

with the subject of North American game mammals, fur mammals, upland game birds, wild fowl and shore-birds, ranging from the Canadian Arctic to Central America and Panama, up to and including the year 1925. No article appearing in a magazine or scientific journal is included unless reprinted in separate form, while general works on birds or mammals are listed only when they contain information on game or fur bearers.

Part II of the work consists of publications on conservation including reports of the United States Government and the several States, as well as of Canada. Part III is a list of periodicals containing articles on the subjects listed above as well as many on shooting, fishing, camping etc. when pertinent.

We learn from the introduction that the preparation of this catalogue was inspired by the magnificent library on sport, and travel gathered by the late Charles Sheldon and now preserved in Yale University where it will be "cared for and enlarged as a permanent tribute to the collector." Dr. Phillips also informs us that Sheldon's enthusiasm for the preparation of the 'Catalogue' rendered his own task both easy and delightful.

Dr. Phillips has done his work well and anyone glancing over the pages will have great difficulty in detecting any omissions, while he will come upon hosts of titles of works that he never heard of before. The compiler's annotations under many of the titles are helpful and interesting, sometimes running to extended summaries of the contents. Our only suggestion for improvement would be for a little fuller citation in the case of certain journals. While full details are given for obscure publications taken usually from F. L. Burns' bibliography, data for the larger journals are often very meager. For 'The Condor,' for instance, there is no mention of an editor while the citation of 'The Auk' applies only to the very first numbers when it was published by Estes and Lauriat, in Boston.

Dr. Phillips' 'Catalogue' will be invaluable as a work of reference for all interested in sport and natural history and, although bibliographies are not generally recommended for light reading, a perusal of the titles and comments of this one will yield a store of interesting information.—W. S.

Phillips and Lincoln on 'American Waterfowl.'—In this important volume¹ is presented a mass of information on every phase of the wild duck and goose problem arranged and summarized in such a way that it is easily accessible to the reader and constitutes most interesting reading. There has been so much difference of opinion on the question of wild fowl conservation that all sportsmen and those interested in the preservation of our wild life should read this book carefully.

Part I deals with our waterfowl under three headings; breeding areas, winter areas and migration. Part II is devoted to factors adverse to water

¹ *American Waterfowl. Their Present Situation and the Outlook for their Future.* By John C. Phillips and Frederick C. Lincoln With Illustrations by Allan Brooks and A. L. Ripley. Boston and New York Houghton Mifflin Company. The Riverside Press Cambridge. 1930. Pp. 1-xv + 1-312.

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.