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## Some corrections to "The Beetles of Northeastern North America"

Compiled by Ross H. Arnett, Jr.

The following are some of the corrections that have been submitted, as noted in the text, for "Beetles of Northeastern North America," by Norville M. Downie and Ross H. Arnett, Jr. 1996, Gainesville: American Insect Projects, 1721 pp. Most of the following was sent by R. Lundgren (in 1996) of Archer, Florida.

Due to the death of N. M. Downie during the final stages of this book, I entirely overlooked the contribution of Dr. Jyrki Muona to family 56. EUCNEMIDAE. (pp. 828-837). Downie did not forward to me the correspondence he had with Dr. Muona. Actually, the entire section contains previously unpublished data, and authorship should be given to Dr. Muona. I am very sorry this oversight occurred, and I am grateful for this help.

### Volume I

- P. 23, (SOLERIINAE Newton and Thayer, 1992; not Nearctic): should be "SOLERINAE"
- P. 168, c.1. *S. duodecimatriata* (Chevrolet): should be listed under Genus 57. *Stenocrepis* Chaudoir, not Genus 56. *Oodes* Bonelli. Adjust information under Genus 57. *Stenocrepis* Chaudoir accordingly.
- P 178 c.1, 2. *S. spretus* Dejean: add "(2)" to distribution
- P. 193, c.1, 1. *P. pygmaeus* (Dejean): change "P." to "T."
- P. 229, c.1, Genus 2. *Celina* Aubé: change upper case "O." to a zero (0) in "Four of the 10 species..."
- P. 295, c.1, *E. pygmaeus nebulosus* (Say): delete FL from distribution (Gunderson. 1977. Coleop. Bull. 31: 251-272)
- P. 317, Family 18. PTILIIDAE According to Dybas (Soil Biology Guide p. 1096), the size of these beetles varies from 0.30 mm to 2.0 mm. Therefore, "their length ranging between 0.25 and 1.0 mm" may need adjustment.
- P. 323, c.2, 1. *P. lecontei* Gremminger and Harold: should be "Gemminger and Harold"
- P. 325, Family 19. LIMILODIDAE: should be "LIMULODIDAE"
- P. 327, c.2, 1. *L. testaceus* Mueller: should be "*L. orientamericanus* Peck" (Peck, 1982. Can. J. Zool. 601 1517-1527)
- Note:* The following corrections for the family Staphylinidae represent the specialized study of Randall Lundgren:
- P. 369, Family 27. STAPHYLINIDAE, L. 1.0-20 mm: on P. 560 the size of *Anacyptus testaceus* as 0.75 mm. (specimens of this species range from 0.9 to 1.0 mm) Adjust length for family accordingly.
- P. 369, Fig. 27.1. *Creophilus velosue* Gravenhorst: should be "*Creophilus maxillosue* (Linnaeus)" or "*Creophilus maxillosus villosus* (Gravenhorst)"
- P. 369, c.1, Subfamily 2. Xenthopygomae: change to "Xanthopyginae"
- P. 369, c.1, Tribe 2. Xantholini: should be "Xantholinini"
- P. 369, c.2, Tribe 6. Myrmedeniini: should be "Myrmedoniini"
- P. 372, Fig. 27.8. *Piestus extinus* Sharp: should be "*extimus*"
- P. 371, c.1 (in key), 1. Staphylinae: should be "Staphylininae"
- P. 376, Fig. 27.9. *Philonthus politus* Linnaeus: the beetle illustrated is not *E. politus*; it belongs to the genus *Staphylinus*. Perhaps it is *S. maculoaus*, in which case it should appear on p. 385 as Fig. 27.11.
- P. 378 c.1, 15. *P. dimidistus* Sahlberg: in distribution, change (2) to (4)
- P. 379, c. 1, 30. *P. brunneous* (Gravenhorst); should be "*brunneus*"
- P. 379, c.2, 30. *P. brunneum* (Gravenhorst): should be "*brunneus*"
- P. 383, c.1, Genus 5. *Gabronthus* Tottenham: "One species is found in North America" should be "One of the two North American species is found in the north-east" (Frank. 1983. Fla. Ent. 661 476, 478)
- P. 383, c.2, 2. *H. apicalis* (Say): should be "*spicalia*"

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- P. 384, Fig. 27.10. *O. ater* Gravenhorst: the beetle illustrated is not *Ocypus ater* (from "How to know the beetles"); it is not possible to identify this from the drawing.
- P. 385, c.2 (in key), 14. *S. violaceus* Gravenhorst: should be "*violaceus*"
- P. 385, Fig. 27.11. *S. maculosus* Gravenhorst: the beetle illustrated is not *Staphylinus maculosus*; it probably belongs in the genus *Philonthus*, in which case it may belong on p. 376 as Fig. 27.9.
- P. 386 c.2, 14. *S. violaceus* Gravenhorst: should be "*violaceus*"
- P. 401, c.1, 5. *N. fuscipes* (LeConte): should be "*fusciceps*"
- P.402, c.2, Genus 34. *Stictolinus* Casey: should be "*Xestolinus*"
- P. 402, c.2, 1. *S. abdominalis* Casey: "S." should be "X."
- P. 403, c.2, 3. *L. denticulatus* Casey: should be "*delicatus*"
- P. 404, c.1 3. *L. denticulatus* Casey should be "*delicatus*"
- P. 407, Fig. 27.13. *S. exiguus* Erichson: the beetle illustrated is not *Scopseus exiguus*; it is probably *Clavilispinus exiguus* (Erichson) and belongs on p. 427 or 428
- P. 410, c.1, 5. *L. punctatum* Casey: should be "*punctulatum*"
- P. 410, both columns of key, 9. *L. lacustre* (Casey): should be "*leustris*"
- P. 413, c.2, 32. *L. gravidulus* Casey: should be "*gravidulum*"
- P. 415 c.2, 32. *L. ravidulum* Casay: should be "*gravidulum*"
- P. 418, c.2 (in key), 16. *L. perfragile* Scheer and 19. *L. inviolatum* Scheer: author of both names should be Scheerpeltz.
- P. 419 c.2, 16. *L. perfragile* Scheer and 19. *L. inviolatum* Scheer: author of both names should be Scheerpeltz
- P. 422, c.2, 13. *H. pallipes* (Gravenhorst): change "(1) VA, FL" to "(2) VA, FL"
- P. 425, c.1 (in key and species account) 3. *P. testaceus* Erichson: should be "*testaceus*"
- P. 426, c.1, 2. *M. sculptus*: in distribution, change "(2) UT; (3) TX" to "(3) TX, UT"
- P. 427, c.2, 1. *N. tennellus* Erichson: should be "*tenellus*"
- P. 429, c.2, Genus 68. *Proteinus* Latreille: "Two of the 8 known North American species..." should be "Three of the 9 known North American species\_" *P. thomasi* Frank is known from NJ (Frank, 1979. Fla. Ent. 62:329-340).
- P. 430. c.2, 77. *Trichonodemus* LeConte: should be "*Trigonodemus*"
- P. 430, c.1, 81. *Epheljnus* Cockerell: *Ephelinus* is Genus 80 (p. 435).
- P. 430, c.1, 82. *Boreaphilus* Sahlberg: *Boreaphilus* is Genus 81 (p. 436)
- P. 430, c. 2, 84. *Micralymma* Weetwood: *Micralymma* is Genus 83 (p. 436).
- P. 430, c.1, 85. *Haloboreaphilus* Campbell: should be "*Holoboreaphilus*" and Genus 82 (p. 436),
- P. 430, c.2, 87. *Pycnoglypta* Thomson; *Pycnoglypta* is Genus 86 (p. 437)
- P.430, c.2, 88. *Omalius* Gravenhorst: *Omalius* is Genus 87 (p. 437)
- P. 430, c.2, 89. *Phloeonomus* Heer: *Phloeonomus* is Genus 88 (p. 438)
- P. 430, c.1, 90. *Lesteva* Latreille: *Lesteva* is Genus 89 (p. 438)
- P. 430, c.1, 91. *Euephalerum* Kraetz; *Eusphalerum* is Genus 90 (p. 438)
- P. 431, c.1, 85. *Hapsleraea*, Thomson: should be "Thomson" and Genus 84 (p. 436)
- P. 431, c.1, 86. *Elonium* Leach: *Elonium* is Genus 85 (p.436)
- P. 431 c.1, *A. schwarzi* Fauvel: in distribution, VA appears twice
- P.435, c.1, (in key and species account), 1. *P. brunneous* (Say): should be "*brunneus*"
- P. 439, c.2, 1. *B. picticornis* LeConte: should be: "*varicornis*"
- P. 443, c.2, *C. quadripunctatus* (Say): should be "*quadripunctatus*"
- P. 448, c.2, *A. insectatus* (Gravenhorst): should be "*insectatus*"
- P. 452, c.2, Group 3. *Semiferregineus*: should be "*semiferregineus*"
- P. 457, c.2, 1. *O. quinque maculata* LeConte: should be "*quinque maculatus*"
- P.458, c.1, 1. *O. quinque maculata* LeConte: should be "*quinque maculatus*"
- P. 460, c.2, 7. *E. ganglbauri* Bernhauer: should be "*ganglbauri*"
- P. 460, c.2, *E. subviridipennis* Bernhauer: should be "*subviridipennis*"
- P. 460, c.2. *E. subviridipennis* Bernhauer; distribution should be "(1) MA"
- P. 462, c.1, Genus 110. *Charhypus* Sharp; should be "*Charhyphus*"
- P. 463, c.2 (in key), 2. *B. testaceus* LeConte: should be "*testaceus*"
- P. 468-469, Key to the northeastern species of *Mycetoporos*: "3. *M. triangulatus* LeConte" not included in key.

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- P. 475, c.2: delete bottom line.
- P. 479, c.1, Genus 120. *Coprophorus* Kraatz: should be "*Coproporus*"
- P. 480, c.2, 2. *S. testaceus* (Fabricius): should be "*testaceus*"
- P. 481, c.1, 2. *S. testaceus* (Fabricius): should be "*testaceus*"
- P. 484-495: *Stenus cubensis* Bernhauer and *Stenus virginia* Casey: should have been included (Puthz. 1974. Ent. News 85: 9-11).
- P. 496, c.1, Tribe 7. Cyrophaenini: should be "Gyrophae-nini"
- P. 506, c.1, Genus 147. *Merona* Sharp: should be "*Merone-ra*"
- P. 506, c.1 (in species account), 1. *M. venestula* (Erich-son): should be "*venuatula*"
- P. 508-510, Key to Northeastern genera of Tribe Atheti-ni: Genus 172. *Micrearota* Casey is missing from key.
- P. 510, c.1, 168. *Pseudomegister* Bernhauer: should be "*Pseudomegista*"
- P. 510, c.1, 172. *Microdota* Mulsant and Rey: *Microdota* is Genus 173 (p. 522)
- P. 510, c.1, 173. *Noverota* Casey: *Noverota* is Genus 174 (p. 523)
- P. 510, c.1 (in key), 174. *Micratheta* Cassy: Genus 174 is *Noverota*; *Micratheta* is missing in species accounts.
- P. 514, c.1, 20. *A. insula* (Casey): should be "*insulsa*"
- P. 516, c.1 (in key) and c.2, 8. *D. schemata* Casey: should be "*schematica*"
- P. 517, c.1, *D. nuptialis* Caseys: should be "*nuptalis*"
- P. 518, c.2, 2. *P. puricola* Casey: should be "*puricula*"
- P. 519, c.2, 1. *A. notmani* Moore and Legner: should be "1. *A. brevipennis* Notman (= *Athets notmani* Moore and Legner)"
- P. 521, c.2, 5. *H. tinctina* Moore: should be "*tincta* Not-man"
- P. 522, c.1, 5. *H. tinctina* Moore: should be "5. *H. tincta* Notman (= *Atheta tinctina* Moore and Legner)"
- P. 526-527, Genus 177. *Xenota*. "At this time we find that it is impossible to do any more then to refer interest-ed persons to Seever's (sic) list of about 75 species from the northeast. One example follows." The ex-ample (*X. dentata* Bernhauer), however, is not one of Seevers' 75 species; rather, Seevers placed *dentata* in the genus *Earota*, not in the genus *Xenota*.
- P. 535, both columns, 1. *T. brunneous* Casey: should be "*brunneus*"
- P. 536, c.2, Tribe 5. Falagriini; "Species in this genus..." should be "Species in this tribe..."
- P. 546, c.1, 2. *G. neonana* Seevers: in distribution, change "(4) NC" to "(2) NC"
- P. 551, c.1, 33. *G. michigena* Seevers: there is an extra (1) in the distribution.
- P. 559, c.2, 8. *M. kaskaskie* Klimazewski: should be "*kaskaskia*"
- P. 560, c.1, 1. *A. testaceus* (LeConte); should be "*testa-ceus*"

#### End of STAPHYLINIDAE

- P. 617, c.2, Key to the northeastern species of *Marga-ronotus*: should be "*Margarinotus*"
- P. 662 c.2, 9. *G. splendidus splendidus* (Fabricius): delete "<" from "distribution."
- P. 680, c.1, 35. *O. futilis* (LeConte): change "O." to "P."
- P. 683, c.1, 56. *P. fosteri* (Burmeister): should be "*forsteri*"
- P. 689, c.1, 6. *A. unbra* Casey: should be "*umbra*"
- P. 777, c.1. *L. sallei*. (Candeze): should be "(LeConte)"
- P. 778, c.1. *L. marmorata* (Fabricius): in dis-tribution, NC does not belong in region (4)
- P. 808, c.1, 3. *S. silaceus* (Say): should be "*silaceus*"
- P. 818, c.1, 3. *M. decumenus* (Erichson): in dis-tribution, change "(4)" to "(2)"
- P. 819 c.2, 25. *M. testaceus* (Melsheimer): should be "*testaceus*"
- P. 822, c.1. *H. curistus* (Say): in distribution, add "(2)" for VA, FL, and AL.
- P. 823, c.1, Genus 1. *Drapetes* Dejean: belongs in Family 52. ELATERIDAE (Becker, in Stehr, 1991. Imma-ture Insects 2: 410).
- P. 827 c.1, 1. *P. mucida* (Gyllanhal): in distribution, change "(4)" to "(2)"
- P. 848, c.1, 3. *P. decipiens* (Harris): in distribution, change second "(1)" to "(2)"
- P. 855, c.2, 1. *P. rugosulus* LeConte: should be "*rugosulus*"
- P. 857, c.2 (17. *P. punctulatus* LeConte): in distribution, TX does not belong in region (2).
- P. 876, c.2, 10. *P. volutus* Green: should be "*volatus*"
- P. 877, c.2, 10. *P. volutus* Green: should be "*volatus*"

#### Volume II

- P. 952, c.2, *N. damicornis* (Say): should be "(Fabricius)"
- P. 980. Genus 24. *Oxycnemus*: change "P." in front of specific names to "O."
- P. 1088, c.1 (in key and heading for species accounts), *Gnathocerus* Thymberg: should be "Thunberg"
- P. 1088, both columns (incl. Fig. 103.4), *G. mandibularis* (Fabricius): should be "*maxillosus*"
- P. 1091, c.2, 2. *D. plana*, (Fabricius): change "D." to "A."
- P. 1094, c.1, 2. *A. barbata* Knoch: insert "(2)" in distribu-tion
- P. 1095, c.2. 1. *A. brunneus* (Siegler): should be "(Ziegler)"
- P. 1100p c.1 (in key), *L. atra* (Melsheimer): should be "*nigrans*"
- P. 1100, c.1, 2. *L. nigricans* (Melsheimer): should be "*nigrans*"
- P. 1106, c.2, 2. *A. femorstus* (Olivier): should be "*femora-lis*"
- P. 1107, c.1, 2. *A. femoratus* (Olivier): should be "*femora-lis*"
- P. 1112, c.1 (*S. alternans*): CA does not belong in region (2).
- P. 1113, c.1, 4. *Trimalus* Casey: should be "*Thrimolus*"

- P. 1115, c.2, Genus 4. *Trimalus* Casey: should be "*Thrimolus*"
- P. 1124, c.1, 10. *C. subtilis* Mellie: should be "*subtilis*"
- P. 1129, c.2 (species account), *S. parvula* Guérin: change "S." to "M." and "*parvula*" to "*parvulus*"
- P. 1130, c.1, 1. *S. marginicollis* (Melsheimer): should be "*marginalis*"
- P. 1169, c.2, 60. *M. pubescence* (Fabricius): should be "*pubeacens*"
- P. 1192, c.1, 7. *A. icterus* LeFerte: should be "*ictericus*"
- P. 1195, c.1 (species account), 1. *T. interruptus* LeFerte: should be "LaFerte"
- P. 1221, c.2 (species account), 1. *S. litigosus* (Casey): should be "*litigosus*"
- P. 1223, c.2, 6. *P. testaceous* (Linnaeus): should be "*testaceus*"
- P. 1224, c.1, 6. *P. testaceous* (Linnaeus): should be "*testaceus*"
- P. 1263, c.2, 1. *G. triangulifer* (Haldeman), 2. *G. fasciatua* (DeGeer), and 3. *G. despectus* (LeConte): change "G." to "U"
- P. 1264, c.1, 1. *G. triangulifer* (Haldeman), 2. *G. fasciatus* (DeGeer), and 3. *G. despectus* (LeConte): change "G." to "U."
- P. 1264, Fig. 127.93, *G. fascistus* (DeGeer): change "G." to "U."
- P. 1347, c.2, 68. *Ceratoma* Chevrolat: should be "*Cerotoma*"
- P. 1356, c.1, Genus 68. *Ceratoma* Chevrolat: should be "*Cerotoma*"
- P. 1385, c.2, 2. *K. finbrista* (Forster): should be "*fimbriata*"
- P. 1428, c.1, 2. *H. porculus* Eichhoff: should be "Erichson"
- P. 1428, c.2, 3. *H. salebrosus* Eichson: should be "Eichhoff". The author's name should also be corrected from "Eichson" to "Eichhoff" on pp. 1429 (twice), 1434, 1440 (twice), 1441, 1447 (four times), 1448, and 1452.
- P. 1441, c.2, Key to northeastern species of *Drycoetes*: should be "*Dryocoetes*"
- P. 1443, c.2 (in species account), 1. *C. alutaceous* Schwarz: should be "*alutecus*"
- P. 1461, c.2, 2. *A. nigripes* LeConte: should be "*nigripes*"
- P. 1465, c.1, Genus 10. *Pterocolius* Say: should be "*Pterocolus*"
- P. 1522, c.1, 82. *Tanyspherus* Germer: should be "*Tanysphyrus*"
- P. 1522, c.1, 84. *Lissorhopterus* LeConte: should be "*Lissorhoptrus*"
- P. 1533, c.1, Genus 82, *Tanyspherus* Germar: should be "*Tanysphyrus*"
- P. 1536, c.2, Genus 84. *Lissorhopterus* LeConte: should be "*Lissorhoptrus*"
- P. 1536, c.2, Key to males of northeastern *Lissorhopterus*: should be "*Lissorhoptrus*"
- P. 1556, c.1, 26. *A. iuniperinus* (Sanborn): should be "*juniperinus*"
- P. 1612, c.1, 189. *Siberiops* Casey: should be "*Sibariops*"
- P. 1628, c.2, Genus 189. *Siberiops* Casey: should be "*Sibariops*"
- P. 1655, c.1, Genus 222. *Dryophthornus* Schoenherr: should be "*Dryophthorus*"

There are more corrections to be found and reported. Readers, please send your findings to Ross h. Arnett, Jr. email: oedemeridae@msn.com.

#### New References:

- Baranowski, Rickard. 1993. Revision of the genus *Leiodes* Latreille of North and Central America (Coleoptera: Leiodidae). Entomologica Scandinavica, Supplement no. 42, 149 pp.
- Muoma, J. 1993. Review of the phylogeny, classification and biology of the family Eucnemidae (Coleoptera). Entomologica Scandinavica, Supplement no. 44, 133 pp.

Acknowledgements: I thank Randall Lundgren for these correction. Also, Howard Frank (University of Florida) has contributed to the Staphylinidae section.