ATLAS

TO ACCOMPANY

Distribution and relative abundance of Billfishes (Istiophoridae) of the Pacific Ocean

JOHN K. HOWARD, Institute of Marine Science, University of Miami
and SHOJI UEYANAGI, Nankai Regional Fisheries Research Laboratory
SEQUENCE OF CHARTS
FOR BILLFISH ATLAS

Each of the 38 charts in this Atlas is discussed in Part II of the text under the appropriate species. For a general discussion, see "Preface for Appendix Charts" at the end of Part II.

Charts 1 - 12
Monthly distributional patterns for the striped marlin, *Tetrapturus audax*, in the Pacific Ocean.

Charts 13 - 24

Charts 25 - 36
Monthly distributional patterns for the black marlin, *Makaira indica*, in the Pacific Ocean.

Chart 37
Distribution of the sailfish, *Istiophorus gladius*, in the Pacific Ocean.

Chart 38
Distribution of the shortbill spearfish, *Tetrapturus angustirostris*, in the Pacific Ocean.
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*See text, part II, for explanation of charts*
STRIPED MARLIN - MAKAJIKI
MAY