

PUBLICATION NOTES AND NOTICES

Animal Behavior. By Paul A. Johnsgard. Wm. C. Brown Company, Dubuque, Iowa, 1967: 6 × 9 in., x + 156 pp., 6 figs. Paper covered. \$2.25.

This is a succinct review in 13 chapters of the ethological approach to the study of behavior without unduly neglecting the physiological and psychological concepts. Throughout the book the subject of evolution remains the dominating issue, "for the behavior patterns of present-day animals are as much a product of natural selection as is their anatomy." Chapter headings include the following: Ontogeny of Vertebrate Behavior, Social Behavior, Communication, Genetics and Behavior, Ecology and Behavior, Taxonomy and Behavior, Behavioral Evolution and Speciation, and Behavioral Isolating Mechanisms. The book is written essentially for the reader with a background knowledge of general biology and evolutionary theory.

An Introduction to Animal Behavior: Ethology's First Century. By Peter H. Klopfer and Jack P. Hailman. Prentice-Hall, Englewood Cliffs, New Jersey, 1967: 6½ × 9½ in., xvi + 297 pp., a few figs. \$6.75.

A survey of ethology. From the book's jacket: "Developments in ethology up to the turn of the century are presented first. The next two chapters deal with the approaches of two different schools of thought during the period 1900-50: classical ethology and comparative psychology. Several chapters are then given to discussion of the problems that confront ethology and the disciplines on which ethology relies. The final chapters are a synthesis of the various schools' explanations of animal behavior and are directed to answering the questions of how behavior develops and is controlled in the individual, how behavior changes in a population, and how behavior is maintained in a population.

"In accordance with the authors' aim to provide a comprehensive guide to ethological literature, there are annotated bibliographies and an index of the journals in which the behavior literature appears."

Three of the most recent publications in the series, *Supplements to Behaviour*, that concern birds are listed below. All are still available from the publishers, E. J. Brill, Ltd., Netherlands, and may be purchased directly from them.

The Evolution of Social Organisation and Visual Communication in the Weaver Birds (Ploceinae). By John Hurrell Crook. 1964: viii + 178 pp., 20 pls., 14 figs., 2 diagrams, 10 tables. 30 guilders (\$8.40).

Predators and Anti-predator Behaviour of the Black-headed Gull (*Larus ridibundus* L.). By Hans Kruuk. 1964: viii + 129 pp., 18 pls., 23 figs., 30 tables. 36 guilders (\$10.08).

Ontogeny of Social Behavior in Burmese Red Junglefowl (*Gallus gallus spadiceus* Bonnaterra). By J. P. Kruijt. 1964: x + 201 pp., 25 figs., 11 tables. 28 guilders (\$7.84).

Guide des Oiseaux de la Nouvelle-Calédonie et de ses Dépendances. By Jean Delacour. Illustrated by Lloyd Sanford. Editions Delachaux & Niestlé, Neuchatel, Switzerland, 1966: 5½ × 8¼ in., 172 pp., 4 col. pls., 54 bl. and wh. line drawings. \$6.00 (Copies may be purchased from the publisher in Neuchatel, Switzerland, or at 32 rue de Grenelle, 75 Paris VII.)

An invaluable guide to the birds of New Caledonia and the Loyalty Islands. Of the 116 species briefly described and discussed, 18 are illustrated in color and 54 in black and white. New Caledonia's most unique endemic species, the flightless Kagu (*Rhynochetos jubatus*), rates quite appropriately a full color plate and exceptional attention in the text. The author takes every opportunity throughout the book to point up species in dire need of protection and to suggest conservation measures. He also mentions some of the rarities that one should look for especially.