

INDEX TO VOLUME XLI.

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

- ABRONIS**, 502.
Acanthis flavirostris miniakensis, 507.
 linaria linaria, 589.
Acanthopneuste, 502.
Accentor modularis, 506.
Accipiter cooperi, 292, 298, 556, 637.
 bicolor, 637.
 fasciatus, 637.
 etorques, 197.
 leucosomus, 197.
 macularia, 149, 291, 297, 309, 341.
 minullus sassii, 638.
 nisus, 637.
 n. hibernicus, 502.
 novae-hollandae, 637.
 velox, 292, 298, 556, 637.
Actitis macularia, 554.
Adams, William C., 'Fisher on Scientific Collecting,' 199-201.
Aethopyga, 381.
Africa, birds of, 174-175, 175-176, 189, 190, 494, 600, 620, 622, 625.
Agelaius phoeniceus arctolegus, 300.
 p. neutralis, 560.
 p. phoeniceus, 294.
Agriocharis, 370.
Aimophila obscura, 593.
Ajaia ajaja, 307.
Alabama, birds of, 162, 482, 489, 601.
Alaemon alaudipes omdurmanensis, 635.
Alaska, birds of, 231-237, 481.
Alauda arvensis hainana, 507.
 a. henrii, 197.
 a. weigoldi, 507.
Alcedo cristata, 342.
Allen, Arthur A., a contribution to the life history of the Screech Owl, 1-16.
Allen, Glover M., notice of his lectures on the 'Elements of Ornithology,' 206, 514; fiftieth anniversary of the Nuttall Ornithological Club, 203.
Amazilia tzacatl tzacatl, 315.
Amazona farinosa inornata, 313.
Amblycercus, 467.
 holosericeus, 320.
American Ornithologists' Union, forty-first stated meeting of the, 124-134; report of the secretary of the, 135-144; notice of forty-second meeting of, 212; Pitts-burgh meeting of, 514-515.
A. O. U. Check-List, ninth annual list of changes in, 590-595.
Ammodramus bairdi, 301.
 savannarum bimaculatus, 301.
Ammomanes deserti, 498.
Amytornis goyderi, 197.
Anas, 358-359.
 aberti, 359.
 diazi novimexicana, 591.
 drygalskii, 359.
 fulvigula, 359.
 fulvigula fulvigula, 359, 594.
 f. maculosa, 359, 471, 594.
 gibberifrons mathewsi, 359.
 maculosa, 359.
 novimexicana, 591.
 platyrhynchos, 84, 297, 554, 585, 587.
 rubripes, 338, 471.
 wywilliana, 359.
Anatidae, 72-89, 358-359.
Andigena hypoglaucus lateralis, 368.

- Andropadus*, 496.
 ansorgei muniensis, 638.
Anhinga anhinga, 168.
Ani, 313.
Anthreptes, 381.
 Ant-bird, Black Tyrannine, 319.
 Ant-shrike, Black-crowned, 319.
 Slaty, 319.
 Ant-wren, Northern Long-billed,
 319.
Anthus spraguei, 303, 342.
Antrostomus vociferus vociferus,
 293.
Aphriza virgata, 231-237.
Poecryptornis, 624.
 lineifrons, 624.
Apteryx mantelli, 190.
Apus apus, 504.
Aquila chrysaetos, 92, 292, 298, 556,
 601.
Aracari, Collared, 314.
Arachnothera, 381.
Aramus vociferus, 559.
Archibuteo lagopus sancti-johannis,
 292, 556, 583.
 ferrugineus, 298.
Archilochus colubris, 293.
Archiplanus, 467.
 'Ardea,' reviewed, 378, 637.
Ardea herodias herodias, 291, 297.
 intermedia, 591.
 occidentalis, 599.
Arenaria interpres, 309.
 Argentina, birds of, 144-146, 169,
 595.
 Arizona, birds of, 188, 423-432.
Arremonops conirostris, 321.
Artamella, 635.
Asio flammeus, 260-263, 292, 298.
 otus, 504.
 wilsonianus, 292.
Astragalinus psaltria colombianus,
 321.
 tristis pallidus, 561.
 t. tristis, 58, 294, 301, 332.
Astur atricapillus atricapillus, 292,
 478.
 meyerianus, 637.
 planes, 637.
Asturina nitida, 311.
Asyndesmus lewisi, 156, 558.
Atalotriccus pilaris pilaris, 316.
Athene noctua solitudinis, 498.
Attila citreopygus citreopygus, 319.
Auduboniana, 237-242.
 'Auk, The,' complete sets of, 207-
 212.
 Australia, birds of, 183, 500.
 Australia, check list of birds of, 513.
 'Avicultural Magazine,' reviewed,
 196, 376, 503, 635.
BAEOLOPHUS bicolor, 169.
 Bailey, Florence M., notice of her
 'Bird Records from the Santa
 Rita Mountains, Arizona,' 188;
 an Arizona valley bottom, 423-
 432.
 Bailey, S. Waldo, late nesting of the
 Hermit Thrush, 163.
 Baird Ornithological Club, annual
 meeting of, 514.
 Baker, E. C. Stuart, notice of his
 'Hand List of Genera and Species
 of Birds of the Indian Empire,'
 191.
 Baldpate, 76, 77, 79, 85.
 Bannerman, David A., notice of his
 'Report on Birds Collected on the
 Ivory Coast,' 190; notice of his
 'A Revision of the African Bul-
 bulbs,' 496.
 Bannerman, David A., and Bates,
 Geo. L., notice of their 'On Birds
 Collected in Cameroon and Ni-
 geria,' 497.
Bartramia longicauda, 291, 297,
 309.
Basileuterus rufifrons mesochrysus,
 324.

- Bates, George L., see Bannerman, D. A.
- Baza lophotes melli, 198.
- Beck, Herbert H., the Pennsylvania German names of birds, 288-295; the Hooded Merganser apparently nesting in Lancaster Co., Pa., 596; review of his 'A Chapter on the Ornithology of Lancaster County, Penna.,' 623.
- Bedell, Edgar, Pileated Woodpecker in the Helderberg Mts., N. Y., 602.
- Beebe, William, review of his 'Galapagos: World's End,' 489.
- Bergtold, W. H., Colorado Anatidae, 72-89; the Colorado Crow, 158; the Black Duck in Colorado, 338; Blackpoll Warbler in Denver, Colorado, 485; the Saw-whet Owl in Yellowstone Park, 602; a summer occurrence of the Bohemian Waxwing in Colorado, 614.
- Bicknell, E. P., the status of the Black Gyrfalcon as a Long Island bird, 64-68.
- Bird banding, 451-462, 503, 621.
- 'Bird-Lore,' reviewed, 193, 373, 500, 632.
- Bird Protection, 625, 648, 649.
- Birds in insect control, 627.
- Birds and foot and mouth disease, 628.
- Bishop, S. C., a note on the food of the Passenger Pigeon, 154.
- Bittern, 291, 297.
Least, 472.
- Blackbird, 626.
Brewer's, 300, 560.
Giant Red-winged, 300.
Red-breasted, 320.
Red-winged, 294.
San Diego Red-winged, —.
- Blake, S. F., American Egret in New Hampshire, 152; Blue-gray Gnatcatcher in the District of Columbia in winter, 349.
- Bluebird, Mountain, 565.
Western, 565.
- Bobolink, 294, 300, 513, 560.
- Bob-white, 205, 292, 332, 554.
- Bolivia, birds of, 624.
- Bombycilla cedrorum, 160, 302, 485, 563.
garrula, 347, 563, 583, 614.
- Bonasa umbellus umbellus, 292, 332, 555.
- Booby, Blue-footed, 306.
White-bellied, 306.
- Botaurus lentiginosus, 291, 297.
- Boulton, Rudyerd, the Acadian Flycatcher (*Empidonax virens*) at Cold Spring Harbor, Long Island, 344; the Cerulean Warbler (*Dendroica cerulea*) in Central Park, New York, 348.
- Brandt, Herbert W., the nesting of the Short-tailed Hawk, 59-64.
- Brant, 77.
- Branta bernicla bernicla, 634.
b. collaris, 635.
b. glaucogaster, 635.
canadensis canadensis, 89, 290, 588.
c. hutchinsi, 89, 594.
canadensis minima, 591.
c. occidentalis, 594.
minima, 591.
minuscula, 370.
nigricans, 635.
- Brewster, William, review of his 'The Birds of the Lake Umbagog Region of Maine,' 618.
- Brimley, H. H., White-fronted Goose in North Carolina, 339.
- 'British Birds,' reviewed, 195, 376, 502, 635.
- British Columbia, birds of, 494.
- British Ornithologists' Club, 'Bulletin' reviewed, 196, 375, 502, 634.

- Broadbills, 625.
- Bronson, Barnard S., American Egret in Albany Co., N. Y., 152.
- Brooks, Allan, sexual variation in *Nepheocetes niger*, 383.
- Brooks, W. Sprague, notes from Massachusetts and Maine, 163-164.
- Brotogeris jugularis, 312.
- Brown, N. C., further increase in Grackles at Portland, Maine, 481;
- Buarremon, 184.
 assimilis, 184.
 brunneinucha, 184.
 inornatus, 184.
 poliophrys, 184.
- Bubo virginianus virginianus, 156, 169, 292, 478.
 v. occidentalis, 298.
 v. subsp., 557.
- Buccanodon duchaillui gabriellae, 635.
- Bufflehead, 78, 79, 585.
- Bulweria, 594.
- Bunting, Indigo, 294, 302, 574, 577, 586.
 Lark, 302, 562.
 Lazuli, 302.
 Snow, 561, 572.
- Burnett, W. L., Colorado bird notes, 618.
- Buteo borealis borealis, 292.
 b. calurus, 556.
 hypspodius, 637.
 lineatus lineatus, 292.
 platypterus, 58, 292, 311.
 poecilochrous, 637.
 swainsoni, 298, 556.
 typhoius, 370.
- Buteola brachyura, 59-64, 311.
- Butler, Amos W., a Florida Flamingo, 150-152.
- Butorides virescens virescens, 291, 308.
- Butterball, 78, 79, 88.
- Buzzard, Turkey, 555.
- CACICUS, 467.
 vitellinus, 320.
 microrhynchus, 320.
- Cacique, Lawrence's, 320.
 Prevost's, 320.
 Small-billed, 320.
- Caciques, 463-467.
- Calamospiza melanocorys, 302.
- Calcarius ornatus, 301.
- California, birds of, 187-188, 353-358, 486.
- Calonectris kuhlii kuhlii, 591.
 diamedea diamedea, 591.
- Calypte, 593.
- Calyptophilus frugivorus abbotti, 496.
- Cameroon, birds of, 497.
- Camptostoma pusillum flaviventre, 316.
- Camptostoma, Yellow-bellied, 316.
- Canachites franklini, 555.
- Canada, birds of, 158, 614.
- Canvasback, 77, 78, 79, 87.
- Cape Verde Islands, birds of, 622.
- Capsiempis flaveola, 317.
- 'Cardinal, The,' reviewed, 374.
- Carpodacus cassini, 561.
 mexicanus frontalis, 561.
 purpureus purpureus, 332, 346, 606-610.
- Carpophaga latrans, 433.
- Carter, T. Donald, Snow Geese at Boonton, N. J., 472.
- Casmerodius egretta, 152, 153, 165, 291.
- Cassiculus, 467.
- Cassicus, 495.
- Catbird, 295, 303, 351, 564.
- Cathartes aura septentrionalis, 166, 292, 298, 476, 555.
- Catoptrophorus semipalmatus, 309.
- Centrocercus urophasianus, 298.
- Centurus rubicollis, 314.
- Cephalopyrus flammiceps olivaceus, 369.
- Cerchneis sparverius, 311.

- Cercomacra nigricans*, 319.
Cerry, Haskell B., see Eaton, Warren F.
Certhia familiaris kwanhsienensis, 507.
 f. montana, 564.
 f. waschanensis, 507.
Ceryle alcyon, 293, 299, 586.
 a. caurina, 557.
 torquata stictipennis, 343.
Chaemepelia minuta elaeodes, 310.
 rufipennis rufipennis, 310.
Chaetura pelagica, 293, 299.
 vauxi, 558.
Chalcostigma, 495.
Chalcostithia, 381.
Chalybura buffonii, 315.
Chamaeza, 624.
Chamberlain, E. B., the Stilt Sandpiper (*Micropalama himantopus*) in South Carolina, 473.
Chapin, J. P., notice of his 'The Olive Ibis of DuBus and Its representative on Sao Thome,' 185.
Chapman, Frank M., criteria for the determination of subspecies in systematic ornithology, 17-29; review of his 'Mutation among Birds in the Genus Buarremon,' 184; notice of his 'New Formicariidae and Dendrocolaptidae,' 185; review of his 'Descriptions of Proposed New Birds from Venezuela, Colombia, Ecuador, Peru and Chile,' 368; notice of his 'Descriptions of New Genera and Species of Tracheophonae from Panama, Ecuador, Peru and Bolivia,' 624; notice of his 'Descriptions of New Flycatchers from Colombia, Ecuador and Peru,' 624.
Chapman, Frank M., and Griscom, Ludlow, notice of their 'The Wrens of the Genus *Troglodytes*,' 623.
Chamberlain, Montague, obituary of, 643.
Charadrius semipalmatus, 309, 600.
Charitonetta albeola, 88, 585.
Chat, Long-tailed, 303.
 Yellow-breasted, 486, 548.
Chauna chavaria, 170.
Chen hyperboreus hyperboreus, 89.
 h. nivalis, 472.
Chickadee, 58, 332, 573, 579, 616.
 Acadian, 163.
 Black-capped, 58, 332.
 Labrador, 163.
 Long-tailed, 303.
 Mountain, 564.
Chile, birds of, 334-336, 368, 495.
China, birds of, 369, 497.
Chiroxiphia lanceolata, 319.
Chlidonias nigra surinamensis, 169.
Chloris sinaca tschiliensis, 507.
Chloroceryle amazona, 313.
 americana isthmica, 313.
 aenea, 313.
Chloroenas micula, 370.
Chloronerpes rubiginosus coloratus, 368.
Chlorostilbon assimilis, 316.
Chondestes grammacus grammacus, 160.
 g. strigatus, 301, 561.
Chordeiles acutipennis texensis, 315.
 minor, 315.
 virginianus hesperis, 558.
 v. sennetti, 299.
 v. virginianus, 58, 293.
Chubb, Charles, obituary of, 646.
Cicaba nigrolineata nigrolineata, 312.
Cinclus mexicanus unicolor, 505, 564.
Cinnyris, 381.
Circus aeruginosus, 504.
 assimilis celebensis, 505.
 hudsonius, 292, 298, 556.
 ranivorus aequatorialis, 505.
Cistothorus stellaris, 166, 349, 353.

- Clangula americana*, 588.
 islandica, 87.
 sp., 554.
Claravis pretiosa, 310.
Clypeicterus, 467.
 Coale, Henry K., *Tyrannus verticalis*; a new bird for Illinois, 603.
Coccyzus americanus americanus, 293, 594.
 a. *occidentalis*, 594.
 erythrophthalmus, 293, 299.
Coccothraustes vespertinus vespertinus, 569-572.
 v. *montanus*, 569.
Coccyua rutila panamensis, 313.
Cochlearius zeledoni, 308.
Colaptes auratus luteus, 293, 299.
 cafer collaris, 299, 558.
 cafer, 27.
 Coles, Russell J., recent observations of the Long-billed Curlew at Cape Lookout, N. C., 153.
Colinus virginianus virginianus, 292, 332, 554.
Colius leucotis congeicus, 189.
 Collinge, W. E., on food of Black-bird, 626.
 Colombia, birds of, 368.
 Colorado, birds of, 72-89, 158, 338, 471, 485, 614.
 Coloration, 362-363.
Columba speciosa, 310.
Colymbus auritus, 290, 583.
 holboelli, 290.
 stellatus, 506.
 Comeau, Napoleon A., obituary notice of, 387; memorial to, 513.
 'Comparative Oölogist,' review of, 501.
Compsothlypis americana usneae, 166, 265.
 'Condor, The,' reviewed, 193, 373, 500, 633.
 Congo, French, birds of, 326-327.
 Conover, H. B., a new subspecies of *Nothoprocta* from Chile, 334-336.
 Coot, 291, 297.
Copsychus amoenus, 504.
Copurus, White-backed, 316.
Copurus leuconotus, 316.
Coragyps urubu, 164, 475.
 Cordier, A. H., review of his, 'Birds: Their Photography and Home Life,' 179.
 Cormorant, 150.
 Brazilian, 307.
 Double-crested, 583.
Corvus brachyrhynchos brachyrhynchos, 58, 158, 294, 588, 594.
 b. *hesperis*, 158, 300, 560.
 brachyrhynchos pascuus, 594.
 corax sinuatus, 560.
 macrorhynchos tibetosinosus, 507.
Corythornis cristata cristata, 342.
 c. *johannae*, 342.
Cosmopsarus, 502.
 Cotinga, Natterer's, 319.
 Selater's, 319.
 Cotinga *natterii*, 319.
Coturnix capensis, 116-123.
 coturnix, 116-123.
 japonica, 116-123.
 Court, Edward J., Black Vulture (*Coragyps urubu*) nesting in Maryland, 475.
 Cowbird, 57, 294, 577, 579, 588.
 Crane, Sandhill, 365.
Cranioleuca, 495, 624.
Creciscus jamaicensis jamaicensis, 592.
 j. *stoddardi*, 592.
 Creeper, Brown, 574, 578.
 Rocky Mountain, 564.
 Crosby, M. S., Flewelling, K., and Griscom, Ludlow, Junco nesting in Dutchess Co., N. Y., 613.
 Crosby, M. S., Frost, Allen, and Flewelling, K., Prairie Warbler nesting in Dutchess Co., N. Y., 614.

- Crossbill, 169, 301, 561.
Red, 581, 582.
White-winged, 152, 576, 580,
582, 586.
- Crotophaga ani, 313.
- Crow, 58, 158, 202, 294, 573, 575,
579-581, 648.
Western, 300, 560.
- Cryptoglaux acadica acadica, 156,
602.
funerea richardsoni, 155, 586.
- Crypturus soui nigriceps, 368.
s. panamensis, 310.
- Cuba, birds of, 599.
- Cuckoo, Black-billed, 293, 299.
- Cuckoo, Central American Squirrel,
313.
Guira, 170.
Northern Striped, 313.
Panama, 313.
Yellow-billed, 293.
- Curlew, Hudsonian, 153, 165, 309,
599.
Long-billed, 153, 352.
- Curry, Haskell B., see Eaton,
Warren F.
- Curucujus massena, 313.
melanurus pacificus, 368.
- Cyanerpes cyaneus, 320.
- Cyanocitta cristata cristata, 58,
294, 300.
stelleri annectens, 559.
- Cyanocompsa conereta cyanoides,
321.
- Cygnus columbianus, 89.
- Cymindes sociabilis, 593.
s. plumbeus, 593.
- DAKOTA, North, birds of, 296-303.
- Damophila panamensis, 315.
- Danforth, Stuart T., the Giant
Kingfisher (*Ceryle torquata stic-
tipennis*) in Grenada, 343; Short-
billed Marsh Wren at New
Brunswick, N. J., 349; some bird
notes from Jaffrey, N. H., 352.
- Davis, R. N., Owls and Starlings,
345.
- Dawson, Wm. Leon, review of his
'The Birds of California,' 353-
358.
- Dendragapus obscurus howardi,
194, 592.
o. munroi, 593.
o. richardsoni, 555.
o. sitkensis, 593.
- Dendrocygna eversa, 370.
- Dendroica aestiva aestiva, 302, 324,
563.
auduboni auduboni, 302, 563.
caerulescens caerulescens, 264,
271, 351, 586.
castanea, 324, 587.
cerulea, 161, 348.
coronata, 169, 587.
discolor, kirtlandi, 44.
erithacorides, 324.
kirtlandi, 44-58.
magnolia, 265, 279.
nigrescens, 348.
palmarum hypochrysea, 587.
p. palmarum, 160, 584.
pennsylvanica, 265, 276, 279,
324.
striata, 485, 587.
tigrina, 587.
vigorsii, 58, 587.
virens, 58, 166.
- Dendroplex picus, 319.
picrostris, 319.
- Dewar, John M., review of his
'The Bird as a Diver,' 490.
- Dexter, Lewis, obituary of, 203.
- Diaphorillas textilis, 504.
- Dichromanassa rufescens, 599.
- Dickeissel, 342.
- Dipper, 505, 564.
- Disease in birds, 366-368.
- District of Columbia, 349.
- Diving, 490.
- Dolichonyx oryzivorus, 294, 300,
560, 618.

- Doolittle, E. A., record of Brun-
nich's Murre for Lake Co., Ohio,
148.
- Dove, Blue Ground, 310.
Cassin's, 310.
Mourning, 292, 352, 454.
Plain-breasted Ground, 310.
Ruddy Ground, 310.
Verreaux's Dove, 311.
Western Mourning, 297, 555.
- Dowitcher, Long-billed, 600.
- Dryobates hyperythrus sikkimensis,
634.
pubescens glacialis, 494.
p. homorus, 494, 557, 593.
p. leucurus, 593.
p. medianus, 293.
p. subsp., 299.
villosus leucomelas, 299.
v. monticola, 557.
- Dryoscopus thamnophilus, 505.
- DuBois, A. Dawes, a nuptial song of
the Short-eared Owl, 260-263.
- Duck, Black, 76, 77, 290, 338, 471,
573.
Florida, 359.
Harlequin, 76, 77.
Lesser Scaup, 77, 78, 79.
Mottled, 76, 77, 471.
Ring-necked, 77, 79, 87, 339,
472.
Ruddy, 76, 79, 88.
Scaup, 77, 585.
Wood, 581.
- Dumetella carolinensis, 295, 303,
351, 564.
- Dye, Harold G., Evening Grosbeak
at Rochester, N. Y., 345; Ruby-
crowned Kinglet summering at
Rochester, N. Y., 349.
- Dysithamnus, 624.
- EAGLE, Bald, 89-105, 213-231, 292,
389-422, 517-541.
Golden, 292, 298, 556, 601.
- Eaton, Warren F., decrease of the
English Sparrow in eastern Mas-
sachusetts, 604; nest and young
of Yellow-bellied Flycatcher, 480.
- Eaton, Warren F., and Curry,
Haskell B., Richardson's Owl in
Vermont, in summer, 155.
- Economic Ornithology, 372, 380,
499, 627, 628.
- Economic Ornithology in Recent
Entomological Publications, 191-
193, 629.
- Ectopistes migratorius, 154, 292.
- Ecuador, birds of, 368, 624.
- Egret, 152, 153, 165.
Snowy, 473, 599.
Reddish, 599.
- Egretta candidissima candidissima,
473, 599.
- Eider, King, 597.
- Eifrig, G., is photoperiodism a
factor in the migration of birds?,
439-444.
- 'El Hornero,' review of, 501.
- Elaenia, Northern, 316.
- Elaenia flavogaster subpagana, 316.
chiriquensis, 317.
- Electron platyrhynchus minor, 314.
- Elliot, Willard Ayres, review of his
'Birds of the Pacific Coast,' 181.
- Elton, C. S., see Sumner Hayes,
U. S.
- Emberiza cioides weigoldi, 507.
icterica, 636.
- Emerald, Allied, 316.
- Empidonax flaviventris, 480.
minimus, 300, 603.
trilli trilli, 599.
virescens, 344.
- 'Emu, The,' reviewed, 197, 376,
503, 636.
- England, birds of, 183.
- Eremophila berlepschi, 504.
- Ereunetes mauri, 165, 308.
pusillus, 165, 168.
- Erismatura jamaicensis, 88.
- Erolia ferruginea, 340, 341.

- Essex County Ornithological Club
'Bulletin,' review of, 501.
- Euchlornis, 495.
- Eucinetus haematotis coccincol-
laris, 312.
- Euethia olivacea pusilla, 321.
- Eupetes caerulescens occidentalis,
505.
- Euphagus cyanocephalus, 300, 560.
- Eurillas, 496.
- Europe, birds of, 174-175, 184.
- Eurylaemidae, 625.
- Euscarthmus, 624.
- Extirmination of species, 202.
- FALCO albigularis, 637.
columbarius, 494.
c. columbarius, 556.
c. suckleyi, 494.
c. richardsoni, 494.
deioleucus, 637.
mexicanus, 298, 556.
obsoletus, 67.
peregrinus anatum, 292, 298.
rusticolus gyrfalco, 66.
sacer, 66, 593.
sparverius phalaena, 556.
s. sparverius, 58, 292, 298, 311.
- Falcon, Prairie, 556.
- Farley, J. A., habits of the Osprey,
154; food habits of owls, 156;
abnormal Cedar Waxwing, 160;
Argentine birds, 169, 170; an-
other Goshawk's nest in Massa-
chusetts, 478.
- Federated Bird Clubs of New
England, 649.
- Ferguson, Harry L., Long-billed
Curlew (*Numenius americanus*)
on Fisher's Island, N. Y., 153.
- Finch, Cassin's Purple, 561.
Hepburn's Rosy, 561.
House, 425, 429, 561.
Purple, 332, 346, 575, 606-610.
- Finley, William L., notice of his
'Hunting Birds with a Camera,'
183.
- Fisher, A. K., comment on his
paper on 'Scientific Collecting,'
199-201.
- Fish-hawk, 312.
- Fitzsimmons, F. W., review of his
'Birds of South Africa,' 175-176.
- Flamingo, 150, 598, 599.
- Fletcher, Laurence B., see Whittle,
Charles L.
- Flewelling, K., see Crosby, M. S.
- Flicker, Gilded, 423, 425, 430.
Northern, 293, 299.
Red-shafted, 27, 299, 558.
- Florida, birds of, 59-64, 150-152, 598.
- Florida caerulea, 152, 153, 165, 291,
307.
- Flycatcher, Bran-colored, 318.
Boat-billed, 318.
Cayenne, 318.
Colombian, 318.
Crested, 41-44.
Gray-capped, 318.
Lawrence's, 317.
Lawrence's Bent-billed, 316.
Least, 300, 603.
Olive-sided, 58, 559, 574.
Pygmy, 316.
Traill's, 559.
Vermilion, 425.
Yellow, 317.
Yellow-bellied, 480, 574, 580.
- Forbes, Stephen A., and Gross,
Alfred O., review of their 'Dis-
tribution of Illinois Birds of the
Open Country in Winter, Spring
and Fall,' 371.
- Forbush, Edward H., gulls and
terns feeding on the seventeen
year cicada, 468.
- Formicarius analis zamorae, 368.
- Fossil birds, 370.
- Fox, Herbert, review of his 'Disease
in Captive Wild Mammals and
Birds,' 366-368.

- Fregata aquila, 307, 599.
 Frey, Edith K., Bohemian Waxwing
 at Jackson, Mich., 347.
 Frigate Bird, 307.
 Frost, Allen, see Crosby, M. S.
 Fuertes, Louis A., Curlew Sand-
 piper on Fisher's Island, N. Y.,
 341.
 Fulica americana, 291, 297.
 Fulmar, 470.
 Fulmarus glacialis glacialis, 470.
 Fulton, H. R., notice of his paper
 on birds and the chestnut blight,
 499.
 GABRIELSON, Ira N., notes on the
 birds of Wallowa County, Oregon,
 552-565.
 Gabrielson, Ira N., and Jewett,
 Stanley G., notes on the birds of
 western North Dakota, 296-303.
 Gadwall, 76, 78, 79, 85.
 Galapagos, birds of, 489.
 Gallinago delicata, 291, 554.
 Gallinule, Purple, 308.
 Gannet, 168.
 Garrulax pectoralis subfusa, 635.
 Gavia immer, 290.
 stellata, 167.
 Geopsittacus occidentalis, 503.
 Georgia, birds of, 451-462.
 Geositta cucularia deserticolor,
 495.
 Geothlypis formosa, 618.
 trichas occidentalis, 303.
 t. trichas, 168.
 Geranoaetus conterminus, 370.
 contortus, 370.
 'Gerfaut, Le,' reviewed, 378.
 Gianini, Charles A., behavior of
 Swans, 340.
 Gillespie, John A., some nestings of
 the Crested Flycatcher, 41-44;
 trapping Lincoln's Sparrow in
 Pennsylvania, 613.
 Glaucidium gnoma californicum,
 557.
 g. pinicola, 557.
 g. grinelli, 557.
 Glaucis hirsuta affinis, 315.
 Globicera pacifica, 433-438.
 Gnatcatcher, Blue-gray, 164, 349.
 Godwin-Austen, Henry H., obitu-
 ary of, 512.
 Godwit, Hudsonian, 600.
 Marbled, 297.
 Golden-eye, 76, 77, 79, 554, 588.
 Barrow's, 76, 78, 87.
 Goldfinch, 58, 294, 301, 332, 572,
 575.
 Central American, 321.
 Pale, 561.
 Goose, Canada, 77, 79, 89, 290, 572,
 581, 582, 588.
 Hutchins', 77, 79, 89.
 Cackling, 77.
 Greater Snow, 76, 77, 472.
 Ross', 77.
 Snow, 76, 79, 89.
 White-fronted, 77, 339.
 Gormley, A. L., first Ontario record
 for Fulmarus g. glacialis, 470.
 Gornitz, K., review of his papers on
 feather colors and pigments, 362-
 363.
 Goshawk, 292, 478.
 Grackle, Bronzed, 26, 168, 300, 482.
 Great-tailed, 320.
 Purple, 26.
 Grallaria, 624.
 martinsi, 637.
 Grallaricula peruviana, 368.
 Grammatoptila striata sikkimensis,
 635.
 Grange, Wallace B., Palm Warblers
 summering in northern Wiscon-
 sin, 160.
 Grant, W. R. Ogilvie, obituary of,
 644.
 Grassquit, Blue-black, 321.
 Mexican, 321.

- Graucalus papuensis wilkinsi, 502.
- Gray, George W., the Cerulean Warbler in Dutchess County, N. Y., 161.
- Great Britain, birds of, 360-361, 361-362, 497.
- Grebe, Holboell's, 290.
Horned, 290, 575, 583.
Pied-billed, 290, 297, 575.
- Grebes, 29-41, 369.
- Grenada, birds of, 343.
- Grinnell, Joseph, review of his 'Observations upon the Bird Life of Death Valley,' 187-188.
- Grinnell, Joseph, and Storer, Tracy I., review of their 'Animal Life in the Yosemite,' 486.
- Griscom, Ludlow, a review of the West Indian Black Swifts, 68-71; review of his 'Birds of the New York City Region,' 172-174; Black Wren near New York City in spring, 337; Arctic Three-toed Woodpecker in New Jersey, 343; Seaside Sparrow in Central Park, New York City, 346; Philadelphia Vireo in the New York City Region, 347; Bicknell's Thrush in northern New Jersey, 349; see also Chapman, Frank M., and Crosby, M. S.
- Griscom, Ludlow and Johnson, J. M., Ring-necked Duck in northern New Jersey, 339.
- Grosbeak, Black-headed, 301, 562, 615.
Blue, 159.
California Evening, 560.
Evening, 159, 345, 352, 569-572, 573.
Pine, 164, 572, 573, 588, 589.
Rocky-Mountain, Pine, 561.
Rose-breasted, 301, 576, 580.
Lesser Rice, 321.
Panama Blue, 321.
Western Evening, 569.
- Grouse, Canada Ruffed, 573.
Columbian Sharp-tailed, 555.
Franklin's, 555.
Gray Ruffed, 555.
Richardson's, 555.
Ruffed, 292, 332.
Prairie Sharp-tailed, 297.
- Guara alba, 307, 599.
- Guira piririgua, 170.
- Guiraca caerulea caerulea, 159.
- Gull, Bonaparte's, 149, 165.
Franklin's, 468.
Great Black-backed, 164.
Herring, 149, 572, 635.
Laughing, 306, 468, 469.
Lesser Black-backed, 635.
Ring-billed, 149.
Thayer's, 337.
- Gymnopelia, 495.
- Gymnostinops, 467.
- Gyldenstolpe, Nils, review of his 'Zoological Results of the Swedish Expedition to Central Africa, 1921—Birds,' 620.
- Gyr Falcon Black, 64-68.
- HADELER, E. W., Hudsonian Curlew in Lake County, Ohio, 599.
- Haematopus palliatus, 473.
- Haiti, birds of, 496.
- Haliæetus leucocephalus, 89-105, 213-231, 292, 389-422, 517-541.
- Hallinan, Thomas, notes on some Panama canal zone birds with special reference to their food, 304-326.
- Harelda hyemalis, 88.
- Harrington, Alice B., Red-headed Woodpecker in Lincoln, Mass., 480.
- Hartert, Ernst, notice of his 'Die Vögel der palaarktischen Fauna,'

- 184; notice of recent papers by, 498.
- Hatt, Robert Torrens, notice of his 'The Land Vertebrate Communities of Western Leelanau Co., Mich.,' 626.
- Hawk, Broad-winged, 58, 292, 311.
Cooper's, 292, 298, 556, 575.
Desert Sparrow, 556.
Duck, 292, 298.
Marsh, 292, 298.
Mexican Black, 311.
Pigeon, 556.
Red-shouldered, 292.
Red-tailed, 292.
Rough-legged, 292, 556, 583.
Shining Buzzard, 311.
Short-tailed, 59-64, 311.
Sharp-shinned, 292, 298, 556, 575, 576.
Sparrow, 58, 292, 298, 311.
Swainson's, 298, 556.
Western Red-tailed, 556.
- Hayes, U. S. Sumner, and Elton, C. S., notice of their 'Birds in the Ecology of Spitsbergen and Bear Island,' 191.
- Hellmayr, C. E., notice of his 'New Birds from Chili, 495.
- Helmuth, Wm. Todd, 3rd., Curlew Sandpiper on Long Island, N. Y., 340; notes from eastern Long Island, 351.
- Helodromas solitarius solitarius, 291.
s. cinnamomeus, 297.
- Henderson, Junius, status of the Black and Mottled Ducks in Colorado, 471.
- Henicorhina prosthaleuca pittieri, 325.
- Hermit, Dusky, 315.
Lesser Hairy, 315.
- Heron, Black-crowned Night, 291, 308.
Boat-billed, 308.
Great Blue, 291, 297, 574.
Great White, 599.
Green, 291, 308, 575.
Little Blue, 152, 153, 165, 307.
Yellow-crowned Night, 308.
- Herrick, Francis H., an Eagle observatory, 89-105; nests and nesting habits of the American Eagle, 213-231; daily life of the American Eagle: late phase, 389-422, 517-541.
- Hersey, Luman J., obituary of, 647.
- Hesperiphona vespertina californica, 560.
v. vespertina, 159, 352.
- Heteroscelus incanus, 231-237.
- Hieraaetus kieneri, 638.
formosus, 638
pennatus, 637.
- Hierofalco rusticolus alascanus, 593.
r. sacer, 593.
- Hills, Victor, House Wren adopting Grosbeaks and Sparrows, 615.
- Hine, Ashley, Lewis' Woodpecker visits Chicago, 156; Burrowing Owl in northern Indiana, 602.
- Hirundo erythrogastra, 164, 295, 302, 324.
griseopyga gertrudis, 638.
- Holland, birds of, 186.
- Holmer, M. R. N., review of his 'Indian Bird-Life,' 366.
- Holt, Ernest G., Redpoll (*Acanthis linaria*) in Alabama, 482; Flamingos (*Phoenicopterus ruber*) in Florida, 598; a plea for more rational common names, 641; Phalaropus fulicarius: a new bird for Alabama, 601; Golden Eagle (*Aquila chrysaetos*) in Alabama, 601; Redstart (*Setophaga ruticilla*) breeding in Alabama, 162.
- Honey-creeper, Blue, 320.
- Horeites, 502.
- Hornaday, W. T., publications on wild-life protection, 513.

- Horsely, R. E., behaviour of two groups of Chickadees, 616.
- Houghton, Clarence, Pileated Woodpecker in Washington County, N. Y., 157.
- Howell, Arthur H., review of his 'Birds of Alabama,' 489.
- Howitt, Henry, the Golden-winged Warbler in Canada, 614.
- Hubert, E. E., notice of his publications on birds carrying tree disease, 499.
- Hummingbird, Broad-tailed, 558.
Calliope, 558.
Duchassain's, 316.
Lovely, 315.
Panama, 315.
Rieffer's, 315.
Ruby-throated, 293, 577, 580.
Rufous, 558.
Wilson's, 315.
- Hyde, A. Sydney, Chimney Swift nesting in a cistern, 157.
- Hylocichla fuscescens salicicola*, 303.
guttata auduboni, 565.
g. pallasi, 163, 167.
mustelina, 58, 253, 295.
- Hypopezus*, 624.
dives caquetae, 368.
- Hypolais icterina*, 637.
polyglotta, 637.
- Hypoxanthus rivolii meridae*, 368.
r. quindiuna, 368.
- Ibis, White, 307, 599.
'Ibis, The,' reviewed, 194, 375, 502, 634.
- Icteria virens longicauda*, 303, 564.
v. virens, 486.
- Icterus bullocki*, 300, 560.
galbula, 164, 294.
giraudi, 320.
spurius, 300.
- Ictinia mississippiensis*, 477.
- Illinois, birds of, 156, 371, 603.
- India, birds of, 191, 366, 602.
- Indiana, birds of, 602.
- Inland Bird Banding Association, annual meeting, 203.
- International Committee on Bird Protection, 648.
- Ionornis martinicus*, 308.
- Iridoprocne bicolor*, 302.
- Ixobrychus exilis*, 472.
- Ixoreus naevius meruloides*, 565.
- JACANA, Black, 309.
Jacana nigra, 309.
Jaeger, Parasitic, 167.
- Janvrin, E. R. P., the King Eider on Long Island in summer, 597.
- Japan, birds of, 116-123.
- Japanese ornithologists and the earthquake, 207.
- Jay, Black-headed, 559.
Blue, 54, 294, 300.
Canada, 578.
Rocky Mountain, 559.
- Jenney, Charles Francis, obituary of, 386.
- Jensen, J. K., the great Grosbeak year, 569-572; Kingbird (*Tyrannus tyrannus*) in New Mexico, 603.
- Jewett, Stanley G., see Gabrielson, Ira N.
- Johnson, J. M., see Griscom, Ludlow.
- Johnston, I. H., review of his 'Birds of West Virginia,' 180.
'Journal für Ornithologie,' reviewed, 197, 378, 504, 637.
- Junco, Carolina, 610.
Montana, 562.
Shufeldt's, 562.
Slate-colored, 58, 328, 588, 613.
- Junco hyemalis carolinensis*, 610.
h. connectens, 562.
h. hyemalis, 58, 294, 328, 588.
h. montanus, 562.

- KILLDEER**, 291, 297, 554, 577.
Kingbird, 58, 299, 318, 558, 603.
 Arkansas, 299, 559, 565.
 Lichtenstein's, 318.
Kingfisher, Amazon, 313.
 Belted, 299, 586.
 Giant, 343.
 Isthmian Green, 314.
 Least Green, 314.
 Northwestern Belted, 557.
 Ringed, 313.
Kinglet, Golden-crowned, 588.
 Ruby-crowned, 349, 564.
 Western Golden-crowned, 564.
Kite, Cayenne, 311.
 Mississippi, 477.
Kittiwake, 573.
Koeltz, Walter, some notes from
 Michigan, 617.
Kuroda, Nagamichi, note on the
 Japanese Quail, 116-123.
LAGOPUS cinereus, 195.
 mutus millaisi, 195.
 rupestris dixonii, 494.
Laimbeer, Richard Harper, review
 of his 'Birds I Have Known,'
 177-179.
Lalage karu albidior, 498.
Lamprolaima akeleyorum, 185.
 cupreipennis, 185.
 bocagei, 185.
 olivacea, 185.
 rara, 185.
 rothschildi, 185.
Lanius borealis, 563.
 ludovicianus excubitorides, 302.
 l. migrans, 586.
 mackinnoni zenkerianus, 638.
 schach stresemanni, 507.
 viridis, 635.
Lanivireo flavifrons, 324.
 solitarius cassini, 563.
 s. solitarius, 164.
Lark, Dusky Horned, 559.
 Pallid Horned, 559.
 Prairie Horned, 573, 576, 582.
 Saskatchewan Horned, 300.
 Horned, 23, 617.
Larus atricilla, 306, 468.
 argentatus, 149, 591.
 delawarensis, 149.
 franklini, 468.
 marinus, 164.
 philadelphia, 149, 165.
 thayeri, 337.
 varius, 591.
Latham, Roy, Blue-winged Teal
 breeding on Long Island, N. Y.,
 338; Blue-winged Teal breeding
 on Long Island—supplement,
 471; Least Bittern in the Orient
 District, Long Island, 472.
Lawrence, Robert B., Robins nest-
 ing at Houston, Texas, 1922 and
 1923, 350.
 'L'Oiseau,' reviewed, 378, 504, 637.
LeSouef, W. H. Dudley, obituary
 of, 384.
Leguatea gigantea, 198.
Leistes militaris, 320.
Leopold, N. F., Jr., the Kirtland's
 Warbler in its summer home, 44-
 58.
Lepidopygia caeruleogularis, 316.
Leptodon palliatus, 311.
Leptotila cassini, 310.
 verreauxi verreauxi, 311.
Leucosticte tephrocotis littoralis,
 561.
Lewis, Harrison F., notice of his
 'Notes on Spring Bird Migration
 at Antigonish, N. S.,' 190; com-
 mon names of the Robin, 616.
Lewis, John B., an Oystercatcher in
 Brunswick County, Virginia, 473.
Limnocyptes gallinula, 592.
 minimus, 592.
Limosa fedoa, 297.
 haemastica, 600.
Limpkin, 599.
Lincoln, F. C., review of his 'In-

- structions for Banding Birds,' 621; obituary of Luman J. Hersey, 647.
- Lincoln, Tom, account of his home, 237-242.
- Lobipes lobatus, 165.
- Longspur, Chestnut-collared, 301. McCown's, 301.
- Lönnerberg, Einar, notice of his 'Notes on Some Birds from Kansu, China,' 497.
- Loon, 29-41, 290, 580. Red-throated, 167.
- Lophodytes cucullatus, 76, 79, 84.
- Lophortyx californica achrustera, 592.
c. californica, 555.
- Lorius roratus goodsoni, 498.
- Lowe, George C., review of his 'The Literature of the Charadriiformes,' 492.
- Lowe, Percy R., notice of his 'On the Presence of Broadbills in Africa,' 625.
- Loxia curvirostra minor, 169, 301, 561.
leucoptera, 152, 586.
- Loyd, Lewis R. W., notice of his 'The Protection of Birds: An Indictment,' 625.
- Luscinia brunnea dendrobiastes, 638.
- Lybius vieilloti buchani, 498.
- MCATEE, W. L., review of his 'Local Names of Migratory Game Birds,' 186; economic ornithology in recent entomological publications, 191-193.
- McNair, James B., notice of his report of birds eating fruit of Poison Oak, 372.
- Macrosphenus collinsi, 326.
flavicans flavicans, 326.
- Madanga ruficollis, 498.
- Magee, M. J., Caspian Tern in Michigan, 149; Evening Grosbeak (*Hesperiphona v. vespertina*) in Michigan, 159; plumages and moults of the Purple Finch, 606.
- Magpie, 300, 559.
- Mailliard, Joseph, notice of recent papers by, 370.
- Maine, birds of, 163-164, 481, 618.
- Malimbus flavipes, 620.
- Mallard, 76, 78, 79, 84, 297, 554, 585.
- Malurus leuconotus, 636.
- Manacus vitellinus, 318.
- Manikin, Gould's, 318.
Sharp-tailed, 319.
- Man-o'-war-bird, 307, 599.
- Mareca americana, 85.
- Marila affinis, 77.
collaris, 87, 472.
americana, 86.
marila, 77, 585.
valisineria, 87.
- Martin, Gray-breasted, 323.
Purple, 294, 302, 576.
- Maryland, birds of, 475.
- Massachusetts, birds of, 163-164, 349, 478, 480, 604, 613.
- Mathews, Gregory M., notice of his 'The Birds of Australia,' 183, 368, 500, 625.
- May, John B., bird banding at Thomasville, Georgia, 1924, 451-462.
- Meadowlark, 58, 244, 294, 560.
Western, 300.
- Mecocerculus, 624.
- Megaquiscalus major macrourus, 320.
- Megarynchus pitangua mexicanus, 318.
- Melanerpes erythrocephalus, 293, 299, 480.
pucherani, 314.
rubrifrons, 637.
- Melanoderma xanthogramma barrosi, 368.

- Melanopareia, 624.
 Meleagris gallopavo, silvestris, 292.
 Melidectes torquatus canni, 507.
 Melospiza lincolni lincolni, 301, 562, 613.
 melodia atlantica, 147, 484.
 m. fallax, 26.
 m. inexpectata, 373, 594.
 m. insignis, 26.
 m. juddi, 301, 147.
 m. melodia, 58, 147, 248, 294.
 m. montana, 562.
 m. morphna, 373, 594.
 m. phaea, 373, 594.
 m. rufina, 373.
 Merganser, 76, 84, 554, 573.
 Hooded, 76, 79, 84, 596.
 Red-breasted, 76, 79, 84.
 Mergus americanus, 84, 554.
 serrator, 84.
 Mershon, Wm. B., review of his 'Recollections of My Fifty Years Hunting and Fishing,' 365.
 Mesophoyx intermedia, 194, 591.
 Michigan, birds of, 149, 159, 168, 347, 617, 626.
 Micropalama hesternus, 370.
 himantopus, 473.
 Migration, 195, 439, 635, 639.
 Miller, W. DeW., notes on the genera of Cacicques, 463-467.
 Mimus polyglottos polyglottos, 352.
 Mionectes, 624.
 Missouri, birds of, 603.
 Mitchell, H. Hedley, notice of his 'Catalogue of the Birds of Saskatchewan,' 626.
 Mniotilta varia, 302, 587.
 Mockingbird, 352, 542.
 Mocking-thrush, Rose-breasted, 325.
 Molothrus ater ater, 58, 294, 588.
 Monarcha cinerascens jacobii, 505.
 c. perpallidus, 505.
 Motmot, Greater Rufous, 314.
 Lesser Broad-billed, 314.
 Moulting, 116-123.
 Mousley, H. W., further notes on the Starling (*Sturnus vulgaris*) in Canada, 158; a study of the home life of the Northern Parula and other Warblers at Hatley, Stanstead County, Quebec, 1921-1922, 263-288; further notes and observations on the birds of Hatley, Stanstead County, Quebec, 1919-1923, 572-589.
 Murie, Olaus J., nesting records of the Wandering Tattler and Surf-bird in Alaska, 231-237; Clarke's Nutcracker in interior Alaska, 481.
 Murphy, Robert Cushman, review of his 'The Marine Ornithology of the Cape Verde Islands with a List of all the Birds of the Archipelago,' 622; notice of his 'Birds Collected during the Whitney South Sea Expedition,' I. and II., 622.
 Murre, 163.
 Brünnich's, 148.
 Muscisaxicola rufivertex sanborni, 495.
 Myadestes townsendi, 564.
 Myiarchus crinitus, 41-44.
 Myiobius, Black-tailed, 317.
 barbatus atricaudus, 317.
 Myiochanes brachytarsus, 317.
 richardsoni richardsoni, 299, 317, 559.
 virens, 58, 244.
 Myiophobus fasciatus furfurosus, 318.
 Myiozetetes cayennensis cayennensis, 318.
 granadensis, 318.
 similis granadensis, 318.
 Myrmopagis ornata saturata, 368.
 Myzomela obscura aruensis, 502.
 NAMES, vernacular, 288-295, 641.

- Nannus hiemalis pacificus*, 564.
Naumberg, E. M. B., *Thraupis sayaca* and its allies, 105-116.
Neff, Johnson A., the Least Flycatcher in the Ozarks, 603.
Neopsittacus musschenbroekii major, 504.
Nephoecetes niger, 383.
 n. guadeloupensis, 71.
 n. jamaicensis, 69.
 n. niger, 68.
Nesophylax, 622.
Nettion carolinense, 85, 554.
 castaneum rogersi, 359.
 salvadorii, 359.
New Brunswick, birds of, 148, 160.
New Guinea, German, birds of, 368.
New Hampshire, birds of, 152-153, 352, 486.
New Jersey, birds of, 149, 153, 159, 164-166, 172-174, 339, 343, 349, 472, 477, 478.
New Mexico, birds of, 603.
New York, birds of, 64-68, 152, 153, 157, 161, 172-174, 186, 337, 338, 340, 341, 344, 345, 346, 347, 348, 349, 351, 352, 471, 472, 480, 597, 602, 614.
Nice, Margaret M., extension of range of the Robin and Western Kingbird in Oklahoma, 565-568.
Nice, Margaret M., and Nice, L. B., notice of their 'Birds of Oklahoma,' 621; Red-backed Sandpiper and Hudsonian Godwit in Oklahoma, 600.
Nichols, John T., see Wheeler, William C.
Nigeria, birds of, 497.
Nighthawk, 58, 293.
 Pacific, 558.
 Sennett's, 299.
 Texas, 315.
Nilais minor ruwenzorii, 195.
Nonpareil, 460.
'Norsk Ornithologisk Tidsskrift,' reviewed, 379.
North Carolina, birds of, 153, 338, 339, 610.
North Dakota, birds of, 182.
Notharchus pectoralis, 313.
Nothoprocta perdicaria perdicaria, 334.
 p. sanborni, 334.
 coquimbica, 334.
 punctulata, 334.
Nova Scotia, birds of, 190.
Nucifraga caryocatactes interdictus, 507.
 columbiana, 481, 560.
Numenius americanus, 153, 352.
 hudsonicus, 153, 165, 309, 599.
Nutcracker, Clarke's, 481, 560.
Nuthatch, Pygmy, 564.
 Red-breasted, 564.
 Rocky Mountain, 564.
 White-breasted, 295, 578.
Nuttall Ornithological Club, fiftieth anniversary, 203.
Nuttallornis borealis, 58, 559.
Nyctanassa violacea, 308.
Nyctea nyctea, 298.
Nycticorax nycticorax naevius, 291, 308.
Nyctidromus albicollis albicollis, 314.
OBERHOLSER, H. C., ninth annual list of proposed changes in the A. O. U. Check-List of North American Birds, 590-595.
Oceanodroma hornbyi, 637.
 leucorhoa, 148.
 manorhis, 381.
 melania, 306.
Ochthoeca, 624.
Ocyalus, 467.
Ohio, birds of, 148, 599.
Oidemia deglandi, 88, 583, 597.
 perspicillata, 76, 585, 597.
Oklahoma, birds of, 565, 600, 621.

- Old-squaw, 76, 79, 88.
 Olor columbianus, 89.
 Oncostoma olivaceum, 316.
 Ontario, birds of, 470.
 'Öbologist, The,' reviewed, 194, 374,
 501, 634.
 'Öbologists' Record,' reviewed, 196,
 376, 636.
 Oporornis philadelphia, 24, 583, 587.
 tolmiei, 24, 563.
 Oregon, birds of, 552-565.
 Oreortyx picta picta, 592.
 p. palmeri, 592.
 p. plumifera, 555, 592.
 Oreoscoptes montanus, 303.
 Oriole, Baltimore, 164, 294, 577.
 Bullock's, 188, 300, 560.
 Giraud's, 320.
 Orchard, 300.
 Ornithological Articles in Other
 Journals, 380, 638.
 reviewed, 198-199.
 'Ornithologische Beobachter,' re-
 viewed, 197, 378, 504, 638.
 'Ornithologische Monatsberichte,'
 reviewed, 197, 379, 505, 637.
 Oropendula, Wagler's, 320.
 Ortalis guttata caquetae, 368.
 phengites, 370.
 Oryzoborus funereus, 321.
 Osprey, 154, 292, 312.
 Ostinops, 467.
 Otocoris alpestris, 23, 617.
 a. arctica, 559.
 a. enthyia, 300.
 a. merrilli, 559.
 Otus asio, 1-16.
 a. asio, 292.
 a. subsp., 298.
 a. macfarlanei, 556.
 choliba, 312.
 Ovenbird, 303, 450, 576.
 Owl, Barn, 292, 342.
 Barred, 292.
 Black and White, 312.
 Burrowing, 299, 602.
 California Pygmy, 557.
 Central American Barn, 312.
 Choliba Screech, 312.
 Great Gray, 582.
 Great Horned, 156, 169, 292,
 478, 557.
 Long-eared, 292, 479.
 MacFarlane's Screech, 556.
 Richardson's, 155, 586.
 Rocky Mountain Pygmy, 557.
 Saw-whet, 156, 345, 575, 602.
 Screech, 1-16, 292, 298, 345.
 Short-eared, 260-263, 292, 298,
 575.
 Snowy, 298.
 Striped Horned, 312.
 Western Horned, 298.
 Owls, food habits of, 156.
 Oxyechus vociferus, 291, 297, 554.
 Oystercatcher, 473.

 PACHYSYLVA aurantiifrons auranti-
 ifrons, 324.
 viridiflava, 324.
 Pachysylvia, Yellow-green, 324.
 Pagolla wilsonius, 309.
 Palmer, T. S., the thirty-first
 stated meeting of the A. O. U.,
 124-134; report of the secretary,
 135-138; looking backward, 139-
 144; obituaries of Henry H.
 Godwin-Austen, 512; Montague
 Chamberlain, 643; W. R. Ogilvie-
 Grant, 644; Dean C. Worcester,
 645; Charles Chubb, 646.
 Panama, birds of, 304-326.
 Pandion haliaetus carolinensis, 154,
 292, 312.
 Parakeet, Muller's, 312.
 Parauque, 314.
 Parrot, Red-necked, 312.
 Mealy Amazon, 313.
 Parus major subtitetanus, 507.
 Passer domesticus, 302, 588, 604.
 montanus obscuratus, 507.

- Passerculus sandwichensis nevadensis*, 561.
s. subsp., 301.
- Passerella iliaca brevicauda*, 371.
i. *mariposae*, 371.
i. *schistacea*, 562.
- Passerherbulus caudacutus*, 331, 346.
 maritimus macgillivrayi, 482.
 m. maritimus, 346.
- Passerina amoena*, 302.
 cyanea, 294, 302, 562, 586.
- Payne, Raphael Semmes, review of his 'The Baltimore Oriole and a Biographical Sketch of Audubon,' 180.
- Pearson, T. Gilbert, Flamingos in Cuba, 599.
- Pedioecetes phasianellus columbianus*, 555.
- Pelidna alpina sakhalina*, 600.
- Pennard, Thomas E., notice of recent papers by, 185.
- Pennsylvania, birds of, 468, 472, 596, 613, 623.
- Penthestes atricapillus atricapillus*, 58, 332, 616.
 a. *septentrionalis*, 303, 564.
 gambeli gambeli, 564.
 hudsonicus littoralis, 163.
 h. *nigricans*, 163, 587.
- Perdix perdix perdix*, 592.
- Perisoreus canadensis*, 24.
 canadensis capitalis, 559.
 obscurus, 24.
- Peru, birds of, 368, 624.
- Peters, James L., the type locality of *Alcedo cristata* Linne., 342; a second North American record for *Puffinus assimilis*, 337; obituary of Charles Francis Jenney, 386; see also Wetmore, Alexander.
- Petrel, Black, 306.
 Leach's, 148.
- Petronia petronia tibetana*, 507.
- Petrochelidon lunifrons lunifrons*, 295, 302, 562, 613.
- Pewee, Short-legged Wood, 317.
 Wood, 58, 244.
 Western Wood, 299, 317, 559.
- Phaenicophilus poliocephalus coryi*, 496.
- Phaeomyias*, 624.
- Phalacrocorax auritus auritus*, 583.
 carbo, 150.
 vigua, 307.
- Phalarope, Red, 600, 601.
 Northern, 165.
 Wilson's, 297.
- Phalaropus fulicarius*, 600, 601.
- Phasianus torquatus*, 555, 589.
 colchicus, 589.
- Pheasant, Ring-necked, 555, 589.
- Pheugopedius hyperythrus*, 325.
- Phillips, John C., review of his 'A Natural History of the Ducks,' Volume II, 358-359.
- Philohela minor*, 291.
- Philydor montanus yungae*, 368.
 m. bolivianus, 368.
- Phloeotomus pileatus abieticola*, 166, 293, 557.
 p. *pileatus*, 157.
- Phoebe, 243.
 Black, 425.
 Say's, 299, 425, 559, 598, 599.
- Phoenicopterus ruber*, 150.
- Phoenicotherapis fuscicauda*, 323.
- Phoenorhina goliath*, 434.
- Phoethornis adolphi saturatus*, 315.
- Phrygilus*, 495.
- Phylastrephus clamans*, 637.
- Phylloscopus trochilus evermanni*, 504.
- Piaya cayana*, 313.
- Pica pica hudsonia*, 300, 559.
- Picoides arcticus*, 152, 351.
- Picumnus limae*, 639.
 pallidus, 639.
- Picus chlorolophus*, 502.
 leucurus, 593.

- Pigeon, Passenger, 154, 292.
 Polynesian Fruit, 433-438.
 Splendid, 310.
 Pinicola enucleator leucura, 164,
 588.
 e. montana, 561.
 Pipilo erythrophthalmus erythroph-
 thalmus, 58.
 maculatus, 23, 24.
 m. arcticus, 301.
 m. montanus, 562.
 Pipit, 578.
 Sprague's, 303, 342.
 Piranga erythromelas, 484.
 ludoviciana, 562.
 rubra rubra, 322.
 Pisobia bairdi, 165.
 maculata, 297.
 minutilla, 149, 165, 168.
 Pithecophaga, 644.
 Pitta cyanoptera, 501.
 Planesticus grayi casius, 325.
 migratorius migratorius, 58,
 303, 565, 566, 617.
 m. propinquus, 565.
 Platytricus, 624.
 Plectrophenax nivalis nivalis, 561.
 Ploceus cucullatus frobenii, 189.
 Plover, Black-bellied, 309.
 Golden, 165.
 Semipalmated, 309, 600.
 Upland, 291, 297, 309.
 Wilson's, 309.
 Plumeteer, Buffon's, 315.
 Pluvialis dominica, 165.
 Podilymbus podiceps, 290, 297.
 Poecilotriccus, 622.
 Polionetta, 359.
 Polioptila caerulea caerulea, 164,
 349.
 Polymerata amabilis, 315.
 Poncey, R., notice of his study of
 contents of bird stomachs, 496.
 Poecetes gramineus confinis, 301,
 561.
 g. gramineus, 58.
 Porphyrio melanotis, 498.
 Portugal, birds of, 492.
 Porzana atra, 622.
 Potter, Julian K., Blue Grosbeak at
 Cape May, N. J., 159.
 Prairie Chicken, 112, 297.
 Procellaria diomedea, 591.
 solandri, 503.
 melanops, 503.
 neglecta, 503.
 phillipii, 503.
 Progne chalybea chalybea, 323.
 subis subis, 294, 302.
 Proictinia efferta, 370.
 Protonotaria citrea, 324.
 Proturacus, 497.
 Pseudocalyptomena graueri, 626.
 Pseudochelidon eurystomena, 382.
 Pterodroma, 594.
 Pteroglossus torquatus, 314.
 Ptilinopus huttoni, 622.
 Ptilopus dupetithouarsi viridior,
 622.
 Public Shooting Ground and Game
 Refuge Bill, 201.
 Puff-bird, Black-breasted, 313.
 Puffinus assimilis, 337.
 baroli, 338.
 chlororhynchus, 503.
 griseus, 637.
 l'herminieri, 337.
 tenuirostris, 306.
 Pycnonotis hoyi, 381.
 QUAIL, 205.
 California, 555.
 Gambel's, 425.
 Japanese, 116-123.
 Plumed, 555.
 Quebec, birds of, 572-589.
 Querquedula discors, 85, 297, 307,
 338.
 cyanoptera, 85.
 Quiscalus quiscula aeneus, 168, 300,
 482.

- RAIL, Black, 572.
Clapper, 168.
- Rallus crepitans, 168.
yumanensis, 592.
- Ramphocænus rufiventris rufiventris, 319.
- Ramsay, R. G. Wardlaw, review of his 'Guide to the Birds of Europe and North Africa,' 174-175.
- Raven, 560.
White-necked, 425, 426.
- Redhead, 77, 78, 79, 86.
- Redpoll, 482, 572, 589.
- Redstart, 162, 265, 303, 564, 577.
- Red-wing, Giant, 300.
San Diego, 560.
- Reed, Clara Everett, Cliff Swallows return to Brookfield, Mass., 613.
- Regulus calendula calendula, 349.
satrapa olivaceus, 564.
s. satrapa, 564, 588.
- Reichenow, Ant., notice of his 'On a Collection of Birds from the Upper Congo,' 189.
- Remiz parvulus senegalensis, 637.
- 'Revista Italiana di Ornithologia,' reviewed, 378.
- 'Revue Francaise d'Ornithologie,' reviewed, 197, 377, 504, 636.
- Rhamphastos piscivorus brevicarinatus, 314.
- Rhamphocælus dimidiatus, 323.
- Rhinoploceus, 620.
- Rhinoptynx clamator, 312.
- Rhipidura rufiventris albertorum, 498.
- Rhode Island, birds of, 473.
- Rhodinocichla rosea, 325.
- Rhynchophanes mccowni, 301.
- Rice, J. Henry, Jr., destruction of birds in South Carolina, 171-172; destruction of birds in S. C.—a correction, 486.
- Richmond, C. W., and Swales, B. H., notice of their 'Descriptions of Three New Birds from Gonave Island, Haiti,' 496.
- Richmond, C. W., see Riley, J. H.
- Riley, J. H., a new Bush-warbler from the French Congo, 326-327.
- Riley, J. H., and Richmond, C. W., notice of their 'A Partial Bibliography of Chinese Birds,' 369.
- Riparia riparia, 295, 302, 563, 586.
- Roberts, Austin, the Red Phalarope in Africa, 600.
- Robin, 58, 303, 350, 498, 565, 572, 617.
Western, 565.
- Rosen, Victor, Great Horned Owl at Englewood, N. J., 478.
- Rothschild, Lord, notice of his report of George Forrests' collection from Northwest Yunnan, 369.
- Rough-leg, 298.
Ferruginous, 289.
- Royal Australasian Ornithologists' Union, annual meeting of, 212.
- Royal Society for the Protection of Birds, 649.
- Rupornis ruficauda, 311.
- SAGE Hen, 298.
- Salpinctes obsoletus obsoletus, 303, 564.
- Saltator, Panama Black-headed, 322.
Panama Buff-throated, 322.
Panama Striped, 322.
- Saltator albicollis isthmicus, 321.
atriceps lacertotus, 322.
magnoides intermedius, 322.
- Salvadori, Tommaso, obituary of, 383.
- Sandpiper, Baird's, 165.
Bartramian, 574.
Curlew, 340, 341.
Buff-breasted, 351.
Least, 149, 165, 168.

- Pectoral, 297.
 Red-backed, 600.
 Semipalmated, 165, 168, 600.
 Solitary, 291, 575, 577, 578.
 Spotted, 149, 291, 297, 309,
 341, 554.
 Stilt, 473.
 Western, 165, 308.
 Western Solitary, 297.
 Sapsucker, Red-naped, 559.
 Williamson's, 559.
 Yellow-bellied, 293.
 Saskatchewan, birds of, 626.
 Saucerottia edwardi, 315.
 Saunders, Aretas A., recognizing
 individual birds of song, 242-259.
 Saurothera longirostris petersi, 496.
 Sayle, Mary, viability of seeds pass-
 ing through the alimentary canals
 of pigeons, 474.
 Sayornis phoebe, 243.
 sayus, 299, 559.
 Schaefer, Oscar F., notes from
 Rochester, N. Y., 351.
 Schorger, A. W., notes from Mad-
 ison, Wisconsin, 169; White-eyed
 Vireo at Madison, Wis., 347.
 Selater, W. L., review of his
 'Systema Avium Ethiopicarum,'
 494.
 Sclerorchilus albicollis atacamae,
 495.
 Sclerurus caudacutus cearensis, 637.
 Scolopax minima, 592.
 Scoptelus brunneiceps, 637.
 Scoter, 76.
 Surf, 76, 77, 585, 597.
 White-winged, 76, 79, 88, 576,
 583, 597.
 Screamer, Horned, 170.
 Seed-eater, Hick's, 321.
 Minute, 321.
 Seiurus aurocapillus, 303.
 noveboracensis noveboracensis,
 586.
 Selasphorus platycercus, 558.
 rufus, 558.
 Setophaga ruticilla, 161, 265, 276,
 303, 564.
 Shearwater, Slender-billed, 306.
 Shrike, Loggerhead, 457.
 Migrant, 586.
 Northern, 563, 572.
 Sialia currucoides, 565.
 mexicanus occidentalis, 565.
 Sigmodus scopifrons, 635.
 Silloway, P. M., notice of his
 'Summer Birds of the Adirondack
 Forest,' 186.
 Siptornis, 495.
 Siskin, Pine, 169, 561, 581, 582.
 Sitta carolinensis carolinensis, 295.
 c. nelsoni, 564.
 canadensis, 564.
 europaea itschangensis, 507.
 e. tibetosinensis, 507.
 pygmaea pygmaea, 564.
 Sittasomus, Panama, 319.
 Sittasomus sylvioides levis, 319.
 Smithornis, 625.
 Snipe, Wilson's, 291, 554, 575.
 Snyder, L. L., peculiar behavior of
 the Spotted Sandpiper (*Actitis
 macularia*), 341.
 Solitaire, Townsend's, 564.
 Somateria spectabilis, 597.
 Song, 242-259, 260-263, 444-451,
 541-552.
 'South Australian Ornithologist,
 The,' 376, 503, 636.
 South Carolina, birds of, 171, 473,
 482, 484.
 Sparrow, Baird's, 301.
 Brewer's, 562.
 Chipping, 58, 452.
 Clay-colored, 301.
 Dakota Song, 301.
 English, 302, 588, 604.
 Field, 245.
 Fox, 582.
 Lafresnaye's, 321.

- Lark, 160.
Lincoln's, 301, 562, 613.
MacGillivray's, Seaside, 482.
Mountain Song, 562.
Nevada Savannah, 561.
Savannah, 301.
Seaside, 346.
Sharp-tailed, 331, 342, 346.
Slate-colored Fox, 562.
Song, 58, 147, 248, 294, 444, 572.
Tree, 588.
Vesper, 301.
Western Chipping, 301, 562.
Western Field, 301.
Western Grasshopper, 301.
Western Lark, 301, 561.
Western Tree, 561.
Western Vesper, 301, 561.
White-crowned, 561.
White-throated, 301, 456.
- Speotyto cunicularia hypogaea*, 299, 602.
- Sphyrapicus*, 499.
 thyroideus, 557.
 varius nuchalis, 557.
 v. varius, 293.
- Spingarn, E. D. W., Northern Pileated Woodpecker in Dutchess County, N. Y., 480.
- Spinus pinus*, 169, 561.
 p. macropterus, 593.
- Spiza americana*, 342.
- Spizaetus cirrhatus*, 637.
 nipalensis, 637.
 ornatus, 637.
 tyrannus, 637.
- Spizella breweri*, 562.
 monticola monticola, 588.
 m. ochracea, 561.
 pallida, 301.
 passerina passerina, 58, 294.
 p. arizonae, 294, 301, 562.
 pusilla arenacea, 301.
 p. pusilla, 245.
- Spizitornis*, 624.
 parulus curatus, 145-146.
 p. parulus, 145-146.
 p. patagonicus, 145-146.
- Spoonbill, Roseate, 307.
- Sporophila aurita*, 321.
 minuta minuta, 321.
 schistacea, 185.
 s. arthuri, 185.
- Sprunt, Alexander, Jr., breeding of MacGillivray's Seaside Sparrow in South Carolina, 482; the Scarlet Tanager (*Piranga erythromelas*) on the coast of South Carolina, 484; notes on the breeding of the Carolina Junco in the mountains of western North Carolina, 612.
- Squatarola squatarola*, 309.
- Starling, 158, 345, 543, 584, 585, 588.
- Steganopus tricolor*, 297.
- Stelgidilas*, 496.
- Stelgidopteryx serripennis*, 563.
- Stellula calliope*, 558.
- Stenopsis*, White-tailed, 315.
- Stenopsis cayennensis albicauda*, 315.
- Stercorarius parasiticus*, 167.
- Sterna antillarum*, 168.
 caspia, 149, 168.
 dougalli, 468.
 forsteri, 297.
 hirundo, 149, 164, 468.
 maxima, 306.
 paradisaea, 591, 594.
 macrura, 591, 594.
- Stone, Witmer, a specimen of Thayer's Gull from New Jersey, 337; European Widgeon in North Carolina, 338; Franklin's Gull at Philadelphia, 468; the Mississippi Kite (*Ictinia mississippiensis*) at Cape May, N. J., 477.
- Stoner, Dayton, notice of his 'A Flightless New Zealand Bird,' 190; personal mention, 514.

- Storer, Tracy I., see Grinnell, Joseph.
- Streptoceryle torquata*, 313.
- Stresemann, Erwin, notice on his report on Dr. Bürgers' expedition to German New Guinea, 368; scientific nomenclature, 507-512.
- Strix varia varia*, 292.
- Strong, R. M., review of Gornitz' papers on coloration and pigment, 362-363.
- Sturnella magna*, 25, 560.
m. magna, 58, 244, 294.
neglecta, 25, 300.
- Sturnus vulgaris*, 158, 381, 584, 588.
- Suiriri **improvisa**, 595.
- Sula bassana*, 168.
leucogastra, 306.
nebouxii, 306.
- Sumner, F. B., notice of his 'Facts Relative to a Discussion of the Origin and Inheritance of Specific Characters,' 189.
- Surf-bird, 231-237.
- Suya crinigera assamica*, 502.
- Swales, B. H., see Richmond, C. W.
- Swallow, Bank, 295, 302, 586.
 Barn, 164, 295, 302, 324, 563.
 Cliff, 295, 302, 562, 613.
 Northern Violet-green, 563.
 Rough-winged, 563.
 Tree, 302, 576.
- Swan, Mute, 340.
 Trumpeter, 77.
 Whistling, 77, 79, 89.
- Swann, H. Kirke, review of his 'Chronological List of British Birds,' 183.
- Swarth, Harry S., sexual variation in *Nephoecetes niger*, 383; review of his 'Birds and Mammals of the Skeena River District, B. C.,' 494.
- Swift, Black, 68-71.
 Chimney, 157, 293, 299.
 Vaux's, 558.
- Symphemia semipalmata*, 309.
- Synallaxis*, 624.
- TACHYCINETA *thalassina lepida*, 563.
- Tachyphonus rufus*, 322.
- Tait, William C., review of his 'The Birds of Portugal,' 492.
- Taka-Tsukasa, personal mention, 514.
- Tanager, Blue, 322.
 Boddaert's, 322.
 Crimson-backed, 323.
 Dusky-tailed Ant, 323.
 Lavinia's, 322.
 Plain, 322.
 Scarlet, 484, 576, 581.
 Summer, 322.
 Western, 562.
- Tanagra argentatus*, 112.
braziliensis varia, 106.
cana, 106.
chrysopasta nitida, 185.
coelestis, 110, 111.
cyanoptera, 106.
inornata, 111, 322.
lavinia, 322.
perlatus, 112.
swainsoni, 111.
sanhacu, 111.
sayaca, 106, 111.
serioptera, 113.
virens, 112.
- Tanygnathus megalorhynchos floriss*, 498.
m. djampeae, 498.
- Tapera naevius*, 313.
- Tattler, Wandering, 231-237.
- Taylor, A. O'D., Snowy Egret (*Egretta candidissima*) at Newport, R. I., 473.
- Teal, Cinnamon, 76, 79, 85.
 Blue-winged, 76, 77, 79, 85.
 Green-winged, 76, 78, 79, 85, 554, 577.
- Tephradornis pelvicius verneyi*, 635

- Tern, Black, 169, 337.
 Caspian, 149, 168.
 Common, 149, 164.
 Forster's, 297.
 Least, 168.
 Roseate, 468.
 Royal, 306.
- Tetrao perdix, 592.
 scoticus hibernicus, 195.
 urogallus, 504.
- Texas, birds of, 350.
- Thalurania colombica colombica,
 315.
- Thamnophilus radiatus nigricristatus,
 319.
 atrinuchus, 319.
- Thomson, A. Landsborough, notice of his 'The Migrations of the Herring Gull and the Lesser Black-backed Gull,' 633; bird migration and the foot and mouth diseases, 629; photoperiodism in migration, 639.
- Thomson, J. Arthur, review of his 'The Biology of Birds,' 363-364.
- Thorburn, Archibald, review of his 'Game Birds and Wild Fowl of Great Britain and Ireland,' 360-361.
- Thrasher, Bendire's, 427.
 Brown, 58, 303.
 Palmer's, 424.
 Sage, 303.
- Thraupis cana, 322.
 cyanoptera, 107, 112, 115.
 episcopus, 107, 113, 115.
 sayaca, 105-116.
 s. sayaca, 107, 111, 114.
 s. obscura, 107, 111, 114, 115.
- Threnetes fraseri, 506.
 ruckeri, 506.
 r. ventosus, 506.
- Thrush, Audubon's Hermit, 565.
 Bonaparte's, 325.
 Hermit, 163, 167.
 Western Varied, 565.
- Willow, 303.
- Wood, 58, 253, 295.
- Thryomanes bewicki, 618.
- Thryophilus rufalbus castanonotus,
 325.
 modestus elutus, 325.
- Thryothorus ludovicianus ludovicianus,
 164, 166.
- Thylyphaps, 622.
- Tinamotis ingoufi, 501.
- Tinamou, Pileated, 310.
- Titmouse, Tufted, 169.
- Todd, W. E. Clyde, a new Song Sparrow from Virginia, 147-148.
- Todirostrum cinereum finitimum,
 316.
 schistaceiceps, 316.
- Tody-flycatcher, Northern, 316.
 Slate-headed, 316.
- 'Tori,' reviewed, 628.
- Totanus flavipes, 291.
 melanoleucus, 291.
- Tothill, John D., notice of his report on destruction of fall webworm by birds, 372.
- Toucan, Short-keeled, 314.
- Towhee, 58.
 Arctic, 301.
- Townsend, Charles W., diving of Grebes and Loons, 29-41; the songs of Leach's Petrel, 148; the Lark Sparrow (*Chondestes grammacus*) in New Brunswick, 160; note on the Labrador and Acadian Chickadees, 163; review of his 'Beach Grass,' 177; a visit to Tom Lincoln's house with some Auduboniana, 237-242; obituary of N. A. Comeau, 387; mimicry of voice, 541-552; see also Tufts, Robie W.
- Toxostoma rufum, 58, 303.
- Tricholaema hirsutum chapini, 635.
- Trochilus ruckeri, 506.
- Trochocercus bedfordi, 504.
- Troglodytes, 624.

- aëdon aëdon, 58, 295, 586, 624.
 a. parkmani, 303, 504.
 cobbi, 624.
 musculus atacamensis, 495.
 m. audax, 625.
 m. carabayae, 625.
 m. inquietus, 325.
 m. peninsularis, 624.
 tecellatus, 625.
 Trogon, Graceful, 313.
 Massena, 313.
 Trogonurus curucui tenellus, 313.
 temperatus, 368.
 Trotter, Spencer, notice of his
 'Origin and Relationship of Cer-
 tain North American Song Birds,'
 189.
 Tryngites subruficollis, 351.
 Tufts, Robie W., and Townsend,
 Charles W., note on the Cor-
 morant, 150.
 Turacus, 497.
 Turkey, Wild, 292, 365, 513.
 Turnstone, 309.
 Tyler, W. M., obituary of Lewis
 Dexter, 203.
 Tympanuchus americanus ameri-
 canus, 112, 297.
 Tyrannulet, Riker's Yellow-crown-
 ed, 319.
 Tyrannulus elatus, 319.
 Tyrannus melancholicus satrapa,
 318.
 tyrannus, 58, 299, 318, 558, 603.
 verticalis, 299, 559, 565, 568,
 603.
 Tyto perlata guatemalae, 312.
 pratincola, 292, 342.
 URIA aalge aalge, 591.
 a. californica, 591.
 lomvia, 148.
 troile, 591.
 troile troile, 163.
 Urner, Charles A., Bonaparte's
 Gull summering near Perth Am-
 boy, N. J., 149; recent records
 from Elizabeth, N. J., 164-166;
 some 1923 records for northern
 New Jersey, 166; records from
 North Beach, Barnegat Bay, N.
 J., 167-168.
 Uroaetus audax, 636.
 Urospatha martii semirufa, 314.
 Urubitinga anthracina, 311.
 enecta, 370.
 VAN OORT, E. D., notice of his 'De
 Vogels van Nederland,' 186.
 Van Tyne, J., notes on Michigan
 birds, 168-169.
 Vanga cristata, 189.
 Venezuela, birds of, 368.
 Veniliornis dignus baezae, 368.
 Vermivora celata celata, 587, 617.
 c. lutescens, 563.
 chrysoptera, 27, 614.
 peregrina, 324, 587.
 pinus, 27, 617.
 rubricapilla rubricapilla, 168.
 Vermont, birds of, 155.
 Vermont Botanical and Bird Clubs,
 review of 'Bulletin,' 501.
 Vireo, Blue-headed, 164.
 Cassin's, 563.
 Lawrence's, 324.
 Philadelphia, 347, 353, 578.
 Red-eyed, 302.
 Warbling, 576, 578.
 Western Warbling, 302.
 White-eyed, 347, 549.
 Yellow-green, 324.
 Yellow-throated, 324.
 Vireo griseus griseus, 347.
 Vireosylva flavoviridis flavoviridis,
 324.
 gilva swainsoni, 302, 563.
 olivacea, 302.
 philadelphica, 353, 578.
 Virginia, birds of, 147-148, 473.
 Volatinia jacarini splendens, 321.
 Vorhees, Clark G., Black-throated

- Gray Warbler in Massachusetts, 349.
- Vulture, Black, 164, 475.
Turkey, 166, 292, 298, 476.
- WAITE, M. B., notice of publications on economic ornithology, 499.
- Warbler, Audubon's, 302, 425, 563.
Bay-breasted, 324, 574, 578.
Black and White, 302, 587.
Blackburnian, 578.
Black-poll, 485, 576.
Black-throated Blue, 264, 271, 351, 578, 586.
Black-throated Gray, 348.
Black-throated Green, 58, 166, 587.
Blue-winged, 617.
Cape May, 587.
Cerulean, 161, 348.
Chestnut-sided, 265, 276, 324.
Golden-winged, 614.
Kentucky, 618.
Kirtland's, 44-58.
Lutescent, 563.
Macgillivray's, 563.
Magnolia, 265, 279, 574, 580.
Mourning, 575, 576, 580, 583, 587.
Myrtle, 169, 458, 573, 576, 578, 582.
Nashville, 168, 578.
Northern Parula, 166, 265, 577, 578.
Orange-crowned, 587, 617.
Palm, 160, 458, 578, 584.
Panama Yellow, 324.
Pine, 58, 587.
Prairie, 160, 614.
Prothonotary, 324.
Sclater's, 324.
Tennessee, 324, 581, 587.
Wilson's, 575, 581.
Yellow, 302, 324, 563, 577.
Yellow Palm, 573, 582.
- Water-Thrush, 450, 580, 586.
- Water-Turkey, 307.
- Way, Asa P., Ring-necked Duck in Delaware County, Penna., 472.
- Wayne, Arthur T., a death trap to the Barn Owl (*Tyto pratincola*), 342; an abnormal Purple Finch, 346; albinism in the Sharp-tailed Sparrow, 346; *Melospiza melodia atlantica* on the coast of South Carolina, 484; a remarkable Cedar Waxwing (*Bombycilla cedrorum*), 485.
- Waxwing, Bohemian, 347, 563, 583, 614.
Cedar, 160, 302, 485, 563.
- Weeks, LeRoy Titus, review of his 'Bird Poems,' 498.
- West Indies, birds of, 68-71.
- West Virginia, birds of, 180.
- Wetmore, Alexander, and Peters, J. L., a new race of *Spizitornis parulus*, 144-146; review of his 'Food and Economic Relations of North American Grebes,' 369; notice of recent papers on fossil birds, 370; description of a new flycatcher from Argentina, 595.
- Wheeler, William C., and Nichols, John T., the song of the Song Sparrow, 444-451.
- Whip-poor-will, 293.
- White, Francis Beach, Yellow-breasted Chat in New Hampshire, 486.
- Whitman, F. N., nesting of the Long-eared Owl, 479.
- Whittle, Charles L., and Fletcher, Laurence B.; further observations on the group habit among birds, 327-333.
- Widgeon, European, 338; see also Baldpate.
- Willet, 309.
- Williams, Robert W., a set of three eggs of the Turkey Vulture, 476.

- 'Wilson Bulletin, The,' reviewed,
194, 374, 500, 634.
- Wilsonia pusilla pusilla, 587.
- Wisconsin, birds of, 160, 169, 347.
- Witherby, H. F., review of his 'A
Practical Handbook of British
Birds,' 361-362; notice of his
'Check-list of British Birds,' 497.
- Wood, Casey A., the Polynesian
Fruit Pigeon (*Globicera pacifica*),
its food and digestive apparatus,
433-438; the naming of 'The
Auk,' 382; notice of his 'Birds of
Fiji,' 371.
- Wood, Norman A., review of his
'Birds of North Dakota, 182.'
- Woodcock, 291, 579, 580.
- Wood-hewer, Lawrence's, 319.
White-throated, 319.
- Wood-nymph, Colombian, 315.
- Woodpecker, Arctic Three-toed,
152, 343, 351.
Batchelder's, 557.
Cactus, 423.
Downy, 293, 299.
Gila, 423.
Lewis's, 156, 558.
Northern Hairy, 299.
Northern Pileated, 166, 293,
480, 557.
Pileated, 157, 582, 602.
Red-headed, 293, 299, 480.
Rocky-Mountain Hairy, 557.
Wagler's, 314.
White-barred, 314.
White-headed, 557.
- Woodruff, Lewis B., White Herons
at Lakehurst, N. J., 153.
- Woodruffe-Peacock, E. A., notice
of his paper on Birds and the
Whitethorn, 499.
- Worcester, Dean C., obituary of,
645.
- Wren, Bewick's, 618.
Cactus, 423.
Carolina, 164, 166.
Chestnut-backed, 325.
House, 58, 295, 574, 576, 578,
615.
Panama, 325.
Panama Wood, 325.
Pittier's Wood, 325.
Rock, 303, 564.
Short-billed Marsh, 166, 349,
353.
Tawny-bellied, 325.
Western House, 303, 564.
Western Winter, 564.
Winter, 580.
- Wyoming, birds of, 602.
- XENOCICHLA flavicollis simplicicolor*, 505.
Xenopicus albolarvatus, 557.
Xenops, 495.
Xenornis setifrons, 624.
Xiphorhynchus, 624.
nanus nanus, 319.
- YELLOW-LEGS, 291, 575.
Greater, 291.
Yellow-throat, Maryland, 168, 450.
Western, 303.
Yunnan, birds of, 369.
- ZAMELODIA ludoviciana*, 301.
melanocephala, 301, 562.
Zarhynchus, 467.
wagleri, 320.
Zenaidura macroura carolinensis,
292, 352.
m. marginella, 297, 555.
m. peninsulari, 593.
Zephyritis, 593.
costae, 593.
anna, 593.
- Zimmer, John T., notice of his 'New
Birds from Central Peru,' 495.
- Zonotrichia albicollis*, 331.
leucophrys leucophrys, 561.
Zosterops lateralis investigator, 368.