

BOOK REVIEW

Advances in Squid Biology, Ecology and Fisheries. Part I – Myopsid Squids

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This volume describes research on the biology (life history, age and growth, maturation and fecundity), ecology (distribution, migrations, diet, predators and parasites) and fisheries (fishing areas, methods, landings, management and stock assessment) of economically important myopsid squids, which are typically associated with the seabed of the inshore coastal zone. Special attention is given to mating and spawning behaviour and to the use of substratum for the attachment of the spawned egg masses. Squid fisheries exploit aggregations related to seasonal reproduction, either as a commercial handline jig fishery, or as a bycatch of the commercial inshore demersal trawl fishery. Managing and forecasting myopsid fisheries can only be envisaged taking account of the highly variable recruitment processes in coastal environments. The material is presented in ten monographic chapters written by one or several authors from among the 65 contributors, covering the following squid species:

The European Squid *Loligo vulgaris* (east Atlantic and Mediterranean Sea from 60°N to 20°S), the Chokka Squid *Loligo reynaudii* (South Africa south of 30°S), the Veined Squid *Loligo forbesii* (east Atlantic and Mediterranean Sea from 60°N to 20°N), the European Common squid *Alloteuthis subulata* (eastern Atlantic and Mediterranean Sea from 60°N to 20°N), the Patagonian Long-Finned Squid *Doryteuthis gahi* (west, south and southeast coasts of South America including the Falklands), the Opalescent Inshore Squid *Doryteuthis opalescens* (northwest and west coast of North America from 58°N to 22°N), the Longfin Inshore Squid *Doryteuthis pealeii* (east coast of North and Middle America to Venezuela), the Slender Inshore Squid *Doryteuthis plei* (western Atlantic from 36° N to 35°S), the São Paulo Squid *Doryteuthis sanpaulensis* (east coast of South America from 20°S to 46°S), and the Western Atlantic Brief Squid *Lolliguncula brevis* (east coast of North, Middle and South America from 45°N to 28° S).

Review provided by Sigurd v. Boletzky, Associate Editor *VIE ET MILIEU – Life and Environment*