

INDEX TO VOLUME XXXVIII.

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

- ACANTHIS *cannabina cannabina*, 335
 linaria asiaticus, 144.
 l. linaria, 121.
Accipiter *bicolor*, 359.
 chionogaster venezuelensis,
 358.
 collaris, 357.
 cooperi, 57, 377.
 gentilis, 475.
 nusus, 333.
 salvini, 358.
 velox, 128, 256, 377, 554.
 ventralis ventralis, 358.
Acomus, 471.
Acrocephalus *aquaticus*, 339.
 schoenobaenus, 339.
Actitis *hypoleucus*, 332.
 macularia, 111, 376, 465, 553.
Additional publications received,
 154, 312.
Aegialitis *meloda*, 111.
 semipalmata, 111, 601.
Aegolius, 136.
Aeronautae *melanoleucus*, 266.
 saxatilis, 266.
Africa, birds of, 453, 456, 476.
Agelaius *phoeniceus phoeniceus*,
 259, 322, 378, 587.
 p. richmondi, 523.
Agolius, 136.
Aix *sponsa*, 120, 376, 584.
Ajaia *ajaja*, 516.
Alabama, birds of, 463.
Alaska, birds of, 127-129, 460.
Alauda *arvensis arvensis*, 334.
Albatross, Black-footed, 531.
 Galapagos, 558.
 Wandering, 531.
Alca *torda*, 329.
Alcedo *atthis ispida*, 334.
Alecto, 487.
Alexander, E. Gordon, Laughing
 Gull (*Larus atricilla*) caught by
 snapping turtle, 596.
Allen, J. A., obituary notice of,
 490.
Allen, William Ray, the birds of
 Lake Poopo, Bolivia, 340-344.
Allenia *apicalis*, 298.
 fusca, 298.
Alpheraky, Sergius Nikolaevich,
 obituary notice of, 495.
Alseonax *murina grotei*, 486.
 m. subtilis, 310.
Aluco *pratincola*, 250, 466, 591.
American Game Protective As-
 sociation, notice of 'Bulletin,'
 145, 480.
American Ornithologist's Union,
 thirty-eighth stated meeting, 89-
 105; report of the secretary,
 105-108, annual meeting of,
 316, 499.
A. O. U. Check-List, sixth annual
 list of proposed changes in,
 264-269.
Ammodramus *savannarum aus-*
 tralis, 115, 259, 592.
Anas *boschas*, 265.
 fulvigula fulvigula, 253.
 f. maculosa, 522.
 novimexicana, 265.
 platyrhyncha, 265.
 platyrhynchos, 253, 375, 467.
 platyrhynchus X rubripes, 583.
Anderson, R. M., obituary of
 John Macoun, 158.
Androglossa *aestiva*, 151.
Anhinga, 522.
 anhinga, 253, 522.

- Ani, Groove-billed, 521.
Anser albifrons gambeli, 617.
 Anthony, A. W., a Loon (*Gavia immer*) caught on a fishing line, 269; strange behavior of a Bullock's Oriole, 277; the English Sparrow and the motor vehicle, 605.
Anthreptes longmari, 143.
Anthus pratensis, 337.
 rubescens, 380, 468.
 trivialis trivialis, 337.
Antrostomus carolinensis, 257, 282.
 vociferus vociferus, 258.
Apalis namensis, 486.
 niassae, 486.
Aplonus cantorides longipennis, 149.
Apos, 136.
Apus, 136.
 apus apus, 334.
 'Aquila,' reviewed, 151, 486.
Aquila chrysaetos, 585.
 occidentalis, 153.
Arachnothera celebensis, 476.
Aramus vociferus, 254, 599.
Arboricola collaris, 486.
 torqueola mallardi, 483.
Archibuteo, 475.
 lagopus sancti-johannis, 282, 590.
Archilochus colubris, 258, 378.
 'Ardea,' reviewed, 309.
Ardea cinerea, 332.
 grus, 81.
 herodias herodias, 376.
 h. wardii, 254.
 occidentalis, 254.
Arenaria interpres morinella, 111, 522.
 melanocephala, 128.
Argentina, birds of, 140.
Aristonetta valisineria, 253.
Arizona, birds of, 293.
Arkansas, birds of, 112, 113, 370-381, 610.
Arquatella maritima maritima, 585.
Arrenga glauca, 297.
Arses lorealis, 307.
 Arthur, Stanley Clisby, the feeding habits of the Black Skinner, 566-574.
Ashton, M. Dorsey, Egrets on the Potomac, 598.
Asio flammeus, 602.
Astragalinus tristis pallidus, 559.
 t. tristis, 379, 464, 466, 606.
Astur, 475.
 atricapillus atricapillus, 283, 590.
 toussenellii canescens, 476.
Asyndesmus lewisi, 545, 555.
Atalotestris, 265.
Athene noctua noctua, 334.
Atlapetes gutturalis fuscipygius, 616.
 g. griseipectus, 616.
 g. gutturalis, 616.
 g. parvirostris, 616.
Attigis cheputi, 483.
Audubon clubs, 620.
Auk, Great, 478.
 Razor-billed, 329.
 'Auk, The,' complete sets of, 318; delay in issue of, 490; ten year index to, 499.
 'Austral Avian Record', reviewed, 309.
Australia, birds of, 143, 295, 473, 475.
 'Avicultural Magazine', reviewed 147, 308, 484, 619.
Avoset, 110.
Aythya marila nearctica, 265.
BAEOLOPHUS atricristatus atricristatus, 523.
 bicolor, 263, 381, 463, 594.
 inornatus inornatus, 131.

- Bagg, Aaron C., an oil-soaked Loon at Watch Hill, R. I., 594.
Bailey, Alfred M., personal mention, 318.
Baker, Frank C., 'Baker's Life of the Pleistocene,' 155.
Balanosphyra formicivora aculeata, 539.
Baldpate, 583.
Baldwin, S. Prentiss, recent returns from trapping and banding birds, 228-237; marriage relations of the House Wren, 237-244.
Bangs, Outram and Penard, Thomas E., the name of the Eastern Hermit Thrush, 432-435; notice of their 'Notes on Some American Birds, Chiefly Neotropical,' 298.
Bangs, Outram and Kennard, F. H., review of their 'A List of the Birds of Jamaica,' 136.
Bangs, Outram, see Thayer, John E.,
Barnard, S. Bronson, Egret near Albany, N. Y., 598.
Barrows, Walter B., new nesting areas of Kirtland's Warbler, 116; Hudsonian Chickadee (*Penthestes hudsonicus*) at East Lansing, 119.
Bartramia longicauda, 126.
Basileuterus rivularis, 307.
Batis ituriensis, 476.
Bedell, Edgar, the Nonpareil wintering in Florida, 460.
Beebe, William, review of his 'A Monograph of the Pheasants Vol. II,' 470-473.
Belgian Congo, birds of the, 476.
Belonopterus cayennensis molinae, 483.
Bennetts, W. J., obituary of, 622.
Bergtold, W. H., the English Sparrow (*Passer domesticus*) and the motor vehicle, 244-250; mutants, 468.
Bernicla melanoptera, 342.
Bianchi, Dr. Valentin Lvovich, obituary notice of, 497.
Biological Survey, notice of the annual report of the chief of, 301.
Bird-banding, 217-228, 238-244, 478, 611.
Bird Migration, 228-344.
'Bird Notes,' noticed, 486.
'Bird Notes and News,' noticed, 144, 480.
Bird paintings and photographs, exhibition of, at the A. O. U. meeting, 161.
Bird protection, papers on, 144, 501-513.
'Bird-Lore,' reviewed, 145, 304, 481, 617.
Bishop, Louis B., description of a new Loon, 364-370; notes from Connecticut, 582-589.
Bishop, S. C., swans on the Hudson river, 454.
Bittern, 254, 282, 455, 609.
Blackbird, 340.
 Brewer's, 558.
 Red-winged, 259, 322, 378, 587.
 Rusty, 259, 378, 587, 609.
Bluebird, 263, 381, 609, 610.
 Mountain, 565.
 Western, 565.
Bobolink, 56, 322.
Bobwhite, 376.
 Florida, 255.
 Texas, 523.
Bolivia, birds of, 297, 340, 344.
Bombycilla cedrorum, 59, 261, 379, 561.
 garrula, 59-78, 149, 278, 561.
Bonasa umbellus *umbellus*, 466, 553.
Bond, Frank, the later flights of the Passenger Pigeon, 523-527.
Botaurus lentiginosus, 80, 245, 282, 455.
 stellaris, 80.
Bourne. Thomas L., the Glaucous

- Gull (*Larus hyperboreus*) at Buffalo, N. Y., 108; an Egret (*Herodias egretta*) record from Oswego County, N. Y., 273; the Tufted Titmouse (*Baeolophus bicolor*) in Erie County, N. Y., 463.
- Bowles, J. Hooper, nesting of the Nighthawk at Tacoma, Wash., 203-217.
- Bradypterus usambarae*, 149.
- Brannon, Peter A., notes on Alabama birds, 463; an unusual Dove's nest, 601; Blue Jay feeding on pecans, 603.
- Brant, White-bellied, 584.
- Branta bernicla glaucogastra*, 584, 617.
bernicla nigrescens, 265.
canadensis, 268.
c. canadensis, 376, 599.
c. hutchinsii, 268.
c. minima, 269.
c. occidentalis, 127, 269.
nigricans, 265.
- Brazil, birds of, 113, 297.
- Brewster Memorial Medal, 498.
- 'British Birds,' reviewed, 147, 308, 483, 619.
- British Ornithologists' Club, 'Buletin' of, reviewed, 306, 483, 619.
- Brown, Stewardson, obituary notice of, 316.
- Bryan, William Allanson, personal mention of, 498.
- Bryant, H. C. notice of his 'California Hawks and how to know them', 617.
- Bubo maximus*, 151.
virginianus heterocnemis, 586.
v. pallescens, 554.
v. virginianus, 282, 377.
- Buceros leucocephalus*, 476.
- Bullfinch, 336.
- Bunting, Cirl, 336.
Corn, 336.
Painted, 260, 523.
Reed, 336.
Yellow, 336.
- Burleigh, Thomas D., breeding birds of Warland, Lincoln Co., Montana, 552-565.
- Burnett, W. L., and Maxon, Asa C., notice of their paper on the food habits of the Ring-necked Pheasant, 480.
- Burroughs, John, obituary notice of, 316.
- Buteo abbreviatus abbreviatus*, 360.
a. minimus, 360.
albicaudatus, 360.
a. exiguum, 361.
albinotatus, 360.
borealis, 256.
b. calurus, 554.
buteo buteo, 333.
lineatus allenii, 256.
l. extimus, 266.
l. lineatus, 377.
platypterus, 256.
p. platypterus, 360.
- Buteola brachyura*, 360, 361.
- Butorides virescens virescens*, 254, 522.
- Buturlin, S. A., personal mention of, 499.
- Buzzard, 333.
- CALAMOCICHLA palustris*, 149.
- Calidris leucophaea*, 111.
- California, birds of, 118, 617.
- 'California Fish and Game,' noticed, 480.
- Calopteryx*, 487.
- Campephaga lugubris asakurai*, 299.
- Campephilus*, 533.
haematogaster, 541.
malherbei, 540.

- Campephilus, *principalis*, 257, 540.
 pollens pollens, 540.
Campethera *nivosa herberti*, 542.
 permista, 542.
Canada, birds of, 116, 429-431.
Canutus *canutus*, 266.
 c. rufus, 266.
Canvas-back, 253, 522, 584.
Capella, 266.
 gallinago delicata, 266.
 g. gallinago, 266.
 media, 266.
Capito *brunneipectus*, 298.
Caprimulgus *eleanorae*, 143.
 europaeus europaeus, 334.
 pectoralis guttifer, 486.
 trimaculatus tristigma, 143.
Caracara, Audubon's, 523.
Cardinal, 235, 285, 379, 465.
 Florida, 260.
 Gray-tailed, 523.
Cardinalis *cardinalis canicaudus*,
 523.
 c. cardinalis, 235, 379.
 c. floridanus, 260.
Carduelis *carduelis carduelis*, 335.
Carpodacus *cassini*, 558.
 mexicanus frontalis, 468, 606.
 purpureus purpureus, 326, 606.
Cassin, John, an anonymous work
by, 286.
Casmerodius *egretta*, 109, 120, 273,
 519, 598, 599.
Cassowary, 137.
Casuarius *uniappendiculatus*, 137.
Catbird, 230, 262, 563, 608.
Catharista *urubu*, 377.
Cathartes *aura septentrionalis*, 255,
 377, 554, 585, 601.
Catoptrophorus *semipalmatus in-*
 ornatus, 111, 522.
 s. semipalmatus, 255, 466.
Centurus *aurifrons*, 523.
 carolinus, 235, 257, 378, 541, 610.
 striatus, 533, 542.
Ceophloeus *lineatus similis*, 536.
Cerchneis, 475.
 isabellina ochracea, 364.
naumannii *sarmaticus*, 144.
sparverius *paulus*, 256.
Certhia sp., 338.
 familiaris americana, 263, 381.
 f. montana, 563.
 f. occidentalis, 129.
Ceryle *alcyon aleyon*, 257, 377, 554.
 a. caurina, 129.
 americana septentrionalis, 523.
Chachalaca, 518.
Chaetura *burgersi*, 150.
 novae-guineae mamberana, 149.
 pelagica, 275, 378.
 vauxi, 556.
Chaffinch, 336.
Chamepelia *passerina pallescens*,
 523.
 p. passerina, 255.
Chapin, James P., West Africa the
true habitat of *Glaucidium teph-*
ronotum, 456; the abbreviated
inner primaries of nestling wood-
pecker, 531, 552; notice of his
'Descriptions of Four New Birds
from the Belgian Congo,' 476.
Chapman, Frank M., review of his
'Descriptions of Apparently New
Birds from Bolivia, Brazil, and
Venezuela,' 297; review of his
'Bird-Life in the Urubamba Val-
ley, Peru,' 611.
Charadrius *bicinctus*, 307.
 dominicicus dominicus, 111.
hypomelus, 266.
melodus, 600.
rubidus, 136.
vociferus *ternominatus*, 136.
Chat, Yellow-breasted, 135, 465.
Chen *caerulescens*, 265, 270, 271.
 c. caerulescens, 268.
 c. nivalis, 265.
 hyperboreus, 265.

- Chen h. hyperboreus, 120, 268.
 h. nivalis, 265.
- Chewink, 285.
- Chickadee, Acadian, 55, 467, 468, 589.
 Black-capped, 564.
 Carolina, 381, 465.
 Hudsonian, 119.
 Labrador, 55.
 Mountain, 564.
- Chicken, Prairie, 112.
- Chiffchaff, 337.
- Childs, John Lewis, obituary notice of, 494.
- Chloris chloris, 336.
 sinica clarki, 310.
- Chondestes grammacus, 379, 592.
- Chordeiles acutipennis texanus, 523.
 virginianus chapmani, 258.
 v. hesperis, 203-217, 556.
 v. virginianus, 203-217.
- Chrysocolaptes, 485.
- Chrysopicos punctatus balius, 542, 536.
- Chrysopicus, 534.
- Chrysoptilos melanolaimus, 545.
- Chuck-will's-widow, 257, 282.
- Cinclus mexicanus unicolor, 118.
- Cinnicethertha paramosae, 150.
- Cinnyris alinae vulcanorum, 292.
 souimanga apolis, 292.
- Circus aeruginosus, 333.
 cyaneus, 333, 475.
 c. hudsonius, 256.
 hudsonius, 256.
- Cisticola, 143.
 erythrops, 143.
 tinniens perpulla, 292.
- Cistothorus platensis caracasensis, 298.
 stellaris, 55, 594.
- Clangula clangula americana, 467.
 islandica, 467.
- Climacocercus zonothorax, 357.
- Coale, Henry K., plumage of the Chimney Swift, 275; Passenger Pigeon in Wisconsin, 456.
- Coccyczus americanus americanus, 257.
 erythrophthalmus, 586.
- Coenocorypha aucklandica iredalei, 308.
- Coereba bahamensis, 461.
- Colaptes auratus auratus, 257, 378.
 a. borealis, 586.
 a. luteus, 538.
 cafer collaris, 555.
- Colius nigricollis leucophthalmus, 476.
 virginianus floridanus, 255.
 v. texanus, 523.
 v. virginianus, 376.
- Collinge, Walter E., review of his reports on the economic status of the Kingfisher and Rook in Great Britain, 304.
- Collophus miniatus dayok, 614.
- Colluricincla, 143.
- Colombia, birds of, 49.
- Colopteryx galeatus, 298.
- Columba flavirostris, 519.
 palumbus palumbus, 333.
 radiata, 476.
 rufigastra, 476.
- Colymbus auritus, 108, 124, 127, 465.
 holboelli, 79, 127, 264, 467.
 griseigena, 264.
 g. holboelli, 264.
 immer, 365.
 major, 79.
 torquatus, 365.
- Cometornis vitticus, 298.
- Compsoenas, 476.
- Compsothlypis americana, 261.
 a. ramalinae, 380.
- 'Condor, The,' reviewed, 145, 305, 481, 618.

- Connecticut, birds of, 69, 77, 274, 411-417, 465-467.
Cooke, May Thatcher, review of her 'Birds of the Washington Region', 476.
Coot, 255, 376, 584.
Coragyps urubu, 256, 520.
Corea, birds of, 575-582.
Corethrura rubra, 141.
Cormorant, 329.
 Double-crested, 375, 597.
 Florida, 253.
 Mexican, 522.
Corthylio calendula calendula, 263.
Corvus brachyrhynchos brachyrhynchos, 378, 521.
 b. pascuus, 258.
 corax dardaniensis, 149.
 c. principalis, 57, 121.
 c. sinuatus, 558.
 cornix cornix, 335.
 corone corone, 335.
 cristatus, 83.
 frugilegus frugilegus, 335.
 monedula spermologus, 335.
 ossifragus, 259.
 pumilus, 297.
Cory, Charles B., description of a new species of *Sittasomus* from north-eastern Brazil, 113; obituary notice of, 492.
Court, Edward J., some records of breeding birds for the vicinity of Washington, D. C., 281.
Cowbird, 378, 459, 558.
Crandall, Lee S., notice of his 'Eclipse Plumage of the Domestic Fowl,' 301.
Crane, Little Brown, 469.
 Sandhill, 254, 469, 590.
Cranobrontes, 476.
Crateropus griseus, 297.
Creciscus jamaicensis, 56.
Creeper, 338.
 Brown, 51, 263, 381.
Creeper, Rocky Mountain, 563.
Crossbill, 125, 559, 591.
 Newfoundland, 587.
 White-winged, 592.
Crotophaga sulcirostris, 521.
 s. pallidula, 298.
Crow, 51, 378, 521, 610.
 Carrión, 335.
 Fish, 259.
 Florida, 258.
 Hooded, 335.
Cryptoglaux, 136.
 acadica, 121, 283, 591.
 a. acadica, 466.
 funerea, 136.
Cuckoo, 334.
 Black-billed, 53, 586.
 Yellow-billed, 257, 610.
Cuculus canorus canorus, 334.
Curlew, Hudsonian, 111, 123, 600.
 Long-billed, 110.
Cyanocitta cristata bromia, 86.
 c. cristata, 83, 231, 234, 258, 378.
 c. florincola, 83, 603.
Cyanomitra verticalis, 143.
Cyanosylvia, 268.
Cygnus olor, 273.
Cynchramus schoeniclus curvirostris, 144.
 s. goplanae, 144.
Cyornis banyumas, 297.
 b. peromissa, 292.
 elegans, 297.
 rubecculoides, 297.
DAFILA acuta, 584.
'Danske-Fugle,' reviewed, 310.
Davis, R. N., personal mention of, 498.
Deane, Ruthven, American Egret (*Casmerodius egretta*) in Maine, 109; a correction, 287; the Turkey Vulture in Michigan, 601.

- Delichon urbica urbica*, 336.
Dendragapus obscurus richardsoni,
 553.
 o. *sitkensis*, 481.
Dendrobiastes hyperythra jugosae,
 476.
Dendrocitta celadina, 297.
 sinensis, 297.
Dendrocopos major pinetorum, 334.
Dendroica aestiva aestiva, 380, 561.
 a. *amnicola*, 588.
 auduboni, 487.
 a. *auduboni*, 562.
 a. *goldmani*, 487.
 a. *memorabilis*, 487.
 a. *nigrifrons*, 487.
 caerulescens caerulescens, 261.
 castanea, 117, 126, 588.
 cerulea, 380.
 coronata, 235, 261, 380.
 discolor, 122, 262.
 dominica, 137.
 d. *albilora*, 462.
 d. *dominica*, 261.
 fusca, 325, 588.
 kirtlandi, 116.
 magnolia, 588.
 palmarum palmarum, 262, 589.
 pensylvanica, 588.
 pinus, 281.
 tigrina, 117, 126, 467, 588.
 townsendi, 562.
 vigorsi, 261, 281, 589.
 vires, 126, 380.
- Dendropicos obsoletus camerunensis*, 150.
 o. *kirensis*, 150.
 poecilolaemus, 544.
- Dendroplex picus*, 298.
 p. *bahiae*, 298.
- Dicaeum chrysorrhoeum intensum*,
 483.
 trigonostigma rubropygium,
 483.
- Dichromana rufescens*, 517.
- Dickcissel*, 1-26, 163-184, 523, 593.
Dingle, E. von S., the Kentucky
 Warbler in Clarendon County,
 S. C., 607.
Dinopium javanense palmarum, 614.
Diomedia exulans, 528.
 irrorata, 528.
 nigripes, 531.
Diopezus, 476.
 District of Columbia, birds of the,
 281, 282, 463.
Dolichonyx oryzivorus, 322.
Domaniewski, Janusz, notice of
 papers by, 144.
 Domestic Fowl, eclipse plumage of,
 302.
 Dove, Ground, 255.
 Inca, 523.
 Mexican Ground, 523.
 Mourning, 377, 523, 601.
 Turtle, 333.
 Western Mourning, 554.
 White-fronted, 520.
 White-winged, 520.
 Dowitcher, 111.
 Long-billed, 111, 585.
Drymophila devillei subochraceus,
 298.
Dryobates borealis, 257.
 cabanisi, 578.
 canicapillus volzi, 310.
 gouldi, 578.
 l. *intermedius*, 580.
 l. *namiyei*, 580.
 l. *stejnegeri*, 579.
 l. subcirris, 579.
 l. takashii, 310.
major hondoensis, 577.
 m. *japonicus*, 577.
 m. *pinetorum*, 537.
 minor hortorum, 334.
 pubescens homorus, 554.
 p. *medianus*, 377, 538.
 p. *pubescens*, 257, 377.
 scalaris bairdi, 523.

- Dryobates tscherskii, 578.
uralensis, 579.
villosus auduboni, 257, 377.
v. monticola, 554.
v. villosus, 377, 538.
- Dryonastes tsinlingensis, 149.
- Dryoscopetes gambensis, 143.
- Dryoscopus martius **morii**, 575.
- Duck, Black, 52, 585.
 Florida, 253.
 Harlequin, 584.
 Mottled, 522.
 Ring-necked, 584, 590.
 Ruddy, 466.
 Wood, 120, 376, 584.
- Dumetella carolinensis, 230, 262.
 563.
- Duncanula, 488.
 duncani, 488.
- Dutcher, William, in memoriam, 501-513.
- Dwight, J. and Griscom, L. notice of their 'Review of *Atlapetes gutturalis*', 616.
- EAGLE, Bald, 256, 585, 610.
 Golden, 585.
 Northern Bald, 585.
- Economic Ornithology in recent Entomological publications, 302.
- Ectopistes migratorius, 274.
- Edoliisoma schisticeps bernsteini, 149.
 s. moskowskii, 149.
 s. reichenowi, 149.
- Egret, 109, 120, 273, 287, 517, 598, 599.
 Reddish, 517.
 Snowy, 517.
- Egretta candidissima candidissima, 517.
- Eider, King, 270, 454.
- Eifrig, G., the Starling again at Cumberland, Md., 604; unusual winter occurrences at Chicago, 609; Mockingbird and Catbird wintering at Cumberland, Md., 608.
- Elanoides forficatus, 256, 464.
 f. yetapa, 363.
- Elanus axillaris, 266.
 a. leucurus, 363.
 a. majusculus, 266.
 leucurus, 266.
- 'El Hornero,' reviewed, 148, 306.
- Elminia longicauda, 143.
- Emberiza calandra calandra, 336.
 cirlus, 336.
 citrinella citrinella, 336.
 schoeniclus schoeniclus, 336.
- Emerson, W. Otto, notice of his collection of bird skins, 160.
- Empidonax flaviventris, 121, 126, 587.
 hammondi, 557.
 minimus, 121.
 trailli alnorum, 122.
- 'Emu, The,' reviewed, 147, 308, 484, 619.
- Eopsaltria griseigularis, 296.
 leucura, 296.
 placens, 143.
- Eremomela flaviventris, 297.
 griseoflava perimacha, 297.
- Ereunetes pusillus, 111, 124.
 mauri, 111.
- Erismatura jamaicensis, 466.
- Erythacus rubecula rubecula, 339.
- Erythrura tricolor, 487.
 forbesi, 487.
- Essex Country Ornithological Club, review of 'Bulletin' of, 299.
- Estrilda astrild, 143.
 cinerea, 487.
 troglodytes, 487.
- Euphagus carolinus, 259, 378, 587.
 cianocephalus, 558.
 c. minusculus, 267.
- Euplectes flammiceps, 153.
- Eurystomus afer, 143.

- Euxinura maguari, 148.
- FALCO columbarius columbarius, 364, 377.
 deiroleucus, 364.
 isidori, 140, 311.
 leucorrhous, 141, 311.
 limnaetus, 141, 311.
 peregrinus anatum, 466, 586.
 rusticulus candidans, 475.
 sparverius paulus, 250.
 s. phalaena, 554.
 s. sparverius, 128, 377, 467.
 subbuteo usuriensis, 144.
 tinnunculus tinnunculus 333.
 'Falco,' reviewed, 310.
- Faxon, Walter, obituary notice of, 157.
- Feilden, Col. Henry Weymss, obituary notice of, 496.
- Finch, Cassin's Purple, 558.
 House, 468, 606.
 Purple, 52, 286, 326, 606.
- 'Fins Feathers and Fur,' noticed, 480.
- Flicker, 257, 378.
 Boreal, 586.
 Red-shafted, 555.
- Florida caerulea, 121, 254, 466.
- Florida, birds of, 460, 461, 599.
- Floyd, Charles B., Arkansas Kingbird in Massachusetts, 114.
- Flycatcher, Acadian, 610.
 Alder, 122.
 Crested, 258, 378.
 Hammond's, 557.
 Least, 121, 323.
 Olive-sided, 53, 556.
 Pied, 337.
 Scissor-tailed, 523.
 Spotted, 337.
 Vermilion, 523.
 Yellow-bellied, 121, 587.
- France, birds of, 329-340.
- Francolinus clappertoni, 143.
- Francolinus hildebrandti, 483.
- Fratercula arctica, 329.
- Fregata aquila, 253, 522.
 magnificens rothschildi, 253.
- Fringilla coelebs coelebs, 336.
- Fulica americana, 255, 376, 522, 584.
 atra, 149.
 stenoleuca, 149.
- Fulmar, 329.
 Antarctic, 527.
- Fulmarus glacialis, 329.
- GABRIELSON, IRA N., a question concerning the Cowbird, 459,
 see also Kalmbach, E. R.
- Gallinago, 266.
 anthonyi, 297.
 delicata, 82, 111, 128, 255, 376.
 gallinago, 82.
 g. delicata, 82.
- Gallinula chloropus chloropus, 332.
 c. cachinnans, 255.
 galeata, 255, 282, 584.
- Gallinule, Florida, 255, 282, 584.
 Purple, 255.
- Gallus, 471.
- Gampsonyx swainsoni meridensis, 363.
- Gardner, A. C., a Kingbird's unusual nesting site, 457; the Hooded Warbler in Delaware, 463.
- Garrulus glandarius glandarius, 336.
- Gavia arctica, 366.
 immer, 269, 594.
 i. immer, 364-370.
 i. elasson, 364-370.
- Gazzola, 458.
- Gelochelidon nilotica, 000.
- Gennaeodryas, 143.
- Gennaeus, 471.
- Geothlypis trichas ignota, 262.
 t. occidentalis, 562.
 t. trichas, 380.

- Geococcyx californianus, 523.
Geranoaetus melanoleucus, 359.
Gerygone stictilaema, 150.
Gibson, Langdon, American Egrets
near Schenectady, N. Y., 598.
Giraud, J. P., Jr., letter of, 314.
Glareola nuchalis, 143.
Glaucidium gnoma, 128.
Gnatcatcher, 465.
 Blue-gray, 120, 263, 381.
Godwit, Marbled, 110, 111.
 Hudsonian, 110, 111, 466.
Goldcrest, 339.
Golden-eye, 467.
 Barrow's, 467.
Goldfinch, 52, 379, 464, 466, 606.
 European, 335.
 Pale, 559
Goose, Blue, 109, 270, 271.
 Canada, 271, 376.
 Snow, 120.
Goshawk, 283, 590.
Gowanlock, J. Nelson, a late record
for the Red-backed Sandpiper,
273.
Gackle, Bronzed, 285, 378.
 Boat-tailed, 259.
 Florida, 259.
 Great-tailed, 521.
Grallaria, 144.
 rufula saturata, 144.
 r. taczanowskii, 144.
Great Britain, birds of, 475, 136.
Grebe, Holboell's, 467.
 Horned, 108, 124, 465.
 Pied-billed, 253, 375, 466.
Greenfinch, 336.
Gregory, Stephen S., Three-toed
Woodpecker in Michigan, 274;
Louisiana Clapper Rail in Mis-
sissippi, 455.
Griscom, Ludlow, the Mockingbird
of St. Thomas, West Indies, 461.
see also Miller, W. DeW. and
Dwight, J.
Griscom, Ludlow, and Nichols, J.
T., review of their 'A Revision
of the Seaside Sparrows,' 134.
Grinnell, Joseph, a striking case of
adventitious coloration 129-131;
the criterion of the trinomial,
469.
Grosbeak, Black-headed, 560.
 Evening, 114, 121, 587, 591, 604.
 Kodiak Pine, 129.
 Pine, 592.
 Rose-breasted, 260.
Gross, Alfred O., the Dickcissel
(*Spiza americana*) of the Illinois
Prairies, 1-26, 163-184.
Grouse, Canada Ruffed, 553.
 Richardson's, 553.
 Ruffed, 51, 465, 466.
Grus, 81.
 canadensis, 80.
 c. mexicana, 254, 469.
 mexicana, 80, 269, 590.
 nesiotis, 81.
Guara alba, 253.
'Gull', The, noticed, 480.
Gull, Black-headed, 330.
 Glaucous, 108, 583.
 Great Black-backed, 330.
 Herring, 463.
 Laughing, 514, 583, 596.
 Mediterranean Black-headed,
 332.
 Mew, 329.
Gurney, J. H., review of his 'Early
Annals of Ornithology,' 292; re-
view of his bibliography, 299.
HAEMATOPUS bachmani, 128.
 palliatus, 523.
Halcyon malimbicus, 143.
Haliaeetus leucocephalus alascanus,
 585.
 l. leucocephalus, 256, 585.
Hall, E. Raymond, Golden-winged
Warbler in Kansas, 607.

- Hapalocrex, 141, 311.
 Harrier, Hen, 333.
 Marsh, 333.
 Hartert, Ernst, notice of his "Types of Birds in the Tring Museum," 292. Notice of his report on the Buchanan Expedition to Air, 615.
 Hawk, Broad-winged, 256.
 Cooper's, 55, 57, 377.
 Desert Sparrow, 554.
 Duck, 466, 486.
 Florida Red-shouldered, 256.
 Little Sparrow, 256.
 Marsh, 256.
 Pigeon, 377.
 Red-shouldered, 377, 600, 610.
 Red-tailed, 256, 465.
 Rough-legged, 282, 590.
 Sharp-shinned, 256, 377, 554.
 Sparrow, 333, 377, 467.
 Western Red-tailed, 554.
 Helicorys modesta nigrita, 149.
 Hellmayr, C. E., notice of his "Beitrag zur Ornithologie von Sudost-Peru," 298.
 Helmitheros vermivorus, 588.
 Helodromas solitarius solitarius, 111, 121, 376.
 Herodias egretta, 273.
 Heron, Black-crowned Night, 254, 584, 610.
 Common, 332.
 Great Blue, 52, 376.
 Great White, 254.
 Green, 254, 522, 610.
 Little Blue, 121, 254, 466, 598, 610.
 Louisiana, 254.
 Ward's, 254.
 Yellow-crowned Night, 254.
 Hesperiphona vespertina vespertina, 114, 121, 587, 591.
 Heterospizias meridionalis meridionalis, 359.
 m. **australis**, 359.
 Hierofalco rusticolus islandus, 266.
 Himantopus mexicanus, 522.
 Hirundo erythrogaster, 260.
 puella, 143.
 rustica erythrogaster, 260.
 r. rustica, 337.
 Histrionicus histrionicus, 584.
 Hoffmann, Ralph, a mating performance of the Least Tern, 596.
 Hollister, N., the Willow Thrush in the District of Columbia, 463.
 Holoquiscalus, 435-453.
 fortirostris dispar, 452.
 f. fortirostris, 451.
 jamaicensis **bangsi**, 442.
 j. caribaeus, 440.
 j. caymanensis, 443.
 j. gundlachii, 439.
 j. jamaicensis, 437.
 lugubris guadeloupensis, 450.
 l. inflexirostris, 450.
 l. insularis, 448.
 l. lugubris, 446.
 l. luminosus, 449.
 l. orquillensis, 448.
 niger brachypterus, 445.
 n. niger, 444.
 rectirostris, 453.
 Howard, H. Elliot, review of his "Territory in Bird Life," 288.
 Howell, Arthur H., a list of the birds of Royal Palm Hammock, Florida, 250-263; an Egret (*Camerarius egretta*) on Long Island, N. Y., 599.
 Hornady, W. T., notice of his paper on private game sanctuaries, 144.
 Huber, Wharton, personal mention. 318.
 Hudson, W. H., review of his "Birds of La Plata," 139.
 Hummingbird, Calliope, 556.
 Ruby-throated, 52, 258, 275, 378, 609.

- Hunt, Chreswell J., notes on the winter and early spring birds of southeastern Arkansas, 370-381; the Orange-crowned Warbler in Indiana, 462; additional notes on Arkansas birds, 610.
- Hydranassa tricolor ruficollis*, 254.
- Hydrochelidon nigra surinamensis*, 522.
- Hylocichla aliciae bicknelli*, 589, *ustulata swainsoni* 560, *guttata faxoni*, 433.
- Hypohera*, 143.
- Hypocnemis hypoxantha ochraceiventris*, 298.
- Hypoxanthus rivclii*, 534.
r. *brevirostris*, 542.
- 'IBIS, THE,' reviewed, 146, 306.
- Ibis*, White, 253.
White-faced Glossy, 000.
Wood, 254.
- Icterus galbula*, 323.
spurius, 259.
- Ictinia plumbea*, 363.
- Illinois Arbor Day Circular, noticed, 480.
- Illinois Audubon Society, review of 'Bulletin,' 300.
- Illinois, birds of, 1-26, 110, 117, 163-184, 600.
- Indiana, birds of, 462.
- Iole gularis*, 487.
philippensis, 487.
- Ionornis martinicus*, 255.
- Iowa, birds of, 278, 523-527.
- Iredale, Tom, see Mathews, Gregory M.,
- Iridoprocne bicolor*, 261, 560.
- Ixoreus naevius meruloides*, 565.
- JACKDAW, 335.
- Jackson, Thomas H., Arkansas Kingbird in Virginia, 458.
- Jaeger, Parasitic, 597.
- Jamaica, birds of, 136.
- Japan, birds of, 299, 575-582.
- Jay, 335.
Blue, 53, 231, 234, 378, 465, 603.
Florida Blue, 258.
Green, 523.
Rocky Mountain, 558.
- Johnson, Charles E., Bewick's Wren and the Cape May Warbler in Kansas, 117; additions to the birds of Lake County, Minnesota, 124-126.
- Johnson, Frank Edgar, 'A Letter of J. P. Giraud, Jr., 314.
- 'Journal fur Ornithologie,' 149, 486.
- Junco, Montana, 559.
Slate-colored, 379.
- Junco hyemalis hyemalis, 379.
h. *montanus*, 559.
- Jynx torquilla *hokkaidi*, 582.
t. *japonica*, 582.
t. *torquilla*, 334.
- KALMBACH, E. R., and Gabrielson, Ira N., review of their 'Economic Value of the Starling in the United States,' 294.
- Kansas, birds of, 117, 609.
- Kennard, Frederic H., moulds and bacteria on egg collections, 345-356; see also Bangs, Outram.
- Kentucky, birds of, 275, 464.
- Kestrel, 333.
- Killdeer, 52, 111, 255, 376, 466, 522, 553.
- Kingbird, 258, 457, 556, 610.
Arkansas, 113, 114, 458, 610.
Gray, 258.
- Kingfisher, Belted, 257, 377, 554, 609.
European, 334.
- Texas, 523.

- Kinglet, Golden-crowned, 285, 468.
 Ruby-crowned, 263, 381, 564,
 609.
 Western Golden-crowned, 564.
- Kite, 333.
 Kite, Everglade, 256.
 Swallow-tailed, 256, 464.
- Knot, 111.
- Kollibay, Paul, notice of death of,
 318.
- Kuroda, Nagamichi, notice of de-
 scriptions of new Japanese birds
 by, 299; descriptions of seven
 new forms of Japanese and
 Corean woodpeckers, 575-582.
- LAGOPUS leucurus rainierensis*, 266.
- Lamb, Charles R., Blue Goose
 (*Chen caerulescens*) in Massa-
 chusetts, 109.
- Lamprocorax montosa*, 476.
- Lamprura*, 476.
- Laniarius aethiopicus*, 143.
- Lanius collurio collurio*, 337.
ludovicianus ludovicianus, 261.
 279.
l. mearnsi, 267, 587.
l. migrans, 379.
mollis, 482.
senator senator, 337.
- Lanivireo flavifrons*, 380.
solitarius cassini, 561.
s. solitarius, 261, 587.
- Lano, Albert, Prairie Chicken
 (*Tympanuchus americanus*) in
 Arkansas, 112; American Osprey
 in Arkansas, 113.
- Lapwing, 332.
- Lark, Prairie Horned, 51.
 Sky, 335.
 Texas Horned, 523.
 Wood, 335.
- Larus argentatus*, 127, 463.
atricilla, 514, 583, 596.
brachyrhynchus, 127.
canus, 329.
- Larus hyperboreus*, 108, 583.
marinus, 330.
melanocephalus, 332.
ridibundus, 330.
serranus, 342.
- 'Le Gerfaut', reviewed, 148, 485.
- Leggeornis lamberti eyrei*, 484.
- Leopold, Nathan F., two rare
 birds in the Indiana sand dunes,
 124.
- Lepidocolaptes*, 299.
lachrymiger carabaya, 298.
- Leptotila fulviventris brachyptera*,
 520.
- Leucocura leucophrys carteri*, 296.
- Leuconerpes candidus*, 535, 545.
- Leucopternus princeps*, 141, 311.
- Lewinornis rufiventris*, 296.
- Lewis, George Porter, occurrence
 of Buff-breasted Sandpiper
 (*Tryngites subrufficollis*) in Chi-
 cago parks, 600.
- Lewis, Harrison F., a nesting of the
 Philadelphia Vireo, 26-44, 185-
 202; mortality among Chimney
 Swifts, 275; the Blue Goose in
 the province of Quebec, 270.
- Limnocrex*, 141, 311.
- Limnocryptes gallinula*, 145, 266.
- Limnodromus griseus*, 111.
griseus scolopaceus, 111, 585.
- Limnogeranus*, 81.
- Limosa fedoa*, 110, 111.
haemastica, 110, 111, 466.
- Limpkin, 254.
- Lincoln, Frederick C., the history
 and purposes of bird-banding,
 217-228; American Tern recov-
 ered in West Africa, 453; notice
 of his 'Instructions for Bird
 Banding', 478.
- Linnet, 335.
- 'L'Oiseau,' reviewed, 309, 485,
 620.
- Lobipes lobatus*, 111.
- Lobiophasis*, 471.

- Loomis, Leverett M., remarks on the migration of southern hemisphere Albatrosses and Petrels, 527-531.
- Loon, 269, 364-370, 594.
Lesser Black-billed, 364-370.
- Lophodytes cucullatus, 583.
- Lophotriccus, 487.
galeatus, 298.
spiciferum, 298.
- Lophotriorchis isidorei, 363.
- Lophura, 471.
- Louisiana, birds of, 566-574.
- Loxia curvirostra, 151.
c. minor, 125, 559, 591.
c. perca, 587.
hordeacea, 153.
leucoptera, 592.
- Lullula arborea, 335.
- Luscinia, 268.
megarhyncha megarhyncha, 339.
- McATEE, W. L., exhibition of bird paintings at the A. O. U., meeting, 161; review of Bryant, on California hawks, 617.
- McClymont, James R., review of his 'Essays on Ornithology and Kindred Subjects,' 137.
- McGregor, Richard C., review of his 'Some Features of the Philippine Ornis,' 131; notice of his 'Birds of Panay,' 615.
- Mabbott, Douglas C., review of his 'Food Habits of Seven Species of Shoal-water Ducks,' 477.
- Mackworth-Praed, C., see Slater, W. L.,
- Machaerorhynchus, 475.
- Mackay, George H., Sanderling on Nantucket in December, 273; Hudsonian Curlew and Golden Plover at Nantucket, 600.
- Macoun, John, obituary of, 158.
- Macrosphenus flavicans, 306.
- Magee, M. J., Evening Grosbeak at Sault Ste. Marie, Mich., 114; Double-crested Cormorant in Ontario, 597; Evening Grosbeak breeding in Michigan, 604; Golden-winged Warbler at Sault Ste. Marie, Mich., 607.
- Magpie, 276, 335, 458, 558.
- Maine, birds of, 67, 69-72, 77-78, 109, 287, 422, 429, 603.
'Maine Naturalist,' notice of, 499.
- Malimbus rubricollis nigeriae, 483.
r. praedi, 483.
- Mallard, 253, 375, 467.
- Manitoba, 273.
- Man-o-war-bird, 253, 522.
- Mareca americana, 583.
penelope, 583.
- Marila americana, 467.
collaris, 584, 590.
marila, 265.
valisineria, 253, 522, 584.
- Martin, 336.
Purple, 125, 260, 379.
Sand, 337.
- Maryland, birds of, 281, 282, 604, 608.
- Massachusetts, birds of, 59-65, 77, 78, 109, 113, 114, 271, 280, 382-411, 600.
- Mathews, G. M., review of his 'The Birds of Australia,' 143, 295, 475.
- Mathews, Gregory M., and Iredale, Tom, review of their 'A Manual of the Birds of Australia,' 473.
- Maxon, Asa C., see Burnett, W. L.
- Meadowlark, 52, 284, 378, 523.
Rio Grande, 523.
Southern, 259.
Western, 558.
- Megalestes albonotatus, 143.

- Megalornis, 81.
 canadensis canadensis, 82.
 c. mexicana, 82.
 c. nesiotis, 82.
- Megaquiscalus major macrourus,
 521.
 m. major, 259.
- Meiglyptes grammithorax, 534, 544.
- Melanerpes erythrocephalus, 372,
 378, 466, 468, 541, 586.
- Melanitta deglandi, 265.
 d. dixoni, 265.
 fusca, 265.
 f. deglandi, 265.
 f. dixoni, 265.
- Meleagris gallipavo osceola, 255.
 g. silvestris, 376.
- Melopelia asiatica, 520.
- Melospiza georgiana, 125, 360, 379.
 lincolni lincolni, 58, 125.
 melodia acadica, 587.
 m. caurina, 129.
 m. melodia, 230, 231, 260, 379.
 m. montana, 560.
 m. rufina, 129.
- Menurus navae-hollandiae, 148.
- Menzbier, Michael A., personal
 mention, 499.
- Merganser, Hooded, 583.
 Red-breasted, 52.
- Merops apiaster, 152.
- Mesopicos goertae, 143, 532.
 g. centralis, 544.
- Mexico, 44-50.
- Michigan, birds of, 114, 116, 119,
 274, 281, 292, 454, 604, 607.
- Micropalama himantopus, 111.
- Microphila, 488.
- Micropus pacificus, 482.
- Microrhopias emiliae, 298.
- Migration, 527-531.
- Miller, Carrie E., Arkansas King-
 bird in Maine, 603.
- Miller, W. DeW., and Griscom,
- Ludlow, notes on *Ortalisp. vetula*
 and its allies, 44-50; the type
 locality of *Ortalisp. v. vetula*, 455.
- Milvus lineatus formosanus, 299.
 milvus, 333.
- Mimus polyglottos polyglottos, 121,
 262, 380, 382-432, 468, 589, 610.
 p. leucopterus, 523.
- Minnesota, birds of, 124-126.
- Mississippi, birds of, 455.
- Mniotilla varia, 261, 380, 588.
- Mockingbird, 121, 262, 380, 382-
 432, 468, 589, 608, 610.
 Western, 523.
- Molothrus ater ater, 378, 558.
- Molt, 531-552.
- Monarcha, 475.
- Montana, birds of, 290, 552-565.
- Moor Hen, 332.
- Morphnarchus, 141, 311.
- Motacilla alba lugubris, 338.
 flava, 143.
 f. rayi, 338.
 longicauda, 297.
 luscinia, 268.
 rhadinura, 297.
- Mousley, H., further notes and
 observations on the birds of
 Hatley, Stanstead County, Que-
 bec, 1919, 51-59; the Horned
 Grebe (*Colymbus auritus*) at
 Hatley, Stanstead County, Que-
 bec, 108; three important records
 from Hatley, Stanstead County;
 Quebec, 126; which sex selects
 the nesting locality, 321-328;
 Goldfinches and Purple Finches
 wintering at Hatley, Stanstead
 Co., Quebec, 606; the Philadelphia
 Vireo (*Vireosylva philadelphica*)
 in the Provence of Quebec, 607;
 early spring records at Hatley,
 Que., 609.
- Murphy, Robert Cushman, review

- of his 'The Seacoast and Islands of Peru,' 141, 478, 615; personal mention, 318.
- Murre, 329.
- Muscicapa hypoleuca hypoleuca*, 337.
striata striata, 337.
- Muscifur, 298.
- Muscivora forficata*, 523.
- Museum of Comparative Zoology, bird genera represented in, the, 320.
- Myadestes townsendi*, 565.
- Mycteria americana*, 254.
- Myiarchus crinitus*, 258, 378.
semirufus, 298.
- Myiochanes virens*, 258, 378.
richardsoni richardsoni, 556.
- Myiolestes cyanus*, 143.
- Myiozetetes cayensis*, 298.
e. harterti, 298.
- Myzomela chloroptera juga*, 476.
- NANNUS hiemalis hiemalis**, 381, 589.
h. pacificus, 129, 563.
- National Association of Audubon Societies, work of, 621.
- Nesocorax**, 307.
- Netherlands, birds of the, 296.
- Netherlands Ornithological Society, 'Yearbook' noticed, 485.
- Nettion carolinense*, 583.
- New Hampshire, birds of, 68, 72–73, 77, 422.
- New Jersey, birds of, 114, 120, 138, 273, 295, 598 602.
- New Jersey Audubon Bulletin,' noticed, 480.
- New York, birds of, 108, 110–112, 135, 273, 463, 479, 597, 598, 599, 600.
- Newton, Alfred, notice of life of, 612.
- Nichols, J. T., estimated number of shore birds, 110–112; *Coereba bahamensis* at Miami, Fla., 461; See also Griscom, Ludlow.
- Nighthawk, 203–217.
Florida, 258.
Pacific, 523.
Texas, 556.
- Nightingale, 339.
- Nightjar, 334.
- Nigrita canicapilla angolensis*, 483.
- Nomenclature, 469.
- Nonnula amaurocephala*, 298.
- Nonpareil*, 460, 606.
- Notiocorys abariensis*, 383.
- Nova Scotia, 275, 601.
- Nucifraga columbiana*, 558.
- Numenius americanus*, 110.
hudsonicus, 111, 123, 600.
phaeopus alboaxillaris, 483.
- Nutcracker, Clarke's, 558.
- Nuthatch, 338.
Brown-headed, 263.
Pygmy, 564.
Red-breasted, 563.
Rocky Mountain, 563.
White-breasted, 263, 381.
- Nuttallornis borealis*, 556.
- Nyctanassa violacea*, 254.
- Nycticorax caledonicus*, 147.
nycticorax naevius, 254, 584.
- Nyroca ferina ferinoides*, 299.
marila nearctica, 265.
- OBERHOLSER, H. C.**, notes on North American birds, 79–82; the geographic races of *Cyanocitta cristata*, 83–89; sixth annual list of proposed changes in the A. O. U. Check-List of North American birds, 264–269; notice of recent papers by, 297.
- Oberholseria chlorura*, 278.
- Oceanites oceanicus*, 329, 527, 583.
- Ochthodromus wilsonius*, 522.

- Oenanthe oenanthe oenanthe, 340.
Olor columbianus, 128, 272, 273,
 454, 584.
 Ontario, birds of, 597.
 'Oologist, The,' reviewed, 306, 482,
 618.
Oporornis agilis, 593.
 formosus, 380, 607.
 philadelphicus, 126, 589.
 tolmiei, 562.
Oreopelcia larva, 297.
Oriole, Baltimore, 52, 323.
 Bullock's, 277.
 Orchard, 259.
 Ornithological Articles in Other Journals, 152, 311, 485.
 Ornithological Society of Bavaria, review of 'Proceedings,' 310.
 'Ornithologische Beobachter,' 310.
 'Ornithologische Monatsberichte,' reviewed, 148, 310, 485.
Oroaetus, 140, 311.
Orodytes, 476.
Ortalida ruficrissa, 49.
Ortalidis ruficrissa, 49.
 vetula, 44–50, 455.
 v. **fulvicauda**, 47.
 v. intermedia, 48.
 v. **jalapensis**, 46.
 v. **mccallii**, 518.
 v. **pallidiventris**, 48.
 v. **plumbiceps**, 47.
 v. **vetula**, 46.
 Osgood, W. H., convergent habits of fur seals and penguins, 284.
Osprey, 113, 256, 333, 465.
Otocoris alpestris giraudi, 523.
 a. *sierrae*, 267.
Otus asio, 377.
 a. *asio*, 257, 586.
 a. *floridanus*, 257.
 Ouzel Water, 118.
 Ovenbird, 52, 262, 465.
 Over, W. H. and Thoms., C. S., notice of their 'Birds of South Dakota,' 616.
 Owl, Barn, 256, 282, 466, 333, 591.
 Barred, 465.
 Florida Barred, 257, 377.
 Great Horned, 282, 377, 465.
 Labrador Horned, 334, 586.
 Pygmy, 128.
 Saw-whet, 121, 283, 466, 591.
 Screech, 55, 377, 586.
 Short-eared, 602.
 Western Horned, 554.
Oxyechus vociferus, 111, 255, 376,
 466, 527, 553.
 v. *rubidus*, 136.
 Oyster-catcher, 523.
PACHYCEPHALA, 143.
 pectoralis, 143.
 robusta, 143.
Pachyrhamphus polychoterus, 298.
 p. *costaricensis*, 487.
 p. *tantalus*, 487.
 marginatus, 298.
 m. *nanus*, 298.
Pagodroma nivea, 527.
 Palmer, T. S., thirty-eighth stated meeting of the American Ornithologists' Union, 89–105; report of the secretary, 105–108, in memoriam William Dutcher, 501–513; complete sets of Auk, 318; obituaries, 493–497, 622.
 Palmer, William, obituary notice of, 493.
Pandion haliaetus carolinensis, 113, 256, 364.
 h. *haliaeetus*, 333.
Papualestes, 143.
Paradisaea mixta, 483.
 Partridge, 332.
 Hungarian, 466.
Parus caeruleus caeruleus, 338.
 major *degeletensis*, 310.
 m. major, 338.
 palustris *longirostris*, 338.
 varius *saisiuensis*, 310.
 v. *utsoricensis*, 310.

- Passer domesticus, 244-250, 335, 379, 468.
griseus, 143.
montanus dybowskii, 144.
m. montanus, 335.
- Passerculus princeps, 277.
sandwichensis savanna, 125, 259.
- Passerella iliaca annexens, 267.
i. iliaca, 133, 379.
i. schistacea, 133.
i. sinuosa, 267.
i. townsendi, 133.
i. unalaschensis, 133.
- Passerina ciris, 260, 523, 606.
- Passerherbulus caudacutus, 604.
henslowi henslowi, 592.
maritimus, 135, 605.
m. howelli, 135.
m. juncicola, 135.
mirabilis, 135.
nelsoni subvirens, 587.
nigrescens, 135.
- Patch, Edith M., review of her 'Bird Stories,' 475.
- Pearson, T. Gilbert, Aramus vociferus and Branta canadensis canadensis in Florida, 599; notes on the bird-life of southeastern Texas, 513-523.
- Pelecanus erythrorhynchos, 515.
occidentalis, 515, 597.
- Pelican, Brown, 515, 597.
White, 515.
- Pelicinias zeylonus planus, 292.
- Pelidna alpina sakhalina, 111, 124, 273.
- Penard, Thomas E., see Bangs, Outram.
- Peneoenanthe, 296.
- Peneothello, 143.
- Penguin, Adelie, 284.
- Pennsylvania, birds of, 138, 269, 295, 606.
- Penthestes atricapillus atricapillus, 325, 564.
carolinensis carolinensis, 381.
gambeli gambeli, 564.
hudsonicus hudsonicus, 119.
h. littoralis, 55, 467, 468, 589.
h. nigrescens, 55.
- Pernohierax, 141, 311.
- Perdix perdix, 466.
p. perdix, 332.
- Perisoreus canadensis albescens, 267.
c. barbouri, 267.
c. capitalis, 558.
- Pernie, Miles D., Brown Pelican in Oswego County, N. Y., 597; Jaeger at Sandy Pond, Oswego Co., N. Y., 597.
- Peru, birds of, 141, 298, 611, 615.
- Peters, James L., a review of the Grackles of the genus *Holocurus*, 435-453.
- Petrel, Juan Fernandez, 000.
Lesson's, 527.
Long-winged, 531.
Mottled, 527.
Neglected, 527.
Snowy, 527.
Storm, 330.
White-chinned, 527, 531.
Wilson's, 329, 527, 583.
- Petrochelidon albifrons albifrons, 260.
a. hypopelia, 267.
lunifrons lunifrons, 260.
- Petrophila erythrogaster, 487.
rufiventris, 487.
- Pewee, Western Wood, 556.
Wood, 258, 378.
- Phaeoæetus, 140, 311.
- Phalacrocorax auritus auritus, 375, 597.
a. floridanus, 253.
carbo americanus, 268, 329.

- Phalacrocorax c. carbo, 268.
 pelagicus pelagicus, 268.
 p. robustus, 268.
 vigua mexicanus, 522.
- Phalarope, Northern, 111.
 Wilson's, 111.
- Pheasant, Ring-necked, 480.
- Philippines, birds of the, 131, 615.
- Phillips, John C., Blue Goose
 (*Chen caerulescens*) in Massachusetts, 271; Massachusetts geese, 272.
- Philohela minor, 111, 376.
- Phloeotomus pileatus pileatus, 257, 378.
 p. abieticola, 555.
- Phlogaenas tristigmata, 476.
- Phoebe, 258, 378, 465.
 Say's, 586.
- Phoenicopterus andinus, 342.
- Phoenicurus phoenicurus phoenicurus, 337.
- Phonygammus neumannni, 150.
- Phrenopicus borealis, 257.
- Phyllastrephus flavicollis, 143.
- Phylloscopus collybita collybita, 337.
 trochilus trochilus, 337.
- Pica pica hudsonia, 276, 558.
 p. pica, 335.
- Picidae, abbreviated primaries in, 531-552.
- Picoides arcticus, 124, 383, 467, 554, 609.
 americanus americanus, 274, 283.
 a. fasciatus, 555.
- Picolaptes, 299.
- Picus awokera *takatsukasae*, 576.
 a. horii, 576.
 myrmicophoneus, 310.
 striolatus, 310.
 viridis virescens, 334.
 v. viridis, 538.
- Picus vittatus lineatus, 614.
- Piezorhynchus, 475.
- Pigeon, Passenger, 274, 456, 477, 523-527.
 Red-billed, 519.
 Wood, 333.
- Pinicola enucleator flammea, 129.
 e. leucura, 592.
- Pintail, 584.
- Pipilo erythrorthalmus allenii, 260.
 e. erythrorthalmus, 379.
- Pipit, 380, 468.
 Meadow, 337.
 Tree, 337.
- Piranga erythromelas, 379.
 ludoviciana, 560.
 rubra rubra, 260, 379.
- Pisobia maculata, 111, 124.
 minutilla, 111.
 fuscicollis, 111.
- Planesticus migratorius migratorius, 125, 230, 381, 464, 589.
 m. propinquus, 565.
- Pleciodryas, 143.
- Plegadis guarauna, 522.
- Ploceus aureonucha, 148.
 cucullatus, 143.
 epipolius, 150.
 holomelas, 148.
 pondoensis, 150.
 quilimanensis, 150.
- Plover, Black-bellied, 111.
 Golden, 111.
 Piping, 111, 600.
 Semipalmated, 111.
 Upland, 126.
 Wilson's, 522.
- Podargus, 148.
- Podiceps infuscatus, 153.
 holboelli, 79.
 rubicollis major, 79.
- Poecilodryas, 143.
 sigillata, 143.
- Poliospiza angolensis deserti, 150.
 gularis, 143.

- Polish National Museum, 499.
Polioptila caerulea caerulea, 120,
263, 381.
Polyborus cheriway, 523.
 latebrosus, 297.
Pooecetes gramineus gramineus,
379, 587.
Poole, E. L., impressions of bird-
life in France, 329-340.
Porto Rico, birds of, 296.
Porzana carolina, 255, 467.
 cinereiceps, 311.
Pratincola rubetra rubetra, 339.
 torquata rubicola, 339.
Prinia melba, 143.
 mistacea gaueri, 292.
 mystacea, 143.
Procellaria aequinoctialis, 527, 531.
Progne subis subis, 125, 260, 379.
Proseisura, 307.
Protonotaria citrea, 380, 593.
Prunella modularis modularis, 337.
Psaroglossa spiloptera, 147.
Pseudochloris auriventris, 483.
Pseudosicalis, 483.
Psophia crepitans, 81.
Pterodroma externa, 527.
 inexpectata, 527.
 lessoni, 527.
 macroptera, 531.
 neglecta, 527.
Ptilopachus petrosus, 143.
 p. butleri, 143.
 p. ladoensis, 143.
Puffin, 329.
Puffinus assimmlis, 265.
 a. l'herminieri, 265.
 carneipes, 527.
 creatopus, 527.
 gravis, 329, 527.
 griseus, 268.
 g. chilensis, 268.
 g. stricklandi, 268.
 l'herminieri, 265.
Puffinus opisthomelas, 528.
 tenuirostris, 527.
Pyenorhinus, 143.
 barbatus nigeriae, 483.
Pyriglena leuconota hellmayri, 144.
Pyrocephalus rubineus mexicanus,
523.
Pyrrhula pyrrhula pyrrhula, 336.

QUEBEC, birds of, 26-44, 108, 126,
185-202, 270, 271, 606, 607, 609.
Querquedula discors, 268, 253, 376.
 d. albinucha, 268.
Quiscalus quiscula aeneus, 378, 465
 q. aglaeus, 259.
 q. quiscula, 259.

RAIL, Black, 52, 56.
 King, 255, 281, 584.
 Louisiana Clapper, 455.
 Virginia, 281.
Rallus crepitans saturatus, 455.
 elegans, 255, 281, 584.
 flaviventris, 141, 311.
 longirostris helius, 265.
 l. insularum, 265.
 virginianus, 281.
Ramphocelus carbo centralis, 298.
Raven, 568.
 Northern, 57, 121.
Recurvirostra americana, 110.
Redbreast, 339.
Redhead, 467.
Redpoll, 121.
Redstart, 262, 337, 380, 465, 478,
563, 610.
Red-tail, Western, 554.
Redwing, 340.
 Vera Cruz, 523.
Regerhinus uncinatus uncinatus,
363.
Regulus calendula calendula, 263,
381, 564.
 cristatus, 152.

- Regulus regulus regulus, 339.
 satrapa olivaceus, 129, 564.
 s. satrapa, 468.
- Reichenow, Anton, retirement of, 499.
- 'Revue Francaise d'Ornithologie,' reviewed, 148, 485, 620.
- Rhinebeck Bird Club, notice of 'Yearbook' of, 479.
- Rhipidura rufiventris tiandu, 292.
- Rhode Island, birds of, 69, 77, 417-421, 594.
- Rhopochares cochabambae, 298.
- Ridgway, Robert, notice of his 'Diagnoses of Some New Genera Birds,' 140.
- Riley, J. H., note on the name Gazzola Bonaparte, 458; notice of his 'Four New Birds from Celebes,' 476; notice of his 'Five New Genera of Birds,' 476.
- Riparia longicauda, 143.
 paludicola, 143.
 riparia, 125, 560.
 riparia riparia, 337.
- Road-runner, 523.
- Robin, 51, 125, 230, 263, 285, 263, 381, 464, 589, 610.
 Western, 565.
- Rogers, Charles H., Arkansas Kingbird in New Jersey, 114; Piping Plover breeding in New Jersey, 600.
- Rook, 335.
- Rostrhamus sociabilis, 256.
- Rothschild, Lord, notice of, his 'Birds of Yunnan,' 614.
- Rupornis magnirostris magnirostris, 362.
 leucorrhœa, 362.
- Rutledge, Archibald, Nonpareil in Pennsylvania, 606.
- Rynchops melanura intermedia, 153.
- Rynchops nigra, 522.
- SAHARA, birds of the, 615.
- Salpinctes obsoletus obsoletus, 563.
- St. Thomas, birds of, 461.
- Sanderling, 111, 273.
- Sandpiper, Buff-breasted, 600.
 Common, 332.
 Least, 111.
 Pectoral, 11, 52, 124.
 Purple, 585.
 Red-backed, 111, 124, 273.
 Semipalmated, 52, 111, 124.
 Solitary, 52, 111, 121, 376.
 Spotted, 111, 376, 465, 553.
 Stilt, 111.
 Western, 111.
 White-rumped, 111.
- Sapsucker, Red-naped, 555.
 Williamson's, 555.
- Yellow-bellied, 257, 378, 535.
- Saunders, Aretas A., the song periods of individual birds, 283; review of his 'A Distributional List of the Birds of Montana,' 290.
- Sayornis phoebe, 258, 378, 465.
 sayus, 586.
- Scardafella inca, 523.
- Schorger, A. W., an attack on live stock by Magpies (*Pica pica hudsonia*), 276.
- Sclater, W. L., notice of his 'Aves' in the *Zoological Record*, 141.
- Sclater, W. L., and Mackworth-Praed, C., review of their 'A List of the Birds of the Anglo-Egyptian Sudan,' 142.
- Scolopax celebensis, 476.
 coelestis, 266.
 gallinula, 266.
- Scoville, Samuel, Jr., review of his 'Everyday Adventures,' 138.
- Seisura, 475.
 inquieta rogersi, 475.

- Seiurus aurocapillus, 262.
 noveboracensis notabilis, 562,
 589.
 n. noveboracensis, 262.
 motacilla, 465.
- Serinus canarius polonicus, 144.
 dorsostriatus, 150.
 icterus songaei, 150.
 intensitinctus, 150.
 mosambicus, 143.
- Setochalcis vocifera, 258,
- Seton, Ernest Thompson, early
bird-banding, 611.
- Setophaga ruticilla, 262, 380, 563.
- Setosura setosa davidi, 296.
 macgillivrayi, 296.
- Shearwater, Black-vented, 528.
 Great, 527.
 Greater, 329.
 Sooty, 527.
 Flesh-footed, 527.
 Cooper's, 527.
 Slender-billed, 527.
- Sherman, Althea R., the Bohemian
Waxwing in Iowa in vast num-
bers, 278.
- Shoveller, 52, 56, 584.
- Shrike, Loggerhead, 261, 279.
 Migrant, 52, 379, 587.
 Red-backed, 337.
 Woodchat, 337.
- Shufeldt, R. W., obituary of Nelson
R. Wood, 159; notice of his
bibliography, 141; notice of his
'Published Figures of the Pas-
senger Pigeon,' 477.
- Sialia currucoides, 565.
 mexicana occidentalis, 565.
 sialis sialis, 263, 381.
- Sillway, P. M., review of his
'Guide to the Summer Birds of
Bear Mountain and Harriman
Sections of the Palisades Inter-
state Park,' 135.
- Siphia obscura, 307.
- Siptornis punensis cuchacancharae,
 298.
- Siskin, Pine, 121, 559.
- Sitta canadensis, 563.
 carolinensis carolinensis, 263,
 381.
 c. nelsoni, 563.
 curvirostris, 267.
 europaea caesia, 338.
 e. szolcmani, 144.
 pygmaea pygmaea, 564.
 pusilla, 263.
- Sittasomus aequatorialis, 113.
 amazonus, 113.
 cearensis, 113.
 chapadensis, 113.
 erithacus, 113.
 griseus griseus, 113.
 g. phelpsi, 113.
 g. virescens, 113.
 sylviooides jaliscensis, 113.
 s. levis, 113.
 s. sylviooides, 113.
- Skimmer, Black, 522, 595.
- Skylark, 334.
- Smith, Lester W., records of inter-
est from Meriden, Conn., 467.
- Smith, Wendell P., some unusual
bird records for northern Ver-
mont, 467.
- Snipe, Wilson's, 55, 111, 255, 376,
 609.
- Solitaire, Townsend's, 565.
- Somateria mollissima islandica, 268.
 m. mollissima, 268.
- Somateria spectabilis, 270, 454.
- Sora, 255, 467.
- South America, birds of, 297.
- 'South Australian Ornithologist,
The,' revised, 148, 309, 484, 620
- South Carolina, birds of, 121-123,
 273, 278, 462, 609.
- South Dakota, birds of, 616.
- Sparrow, Acadian Sharp-tailed, 587.
 Chipping, 231, 379, 587.

- Sparrow, Clay-colored, 124.
 English, 244-250, 379, 465,
 468, 605.
 Field, 283, 379.
 Fox, 56, 379.
 Gambel's, 559.
 Grasshopper, 115, 259, 592
 Harris', 123, 124, 609.
 Hedge, 337.
 Henslow's, 592.
 House, 335.
 Ipswich, 277.
 Lark, 379, 592.
 Lincoln's, 58, 125, 609.
 Mountain Song, 560.
 Nova Scotia Song, 587.
 Savannah, 125, 259.
 Seaside, 135, 605.
 Sharp-tailed, 604.
 Song, 230, 231, 260, 284, 370,
 465.
 Swamp, 125, 260, 379.
 Tree, 56.
 Vesper, 284, 379, 587.
 Western Chipping, 559.
 White-crowned, 56, 468.
 White-throated, 123, 236, 260,
 285, 379, 465, 609
 Wood, 335.
Spatula clypeata, 56, 584.
 Speck, Frank G., notice of his
 'Bird-Lore of the Northern In-
 dians,' 478.
Spermophilus castaneiventris, 488.
homochroa, 488.
Spermospiza guttata, 487.
pustulata, 487.
Sphyrapicus, 535.
ruber ruber, 546.
thyroideus, 546, 555.
varius varius, 257, 378, 545.
v. nuchalis, 546, 555.
Spinus pinus, 121, 559.
Spiza americana, 1-26, 163-184, 523,
 593.
Spizella pallida, 124.
passerina arizonae, 559.
p. passerina, 231, 379, 587.
pusilla pusilla, 379.
Spizotornis parulus patagonicus,
 298.
 Spoon-bill, Roseate, 516.
Sporophila longipennis, 488.
gutturalis roraimae, 488.
Squatarola squatarola, 111.
s. hypomela, 266.
 Starling, 282, 294, 335, 604.
Steganopus tricolor, 111.
Stelgidopteryx serripennis, 560.
Stellula caliope, 556.
 Stephens, T. C., Magpies and live
 stock, 459.
Stercorarius longicaudus, 265.
parasiticus, 597.
Sterna antillarum, 522, 596.
caspia, 515.
hirundo, 453.
macroura, 329.
maxima, 514.
sandvicensis acuflavida, 514.
*Stigmatopelia senegalensis sudan-
 ensis*, 143.
 Stilt, Black-necked, 522.
 Stoddard, H. L., Some old sh^{oe}
 bird records for the Chicago
 area, 110; female Bay-breasted
 Warbler, in male plumage, 117.
 Stone, Witmer, King Eider (*Soma-
 teria spectabilis* in Pennsylvania,
 270; the proper name of the
 Pine Warbler, 280; an anony-
 mous work of John Cassin, 286;
 some birds of Pine Mountain,
 Kentucky, 464; fish-catching by
 the Black Skimmer, 595.
 Stonechat, 339.
Streptoceryle alcyon alcyon, 257.
Streptopelia turtur turtur, 333.
 Stresemann, Erwin, personal men-

- tion, 499; notice of his 'Wood-peckers of Sumatra,' 614.
Strix varia allenii, 257, 377.
 v. varia, 000.
Sturnella magna argutula, 259.
 m. hoopesi, 523.
 m. magna, 378.
 neglecta, 558.
Sturnus vulgaris, 282.
 vulgaris vulgaris, 335.
Sumatra, birds of, 614.
Swallow, 337.
 Bank, 125, 560.
 Barn, 260.
 Cliff, 260, 619.
 Northern Violet-green, 560.
 Rough-winged, 465, 560.
 Tree, 261, 465, 560.
Swift, 334.
Swift, Chimney, 275, 378.
 Vaux's, 556.
Swan, Mute, 273, 479.
 Whistling, 272, 273, 584
Swann, H. Kirke, notes on a collection of Accipitres from the Merida district, W. Venezuela, 357-364.
Swarth, H. S., review of his 'Revision of the Avian Genus Passerella,' 133; review of his 'Birds of the Papago Saguaro,' 293; personal mention of, 498.
Sylvia communis communis, 339.
 c. volgensis, 144.
 hortensis hortensis, 339.
Sylvietta, 143.
 ladoensis, 150.
 leucophrys chloronota, 292.
 zedlitzii, 150.
Syrrhaptes paradoxus, 151.

TACHYGINETA thalassina lepida, 560.
Tanager, Scarlet, 379, 465
 Summer, 260, 379, 465.
Tanager, Western, 560.
Teal, Blue-winged, 52, 253, 376, 583.
 Green-winged, 583.
Telmatodytes palustris iliacus, 263, 589.
Tern, Arctic, 329.
 Black, 522.
 Cabot's, 514.
 Caspian, 514.
 Common, 453.
 Gull-billed, 000.
 Least, 522, 596.
 Royal, 000.
Terpsiphone batesi, 476.
Terrill, L. McI., the Grasshopper Sparrow in the Montreal district, 115.
Texas, birds of, 513-523.
Textor, 487.
Thalassarche culminata culminata, 265.
 chrysostoma, 265.
Thalassidroma pelagica, 330.
Thalassoica antarctica, 527.
Thayer, John E., and Bangs, Outram, the Black-backed Kamchatkan Wagtail, (*Motacilla lugens*), in Alaska, 460.
Thinocorus peruvianus, 483.
 rumicivorus boliviensis, 483.
 r. venturii, 483.
Thoms, C. S., see Over, W. H.
Thrasher, Brown, 231, 234, 285, 380, 468.
 Curved-billed, 523.
 Sennett's, 523.
Thripobrotus, 299.
Thrush, Bicknell's, 589.
 Gray-cheeked, 55, 59.
 Hermit, 235, 263, 381, 432-435.
 Mistle, 340.
 Northern Varied, 565.
 Olive-backed, 565.
 Russet-backed, 123.

- Thrush, Song, 340.
 Willow, 463.
 Wood, 284, 468, 610.
- Thryocrex, 141.
 b. ariboreus, 268.
- Thryomanes bewicki bewicki, 117,
 381, 263.
 b. cerroensis, 267.
 cerroensis, 267.
- Thryothorus ludovicianus ludovici-
 anus, 381, 467.
 l. miamensis, 262.
- Tiga javanensis, 534, 544.
- Titmouse, Black-crested, 523.
 Blue, 338.
 Great, 338.
 Marsh, 338.
 Plain, 131.
 Tufted, 263, 381, 463, 465, 594.
- Todd, W. E. Clyde, notice of his
 'Descriptions of Apparently New
 South American Birds,' 297.
- 'Tori', reviewed, 310.
- Totanus flavipes, 111, 255.
 melanoleucus, 111, 255, 598.
- Towhee, 284, 379, 465.
 White-eyed, 260.
 Green-tailed, 278.
- Townsend, Charles W., an Arkansas
 Kingbird (*Tyrannus verticalis*)
 at Ipswich, Massachusetts, 113;
 note on the breeding of the Semi-
 palmated Plover (*Aegialitis semi-
 palmatus*) in Nova Scotia, 601.
- Toxostoma curvirostre curvirostre,
 523.
 longirostre sennetti, 523.
 rufum, 231, 234, 380, 468.
- Trichoglossus aberrans, 150.
- Tringa canutus, 111.
- Troglodytes aedon aedon, 231-233,
 237-244, 381.
 a. parkmani, 563.
 troglodytes troglodytes, 338.
- Tryngites subruficollis, 600.
- Tschagra senegala, 143.
 Turdinus tanganjicae, 150.
 Turdoides polioplocamus, 297.
 Turdus aliciae bicknelli, 000.
 brunneus, 433.
 fumigatus caparo, 292.
 fuscescens salicicola, 463.
 guttata pallasi, 235, 263, 381,
 434.
- joiceyi, 483.
 merula merula, 340.
 musicus, 340.
 mustelina, 468.
 obscurus buturlini, 144.
 obsolitus parambanus, 292.
 philomelus philomelus, 340.
 pondoensis, 149.
 solitarius, 433.
 ustulata swainsoni, 434.
 u. ustulata, 123.
 viscivorus, 144, 150.
 v. jubilaeus, 150, 151.
 v. viscivorus, 340.
- Turkey, Florida, 255.
 Wild, 376, 465.
- Turnstone, Ruddy, 111.
- Turtur afra mearnsi, 143.
 capricola suahelicus, 486.
 kafuensis, 486.
 lagونensis, 486.
- Tyler, Winsor M., obituary of
 Walter Faxon, 157.
- Tympanuchus americanus ameri-
 canus, 112.
- Tyrannus curvirostris, 267.
 dominicensis, 258, 267.
 melancholicus, 298.
 tyrannus, 258, 457, 556.
 verticalis, 113, 114, 458, 603.
- Tyto alba alba, 333.
 a. pratincola, 256, 282.
 cavatica, 297.
- URIA troile, 329.
- Urner, Charles A., unusual visitors

- at Elizabeth, N. J., 120; Whistling Swan, a correction, 273; notes of the Starling, 459; Egret and Little Blue Heron at Elizabeth, N. J., 598; Short-eared Owl nesting at Elizabeth, N. J., 602.
Urocynchramus pylzovi, 150.
Utah, birds of 276.
- VAN OORT, E. D., notice of his 'Ornithologia Neerlandica,' 296.
Vanellus vanellus, 332.
Venezuela, birds of, 297, 357-364.
Vermivora celata celata, 58, 261, 280, 462.
 chrysoptera, 607.
 lawrencei, 467, 588.
 leucobronchialis, 467, 310, 588.
 pinus, 122, 593.
 peregrina, 588.
 ruficapilla, *ruficapilla*, 125, 281, 326.
Vermont, birds of, 68, 73-76, 77, 421-422, 467.
Verreauxia africana, 534.
Vireo, Bell's, 523.
 Blue-headed, 261, 587.
 Cassin's, 561.
 Key West, 261.
 Philadelphia, 26-44, 53, 185-202, 607.
 Red-eyed, 261, 380, 561.
 Warbling, 53, 261, 323, 380.
 Western Warbling, 561.
 White-eyed, 261, 380, 465.
 Yellow-throated, 380.
Vireo bellii belli, 523.
 griseus griseus, 261, 380.
 g. maynardi, 261.
Vireosylva, *gilva* *gilva*, 261, 323, 380.
 g. swainsoni, 561.
 olivacea, 261, 380, 561.
 philadelphica, 26-44, 185-202, 607.
Virginia, birds of, 269, 282, 458, 598.
Vultur gryphus gryphus, 357.
Vulture, Black, 256, 377, 520, 610.
Turkey, 255, 377, 465, 554, 585, 601.
Wagtail, Yellow, 337.
White, 337.
Warbler, Aquatic, 339.
 Audubon's, 562.
Bay-breasted, 52, 117, 126, 588.
Black and White, 261, 380, 588, 609, 610.
Black-poll, 51, 53.
Black-throated Blue, 261, 609.
Black-throated Green, 126, 380, 465, 610.
Blackburnian, 51, 52, 325, 465, 588, 610.
Blue-winged, 122, 593.
Brewster's, 467, 588.
Canada, 125, 589.
Cape May, 52, 53, 117, 126, 467, 588.
Cerulean, 380.
Chestnut-sided, 52, 465, 588.
Connecticut, 593.
Garden, 339.
Golden-winged, 607.
Hooded, 593.
Kirtland's, 116.
Lawrence's, 467, 588.
Macgillivray's, 562.
Magnolia, 51, 588, 610.
Myrtle, 56, 235, 261, 380, 465.
Mourning, 126, 589.
Nashville, 51, 52, 125, 261, 326.
Newfoundland Yellow, 588.
Orange-crowned, 58, 261, 280, 462.
Palm, 262, 589.
Parula, 261.
Pileolated, 563.
Pine, 261, 281, 589.
Prairie, 122, 262.

- Warbler, Prothonotary, 380, 593.
 Sedge, 339.
 Sycamore, 462.
 Tennessee, 51, 53, 588, 610.
 Townsend's, 562
 Western Parula, 380.
 Wilson's, 53, 125.
 Worm-eating, 465, 588.
 Yellow, 380, 561.
 Yellow-throated, 261.
 Warren, B. H., Dovekie (*Alle alle*) at Wallop's Island, Va., 269.
 Washington, 203-217.
 Waterhouse, Frederick Herschel, obituary notice of, 496.
 Water-Thrush, 262.
 Grinnell's, 562, 589.
 Louisiana, 465.
 Water-Turkey, 253, 522.
 Waxwing, Bohemian, 59-78, 278, 561.
 Cedar, 59, 261, 379, 465, 561.
 Wayne, Arthur T., notes on five birds taken near Charleston, South Carolina, 121-123; the Whistling Swan (*Olor columbianus*) on the coast of South Carolina, 272; the Green-tailed Towhee (*Oberholseria chlorura*) on the coast of South Carolina, 278; the Loggerhead Shrike (*Lanius ludovicianus ludovicianus*) seen killing a large bird, 279; the Sycamore Warbler (*Dendroica dominica albiflora*) on the coast of South Carolina, 462; albinism in the Sharp-tailed Sparrow (*Passerherbulus caudacutus*), 604.
 West Indies, birds of, 435-453, 461.
 Wetmore, Alexander, notice of his 'Five New Species of Birds from Cave Deposits in Porto Rico,' 296; review of his 'Wild Ducks and Duck Foods of the Bear River Marshes, Utah,' 479; personal mention, 498.
 Wheatear, 340.
 Whip-poor-will, 258, 465.
 Whitethroat, 339.
 Whitman, F. N., review of his 'Familiar Studies of Wild Birds,' 142.
 Whittle, Charles L., sociable Water Ouzels, 118.
 Whittle, Helen Granger, domesticated Ipswich Sparrow (*Passerculus princeps*), 277; Orange-crowned Warbler in Boston in mid-winter, 280.
 Widgeon, European, 583.
 Willet, 255, 466.
 Western, 111, 522.
 Willett, George, ornithological notes from southeastern Alaska, 127-129.
 'Wilson Bulletin, The,' reviewed, 146, 482.
 Wilson, Etta S., Hooded Warbler (*Wilsonia citrina*) on Belle Isle, Detroit, Mich., 281; King Eider (*Somateria spectabilis*) in Michigan waters, 454.
 Wilson, Gordon, a crowd of hummers, 275; a bagworm plague, 285.
Wilsonia canadensis, 125, 589.
 citrina, 281, 380, 463, 593.
 pusilla pileolata, 563.
 p. *pusilla*, 125.
 Winchat, 339.
 Witherby, H. F., review of his 'Handbook of British Birds,' 136, 475, 616; an earlier consideration of *Botaurus lentiginosus*, 455.
 Wisconsin, birds of, 456.
 Wollaston, A. F. R., review of his 'Life of Alfred Newton,' 610.
 Wood, Nelson R., obituary notice of, 159.
 Wood, Norman A., rare records

- for Ann Arbor and the State of Michigan, 282; some southern Michigan bird records, 000.
- Woodcock, 111, 376.
- Woodpecker, Alaska Three-toed, 555.
Arctic Three-toed, 124, 274, 283, 554, 609.
Batchelder's, 554.
Downy, 372, 377.
Golden-fronted, 523.
Greater Spotted, 334.
Green, 334.
Hairy, 272, 377.
Lesser Spotted, 334.
Lewis's, 555.
Ivory-billed, 257.
Mearns', 533.
Northern Pileated, 555.
Pileated, 257, 378, 465.
Red-bellied, 235, 257, 372, 378, 610.
Red-cockaded, 257.
Red-headed, 372, 378, 466, 468, 533, 586.
Rocky Mountain Hairy, 554.
Southern Downy, 257, 379.
Southern Hairy, 257, 377.
Texas, 523.
Three-toed, 274, 283.
White-headed, 533.
- Wren, 338.
 Bewick's, 117, 381.
 Carolina, 381, 465, 467.
 Florida, 262.
 House, 53, 231-233, 237-244, 381.
 Prairie Marsh, 263, 589.
 Rock, 563.
 Short-billed Marsh, 55, 594
 Western House, 563.
- Wren, Western Winter, 563.
 Winter, 381, 589.
- XANTHOURA luxuosa glaucescens, 523.
- Xenopus albolarvatus albolarvatus, 538.
- Xiphidiopicus percussus, 533.
 p. percussus, 544.
- Xiphorhynchus, 299.
- YELLOWLEGS, 52, 111, 255.
 Greater, 111, 255, 598.
- Yellow-throat, Florida, 262.
 Maryland, 284, 380.
 Western, 562.
- Yunan, birds of, 614.
- Yungipicus kizuki kizuki, 576.
 k. matsudairai, 576.
- ZAMELODIA ludoviciana, 260.
 melanocephala, 560.
- Zenaidura macroura carolinensis, 377, 523.
 m. marginella, 554.
- Zonotrichia albicollis, 123, 236, 260, 379.
 leucophrys gambeli, 559.
 l. leucophrys, 468.
 querula, 123, 124, 609.
- Zosterops intermedia periplecta, 292
- Wright, Horace W., Bohemian Waxwing (*Bombycilla garrula*) in New England, 59-78; the Mockingbird in the Boston region and in New England and Canada, 382-432.
- Wryneck, 334.
- Wyman, L. E., a very late record of the Passenger Pigeon, (*Ectopistes migratorius*), 274.