

fowl preservation—irrigation and drainage, shooting, poisons, etc., natural enemies and oil pollution. Part III discusses conservation and Part IV sport and sportsmen—the ethics of the subject.

In addition there is an appendix listing all of the North American Ducks and Geese, with their names, breeding and winter ranges, status, and weight, while some excellent illustrations in black and white from wash drawings by Allan Brooks, show all the species as the gunner sees them—i. e. in flight.

We cannot in the short space of a review discuss the multitude of subjects presented on the pages of this interesting book but every reader will be impressed with the problem that is before both ducks and gunners if the supply of birds is to be maintained anywhere near its present numbers to say nothing of the host of birds that were present in times gone by. What with the million or more duck hunters among our seven million shooters, and upwards of eight million ducks and geese shot in the United States every year; what with the draining of marshes where the birds bred and the cultivation of vast areas in the northwest where formerly they ranged, coupled with the terrible menace of oil on sea and inland waters and the increased transportation facilities for hunters offered by automobiles and airplanes, ducks are liable to be very hard pressed and the situation deserves the most careful consideration by all.

The authors deserve the thanks of all sportsmen, naturalists and game commissions for their timely volume.—W. S.

Phillips' and Hill's 'Classics of the American Shooting Field.'—

This is a handsome volume¹ designed primarily for the sportsman but full of interesting reading for the ornithologist and nature lover. It consists of fifteen chapters on various shooting experiences by noted writers on "sport" including Thomas Doughty, editor of the famous "Cabinet," Frank Forester, John Krider, Philadelphia's noted gunsmith, T. Robinson Warren, J. J. Pringle, Hamblen Sears, Edwyn Sandys, Grover Cleveland, Nash Buckingham and Ben Ames Williams, and as an appendix, a list of some notable books on American shooting.

The authors are sportsmen in the true sense of the word who regard sport with a reverence akin to the attitude of the true ornithologist toward bird study, and their volume will find much favor with others of their kind though we regret to say that their number seems to be rapidly growing less even though the number of shooting licenses is constantly increasing. There are entirely too many mere killers abroad today and every effort toward their education as to what constitutes true sport deserves encouragement. We feel that the present volume is an effort in that direction.

¹ *Classics of the American Shooting Field. A Mixed Bag for the Kidly Sportsman 1783-1926.* Edited by John C. Phillips and Lewis Webb Hill, M.D. With a Frontispiece by Frank W. Benson And other illustrations. Boston and New York, Houghton Mifflin Company. The Riverside Press, Cambridge, 1930. Pp. i-xv + 1-215. Price \$7.50.

There is a charm about the pursuit of game with one's favorite gun and well trained dog, that cannot be equaled in the minds of many lovers of the outdoors and the varied accounts of days afield which are here presented will arouse many a memory. The numerous reproductions of old prints and etchings as well as several more modern works by Frank W. Benson, notably the colored frontispiece of the Woodcock, add greatly to the attractiveness of the book.—W. S.

Fuertes' Last Paintings.—Mr. C. Suydam Cutting has done a very gracious thing in making possible the publication by the Field Museum of a number of the paintings of African birds and mammals made by the late Louis Agassiz Fuertes on the Field Museum-Chicago Daily News Expedition to Abyssinia of which party both the artist and Mr. Cutting were members.

The entire collection of 108 paintings was purchased by Mr. Cutting, after Fuertes' untimely death, and presented to the museum and now through his further generosity a selection of thirty-two of these have been beautifully reproduced by offset lithography and issued in a portfolio as a special publication¹ of the museum.

Fuertes it is generally agreed was at the very peak of his genius when his life came to its tragic end and the wonderful pictures painted on this last trip fully confirm this opinion. Most of them are heads of the Eagles, Vultures and other large birds, in the drawing of which he took such keen delight; others represent Kingfishers, a Trogon and a Prionops, with all the delicacy of a Japanese painting and there are in addition four pictures of mammals—heads of a wolf, a baboon and a duiker and a group of baboons. There is a brief explanation of each plate on the back and each is mounted on cardboard so that it can be framed if desired. An introduction by Dr. W. H. Osgood, curator of zoology in the museum, who was leader of the expedition, explains the publication.

The portfolio makes a most suitable memorial to the artist-ornithologist and renders it possible for his friend and admirers to possess some of his very last and best work so perfectly reproduced that it is almost as satisfactory as the originals.—W. S.

Birds of the British Antarctic Expedition of 1910.—When the "Terra Nova" returned from the Antarctic she brought back the bird skins and notes prepared by Dr. E. A. Wilson, ornithologist of the expedition, who perished with Scott and others of the ill fated polar party. Owing to the subsequent death of Mr. Ogilvie Grant, who was to have prepared a report on the birds, the publication has been long delayed but now appears under the able handling of Messrs. Percy R. Lowe and N. B. Kinnear.²

¹ Abyssinian Birds and Mammals Painted from Life. By Louis Agassiz Fuertes. Published by Field Museum of Natural History, Chicago, U. S. A. Through the generosity of C. Suydam Cutting. Price \$3.00.

² British Antarctic ("Terra Nova") Expedition, 1910. Natural History Report. Zoology, IV, No. 5, pp. 103-193. Birds. By P. R. Lowe and N. B. Kinnear. With twenty-four text-figures and sixteen plates, British Museum, London, 1930. Issued July 26, 1930. Price 20 shillings.