Colorado,' 213.
- Lobipes lobatus, 45, 240, 363.
- Locustella ochotensis, 47.
- Long Island, 28-40, 75, 237-255.
- Longspur, Alaska, 204.
Lapland, 166.
- Loon, 80, 163, 363.
Red-throated, 75.
Yellow-billed, 370-376.
- Lophodytes, 280.
- Lophorhina superba femina, 210.
- Lophortyx gambeli sanus, 426.
californica californica, 363.
c. vallicola, 434.
- Loxia curvirostra minor, 201, 308, 366.
c. perna, 428.
- Luscinia sibilans, 47.
- McATEE, W. L., an accomplishment of the Red-throated Loon, 75; the rose beetle poisonous to young birds, 205.
- MacDonald, Hazel, incubation period of the Horned Lark, 435.
- McGregor, Richard C., notice of his 'Description of a new species of *Prionochilus* from the Highlands of Luzon,' 211; notice of his 'Birds in their Economic Relation to Man,' 216.
- Macgillivrayornis claudi, 97.
- Machetornis rixosa rixosa, 393.
- Mackay, George H., American Golden Plover (*Charadrius d. dominicus*) at Nantucket Island, 199; American Merganser wintering at Boston, Mass., 319.
- Macronus ptilosus reclusus, 220.
- Macrorhamphus griseus griseus, 24.
g. scolopaceus, 381.
- Magpie, 73, 305.
- Maine, 197, 376-383.
- Malacocincla sepiaria tardinata, 220.
- Malimbus flavipes, 210.
- Mallard, 12-13, 23, 298, 363.
- Manacus m. gutturosus, 90.
- Manchuria, 211.
- Mango, Porto Rican, 415.
- Man-o'-war-bird, 409.
- Mareca americana, 15, 75.
penelope, 15, 75.
- Margarops fuscatus fuscatus, 416.
- Marila, 281.
affinis, 410.

- Marila, *americana*, 298, 380.
 ferina, 429.
 fuligula, 46, 429.
 marila, 164.
 valisineria, 380.
 Marshall Islands, 22-24.
 Martin, Cuban, 416.
 Purple, 183.
 Massachusetts, 9-17, 24-27, 53-56,
 77, 78, 197, 199, 201, 319, 325,
 326, 328, 436.
 Mathews, Gregory M., review of
 his 'The Birds of Australia,' 91,
 336, 445.
 Meadowlark, 31, 36, 169.
 Western, 307.
 Mearns, Edgar A., the occurrence
 of the Western House Wren on
 Smith's Island, Northampton
 County, Virginia, 203; review of
 his papers on New African birds,
 89.
 Megaceryle, 431.
 Melanerpes *formicivorus formi-*
 civorus, 430.
 portoricensis, 413.
 Melanitta, 278, 280.
 carbo, 278.
 deglandi, 278.
 fusca, 278.
 perspicillata, 278.
 Melanosterna, 430.
 anæthetis recognita, 429.
 Meleagris *gallopavo intermedia*, 188.
 Melopelia *asiatica mearnsi*, 332.
 a. trudeaui, 332.
 Melospiza *georgiana*, 173, 204.
 lincolni, 167, 311.
 melodia acadica, 337, 428.
 m. beata, 428.
 m. juddi, 191.
 m. melodia, 36, 173.
 m. montana, 204, 311.
 m. morphna, 86, 431.
 m. rufina, 367, 431.
 m. sanaka, 401.
 Merganser, 10-12, 363.
 American, 297, 319.
 Red-breasted, 23, 163.
 Mergus *americanus*, 10-12, 297,
 319, 363.
 serrator, 163.
 Mesobucco *duvaugli orientalis*, 96.
 Mesositta, 445.
 'Messenger Ornithologique,' reviews
 of, 99, 222, 346.
 Metopiana *peposaca*, 388.
 Meyer, G. Ralph, weight and con-
 tents of birds' eggs, 81-82.
 Michigan, 88, 437.
 Microœca *griseiceps bartoni*, 210.
 Microlyssa *exilis exilis*, 414.
 Micropallas *whitneyi sanfordi*, 427.
 w. idoneus, 427.
 Micrositta, 446.
 Migration, 22-27, 83, 132-141, 224,
 441.
 Miller, James H., Evening Gros-
 beak at Lowville, N. Y., 325.
 Miller, W. DeW., the classification
 of the Scoters, 278, 281; review
 of his 'Three New Genera of
 Birds,' 89.
 Milvus *sphenurus*, 91.
 Mimeta *granti*, 343.
 Mimocichla *a. portoricensis*, 407.
 Mimus *gilvus antillarum*, 98.
 polyglottos delenificus, 337,
 437.
 p. orpheus, 416.
 p. polyglottos, 437.
 saturninus modulator, 396.
 Minnesota, 212, 215, 327.
 Mirafra *assamica marionæ*, 220.
 cantillans williamsoni, 220.
 Missouri, 196.
 Mniotilta *varia*, 36, 167, 177, 204,
 418.
 Mockingbird, 437.
 Jamaican, 416.
 Molothrus *ater ater*, 35, 168, 190,
 201, 307.

- Molothrus atronitens*, 419.
 badius, 399.
 bonariensis bonariensis, 399.
Montana, 203-205.
Moore, Robert Thomas, another hybrid warbler from northern New Jersey, 202; graphic representation of bird song, 228.
Morphnus, 333.
Morris, Robert O., King Rail (*Rallus elegans*) in Massachusetts in November, 198; the Barn Owl (*Aluco pratincola*) in Massachusetts, 201.
Motacilla lugens, 47.
Mousley, H., five years personal notes and observations on the birds of Hatley, Stanstead County, Quebec — 1911-1915, 57-73, 168-186; the breeding of the Prairie Horned Lark at Hatley, Stanstead County, Quebec, 281-286.
Mowbray, Louis L., see Nichols, John T.
Mullens, W. H. and Swan, H. K., review of their 'A Bibliography of British Ornithology,' 443.
Murphy, Robert Cushman, Anatidæ of South Georgia, 270-277.
Murphy, R. C. and Harper, Francis, notice of their 'Two New Diving Petrels,' 337.
Murre, Brünnich's, 196.
 Common, 196.
Muscapa atricapilla tomensis, 346.
 atricapilla sibirica, 223, 346.
Muscovora tyrannus, 394.
Myadestes townsendi, 317, 327, 369.
Myiarchus antillarum, 415.
 crinitus, 34, 71.
 ferox insulicola, 98.
 tyrannulus sanctæ-luciæ, 98.
Myiochanes virens, 35, 71.
 richardsoni richardsoni, 303, 365.
Myiopagis viridicata rondoni, 338.
Myiophobus fasciatus fasciatus, 394.
Myiophoneus klossi, 96.
Myiopsitta catharina, 92.
Myiosympotes flaviventris, 393.
Myospiza manimbe nigrostriata, 338.
Myrmotherula kermiti, 338.
NANNOPTERUM harrisi, 97.
Nannus alascensis, 403.
 hiemalis hiemalis, 182.
 h. pacificus, 368.
 h. semidiensis, 335, 428.
National Association of Audubon Societies, notice of annual report, 214.
Neogyps errans, 348.
Neophlocotomus, 90.
 schulzi major, 349.
 shiptoni 90.
Neophrontops americanus, 348.
Neositta, 445.
Nephocetes, 431.
Nesospingus speculiferus, 407.
Nettion carolinense, 163, 298, 343, 402.
 crecca, 45, 62.
 georgicum, 270.
New Brunswick, 1-8.
New Guinea, 209.
New Jersey, 202.
New Mexico, 324.
New York, 318, 319, 320, 325, 433.
Nichols, J. T., Limicolæ at Porto Rico in July, 320; Orange-crowned Warbler (*Vermivora celata celata*) in North Carolina, 78; see also Griscom, Ludlow.
Nichols, J. T., and Griscom, Ludlow, early European Widgeon on Long Island, 75.
Nichols, J. T., Harper, Francis, field notes on some Long Island Shore Birds, 237-255.

- Nichols, John T., and Mowbray, Louis L., two new forms of petrels from the Bermudas, 194-195.
- Nighthawk, 70, 390.
Western, 302.
- Nomonyx, 280.
- Norris, J. Parker, obituary notice of, 355.
- North Carolina, 78.
- Norton, Arthur H., notes on some Maine birds, 376-383.
- Nucifraga columbiana, 306.
- Numenius borealis, 165, 434.
phaeopus variegatus, 45.
- Nutcracker, Clarke's 306.
- Nuthatch, Pygmy, 316.
Red-breasted, 183, 205, 369.
Rocky Mountain, 316.
White-breasted, 31, 33, 183.
- Nuttallornis borealis, 189, 204, 303, 365.
- Nyctalops accipitrinus cassini, 389.
- Nyctanassa violacea, 409.
- Nyctea nyctea, 165.
- Nycticorax caledonicus, 97.
nycticorax naevius, 298.
- Nyroca valisineria, 22.
- OBERHOLSER, Harry C., review of his 'A Synopsis of the Races of the Crested Tern, *Thalasseus bergii* (Lichtenstein),' 210.
- Oberholseria, 92.
- Oceanites oceanicus, 378.
- Oceanodroma kædingi, 430.
leucorhoa, 196.
l. kædingi, 430.
- Odontorchilus, 92.
- Odontorhynchus, 92.
- Oenanthe oenanthe oenanthe, 328.
- Oenecus chiriquensis, 348.
plumbea chapmani, 331.
- Ogilvie-Grant, W. R., review of his 'Report on the Birds collected by the B. O. U. Expedition and the Wollaston Expedition in Dutch New Guinea,' 209.
- Oidemia, 278, 279.
americana, 278.
deglandi, 363.
d. dixonii, 335, 426.
nigra, 278.
- Old-squaw, 164.
- Oldys, Henry, rhythmical singing of Veeries, 17-21.
- Olor buccinator, 198, 433.
columbianus, 402.
- Ontario, 75.
- Onychoprion, 430.
- 'Oölogist, The,' reviews of, 95, 219, 343.
- Oporornis tolmiei, 192, 205, 315, 368.
- Oregon, 201.
- Oreomyias, 92.
- Oreopeleia, 331, 431.
- Oreospiza, 92.
chlorura, 311.
- Oreotriccus, 92.
- Oriole, Baltimore, 38, 169.
Bullock's, 307.
Porto Rican, 419.
- Oriolus striatus, 343.
- Ornithological activities of 1816, 233.
- Ornithological journals, 95, 218, 342, 450.
- 'Ornithologische, Monatsberichte,' reviews of, 99, 223.
- Ortygops notata duncani, 441.
- Osprey, 68, 165, 411.
- Otocoris alpestris alpestris, 166.
a. arctica, 204.
a. leucolæma, 305, 435.
a. praticola, 72.
- Otus asio aikeni, 189.
a. brewsteri, 427.
a. cineraceus, 451.
a. gilmani, 451.
a. hasbroucki, 189, 427.
a. kennicotti, 364.
a. mcalli.
a. quercinus, 427.
a. xantusi, 430.

- Otus flammeolus flammeolus.
idahoensis, 431.
xantusi, 430.
- Ovenbird, 31, 33, 79, 82, 134, 181,
417.
- Owl, Barn, 77, 201, 328.
Bare-legged, 414.
Barred, 68.
Burrowing, 389.
California Pygmy, 364.
Dusky Horned, 364.
Great Horned, 329.
Kennicott's Screech, 364.
Long-eared, 301.
Northern Spotted, 364.
Rocky Mountain Pygmy, 301.
Saw-whet, 420.
Short-eared, 301.
Snowy, 165.
Texas Barred, 188.
Western Horned, 301.
- Oxeye, 244, 245.
Big, 245.
Bonaparte's, 243.
Little, 244.
- Oxyechus vociferus, 66, 299.
vociferus rubidus, 411.
- Oystercatcher, 100.
- PACHYCEPHALA soror bartoni, 210.
s. klossi, 210.
- Pachyrhamphus niger tobagensis,
445.
- Palæobonasa, 92.
- Palmer, T. S., the type locality of
Colaptes cafer, 322-324.
- Paludipasser uelensis, 210.
- Pandion haliaëtus carolinensis, 68,
168, 411.
h. haliaëtus, 46.
h. microhaliaëtus, 222.
- Parabuteo unicinctus unicinctus,
389.
- Paraspizias, 91.
- Paroaria cucullata, 398.
- Parrot, Porto Rican, 413.
- Passer domesticus, 309, 398, 430.
- Passer d. domesticus, 37, 170.
hostilis, 346, 430.
- Passerculus sandwichensis alauidi-
nus, 402.
s. nevadensis, 190.
s. savanna, 166, 171.
s. sandwichensis, 366.
- Passerella iliaca iliaca, 167, 173.
- Passerina amoena, 312.
cyanea, 174.
- Patagigenas, 332, 431.
leucocephala, 412.
squamosa, 412.
- Pelecanoides georgica, 337.
urinatrix chathamensis, 337.
- Pelecanus occidentalis, 379, 409.
- Pelican, Brown, 379.
- Pelidna alpina sakhalina, 45.
- Pelionetta, 278, 280.
- Pennsylvania, 200, 325.
- Penthestes atricapillus atricapillus,
37, 183.
a. occidentalis, 369.
a. septentrionalis, 316.
gambeli gambeli, 316.
hudsonicus littoralis, 184.
h. nigicans, 74.
rufescens rufescens, 369.
- Periparus ater pekinensis, 47.
- Perisoreus canadensis canadensis,
73.
c. capitalis, 306.
c. sanfordi, 428.
infaustus, 346.
i. rulhenus, 346.
i. sakhalinensis, 346.
i. sibericus, 346.
i. yakutensis, 346.
i. opicus, 346.
obscurus obscurus, 366.
- Peters, James L., Philadelphia
Vireo (*Vireosylva philadelphia*)
in Massachusetts in autumn, 78;
additional autumn records for
the Tennessee Warbler (*Vermi-
vora peregrina*) in Massachusetts,
78.

- Petrel, Leach's, 196.
 Wilsons, 378.
- Petrochelidon fulva pallida, 429.
 lunifrons lunifrons, 174, 213.
 l. tachina, 191.
 pyrrhonota, 395.
- Peucea cassini, 435.
- Pewee, Western Wood, 303, 365.
 Wood, 31, 35, 71.
- Phacelodomus ruber rubecula, 338.
 striaticollis, 392.
- Phaeochroa cuvierii berlepschi, 99.
- Phaeoprogne tapera, 395.
- Phalacrocorax carbo, 97.
 pelagicus robustus, 402.
 vigua, 388.
- Phalacroptilus nuttalli nitidus, 431.
 n. nuttalli, 431.
- Phalarope, Northern, 45, 240, 363.
 Red, 164.
- Phalaropus fulicarius, 164.
- Philacte canagica, 343.
- Philipp, P. B., see Bowdish, B. S.
- Philippines, 216.
- Phillips, John C., two problems in
 the migration of waterfowl, 22-
 27; Barn Owl in Massachusetts,
 77; display of the Purple Finch,
 77; a new form of *Cloëphaga*
hybrida, 423; a note on the
 Mottled Duck, 432; an early
 flight of Wilson's Snipe, 434;
 Eskimo Curlew in Massachusetts,
 434.
- Philohela minor, 63.
- Philydor erythrocerus lyra, 338.
- Phlœocryptes melanops, 391.
- Phlœotomus pileatus abieticola, 69.
 p. floridanus, 427.
 p. picinus, 427.
 p. pileatus, 365.
 schulzi, 90.
- Phœbastria, 430.
- Phœbe, 38, 71.
 Say's, 303.
- Phœbetria palpebrata, 429.
- Phœbetria p. auduboni, 429.
- Phœnicopterus ruber, 410.
- Phrenopicus, 431.
- Phrygilus unicolor, 212.
- Piaya rutila chaparensis, 444.
 r. orinocensis, 444.
- Pica pica hudsonia, 73, 305.
- Picolaptes angustirostris prædatus,
 338.
- Picus striatus, 89.
- Pigeon, Band-tailed, 300, 364.
 Scaled, 412.
 White-crowned, 412.
- Pinicola enucleator, 99.
 e. eschatosus, 428.
 e. leucura, 170.
 e. montana, 308.
 e. pacata, 99.
 e. urupensis, 99.
- Pintail, 23.
- Pionopsitta amazonina theresæ, 99.
- Pipilo erythrophthalmus canaster,
 428.
 e. erythrophthalmus, 36, 191.
 maculatus curtatus, 428.
 m. falcifer, 428.
 m. falcinellus, 428.
 m. montanus, 311, 439.
 m. oregonus, 367.
- Pipit, 167, 315.
- Piranga ludoviciana, 367.
- Pisobia bairdi, 188, 401.
 fuscicollis, 165, 187, 243.
 maculata, 64, 76, 165, 242.
 minuta ruficollis, 45.
 minutilla, 64, 165, 188, 244,
 320, 401.
- Pisorhina vanderwateri, 454.
- Pitangus sulphuratus bolivianus,
 394.
- Planesticus migratorius migratorius,
 32, 167, 185, 193, 438.
 m. propinquus, 317, 369.
 rufiventris, 396.
- Plectrophenax nivalis nivalis, 166,
 171.

- Plover, Black-bellied, 76, 251.
 Golden, 76, 199.
 Pacific Golden, 381.
 Rufous-naped, 411.
 Semipalmated, 66, 252, 321.
- Podiceps americanus, 446.
 griseigena holbœlli, 44.
- Podilymbus podiceps, 297, 363, 446.
 p. antillarum, 333, 409.
- Pœcilodryas brachyura dumasi, 210.
 Pœcilositta, 445.
- Poœcetes gramineus confinis, 310.
 g. gramineus, 171.
- Pogonotriceus plumbeiceps, 92.
- Polioptila cœrulea cœrulea, 78.
 dumicola, 396.
- Polyborus cheriway, 188.
 tharus, 388.
- Pomatorhinus australis damarensis, 99.
 schisticeps cryptanthus, 220.
 s. fastidiosus, 452.
- Poorwill, Nuttall's, 81.
- Poospiza personata, 398.
- Porto Rico, 320, 333, 403-419.
- Porzana carolina, 63, 298.
 immaculata, 452.
- Prionochilus anthonyi, 211.
- Progne chalybea domestica, 395.
 dominicensis, 416.
 subis subis, 183.
- Psalidoprymna berlepschi berlepschi, 99.
- Pseudogerygone conspicillata mimi-
 kœ, 210.
- Pseudoleistes virescens, 399.
- Psittacula lineola, 332.
- Ptarmigan, White-tailed, 299.
- Ptilotis salvadorii utakwensis, 210.
- Publications received, 100, 224,
 349, 454.
- Puffinus auricularis borealis, 100.
 cuneatus, 429.
 gravis, 163.
 griseus, 429.
 g. stricklandi, 429.
 g. chilensis, 429.
- Puffinus opisthomelas, 80.
 pacificus alleni, 429.
 puffinus **bermudæ**, 195, 426.
- Pyriqlena castanopterus, 220.
- Pyrocephalus rubinus rubinus, 394.
- Pyromelana oryx, 451.
- Pyrotrogon erythrocephalus klossi,
 96.
- Pyrrhulagra portoricensis, 407.
- QUAIL, 435.
 California, 363.
 Valley, 434.
- Quail-dove, Ruddy, 411.
- Quebec, 57-73, 168-186, 281-286.
- Querquedula antarctica, 271.
 cyanoptica, 388.
 discors, 187, 298.
- Quiscalus quiscula œneus, 169.
- RAHCINTA, 345.
- Rail, Black, 433.
 Caribbean Clapper, 411.
 King, 198.
 Virginia, 63.
- Rallus aquaticus indicus, 44.
 elegans, 198.
 longirostris caribœus, 411.
 virginianus, 63.
- Rathbun, Samuel F., the Lake Cres-
 cent Region, Olympic Mountains,
 Washington, with notes regard-
 ing its avifauna, 357-370.
- Raven, 306.
 Northern, 366.
- Redhead, 298, 380.
- Redpoll, 170, 309.
 Hoary, 401.
- Redstart, 31, 34, 82, 182, 417.
- Red-tail, Western, 364.
- Red-wing, Northwestern 363.
 Thick-billed, 307.
- Reguloides proregulus proregulus,
 47.
- Regulus calendula calendula, 167,
 184, 205, 316, 383.
 c. grinnelli, 369.

- Regulus satrapa olivaceus*, 369.
 s. satrapa, 184, 193, 205.
 Reinarda, 220.
 Remiza, 346.
 'Revue Française d'Ornithologie,'
 reviews of, 98, 222, 345, 453.
 Rhea, 100.
Rhinochætus jubatus, 98.
Rhipidura albicollis stanleyi, 452.
 cockerelli septentrionalis, 344.
 c. interposita, 344.
 c. lavellæ, 344.
 harterti, 210.
 Rhoads, Samuel N., more light on
 Audubon's folio 'Birds of Amer-
 ica,' 130-132.
Rhopoterpe torquata tragicus, 338.
Rhyacophilus glareola, 401.
Rhynchodon, 336.
 Richardson, E. W., notice of his
 'Life of W. B. Tegetmeier,' 341.
 Richmond, Charles W., review of
 his 'Notes on Several Preoccu-
 pied Generic Names (Aves),'
 and 'Note on the Generic Name
 Bolborhynchus Bonaparte,' 92.
 Ridgway, Robert, review of his
 'The Birds of North and Middle
 America, Part VII,' 331.
 Riley, J. H., review of his 'Descrip-
 tions of three New Birds from
 China and Japan,' 90; review of
 his 'Description of a New Hazel
 Grouse from Manchuria,' 211;
 notice of his 'Two New Ralli-
 formes from Tropical America,'
 445.
 Ringneck, 252.
Riparia riparia, 175.
 r. ijmæ, 46.
 r. indica, 220.
 r. plumipes, 346.
Rissa tridactyla pollicaris, 44.
 Roberts, T. S., review of his 'The
 Winter Bird-Life of Minnesota,'
 212.
 Robin, 31, 32, 82, 167, 185, 193, 438.
 Western, 193, 317, 369.
Rosthramus sociabilis, 389.
 Rough-leg, Ferruginous, 301.
Rupisitta, 445.
SALPINCTES *guadalupensis* *proxi-*
 mus, 428.
 obsoletus obsoletus, 316.
 Sanderling, 247.
 Sandpiper, Baird's, 188, 401.
 Bartram's, 65.
 Pectoral, 64, 76, 165, 242.
 Least, 64, 165, 188, 244, 320,
 401.
 Semipalmated, 64, 188, 245, 320.
 Solitary, 65.
 Spotted, 31, 37, 66, 188, 299,
 411.
 White-rumped, 165, 187, 243.
 Wood, 401.
 Sapsucker, Northern Red-breasted,
 364.
 Red-naped, 302.
 Yellow-bellied, 69.
 Saunders, Aretas, A., graphic
 method of recording bird song,
 103-107; graphic representation
 of bird song, 229; additions to
 the birds of Custer County, Mon-
 tana, 203-205.
Sauropatis sancta canacorum, 222.
 sordida colcloughi, 344.
Saurothera vielloti, 413.
 Sawyer, Edmund J., notice of his
 'Land Birds of Northern New
 York,' 442.
Sayornis phœbe, 38, 71.
 sayus, 303.
 Scissor-tail, 394.
Scolopax rusticola mira, 344.
 Scoter, White-winged, 363.
 Scotland, 93.
Seiurus aurocapillus, 33, 181, 417.
 noveboracensis notabilis, 192,
 333, 368.

- Seiurus motacilla, 417.
 Selasphorus rufus, 303, 365.
 platycercus, 302.
 Sericornis longirostris wyldei, 453.
 Sericotes holosericeus holosericeus,
 414.
 Seriema, 87.
 Serilophus lunatus intensus, 454.
 Serpophaga subcristata, 393.
 nigricans, 393.
 Setochalcis, 428.
 Setophaga ruticilla, 34, 182, 417.
 Shearwater, Black-vented, 80.
 Cory's, 100.
 Greater, 163.
 Shoveller, 23, 298.
 Shrike, Migrant, 176.
 Northern, 175, 313.
 White-rumped, 313.
 Shufeldt, R. W., on the position
 of the *Aramida* in the system,
 108-111; a fossil feather from
 Taubaté, 206; the significance of
 the osteological characters of the
 Chionides, 352; recent work of
 Gerhard Heilmann, 457; notice
 of recent papers by, 92.
 Sialia sialis sialis, 186.
 currucoides, 317.
 Siberia, 43-48, 335.
 Sicalis arvensis arvensis, 397.
 pelzelni, 397.
 Silverbill, 393.
 Siskin, Pine, 170, 309, 366.
 Sisopygis icterophrys, 393.
 Sitta canadensis, 183, 205, 369.
 carolinensis carolinensis, 33,
 183, 446.
 c. nelsoni, 316.
 europæa tawana, 223.
 pygmæa pygmæa, 316.
 Sittidæ, 445.
 Smicrornis brevirostris mathewsi,
 341.
 Smith, Austin Paul, additions to
 the avifauna of Kerr Co., Texas,
 187-193.
 Smith, Frank, see Wood, N. A.
 Smithornis capensis medianus, 344.
 Snipe, Grass, 242.
 Paraguay, 388.
 Surf, 247.
 Wilson's, 64, 164, 434.
 Solitaire, Townsend's, 317, 327, 369.
 Somateria, 279, 281.
 dresseri, 286, 290, 291, 430.
 mollissima, 279.
 m. borealis, 164, 286, 289, 291,
 290.
 m. dresseri, 430.
 spectabilis, 286, 289, 328.
 Sora, 63, 298.
 South America, 338, 339.
 'South Australian Ornithologist,
 The,' reviews of, 98, 221, 345.
 South Georgia Island, 270-277.
 Sparrow, Aleutian Savannah, 366.
 Aleutian Song, 401.
 Cassin's, 435.
 Chipping, 31, 36, 82, 134, 172.
 Clay-colored, 191, 438.
 Dakota Song, 191.
 English, 31, 37, 82.
 Field, 31, 37.
 Fox, 167, 173.
 Golden-crowned, 366.
 Grasshopper, 31, 37.
 Great Basin Savannah, 190.
 Harris's, 190.
 House, 170, 309.
 Lincoln's, 167, 311.
 Mountain Song, 204, 311.
 Nuttall's, 366.
 Rock, 191.
 Savannah, 166, 171.
 Song, 31, 36, 82, 173.
 Sooty Song, 367.
 Swamp, 173, 204.
 Tree, 166, 172.
 Vesper, 171.
 Western Chipping, 311.
 Western Field, 191, 204.
 Western Grasshopper, 190.
 Western Savannah, 402.

- Sparrow, Western Tree, 310.
 Western Vesper, 310.
 White-crowned, 166, 172, 310.
 White-throated, 166, 172, 190.
- Sparvius cirrhocephalus, 91.
- Spatula clypeata, 298.
- Speotyto cunicularia cunicularia, 389.
- Sphrapicus ruber notkensis, 364.
 varius nuchalis, 302.
 v. varius, 69.
- Spindalis portoricensis, 407.
- Spinus ictericus ictericus, 397.
 pinus, 170, 309, 366.
 symonsi, 348.
- Spizella monticola monticola, 166, 172.
 m. ochracea, 310.
 pallida, 191, 438.
 passerina arizonæ, 311.
 p. passerina, 36, 172.
 pusilla arenacea, 191, 204.
 p. pusilla, 37.
- Spodiopsar cineraceus, 48.
- Spoonbill, 298.
- Sporophila œrulescens, 391.
 hypoleuca clara, 338.
 pileata, 90.
- Squatarola squatarola, 76, 251, 333, 430.
 s. cynosuræ, 430.
- Stachyris leucotis goodsoni, 220.
- Stanwood, Cordelia J., notice of recent papers by, 214.
- Starling, 31, 37.
- Stelgidopteryx serripennis, 204.
- Stenopsis, 92.
- Stephanophorus leucocephalus, 397.
- Stercorarius longicaudus, 75.
 pomarinus, 45, 196, 376.
- Sterna, 344.
 aleutica, 44, 328.
 anæthæta, 429.
 antillarum, 320.
 a. browni, 348.
 caspia, 429.
- Sterna dougalli, 377.
 hirundo turkestanensis, 99.
 longipennis, 44.
 maxima, 411.
 paradisæa, 363.
 superciliaris, 387.
- Sternula, 430.
- Stilbopsar leucothorax, 210.
- Stilt, Black-necked, 411.
- Stoddard, H. L., the Long-tailed Jaeger in Indiana, 75; bird notes from the Chicago area, Illinois, 328; the Black Rail (*Creciscus jamaicensis*) at Chicago, Ill., 433.
- Stone, Witmer, an overlooked specimen of the Trumpeter Swan, 433.
- Streptoceryle alcyon alcyon, 413.
- Streptopelia decaocto, 340.
 roseogrisea, 340.
 senegalensis phœnicophila, 341.
 chinensis vacillans, 341.
- Stringonax, 89.
- Strix albogilva, 188.
 hostilis, 346.
 occidentalis caurina, 364, 431.
 o. huachuca, 427.
 o. lucida, 427.
 o. occidentalis
 varia varia, 68.
- Stubbs, Arthur P., Cowbird wintering in Massachusetts, 201.
- Sturnella magna argutula, 333.
 m. hippocrepis, 333.
 m. magna, 36, 169.
 neglecta, 307, 333.
- Sturnia violacea, 48.
- Sturnus vulgaris, 37.
- Sula leucogastra, 409.
- Summers, Ewing, notation of bird songs and notes, 78-80.
- Sutton, George M., Cape May Warbler in Virginia in winter, 203.
- Swales, Bradshaw H., Mockingbird

- (*Mimus polyglottos polyglottos*) in Wayne County, Michigan, 437.
Swallow, Bank, 82, 175.
 Barn, 31, 36, 82, 175, 312, 367.
 Cliff, 82, 174, 312.
 Lesser Cliff, 191.
 Northern Violet-green, 313, 367, 401.
 Rough-winged, 204.
 Tree, 82, 175, 313.
Swan, Trumpeter, 198, 433.
 Whistling, 402.
Swann, H. Kirk, see Mullens, W. H.
Swarth, Harry S., review of his 'The Pacific Coast Races of the Bewick Wren,' 337.
Swift, Chimney, 31, 37, 70.
 Vaux's, 365.
Synallaxis albescens albescens, 391.
 rufogularis, 338.
- TACHYCINCTA *thalassina lepida*, 313, 367, 401.
Taenioptera *dominicana*, 392.
Tanager, Western, 367.
Tanagra *bonariensis*, 397.
 slateri, 407.
Taraba *major virgultorum*, 444.
Taylor, Walter P., notice of his 'The Museum of Natural History and the Conservation of Game,' 215.
Tchitrea *paradisi borneensis*, 344.
Teal, Blue-winged, 187, 298.
 Cinnamon, 388.
 European, 62.
 Green-winged, 22-24, 163, 298, 402.
Tegetmeier, W. B., biography of, noticed, 341.
Telespiza, sp., 50.
Tern, Arctic, 363.
 Black, 377.
 Noddy, 83.
 Roseate, 377.
 Royal, 411.
Tern, Sooty, 83.
Tetrastes *bonasia septentrionalis*, 211.
 b. vicinitas, 90.
Texas, 187-193.
Thalasseus, 430.
 bergii halodramus, 211.
 b. boreotis, 211.
Thalassogeron *chrysostoma culminata*, 430.
 culminatus, 430.
Thayer, John E., Auduboniana, 115-118.
Thayer, John E. and Bangs, Ostram, a collection of birds from Saghalin Island, 43-48; regular breeding of Alice's Thrush in arctic East Siberia, 327.
Thermochalcis, 92.
Thorburn, A., review of his 'British Birds,' 84.
Thrasher, Brown, 38.
 Pearly-eyed, 416.
Thraupis *palmarum duvida*, 338.
Thrush, Alaska Hermit, 317, 369.
 Alice's, 327.
 Audubon's Hermit, 317.
 Bicknell's, 203.
 Hermit, 137, 185, 193.
 Sierra Hermit, 193.
 Varied, 370.
 Wood, 31, 134.
 Olive-backed, 136, 185, 193.
 Russet-backed, 369.
Thryolegus *curvirostris*, 392.
Thryomanes *bewicki eremophilus*, 193.
 b. calophonus, 368.
 b. bairdi, 193.
 b. cryptus, 193.
Thryothorus *ludovicianus ludovicianus*, 38, 438.
Tiaris *bicolor omisa*, 419.
 canora, 451.
 olivacea, 338.
 o. bryanti, 419.

- Tinnunculus, 336.
 Tityra semifasciata deses, 347.
 Todd, W. E. Clyde, review of his 'The Birds of the Isle of Pines,' 332; notice of his recent papers on new neotropical birds, 339; notice of his 'On Dysithamnus mentalis and its Allies,' 444.
 Todus mexicanus, 407.
 Tolmarchus taylori, 415.
 Totanus flavipes, 65, 76, 250, 320, 402, 411.
 melanoleucus, 64, 165, 248.
 Towhee, 31, 36, 191.
 Green-tailed, 311.
 Mountain, 311.
 Oregon, 367.
 Spurred, 439.
 Townsend, Charles W., the courtship of the Merganser, Mallard, Black Duck, Baldpate, Wood Duck and Bufflehead, 9-17; a new subspecies of Hudsonian Chickadee from the Labrador peninsula, 74; Lesser Snow Goose (*Chen h. hyperboreus*) in Massachusetts, 197; annotations to Beetz's 'Notes on the Eider,' 286-292.
 Toxostoma redivivum sonomæ, 428.
 rufum, 38.
 Tringa canutus, 76.
 glareola, 45.
 stagnatilis horsfieldii, 45.
 Troglodytes ædon ædon, 35.
 a. parkmani, 193, 203, 316, 368.
 musculus guarixa, 395.
 m. hornensis, 395.
 troglodytes hirtensis, 100.
 Trogonurus, 431.
 Turacus hartlaubi, 89.
 h. caeruleus, 89.
 h. crissalis, 89.
 h. medius, 89.
 Turdinulus epilepidotus dilutus, 454.
 Turdus chrysolaus, 47.
 indrapuræ, 454.
 migratorius phillipsi, 347.
 Turkey, Rio Grande, 188.
 Turnstone, Ruddy, 321.
 Turtur orientalis, 44.
 Tyler, Winsor M., M. D., the call-notes of some nocturnal migrating birds, 132-141.
 Tyrannus dominicensis dominicensis, 415.
 melancholicus melancholicus, 394.
 m. satrapa, 382.
 tyrannus, 33, 70.
 verticalis, 303.
 Tyto alba lifuensis, 222.
 alba pratincola, 430.
 flammea perlata, 389.
 URAGUS sibiricus sanguinolentus, 48.
 Uranomitra, 431.
 Uria troile troile, 196.
 lomvia, 196.
 Uropsalis, 89.
 Urubitinga, 333.
 VAN OORT, E. D., notice of recent papers by, 213.
 Veery, 17-21, 82, 135, 184.
 Vermivora celata celata, 78, 192.
 c. lutescens, 367.
 chrysoptera, 202.
 leucobronchialis, 203.
 peregina, 1-8, 78.
 pinus, 202.
 rubricapilla gutturalis, 325.
 Vireo atricapillus, 191.
 griseus griseus, 38.
 gundlachii orientalis, 333.
 latimeri, 407.
 Vireo, Black-capped, 191.
 Blue-headed, 176, 191.
 Cassin's, 367.
 Jamaican, 416.
 Philadelphia, 78.

- Vireo, Red-eyed, 31, 35, 82, 176.
 Warbling, 176.
 White-eyed, 38.
 Western Warbling, 314, 367.
 Yellow-throated, 31, 35, 176.
- Vireosylva calidris calidris, 416.
 gilva gilva, 176.
 g. swainsoni, 314, 367.
 olivacea, 35, 176.
 philadelphica, 78.
- Virginia, 203.
- Vulture, Black, 381.
- WARBLER, Adelaide's, 417.
 Audubon's, 192, 205, 314, 367.
 Bay-breasted, 180, 437.
 Black and White, 31, 36, 167,
 177, 204, 418.
 Blackpoll, 138, 167.
 Blackburnian, 180.
 Black-throated Blue, 178, 417.
 Black-throated Gray, 367.
 Black-throated Green, 37, 167,
 180.
 Blue-winged, 202.
 Calaveras, 325.
 California Yellow, 367.
 Canada, 182.
 Cape May, 138, 203, 418,
 437.
 Chestnut-sided, 179.
 Golden-cheeked, 192.
 Golden Pileolated, 368.
 Golden-winged, 202.
 Hermit, 368.
 Lutescent, 367.
 MacGillivray's, 192, 205, 315,
 368.
 Magnolia, 179.
 Myrtle, 139, 167, 178, 417.
 Northern Parula, 177, 418.
 Orange-crowned, 78, 192.
 Pileolated, 205, 315, 402.
 Porto Rican Yellow, 418.
 Pine, 181.
 Prairie, 329, 417.
- Warbler, Sycamore, 192.
 Tennessee, 1-8, 78, 437.
 Townsend's, 367.
 Wilson's, 182, 437.
 Yellow, 31, 34, 82, 132, 167,
 178, 314, 436.
 Yellow Palm, 181.
- Ward, F. H., Evening Grosbeak at
 Rochester, N. Y., 325.
- Warren, Edward R., notes on the
 birds of the Elk Mountain
 region, Gunnison County, Colo-
 rado, 292-317.
- Washburn, F. L., notice of his
 'Further Observations on Minne-
 sota Birds,' 215.
- Washington, 76, 357-370.
- Water-Thrush, Grinnell's, 192, 368.
 Louisiana, 417.
- Watson, J. B., and Lashley, K. S.,
 review of their 'Homing and
 Related Activities of Birds,' 83.
- Waxwing, Cedar, 175.
- West Indies, 338.
- Wetmore, Alexander, the birds of
 Vieques Island, Porto Rico, 403-
 419; review of his 'Birds of
 Porto Rico,' 333.
- Wharton, William P., Blue-gray
 Gnatcatcher at Groton, Mass., 78.
- White, S. A., notice of his 'Scien-
 tific notes on an Expedition into
 the Northwestern Regions of
 South Australia,' 341.
- Widgeon, American, 75.
 European, 15, 75, 320.
- Willet, 198.
 Western, 298.
- 'Wilson, Bulletin, The,' review of,
 219.
- Wilsonia canadensis, 182.
 pusilla pileolata, 205, 315, 402.
 p. pusilla, 182.
 p. chryseola, 368.
- Wisconsin, 438.
- Witherby, H. F., notice of his 'Re-

- port on the 'British Birds' Marking Scheme,' 213.
- Wood, Casey A., review of his 'The Eyelids of Birds,' 87.
- Wood, J. Claire, obituary notice of, 459.
- Wood, Norman A., Smith, Frank, and Gates, Frank C., notice of their 'The Summer Birds of the Douglas Lake Region, Michigan,' 442.
- Woodcock, American, 63.
- Woodpecker, Batchelder's, 302.
Downy, 31, 37, 69.
Golden-fronted, 189.
Harris's, 364.
Lewis's, 302, 365.
Northern Hairy, 69.
Northern Pileated, 69, 364.
Porto Rican, 413.
Rocky Mountain Hairy, 301.
Sitka, 303.
- Wren, Alaska, 403.
Baird's, 193.
Carolina, 38, 438.
House, 31, 35.
Rock, 316.
Seattle, 368.
Texas, 193.
Western House, 193, 203, 316, 368.
Western Winter, 368.
- Wren, Winter, 182.
Wyoming, 77.
- XANTHOPYGIA narcissina narcissina, 47.
- Xenopicus albolarvatus gravirostris, 427.
- Xiphocolaptes major saturatus, 338.
- Xiphorhynchus guttata rimarum, 444.
- YELLOWLEGS, 65, 76, 250, 320.
Greater, 64, 165, 248, 320.
Lesser, 250, 402, 411.
Little, 250.
Summer, 250.
- Yellowthroat, Maryland, 31, 34.
Pacific, 181.
- ZAMELODIA ludoviciana, 53-56, 173.
melanocephala, 312.
- Zenaida auriculata, 386.
zenaida lucida, 347, 412.
- Zenaidura macroura carolinensis, 165.
m. marginella, 300.
m. caurina, 331, 427.
- Zonotrichia albicollis, 166, 172, 190.
coronata, 366.
leucophrys leucophrys, 166, 172, 310, 366.
querula, 190.