

Following out these lines the author presents a number of interesting and readable chapters describing the beauties of field and forest in his state; fishing and hunting experiences and anecdotes of white man and Indian; and through it all is brought out the necessity for united effort in cultivating a proper appreciation of nature and in saving the wild life from extermination. Beside chapters on Water-fowl and Wild Turkeys there is a 'tentative list' of the birds of Oklahoma compiled by Prof. George W. Stevens of the Northwest Normal School and Oklahoma Geological Survey, which consists of 227 species with brief notes as to the character of their occurrence. This we believe constitutes the first Oklahoma 'state list.'—W. S.

Craig on the Stimulation of Ovulation in Birds.¹—Largely from a study of pigeons the author finds that egg-laying can be induced without the true sexual stimulus and comes to the conclusion that it is the result not of a single stimulus but of a complex in which environmental conditions play an important part. He cites the mating of two female pigeons with ovulation by both, and the influence of the nest and eggs in restraining the incubating pigeon from further sexual activity, in presenting his conclusions.—W. S.

Laubmann on Birds from Thian-Schan.²—This paper is based upon a collection of 1234 skins obtained by Dr. Gottfried Merzbacher in the Thian-Schan Mts., Turkestan in 1907-8. 198 species are listed with notes as to their relationship, distribution, etc. and synonymic references to other papers dealing with the same general region, a list of which is given in a bibliography. No new forms are described, but the paper forms a valuable contribution to the ornithology of the Chinese Empire.—W. S.

Stresemann, on East Indian Birds.³—Mr. Stresemann in a recent contribution to the 'Novitates Zoologicae' continues his miscellaneous notes on Indo-Australasian birds. These are as follows, numbering continuously with his previous instalment. XIX. The forms of *Artamus leucorhynchos* (L.); *A. l. humei* subsp. n. from the South Andamans. XX, Some forms of *Hypothymis azurea* (Bodd); *H. a. symmixta* Alor Island. and *H. a. oberholseri*, Formosa, are described as new. XXI. The forms of

¹ The Stimulation and the Inhibition of Ovulation in Birds and Mammals. By Wallace Craig. Jour. Animal Behavior. May-June, 1913, pp. 215-221.

² Wissenschaftliche Ergebnisse der Reise von Prof. Dr. G. Merzbacher im zentralen und östlichen Thian Schan, 1907-8. I. Vögel. von A. Laubmann. Abh. König. Bayern. Akad. Wissensch. Math.-phys. Klasse. XXVI Band 3. Abhandl. pp. 1-105. January 11, 1913.

³ Ornithologische Miscellen aus dem Indo-Australischen Gebiet. Von Erwin Stresemann. Nov. Zool., vol. XX, pp. 289-324. June, 1913.

Die Vögel von Ball. Aus den Zoologischen Ergebnissen der II. Freiburger Molukken-Expedition. Nov. Zool., Vol. XX, pp. 325-387. June, 1913.