



### Recent Developments in Systematics and Biodiversity of Symbiotic Copepoda (Crustacea)—A Volume in Celebration of the Career of Prof. Il-Hoi Kim

RONY HUYS (ED.)

6 **Preface**

RONY HUYS (U.K.)

10 **Prof. Il-Hoi Kim: a tribute**

RONY HUYS (U.K.)

69 **Zbigniew Kabata—17 March 1924 – 4 July 2014—Metamorphosis of a Parasitologist**

GEORGE W. BENZ<sup>†</sup> & TIMOTHY M. GOATER (U.S.A.)

#### I. FISH PARASITES

93 **A new species of *Ergasilus* von Nordmann, 1832 (Copepoda: Cyclopoida) from the gills of a dasyatid ray, *Himantura oxyrhyncha* (Sauvage, 1878) from West Kalimantan, Indonesia**

GEOFFREY A. BOXSHALL (U.K.)

104 ***Schistobranchia kabata* sp. nov. (Siphonostomatoida: Lernaeopodidae) from rajiform hosts off South Africa**

SUSAN M. DIPPENAAR (SOUTH AFRICA)

114 **High diversity of *Caligus* species (Copepoda, Siphonostomatoida, Caligidae) in Taiwanese waters**

JU-SHEY HO (U.S.A.), CHING-LONG LIN (TAIWAN) & WEI-CHENG LIU (TAIWAN)

122 **Discovery of the male of the rare caligiform copepod *Kabataia* Kazachenko, Korotaeva & Kurochkin, 1972 (Copepoda: Siphonostomatoida), with a reconsideration of its phylogenetic affinities**

KATE HUTSON (AUSTRALIA) & GEOFFREY A. BOXSHALL (U.K.)

137 **Parasitic copepods infesting the olfactory sacs of skates from the southwestern Atlantic with the description of a new species of *Kroeyerina* Wilson, 1932**

MANUEL M. IRIGOITIA, DELFINA M.P. CANTATORE, INÉS S. INCORVAIA & JUAN T. TIMI (ARGENTINA)

153 **A new species of *Prohatschekia* Nunes-Ruivo, 1954 (Siphonostomatoida: Hatschekiidae) from the scorpaenid fish, *Scorpaena neglecta* Temminck & Schlegel, 1843 (Scorpaeniformes: Scorpaenidae), in Korean waters**

SEONG YONG MOON, SEOK-HYUN YOUN & BALU ALAGAR VENMATHI MARAN (KOREA)

161 **Lernanthropid copepods parasitic on marine fishes in Turkish waters, including two new records**

ARGUN AKİF ÖZAK, İBRAHİM DEMİRKALE & ALPER YANAR (TURKEY)

- 176 *Colobomatus kimi* sp. nov. (Copepoda: Philichthyidae) parasitic on the dwarf goatfish *Upeneus parvus* Poey, 1852 (Perciformes: Mullidae) in the South Atlantic Ocean  
FABIANO PASCHOAL, ALDENICE N. PEREIRA & JOSÉ LUIS LUQUE (BRAZIL)
- 192 The genus *Lernaenicus* Lesueur (Copepoda, Siphonostomatoida, Pennellidae) in India: a checklist with notes on its taxonomy and ecology  
KUZHANTHAIVEL RAJA (INDIA), AYYAPAN SARAVANAKUMAR (INDIA), AYYARU GOPALAKRISHNAN (INDIA), RAMALINGAM VIJAYAKUMAR (INDIA) & BALU ALAGAR VENMATHI MARAN (KOREA)
- 212 A review of the *Taeniacanthus balistae* species group (Crustacea: Copepoda: Taeniacanthidae), with descriptions of two new species  
DANNY TANG (U.S.A.), DAISUKE UYENO & KAZUYA NAGASAWA (JAPAN)
- 237 New records of Caligidae (Copepoda, Siphonostomatoida) from the Philippines  
BALU ALAGAR VENMATHI MARAN (KOREA), ERLINDA R. CRUZ-LACIERDA (PHILIPPINES), SUSUMU OHTSUKA (JAPAN) & KAZUYA NAGASAWA (JAPAN)
- 249 *Cepolacanthus kimi*, a new genus and species of copepod (Cyclopoida: Taeniacanthidae) parasitic on Bandfish *Acanthocephala abbreviata* (Valenciennes, 1835) (Actinopterygii: Cepolidae) caught off the Iraqi coast  
BALU ALAGAR VENMATHI MARAN (KOREA), SEONG YONG MOON (KOREA), THAMIR KATEA ADDAY (IRAQ) & DANNY TANG (U.S.A.)

## II. COPEPODS ASSOCIATED WITH INVERTEBRATE HOSTS

- 259 Redescription of two species of *Asterocheres* Boeck, 1860 (Copepoda: Siphonostomatoida), *A. corneliae* Schirl, 1973 and *A. boeckii* (Brady, 1880), and proposal of a new genus for *Asterocheres fastigatus* Kim, 2010  
EUGENIA BANDERA & MERCEDES CONRADI (SPAIN)
- 274 Four anchimolgid copepods (Poecilostomatoida: Anchimolgidae) associated with the scleractinian coral *Pavona explanulata* (Lamarck, 1816) in Taiwan  
YU-RONG CHENG, MING-JAY HO & CHANG-FENG DAI (TAIWAN)
- 291 Copepods associated with scleractinian corals: a worldwide checklist and a case study of their impact on the reef-building coral *Pocillopora damicornis* (Linnaeus, 1758) (Pocilloporidae)  
YU-RONG CHENG (TAIWAN), ANDERSON B. MAYFIELD (U.S.A.), PEI-JIE MENG (TAIWAN), CHANG-FENG DAI (TAIWAN) & RONY HUYS (U.K.)
- 346 A new family of poecilostomatoid copepods (Strepidae fam. nov.) associated with the sun coral, *Tubastraea coccinea* Lesson, 1829 in Taiwan  
YU-RONG CHENG, SHANG-YIN VANSON LIU & CHANG-FENG DAI (TAIWAN)
- 355 Enigmas from the past: M'Intosh's (1885) annelidicolous copepods from the voyage of H.M.S. Challenger  
RONY HUYS (U.K.)
- 386 *Nippoparasitus unoashicola*, a new genus and species of philoblennid copepod (Cyclopoida) parasitic on the Pacific sugar limpet, *Patelloida saccharina* (Linnaeus, 1758) (Patellogastropoda: Lottiidae) from the intertidal zone of eastern Japan  
DAISUKE UYENO, RIE OGASAKA & KAZUYA NAGASAWA (JAPAN)

### III. PARASITIC COPEPODA IN MARINE PLANKTON

- 396 **A new species of *Monstrilla* Dana, 1849 (Copepoda: Monstrilloida: Monstrillidae) from Korea, including a key to species from the north-west Pacific**  
JIMIN LEE & CHEON YOUNG CHANG (KOREA)
- 410 **Two new species of the genus *Monstrillopis* Sars, 1921 (Copepoda: Monstrilloida: Monstrillidae) from South Korea**  
JIMIN LEE, DONGSUNG KIM & CHEON YOUNG CHANG (KOREA)
- 424 **A new species of *Caligus* Müller, 1785 (Copepoda: Siphonostomatoida: Caligidae) from coral reef plankton in the Mexican Caribbean**  
EDUARDO SUÁREZ-MORALES & REBECA GASCA (MEXICO)
- 437 **On the occurrence of caligids (Copepoda: Siphonostomatoida) in the marine plankton: a review and checklist**  
BALU ALAGAR VENMATHI MARAN (KOREA), EDUARDO SUÁREZ-MORALES (MEXICO), SUSUMU OHTSUKA (JAPAN), HO YOUNG SOH (KOREA) & UI WOOK HWANG (KOREA)

### IV. SYMBIOTIC HARPACTICOIDA

- 448 **Harpacticoid copepods—their symbiotic associations and biogenic substrata: a review**  
RONY HUYS (U.K.)