

# Kuroshio Science Vol. 17 No. 1 (October 2023)

---

## CONTENTS

---

Opening Remarks	Ching-Nen Nathan Chen	1
Research Paper		
Dynamics of catch and effort in entangling net and handline dominated fishing ground	Renan U. Bobiles, Angelo P. Candelaria, Ronnel R. Dioneda, Sr.	2
Symposium Proceedings		
Maturity and spawning period of shortfin scad, <i>Decapterus macrosoma</i> (Bleeker, 1851, Perciformes: Carangidae) in Babuyan Channel, Philippines	Melanie C. Villarao, Angel B. Encarnacion	14
Abundance and diversity of macroinvertebrates along the coral reefs of Lagonoy Gulf with notes on algal herbivory	Michael C. Borejón, Antonino B. Mendoza Jr, Joshua Karl B. Bista	22
Establishment and operation of Northern Pacific Seaboard Fisheries Management Area in the Philippine waters	Emma L. Ballard, Angel B. Encarnacion	28
Analysis of villagers' perspectives and involvement in marine protected area management in Northern Luzon, Philippines	Joela Mizchelle Aquino dela Vega, Emma Legaspi Ballard, Yoshinori Morooka, Teruyuki Shinbo	31
The 15th International Kuroshio Science Symposium		
Symposium Program		37
The Sentiments of Graduate Students on the Symposium		42
<hr/>		
Editorial Policy and Instructions for Authors		43-44