Arthropods

Arthropods account for more than 65% of global species and 85% of animal species. On a temperate grassland,

arthropods hold a huge biomass (1,000kg/ha), seconded to plant (20,000kg/ha) and microorganisms (7,000kg/ha)

but much higher than mammals (1.2kg/ha), birds (0.3kg/ha), and nemantodes (120kg/ha). Arthropods play the

role of both pests and beneficial organisms. Some arthropods are important crop pests but others are natural

enemies. Some arthropods are important health pests but many crustaceans are important food sources of

humankinds. Arthropods govern the structures and functions of natural ecosystems, but are always ignored by

researchers. On the global scale, the surveys of mammals, birds and vascular plants were relatively perfect

because they were economically important and easily surveyed. However, arthropods, despite their ecological

and economical importance, have not yet been fully surveyed and recorded due to their difficulties to be

sampled. The research on arthropods must be further promoted. The journal, Arthropods, is inaugurated to

provide a public and appropriate platform for the publication of studies and reports on arthropods.

ARTHROPODS (ISSN 2224-4255) is an international journal devoted to the publication of articles on various

aspects of arthropods, e.g., ecology, biogeography, systematics, biodiversity (species diversity, genetic diversity,

et al.), conservation, control, etc. The journal provides a forum for examining the importance of arthropods in

biosphere (both terrestrial and marine ecosystems) and human life in such fields as agriculture, forestry, fishery,

environmental management and human health. The scope of Arthropods is wide and embraces all

arthropods-insects, arachnids, crustaceans, centipedes, millipedes, and other arthropods. Articles/short

communications on new taxa (species, genus, families, orders, etc.) and new records of arthropods are

particularly welcome.

Authors can submit their works to the email box of this journal, arthropods@iaees.org. All manuscripts

submitted to Arthropods must be previously unpublished and may not be considered for publication elsewhere

at any time during review period of this journal.

In addition to free submissions from authors around the world, special issues are also accepted. The organizer of

a special issue can collect submissions (yielded from a research project, a research group, etc.) on a specific

topic, or submissions of a conference for publication of special issue.

Editorial Office: arthropods@iaees.org

Publisher: International Academy of Ecology and Environmental Sciences

Address: Flat C, 23/F, Lucky Plaza, 315-321 Lockhart Road, Wanchai, Hong Kong

Tel: 00852-6555 7188

Fax: 00852-3177 9906

E-mail: office@iaees.org

Arthropods

ISSN 2224-4255

Volume 2, Number 4, 1 December 2013

Articles

The circadian rhythm and visual elements in scorpions: A review

M. R. Warburg

150-158

Taxonomic account of genus Scylla (de Haan, 1833) from Gujarat State, India with two new records of species

J. N. Trivedi, K. D. Vachhrajani

159-171

Habitat ecology and food and feeding of the herring bow crab Varuna litterata (Fabricius, 1798) of Cochin backwaters, Kerala, India

P.Lakshmi Devi, Deepthi Gopi Nair, Aneykutty Joseph

172-188

A morphometry map and a new method for honey bee morphometric analysis by using the ArcGIS

Hossam F. Abou-Shaara

189-199

Diversity of dragonflies (Anisoptera) in Gorewada International Bio-Park, Nagpur, Central India

V. A. Shende, K. G. Patil

200-207

Selection of entomopathogenic fungi against the red spider mite *Tetranychus kanzawai* (Kishida) (Tetranychidae: Acarina)

Yayan Sanjaya, Virginia R. Ocampo, Barbara L. Caoili

208-215

Ecological investigation, density, infestation rate and control strategy of German cockroach, *Blattella germanica* (L.) in two hospitals in Ismailia, Egypt

M.F. Mahmoud, A.F. El-Bahrawy, H.M. El-Sharabasy, et al.

216-224

Response of adult male Zeuzera pyrina (Lep: Zeuzeridae) to different pheromone traps in walnut orchards of four isolated regions of Iran

Raheleh Dolati, Jamasb Nozari, Vahid Hosseininaveh

225-230

Efficiency of probiotics (Ecoforce) in the growth and survival of Peneaus monodon

V. Elumalai1, G. Ramesh, D. Mohan, et al.

231-236

Checklist of moth fauna of Peshawar, Pakistan

Muhammad Aslam

237-241

Brachyuran crab diversity of lower estuarine mud flats of Mahi River with new record of two species from Gujarat, India

P. J. Pandya, K. D. Vachhrajani

242-250

IAEES

http://www.iaees.org/