



LÖBL I. & LÖBL D. (eds) 2017: CATALOGUE OF PALAEARCTIC COLEOPTERA. ARCHOSTEMATA-MYXOPHAGA-ADEPHAGA. VOL. 1. REVISED AND UPDATED EDITION. Brill, Leiden, Boston, xxxiv + 1443 pp. ISBN: 978-90-04-33028-3 (print book), 978-90-04-33029-0 (e-book). Price USD 260.00 (print book), USD 236.00 (e-book).

The present volume of the Catalogue of Palaearctic Coleoptera (CPC) provides revised and updated data on extant Palaearctic taxa of three of the four suborders of beetles: Archostemata, Myxophaga and species-rich Adephaga. The first edition of this book was published in 2003, but a lot of new information scattered in numerous publications necessitated this updated second edition.

The arrangement of chapters in this edition is the same as in the first edition. Introductory chapters briefly clarify the history of the second edition, list authors with addresses and provide maps and geographical codes used in the text to define the distribution of particular species. From the nomenclatural point of view, the section entitled “New nomenclatural and taxonomic acts, and comments”, is quite important. It contains proposals for new synonyms, new generic assignments, changes in rank, reversals of precedence, corrections of spelling and authorship and others. Some of these changes are discussed in detail, whereas some others are unfortunately commented on very briefly and, in my opinion, insufficiently.

The main part of this book is the catalogue. It includes all available names, both valid and invalid, of extant taxa known to occur in the Palaearctic Region. Totally, the present volume lists 33,911 names of family-, genus- and species-group taxa including synonyms.

Families are ordered according to Bouchard et al. (2011), thus so called Hydradephaga (informal group of aquatic and semiaquatic Adephaga very often used in entomological and ecological literature) is broken up in the CPC, with the Gyrinidae listed at the beginning, while the rest of hydradephagan families are at the end of Adephaga.

Many families of Adephaga are very popular among both amateur and professional entomologists, and numerous papers with taxonomic and nomenclatural information are published each year. During the editorial process of this issue of CPC in 2017, some important papers were published, the results of which could not be included in this book. One such example is a paper dealing with the reclassification of the diving beetle tribe Hygrotini (Villalstrigo et al., 2017).

The book is published in both printed and electronic versions. I would strongly recommend an e-book for readers, it is much easier to use.

At the end of 2017, Ivan Löbl decided to retire from the editorial board of CPC. Nevertheless, the series will continue in Brill as catalogues of particular superfamilies or large families under supervision and editorship of top specialists. Currently, for example, Dariusz Iwan and collaborators prepare Tenebrionoidea and Jan Bezděk with colleagues is working on Chrysomelidae. I hope new issues of CPC will maintain the same high standard as the present book.

## REFERENCES

- BOUCHARD P., BOUSQUET Y., DAVIES A.E., ALONSO-ZARAZAGA M.A., LAWRENCE J.F., LYAL C.H.C., NEWTON A.F., REID C.A.M., SCHMITT M., ŚLIPŃSKI S.A. & SMITH A.B.T. 2011: Family-group names in Coleoptera (Insecta). — *ZooKeys* **88**: 1–972.
- VILLALSTRIGO A., RIBERA I., MANUEL M., MILLÁN A. & FERY H. 2017: A new classification of the tribe Hygrotini Portevin, 1929 (Coleoptera: Dytiscidae: Hydroporinae). — *Zootaxa* **4317**: 499–529.

A. Bezděk  
Institute of Entomology  
Biology Centre of the Czech Academy of Sciences  
České Budějovice, Czech Republic