REPORT OF UNITRD STATES COMMISSIONERS OF FISH AND FISHERIES, 1898. Washington. 1899. Pp. 350.

This volume contains photographic illustrations of the exhibits at the Tennessee and Omaha Expositions, illustrations of the hatcheries at various points, a report of mackerel investigations, statistics regarding the yield of the numerous localities, pictures of peenliar fishes on the coast of Southern California, an ex-

the yield of the numerous localities, pictures of peculiar fishes on the coast of Southern California, an extensive report on the oyster beds of Louisiana by H. F. Moore, another report on "The Shad Fisheries" of the Atlantic coast of the United States by Charles H. Steven son, and a report of the investigations in Mississippi, Louisiana, and Texas. There are also numerous engravings of new fishes.

The Photo-Miniature, a magazine of photographic information, has just begun publication in New York city, Messra. Tennant & Ward, 280 Fourth Avenue, being the publishers and Mr. Tennant the editor. Periodical photographic literature is already so enormous that it is very hard to welcome even the little stranger to which we have referred. While we do not see the need for the publication of another photographic journal in America, we have no hesitation in saying that "Photo-Miniature" is a very handsome publication. The number is given up to an excellent treatise on lenses and is well illustrated, and the idea is, we believe, to devote an entire number to a single subject, as in the present case, where lenses are treated. The subscription price is \$2.50 per annum.