MDPI has been publishing Insects (ISSN: 2075-4450) [1] since 2010. After careful consideration, we have decided to launch a companion journal Entomology (ISSN: 2813-0502) [2], an open access journal to address more basic and fundamental entomology studies. Entomology, from the ancient Greek “ἐντόμον (entomon)”—“insect” and “-λογία (-logia)”—“study of” [3], is the scientific study of insects.

Insects are among the oldest and most numerous animals on Earth [4]. They play a prominent role in human activities and we need expand our scientific knowledge in the wake of the recent climate change, which threatens to critically affect their lifecycle and population [5].

However, what is an insect? Traditionally, this has not been a simple question to ask. Insects are related to other common animals such as crabs, crayfish, spiders, millipedes, centipedes and scorpions; they all belong to the Arthropoda phylum and as such, they share some common characteristics. Insects, though, differ from the rest of the arthropods because they present three pairs of legs, three segmented distinct body parts (head, abdomen and thorax), compound eyes and one pair of antennae [6].

Entomology aims to address fundamental research on other arthropods, such as arachnids, myriapods and crustaceans. It aims to be a central forum for researchers in fundamental entomology, with emphasis on insect systematics; phylogeny and evolution; paleontomology; and technical entomology. Cross-cutting contributions on topics as diverse as molecular genetics; behavior; neuroscience; biomechanics; biochemistry; physiology; developmental biology; and ecology will also be welcome.

Entomology will be published on a quarterly basis with the support of our Editorial Board Members. We will ensure a rigorous yet fast peer-review process to provide a rapid and scientifically accurate dissemination of research. We would like to invite all researchers involved in related studies to submit their new discoveries and to join the Editorial Board to help us develop Entomology into a successful and well-established journal.

Conflicts of Interest: The authors declare no conflict of interest.

References


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