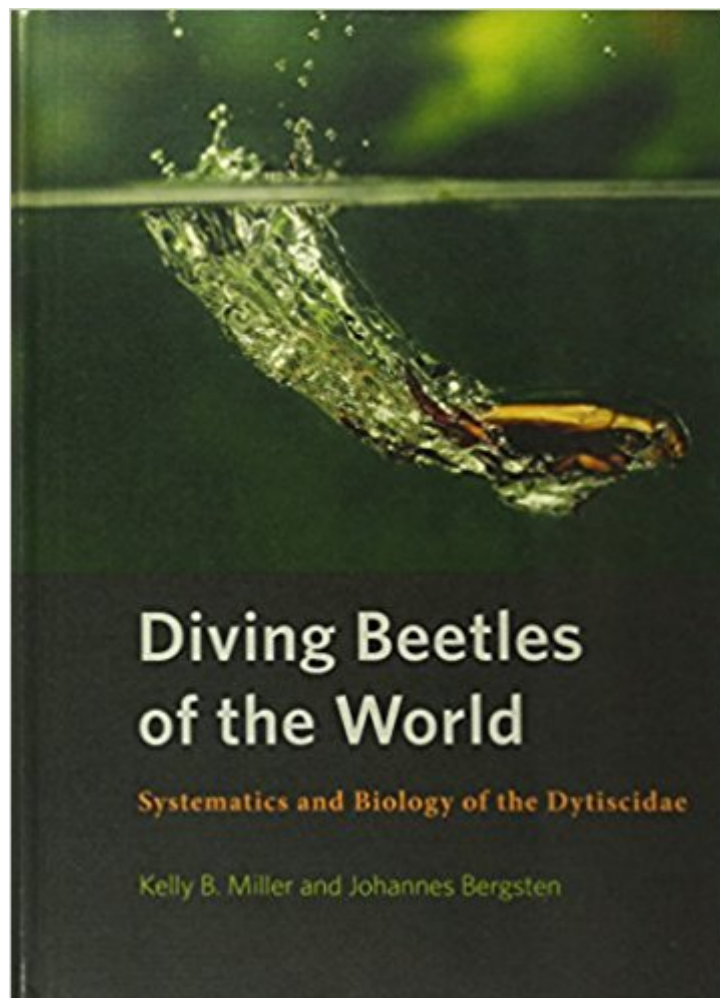




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Diving Beetles Of The World: Systematics And Biology Of The Dytiscidae



Synopsis

Among the hundreds of thousands of species of beetles, there is one family, containing some 4,300 species, that stands out as one of the most diverse and important groups of aquatic predatory insects. This is the Dytiscidae, whose species are commonly known as diving beetles. No comprehensive treatment of this group has been compiled in over 130 years, a period during which a great many changes in classification and a near quadrupling of known species has occurred. In *Diving Beetles of the World*, Kelly B. Miller and Johannes Bergsten provide the only full treatments of all 188 Dytiscid genera ever assembled. Entomologists, systematists, limnologists, ecologists, and others with an interest in aquatic systems or insect diversity will find these extensively illustrated keys and taxon accounts immensely helpful. The keys make it possible to identify all taxa from subfamily to genera, and each key and taxon treatment is accompanied by both photographs and detailed pen-and-ink drawings of diagnostic features. Every genus account covers body length, diagnostic characters, classification, species diversity, a review of known natural history, and world distribution. Each account is also accompanied by a range map and at least one high-resolution habitus image of a specimen. Diving beetles are fast becoming important models for aquatic ecology, world biogeography, population ecology, and animal sexual evolution and, with this book, the diversity of the group is finally accessible.

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or insect diversity will find these extensively illustrated keys and taxon accounts immensely helpful... Diving beetles are fast becoming important models for aquatic ecology, world biogeography, population ecology, and animal sexual evolution and, with this book, the diversity of the group is finally accessible." (The Birdbook Report)"All illustrations are excellent and informative. Every genus account covers diagnostic characteristics, size range, classification, species diversity, a review of known natural history, and distributions portrayed via range maps. The breadth and depth of coverage is extraordinary given the constraints of a succinct template." (Systematic Entomology)"This is a beautifully produced book, well-illustrated with colour photographs of the beetles 5 and their habitats, excellent line drawings of morphological features and maps showing the distribution of all the genera." (Journal of Natural History)"This text provides the first in-depth treatment of predaceous diving beetles (family Dytiscidae) in well over 100 years. As such, it is an invaluable addition to entomology literature. Recommended." (Choice)"Within less than six months after its publication, this book has already become a classic on the topic... As far as we are concerned, this is the ultimate accolade for a book of this kind.""Genus-by-genus descriptions, maps and beautiful habitus photographs make for a more interesting book than any amount of DNA analysis!" (Entomologist's Monthly Magazine)

Kelly B. Miller is an associate professor in the Biology Department at the University of New Mexico, Albuquerque, where he is also a curator at the Museum of Southwestern Biology. Johannes Bergsten is a senior curator at the Swedish Museum of Natural History, Stockholm.

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