

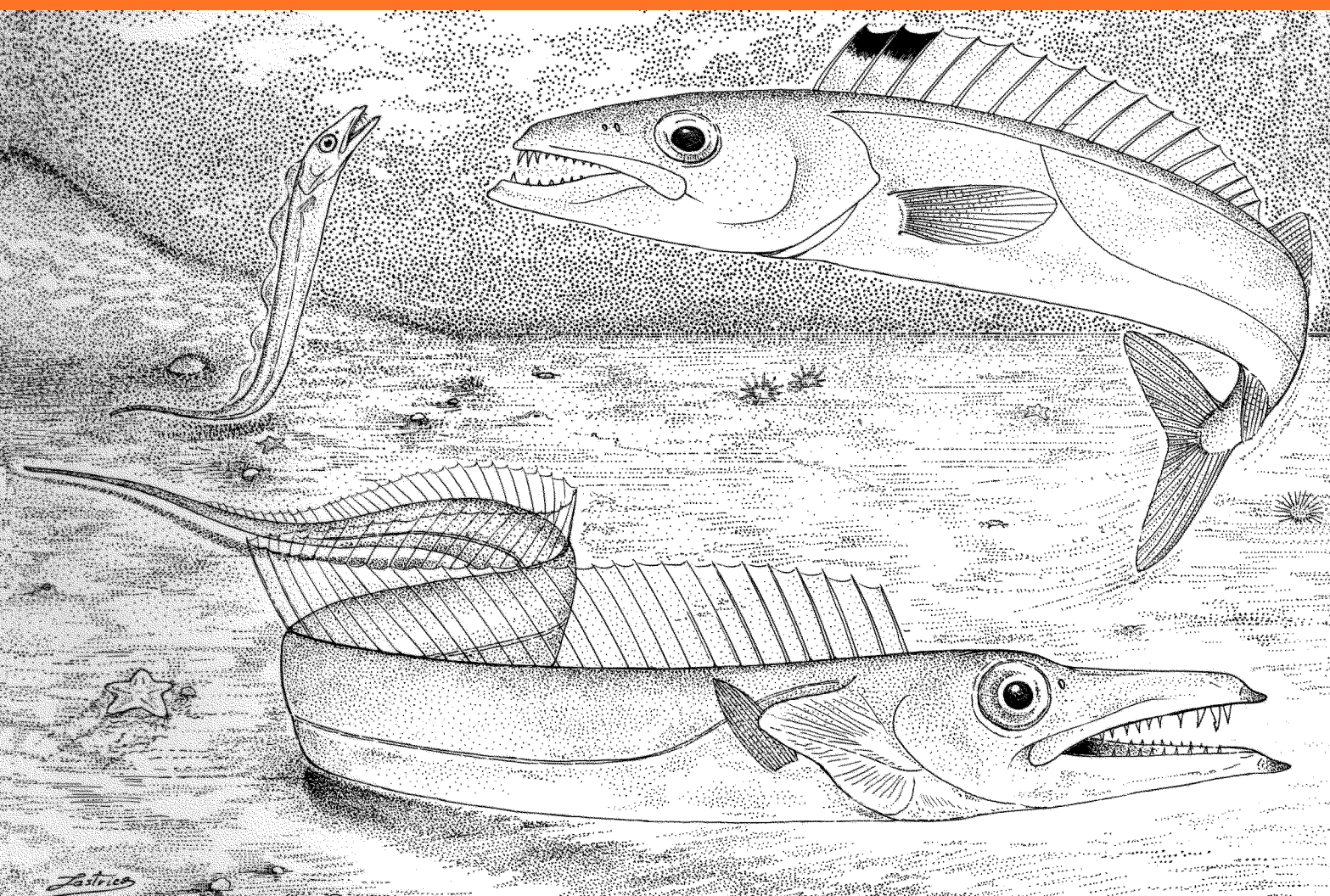


FAO SPECIES CATALOGUE

VOL. 15. SNAKE MACKERELS AND CUTLASSFISHES OF THE WORLD

(FAMILIES GEMPYLIDAE AND TRICHIURIDAE)

AN ANNOTATED AND ILLUSTRATED CATALOGUE OF THE
SNAKE MACKERELS, SNOEKS, ESCOLARS, GEMFISHES, SACKFISHES, DOMINE,
OILFISH, CUTLASSFISHES, SCABBARDFISHES, HAIRTAILS AND FROSTFISHES
KNOWN TO DATE



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Oilfish, Cutlassfishes, Scabbardfishes, Hairtails, and Frostfishes
Known to Date**

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PREPARATION OF THIS DOCUMENT

This document was prepared under the FAO Fisheries Department Regular Programme in the Marine Resources Service of the Fishery Resources and Environment Division. It is the fifteenth worldwide species catalogue in the FAO Fisheries Synopsis series.

The authors are two of the world's foremost authorities on the taxonomy of species of the Gempylidae and Trichiuridae. They have published numerous scientific articles on these fishes. This work is based on an extensive review of the literature and the authors have examined specimens, including most of the type material, from the major museums of the world. In addition, they have looked at fresh specimens during research cruises and from markets at localities around the world. Their work is part of an on-going revision of the systematics of these two closely related groups. They both have considerable taxonomic experience in each group and have worked nearly equally on each family depending on which genera they are most familiar with.

Commercial catch statistics are not extensive for these fishes, because their exploitation is mostly by small-scale fisheries and also because they are difficult to identify. Consequently, little is known about the biology of these fishes. This catalogue is timely therefore, as a compilation of what is known about these fishes, in order to serve as a stimulus for gathering more information and to improve the knowledge-base from which to manage them as a resource.

The illustrations were either supplied or drawn by the authors or were redrawn (and modified) at FAO from the literature or from the authors' sketches under the supervision of the editors.

English FAO fish names, were established in consultation with J.S. Nelson, University of Alberta, Edmonton (Chairman, Committee on Common Names of Fishes, American Fisheries Society and American Society of Ichthyologists and Herpetologists). Official French names were created in consultation with J.-C. Quero, Institut Français de Recherche pour l'Exploitation de la Mer, l'Houmeau. Spanish FAO names were adapted from the literature or translated from the English FAO names with the help of G. Burgos, Instituto Nacional de Investigación y Desarrollo Pesquero, Argentina.

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Nakamura, I. and N. V. Parin

FAO species catalogue. Vol. 15. Snake mackerels and cutlassfishes of the world (Families Gempylidae and Trichiuridae). An annotated and illustrated catalogue of the snake mackerels, snoeks, escolars, gemfishes, sackfishes, domine, oilfish, cutlassfishes, scabbardfishes, hairtails, and frostfishes known to date.

FAO Fisheries Synopsis. No. 125, Vol. 15. 1993. 136 p., 200 figs.

ABSTRACT

This is the fifteenth issue in the FAO series of world-wide annotated and illustrated catalogues of the groups of marine organisms that enter marine fisheries. This volume covers 23 species in 16 genera of gempylids (snake mackerels, snoeks, escolars, gemfishes, domine, oilfishes) and 32 species in 9 genera of trichiurids (cutlassfishes, scabbardfishes, hairtails, and frostfishes). It includes an introductory section with general remarks on habitat, biology, fisheries, systematics, zoogeography and problems of identification, a glossary of technical terms, illustrated keys to genera and species, including regional keys, detailed accounts of species, and a table of species by major fishing area. Species accounts include illustrations, scientific and vernacular names, references to scientific names, information on habitat, biology and fisheries, and a distribution map. The work is fully indexed and there is an extensive reference to pertinent literature.

Distribution

Authors, FAO Fisheries Officers, Regional Fisheries Councils and Commissions, Selector SC

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- Izumi Nakamura

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- Nikolai V. Parin

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