

Anomalies and Individual Variations in Birds. By E. Anfrie.— Continued in October.

Contribution to a Study of the Changing Habitats of Shore Birds. By M. R. Deschiens.— Continued in October.

Ardea. VI, No. 2. August, 1917. [In Dutch.]

Leguatia gigantea. By A. C. Oudemans.— An extended account of this extinct species.

Messenger Ornithologique. VII, No. 2. [In Russian.]

On the Birds of the Far East. By S. A. Buturlin.— Continued.

Preliminary List of Birds Observed in the Sochi District of the Black Sea Province. By A. Koudashev.

Alauda arvensis kibortii subsp. nov. By I. M. Zaliesski (p. 125).

Ornithological Articles in Other Journals.

Macnamara, C. The Purple Martin. (*Ottawa Naturalist*, August-September, 1917.)— A detailed study of a colony, at Arnprior, Ont.

Millais, J. G. Brent Geese in Scotland. (*Scottish Naturalist*, September, 1917.)

Clarke, W. Eagle. Wild Life in a West Highland Deer Forest. (*Ibid.*, November, 1917.)

Beck, Rollo H. Bird Photographing on the Falkland Islands. (*American Museum Journal*, November, 1917.)— A wonderful series of pictures of Penguins, Gulls, Cormorants, Albatrosses and Sheath-bills taken by Mr. Beck, while collecting sea birds for the Brewster-Sanford Collection at the American Museum of Natural History.

Crandall, Lee S. Our Emu Family. (*Zool. Soc. Bulletin*, September, 1917.)— Account of the Emus in the New York Zoo.

Crandall, Lee S. The Australian Bird Collection. (*Ibid.*)

Burge, W. E. Comparison of the Catalase Content of the Breast Muscle of Wild Pigeons and of Bantam Chickens. (*Science*, November 2, 1917.)— Energy for muscular work is generally conceded to be derived from oxidation of food materials. Catalase is an enzyme which liberates oxygen from hydrogen peroxide. The investigation here described showed that the breast muscles of the pigeons which were accustomed to extensive flight liberated far more oxygen than did those of the Bantams which were unaccustomed to flight, while in Pigeons kept in confinement the amount of catalase decreased. This would indicate that catalase "may play a rôle in the oxidative processes of the body." As is frequently the case with those not interested in systematic zoölogy Mr. Burge gives one no idea what his "wild pigeons" may have been. They were certainly not the bird popularly known by that name.

McMahon, Walt F. The Protection of America's Bird Life. (*Forest and Stream*, November, 1917.)

Oberholser, H. C. Diagnosis of a New Pycnonotine Family of Passeriformes. (*Jour. of the Washington Academy of Sciences*, VII, No. 17.)—

Irenidæ, fam. nov. *Glaucomorpha* (p. 53) gen. nov. for *Irena cyanea*; *G. c. megacyanea* (p. 540) subsp. nov. from Pulo Tuanku, Banjak Islands.

Curtis, W. P. The coloration Problem II [*Picus* et al.]. (Entom. Rec. & Jour. Variation July, 1917.)

Cookman, Alfred. The Sharp-shinned Hawk of the San Gabriel Mountains [Cal.]. (Lorquinia, II.)

Hartert, Ernst and Goodson, Arthur. Notes and Descriptions of South American Birds. (Novit. Zool., XXIV, pp. 410-419.) Sixteen new forms of *Cotingidæ*, *Tyrannidæ* and *Dendrocolaptidæ*.

Hartert, Ernst. *Scolopax rusticola*. (*Ibid.*, p. 437.) — Figured.

Hartert, Ernst. On the Forms of *Coturnix coturnix*. (*Ibid.* pp. 420-425.) — Three new forms among the eight recognized: *C. c. inoperata* (p. 422), Cape Verde; *C. c. confisa* (p. 423), Madeira; and *C. c. conturbans* (p. 423), Azores.

Dickinson, Mrs. W. G. Notes of an Amateur in Ceylon. (Bird Notes, September, 1917.)

Selous, Edmund. Sexual Selection in Birds. Breeding Habits of the Ruff. (Wild Life, August, 1917.)

FitzSimons, F. W. Our Native Birds: Their Value to Man. (The South African Journal of Science, 1916, pp. 366-372.)

King, James. Bird Life in the Midlands of Natal. (*Ibid.* pp. 362-365.)

Roberts, Austin. Ornithological Notes. (Annals of the Transvaal Museum, V, pp. 246-262.) — The following new forms are described: *Spinus symonsi* (p. 257) Basutoland—first described in a separate slip supplementary to Vol. V, No. 3, January 1916. *Mirafra africanoides harei* (p. 258), Windhuk, Demereland; *Phyllastrephus terrestris rhodesiæ* (p. 258), Machile River, N. W. Rhodesia; *Andropadus importunus noomei* (p. 259), Hænertsburg, N. E. Transvaal.

Roberts, Austin. Descriptions of a New Species and Genus of Flycatchers from East Africa, and two New Subspecies of Guinea Fowls from South Africa. (*Ibid.* VI, pp. 1-3.)—*Chloropetella* (p. 1); *C. suahelica* (p. 1), Myiai, German East Africa; *Numida papillosa damarensis* (p. 2), Windhuk, S. W. African Protectorate; *Guttera edouardi symonsi* (p. 3), Karkloof, Natal.

Mazza, F. On the Capture of two birds unusual in the Province of Rome in 1916. (Boll. Soc. Zool. Ital. XII, pp. 191-197.) [In Italian.]

Jungersen, Hector F. E. Two Cases of *Pseudohermaphroditism* in Male Pigeons (*Columba domestica*) (Videnskabelige Meddelel. Kjtbenham, LXVIII, pp. 7-22). [In English.]

Publications Received.—**Anderson**, R. M. Recent Explorations on the Canadian Arctic Coast. (Geographical Review, IV, No. 4, pp. 241-266, October, 1917.)

Beebe, William, Hartley, G. Inness, and Howes, Paul G. Tropical-Wild Life in British Guiana. Vol. I. N. Y. Zoölogical Society, 1917, 8vo, pp. 1-504, numerous illustrations. Price, \$3.00.

Bergtold, W. H. The Birds of Denver. An Annotated List. (Wilson Bull., No. 100, pp. 113-129, September, 1917.)