

# Contents

|                            |                                                                                                                          |     |                                                                                           |                                                                                                                                             |     |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Editors' preface . . . . . |                                                                                                                          | V   | 2.7.8 Galerucinae Latreille, 1802<br><i>Konstantin S. Nadein and Jan Bezděk</i> . . . . . |                                                                                                                                             | 251 |
| Contributors . . . . .     |                                                                                                                          | IX  |                                                                                           |                                                                                                                                             |     |
| 1                          | Molecular phylogenetics and evolution of Coleoptera<br><i>Duane D. McKenna</i> . . . . .                                 | 1   | 2.7.9                                                                                     | Donaciinae Kirby, 1837<br><i>Richard A. B. Leschen and Alexander S. Konstantinov.</i> . . . .                                               | 259 |
| 2                          | Chrysomeloidea Latreille, 1802<br><i>Chris A. M. Reid</i> . . . . .                                                      | 11  | 2.7.10                                                                                    | Sagrinae Leach, 1815<br><i>John F. Lawrence and Chris A. M. Reid</i> . . . . .                                                              | 264 |
| 2.1                        | Vesperidae Mulsant, 1839<br><i>Petr Svacha and John F. Lawrence.</i> . . . .                                             | 16  | 2.7.11                                                                                    | Spilopyrinae Chapuis, 1874<br><i>Pierre Jolivet, John F. Lawrence, Chris A. M. Reid and Krishna K. Verma</i> . . . . .                      | 271 |
| 2.2                        | Oxypeltidae Lacordaire, 1868<br><i>Petr Svacha and John F. Lawrence.</i> . . . .                                         | 49  | 2.7.12                                                                                    | Synetinae LeConte and Horn, 1883<br><i>John F. Lawrence and Adam Ślipiński</i> . . . . .                                                    | 278 |
| 2.3                        | Disteniidae J. Thomson, 1861<br><i>Petr Svacha and John F. Lawrence.</i> . . . .                                         | 60  | 3                                                                                         | Curculionoidea Latreille, 1802: Introduction, Phylogeny<br><i>Rolf G. Oberprieler, Robert S. Anderson and Adriana E. Marvaldi</i> . . . . . | 285 |
| 2.4                        | Cerambycidae Latreille, 1802<br><i>Petr Svacha and John F. Lawrence.</i> . . . .                                         | 77  | 3.1                                                                                       | Nemonychidae Bedel, 1882<br><i>Robert S. Anderson, Rolf G. Oberprieler and Adriana E. Marvaldi</i> . . . . .                                | 301 |
| 2.5                        | Megalopodidae Latreille, 1802<br><i>John F. Lawrence and Adam Ślipiński</i> . . . . .                                    | 178 | 3.2                                                                                       | Anthribidae Billberg, 1820<br><i>José Ricardo M. Mermudes and Richard A. B. Leschen</i> . . . . .                                           | 309 |
| 2.6                        | Orsodacnidae C. G. Thomson, 1859<br><i>John F. Lawrence and Adam Ślipiński</i> . . . . .                                 | 184 | 3.3                                                                                       | Belidae Schoenherr, 1826<br><i>Adriana E. Marvaldi and M. Silvia Ferrer</i> . . . . .                                                       | 316 |
| 2.7                        | Chrysomelidae Latreille, 1802 . . . . .                                                                                  | 189 | 3.4                                                                                       | Attelabidae Billberg, 1820<br><i>Alexander Riedel</i> . . . . .                                                                             | 328 |
| 2.7.1                      | Bruchinae Latreille, 1802<br><i>Geoffrey Morse</i> . . . . .                                                             | 189 | 3.5                                                                                       | Caridae Thompson, 1992<br><i>Rolf G. Oberprieler</i> . . . . .                                                                              | 356 |
| 2.7.2                      | Cassidinae Gyllenhal, 1813<br><i>Lech Borowiec and Jolanta Świętojańska</i> . . . . .                                    | 198 | 3.6                                                                                       | Brentidae Billberg, 1820<br><i>Rolf G. Oberprieler</i> . . . . .                                                                            | 363 |
| 2.7.3                      | Eumolpinae C. G. Thomson, 1859<br><i>Pierre Jolivet, John F. Lawrence, Krishna K. Verma and Adam Ślipiński</i> . . . . . | 217 | 3.6.1                                                                                     | Eurhynchinae Lacordaire, 1863, Ithycerinae Schoenherr, 1823 and Microcerinae Lacordaire, 1863<br><i>Rolf G. Oberprieler</i> . . . . .       | 364 |
| 2.7.4                      | Lamprosomatinae Lacordaire, 1848<br><i>Maria Lourdes Chamorro</i> . . . . .                                              | 226 | 3.6.2                                                                                     | Brentinae Billberg, 1820<br><i>Alessandra Sforzi, Luca Bartolozzi and Richard A. B. Leschen.</i> . . . .                                    | 384 |
| 2.7.5                      | Cryptocephalinae Gyllenhal, 1813<br><i>Maria Lourdes Chamorro</i> . . . . .                                              | 230 |                                                                                           |                                                                                                                                             |     |
| 2.7.6                      | Criocerinae Latreille, 1807<br><i>Fredric V. Vencl and Richard A. B. Leschen</i> . . . . .                               | 237 |                                                                                           |                                                                                                                                             |     |
| 2.7.7                      | Chrysomelinae Latreille, 1802<br><i>Chris A.M. Reid.</i> . . . .                                                         | 243 |                                                                                           |                                                                                                                                             |     |

|       |                                                                                                                                                                |     |        |                                                                                                               |     |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|---------------------------------------------------------------------------------------------------------------|-----|
| 3.6.3 | Apioninae Schoenherr, 1823<br><i>Miguel A. Alonso-Zarazaga and<br/>Marek Wanat</i> . . . . .                                                                   | 395 | 3.7.6  | Lixinae Schoenherr, 1823<br><i>Massimo Meregalli</i> . . . . .                                                | 523 |
| 3.6.4 | Nanophyinae Gistel, 1848<br><i>Miguel A. Alonso-Zarazaga</i> . . . . .                                                                                         | 416 | 3.7.7  | Molytinae Schoenherr, 1823<br><i>Christopher H. C. Lyal</i> . . . . .                                         | 529 |
| 3.7   | Curculionidae Latreille, 1802<br><i>Rolf G. Oberprieler</i> . . . . .                                                                                          | 423 | 3.7.8  | Mesoptiliinae Lacordaire, 1863<br><i>Christopher H. C. Lyal</i> . . . . .                                     | 570 |
| 3.7.1 | Brachycerinae Billberg, 1820<br><i>Rolf G. Oberprieler</i> . . . . .                                                                                           | 424 | 3.7.9  | Conoderinae Schoenherr, 1833<br><i>Jens Prena, Enzo Colonnelli and<br/>Henry A. Hespenheide</i> . . . . .     | 577 |
| 3.7.2 | Bagoini Thomson, 1859; Gonipterini<br>Lacordaire, 1863; Hyperini Marseul, 1863<br><i>Rolf G. Oberprieler, Roberto Caldara and<br/>Jiri Skuhrovec</i> . . . . . | 452 | 3.7.10 | Curculioninae Latreille, 1802<br><i>Roberto Caldara, Nico M. Franz, and Rolf G.<br/>Oberprieler</i> . . . . . | 589 |
| 3.7.3 | Dryophthorinae Schoenherr, 1825<br><i>Robert S. Anderson and<br/>Adriana E. Marvaldi</i> . . . . .                                                             | 477 | 3.7.11 | Cossoninae Schoenherr, 1825<br><i>Bjarte H. Jordal</i> . . . . .                                              | 629 |
| 3.7.4 | Cyclominae Schoenherr, 1826<br><i>Rolf G. Oberprieler</i> . . . . .                                                                                            | 483 | 3.7.12 | Scolytinae Latreille, 1806<br><i>Bjarte H. Jordal</i> . . . . .                                               | 633 |
| 3.7.5 | Entiminae Schoenherr, 1823<br><i>Adriana E. Marvaldi, Analía A.<br/>Lanteri, M. Guadalupe del Río and<br/>Rolf G. Oberprieler</i> . . . . .                    | 503 | 3.7.13 | Platypodinae Shuckard, 1840<br><i>Bjarte H. Jordal</i> . . . . .                                              | 642 |
|       |                                                                                                                                                                |     | Index  |                                                                                                               | 649 |