

Preface

This book revises the native North American (Canada and continental United States) species of the genus *Harpalus* excluding those of subgenera *Glanodes* and *Pseudophonus* already studied by G. E. Ball. Conclusions are based on examination of: type specimens; 35,530 nontype adults, including 2,546 collected and studied during field work in the western United States in 1984 and 1985; and examination of 2,084 everted internal sacs of the male genitalia. The examination shows that the native species in groups other than *Glanodes* and *Pseudophonus* total 39, with four of these also occurring in the Palaearctic Region.

The revision includes keys to distinguish all North American members of *Harpalus* from those of other genera of North American Harpalini. Keys to species permit identification of all 39 study species of *Harpalus* and of introduced species and refer readers to revisions by Ball of species in *Glanodes* and *Pseudophonus*. For native study species there are: notes about recognition of adults; descriptions of morphological features of species; information about variation among species in character states; discussions of new synonymies; details about natural histories; and descriptions of geographical ranges.

New synonyms are as follows, with junior synonyms listed first: *Harpalobrachys* Tschitschérine, 1899 = *Harpalus* Latreille, 1802; *H. oblitus* LeConte, 1859 [nec *H. oblitus* Dejean, 1829] = *H. lecontei* Casey, 1914 = *H. hoppingi* Lindroth, 1968 = *H. fraternus* LeConte, 1865; *H. carolinae* Schaeffer, 1910 = *H. spadiceus* Dejean, 1829; *H. mansuetus* Casey, 1914 = *H. opicus* Casey, 1914 = *H. seclusus* Casey, 1914 = *H. fanaticus* Casey, 1924 = *H. parowanus* Casey, 1924 = *H. nigritarsis* Sahlberg, 1827; *H. furtivus* LeConte, 1865 = *H. clandestinus* LeConte, 1878 = *H. clientus* Casey, 1914 = *H. curticornis* Casey, 1914 = *H. illectus* Casey, 1914 = *H. malacus*