

treated will show how intimate is his knowledge of the ways of the birds whose attitudes under various degrees and kinds of excitement his photogravure plates so well depict.— J. A. A.

Grinnell's 'A Bibliography of California Ornithology.'—In his 'A Bibliography of California Ornithology,' Mr. Grinnell¹ has contributed a work of very great convenience and value, for which he is entitled to the gratitude of every ornithologist who is seriously interested in North American ornithology. The labor of compiling, from original sources, the 1785 titles this work is stated to contain can be duly appreciated only by those who have attempted to prepare a complete bibliography of any large group of animals of any considerable geographical area. The work of collecting these titles, the author tells us, was begun in 1900, and has been continued at intervals to date. The list of titles here published covers the period from 1797 to the end of the year 1907, hence eleven years more than a full century. The author states that "every title, except two or three," has been copied by him personally, and "with constant regard to preserving precise wording, spelling and punctuation." The titles are annotated where insufficient to indicate the extent or nature of the information covered by them, particularly as regards the locality, and the species included, if new or constitute important records. In case the names used are not now current, their modern equivalents are indicated. In a word, the work is compiled on the lines of the best modern models, and apparently with a completeness that leaves little to be desired. It is not to be presumed, nor is it assumed by the author, that every title that should be included has been found, since it is a recognized impossibility to attain perfection in a work of this nature. It is properly rounded out by a series of indexes — to authors, to local lists by localities, to the serial publications cited, and to the bird names mentioned, both vernacular and systematic. It is safe to say that this is the most important contribution to the bibliography of North American ornithology since the Couesian contributions of 1878–1880 set the high standard here closely followed.— J. A. A.

Mearns on Philippine Birds.—Two recent papers by Dr. Mearns deal principally with the birds of the Philippine Islands, the first relating exclusively to them, while the other records species collected by Dr. Paul Bartsch in Borneo, Guam, and Midway Island. The first² includes three

¹ Cooper Ornithological Club | of California | Pacific Coast Avifauna | No. 5 | A Bibliography of California Ornithology | By | Joseph Grinnell | A Contribution from the Museum of Vertebrate Zoology | of the University of California | [seal] Santa Clara, California | Published by the Club | May 15, 1909 — Large 8vo, pp. 1–166, Price, \$1.50.

² Additions to the List of Philippine Birds, with Descriptions of new and rare Species. By Edgar Alexander Mearns, Associate in Biology, U. S. National Museum. Proc. U. S. Nat. Mus., Vol. XXXVI, No. 1679, pp. 435–447. Published May 22, 1909.