

the tiger interpreted through his own special relationship with it. His years as Director of Delhi's Zoo are rich in anecdote, and surely marked the beginning of a new era in zoo management in India. As Director of Project Tiger, he introduced the 'pug mark tracer' as a main means of making a tiger count, and completed the first reliable tiger census based on extensive fieldwork. Kailash Sankhala has now returned to the Forest Service, after rendering signal service to arrest the decline of the Indian tiger, and so contributing to conservation of its habitat and other wildlife as well. He concludes with the belief—one to be fervently shared—that the tiger could now have an assured future. The only area in the book that jarred was his antipathic references to Jim Corbett. I am sure that Corbett neither intended to pontificate on tigers nor was he prone to exaggeration.

B. SESHADRI

Pride of Lions, by Brian Bertram. Dent, £6.50.

Of all the predatory mammals, lions, by virtue of their size and relatively open habitat, must be among the easiest to observe as individuals. But their very size, along with their sociable habits and longevity, make it exceedingly difficult to get a sufficiently detached view of an entire pride over a period of time sufficient to determine the pattern and significance of their social organization. Building on the work of his predecessors in East Africa—C.A.W. Guggisberg, with a lifetime of intermittent observation described in *Simba: the life of a lion* in 1961, George Schaller's pioneering work in the Serengeti, detailed in *The Serengeti lion* in 1972, and Judith Rudnai's study in Nairobi National Park published as *The social life of the lion* in 1973—Brian Bertram has considerably enhanced our understanding of the way a lion community operates. Making use of his intimate first-hand observation of lions in the Serengeti over four years, he has attempted to describe in general terms the various facets of the life of a pride—its composition and organisation, breeding cycle, territory and hunting—with only occasional reference to particular incidents or to the observations of others. The result is a very



Greece and the Hellenic Isles.

They're closer than you think.

readable account, and the absence of critical documentation is to a large extent alleviated by the confidence that the whole is based on prolonged and acute observation followed by cautious, disciplined interpretation.

Separate chapters are devoted to the leopard and cheetah, also based on first-hand study, and to the evolution of the physical and behavioural traits that distinguish the lion so clearly from other members of the cat family. Although the last is highly speculative, one could hardly ask for a better informed speculator, and the analysis of the different strategies of these three species is revealing. Tentative explanations, in terms of selective advantage, are offered for such peculiarities of lion behaviour as the infanticide practiced by new males joining a pride and the apparent absence of sexual competition among the adult males of a pride.

Lions will probably become increasingly confined to parks and reserves. The population in the Serengeti is estimated at around two thousand. In smaller reserves a full understanding of the unusual social organization of the species will be especially valuable in planning their conservation.

GORDON B. CORBET

Rabies, the Facts, by Colin Kaplan and others. Oxford University Press, £1.95

At a time when rabies is not far from the channel coast of France, and the risk of reintroducing the disease into Britain becomes more real, this book will be essential reading for all those concerned with the importation and management of domestic and non-domestic mammals. It has been written in a style suitable for the informed layman but at the same time provides a lot of detailed scientific fact, much of it from recent research, making it a necessity for veterinary surgeons and zoologists. Each chapter is by a different author who has made a special study of a particular aspect of the rabies problem, and thus the subject is covered in considerable depth: rabies in wildlife, domestic stock and man; its transmission and significance in different areas of the world; the morphology and properties of the virus under laboratory conditions; and efforts to develop and improve methods of protection against the disease. One chapter deals with the ecology of the red fox, Britain's most likely reservoir of rabies. In general the book is scholarly, well-written and highly readable. The concept of using a number of authors for a scientific volume is now accepted as the best method for ensuring that it is up to date in all aspects and factually accurate. But one problem with this is that there is often a lot of overlap between the chapters, and this is the only criticism that I would have of this book. For instance, the chapters by Lloyd and MacDonald contain a lot of common material, and more judicious editing might have been used here. Nevertheless, the book meets an important need and should be compulsory reading for those who still think that our quarantine laws are too stiff.

D. M. JONES

The Red Colobus Monkey, by Thomas T. Struhsaker. University of Chicago Press, £17.08.

Among other things, this book is a tribute to the New York Zoological Society's far-sighted policy of providing substantial support for field studies. Dr Struhsaker, a research zoologist with the NYZS, has spent the major part of 15 years conducting field research in tropical forest areas (notably in Africa) and has made a particular contribution to the study of primate behaviour and ecology. One of his main studies, lasting almost two years (May 1970—March 1972) was of the red colobus *Colobus badius tephrosceles* in Kibale forest, Uganda. This monograph, one of several outstanding books in the *Wildlife Behavior and Ecology series* published by University of Chicago Press, is an extremely valuable addition to the literature on primate field studies. There is satisfying attention to quantitative detail in the wide-ranging picture of the life of red colobus, covering group size and structure, various specific aspects of social behaviour,