
BOOKS RECEIVED.


SCIENTIFIC JOURNALS AND ARTICLES.

The American Naturalist for September opens with an account of 'Unusual Modes of Breeding and Development among Anura,' by Lilian V. Sampson, to which is appended a valuable bibliography of literature on the subject. 'The Intestine of Amia calva' is described by William A. Hilton, most of the paper being devoted to its microscopic structure. It would seem best not to use the term 'intestinal convolutions' where the folds of the lining only are meant since the phrase is in general use among zoologists to denote the folds of the entire intestine. Frank Russell presents some 'Studies in Cranial Variation' based on some two thousand skulls of aboriginal Americans. Part XIII. of 'Synopsis of North American Invertebrates,' by G. H. Parker is devoted to the Achnaria. It is to be presumed that this series when completed will be published in book form on account of its great value to the general zoologist as well as the student. There are the customary numerous reviews.


The first article in Bird Lore for October is on 'The Bower-birds of Australia' by A. J. Campbell, illustrated with some fine photographs of the bowers of these interesting birds. Captain Gabriel Reynaud gives the second and concluding part of his article on 'The Orientation of Birds' concluding that the power to return over long distances is due to the sense of direction located in the semi-circular canals. Mrs. Henry W. Nelson tells, with illustrations of 'A Pair of Killdeer' and Thos. H. Montgomery, Jr., describes 'The Bird Course at the Marine Biological Laboratory, Woods Holl, Mass., during the summer of 1900,' the main aim of the course being to present suggestions as to lines of work. In the section 'For Young Observers' Alick Wetmore gives an interesting sketch entitled 'My Experience with a Redheaded Woodpecker' and in the 'Notes' Caroline G. Soules relates an experiment tried by her of attaching a painted paper flower, con-