

chus (p. 2) for *Leucopternus princeps*; *Percnohierax* (p. 2) for *Falco leucorrhous* Q. & G.; *Hapalocrex* (p. 3) for *Rallus flaviventris*; *Linnocrex* (p. 3) for *Porzana cinereiceps* Lawr. and *Thryocrex* (p. 4) for *Corethrura rubra* Sel. & Salv.—W. S.

**Murphy on the Peruvian Guano Birds.**—In the third of his series of papers<sup>1</sup> on 'The Seacoast and Islands of Peru,' Dr. Robert Cushman Murphy describes his trip from Callao to the Guano Islands. He also outlines the history of the Guano industry and describes its present condition, concluding with a brief account of the several birds which form the great colonies on the islands. Quoting from Dr. F. A. Lucas who visited the islands in 1869, Mr. Murphy states that even at that time they had been swept clear of guano birds and that no sign of the streaming flocks was to be seen. By the close of the nineteenth century the birds had been so reduced that it was hardly thought possible that they could be saved and the industry revived. Happily however during the past twelve years, thanks to an intelligent administration and the expert advice of two foreigners, Dr. Henry O. Forbes and Dr. Robert E. Coker, the wonderful colonies have been restored and a most valuable industry has been placed upon a permanent basis. A large number of excellent illustrations from photographs by the author accompany the account.

In another recent paper<sup>2</sup> Mr. Murphy has described the Zoological garden at Lima, Peru and presented a number of illustrations of the birds and mammals which are there exhibited.—W. S.

**Dr. Shufeldt's Bibliography.**—The ninth and final instalment of the list of Dr. Shufeldt's published writings<sup>3</sup> has appeared bringing the total number of titles, up to the time of going to press, to 1565. He states, however, that his production of papers is going on as rapidly as ever, which, judging from the bibliography, means from thirty to fifty per year, so that in order to keep the list up to date he proposes to issue the first supplement about March, 1921.—W. S.

**Aves in the Zoological Record—1918.**—Once more we are indebted to Mr. William Lutley Selater for the compilation of this invaluable bibliography of ornithology, without which systematic work on birds would be involved in hopeless complications.<sup>4</sup> The titles which he has collected number 937 as against 707 for 1917. A number of titles not available during the past few years on account of war conditions are incorporated here so that the record may eventually be complete. Ober-

<sup>1</sup> The Seacoast and Islands of Peru—III. By Robert Cushman Murphy. Brooklyn Museum Quarterly. October, 1920.

<sup>2</sup> The Zoological Park of Lima, Peru. By Robert Cushman Murphy. Zool. Soc. Bulletin. September, 1920.

<sup>3</sup> Complete List of My Writings with Brief Biographical Notes. By Dr. R. W. Shufeldt. Ninth Instalment. Medical Review of Reviews, September, 1920. pp. 495-498.

<sup>4</sup> Aves [in the Zoological Record]. By W. L. Selater, M.A. Vol. LV, 1918, pp. 1-75. Printed for the Zoological Society of London; sold at their House in Regent's Park, London, N. W. 8. Price 6s. October, 1920.