

A1. Appendix 1, base prediction variables.

1

Bioclimatic variables

wc_bio1 = Annual Mean Temperature

wc_bio2 = Mean Diurnal Range (Mean of monthly (max temp - min temp))

wc_bio3 = Isothermality (BIO2/BIO7) ($\times 100$)

wc_bio4 = Temperature Seasonality (standard deviation $\times 100$)

wc_bio5 = Max Temperature of Warmest Month

wc_bio6 = Min Temperature of Coldest Month

wc_bio7 = Temperature Annual Range (BIO5-BIO6)

wc_bio8 = Mean Temperature of Wettest Quarter

wc_bio9 = Mean Temperature of Driest Quarter

wc_bio10 = Mean Temperature of Warmest Quarter

wc_bio11 = Mean Temperature of Coldest Quarter

wc_bio12 = Annual Precipitation

wc_bio13 = Precipitation of Wettest Month

wc_bio14 = Precipitation of Driest Month

wc_bio15 = Precipitation Seasonality (Coefficient of Variation)

wc_bio16 = Precipitation of Wettest Quarter

wc_bio17 = Precipitation of Driest Quarter

wc_bio18 = Precipitation of Warmest Quarter

wc_bio19 = Precipitation of Coldest Quarter

Topographic variables

Elevation

Aspect

Topographic Index

2

3

4 **A2. Appendix 2, Cerambycidae species in México. The number of records is in brackets.**

5

6 Cerambycidae Latreille, 1802

7 Prioninae Latreille, 1802

8 Macrotomini Thomson, 1861

9 *Mallodon chevrolatii chevrolatii* Thomson, 1867 [1]

10 *Nothopleurus serratus* (Thomson, 1865) [10]

11 *Parastrongylaspis thomasi* Giesbert, 1992 [1]

12

13 Prionini Latreille, 1802

14 *Derobrachus geminatus* LeConte, 1853 [7]

15

16 Lepturinae Latreille, 1802

17 Lepturini Latreille, 1802

18 *Judolia sexspitola* (LeConte, 1859) [1]

19 *Choriolaus derhami* Chemsak & Linsley, 1976 [1]

- 20 *Choriolaus howdeni* Giesbert & Wappes, 1999 [5]
- 21 *Megachoriolaus chemsaki* Linsley, 1970 [2]
- 22 *Megachoriolaus yucatanus* Giesbert & Wappes, 1999 [3]
- 23 *Nemognathomimus opacipennis* Chemsak & Noguera, 1993 [3]
- 24 *Nemognathomimus pallidulus* (Linsley, 1935) [6]
- 25 *Strangalia biannulata* (Linsley, 1935) [5]
- 26 *Strangalia bicolorella* Chemsak, 1969 [3]
- 27 *Strangalia beierli* Giesbert , 1997 [2]
- 28 *Strangalia brachialis* (Bates, 1885) [5]
- 29 *Strangalia cavaventra* Chemsak, 1969 [1]
- 30 *Strangalia doliceps* Chemsak, 1969 [1]
- 31 *Strangalia doyenii* Chemsak & Linsley, 1976 [2]
- 32 *Strangalia elegans* Giesbert 1977 [1]
- 33 *Strangalia montivaga* Chemsak & Linsley, 1976 [2]
- 34 *Strangalia palaspina* Chemsak, 1969 [1]
- 35 *Strangalia pectoralis* (Bates, 1885) [2]
- 36 *Strangalia westcotti* Chemsak & Linsley, 1976 [1]
- 37
- 38 Cerambycinae Latreille, 1802
- 39 Achrysonini Lacordaire, 1868
- 40 *Achryson surinamum* (Linnaeus, 1767) [7]
- 41

- 42 Cerambycini Latreille, 1802
- 43 Cerambycina Latreille, 1802
- 44 *Hamaderus yucatecus* (Chemsak y Noguera, 1997) [5]
- 45
- 46 Chlorophoritae Zamoraka, 2021
- 47 Clytini Mulsant, 1839
- 48 Clytina Zamoraka, 2021
- 49 *Anthoboscus oculatus* Giesbert, 1992 [1]
- 50 *Unaiuba giesberti* (Chemsak & Noguera, 1995) [1]
- 51 *Mecometopus sarukhani* (Chemsak & Noguera, 1995) [2]
- 52 *Xylotrechus insignis* LeConte, 1873 [1]
- 53
- 54 Plagionotina Zamoraka, 2021
- 55 *Megacyllene antennata* (White, 1885) [1]
- 56
- 57 Eburini Blanchard, 1845
- 58 *Eburia aegrota* Bates, 1880 [11]
- 59 *Eburia aliciae* Noguera, 2002 [3]
- 60 *Eburia baroni* Bates, 1892 [5]
- 61 *Eburia brevicornis* Chemsak & Linsley, 1973 [3]
- 62 *Eburia brevispinis* Bates, 1880 [23]
- 63 *Eburia brunneicomis* Chemsak & Linsley, 1973 [3]

- 64 *Eburia championi* Bates, 1880 [2]
- 65 *Eburia chemsaki* Noguera, 2002 [15]
- 66 *Eburia clara* Bates, 1884 [10]
- 67 *Eburia cruciata* (Linsley, 1935) [5]
- 68 *Eburia cubae* Fisher, 1932 [6]
- 69 *Eburia elegans* Chemsak & Linsley, 1973 [1]
- 70 *Susuacanga falli* (Linsley, 1940) [2]
- 71 *Eburia haldemani* LeConte, 1851 [11]
- 72 *Eburia inarmata* Chemsak & Linsley, 1973 [1]
- 73 *Eburia juanitae* Chemsak & Linsley, 1970 [7]
- 74 *Eburia laticollis* Bates, 1880 [37]
- 75 *Eburia latispina* Chemsak & Linsley, 1973 [1]
- 76 *Eburia maccartyi* Noguera, 2002 [6]
- 77 *Eburia mutica* LeConte, 1853 [17]
- 78 *Eburia nigrovittata* Bates, 1884 [25]
- 79 *Eburia ovicollis* LeConte, 1873 [7]
- 80 *Eburia paraegrota* Chemsak & Linsley, 1973 [8]
- 81 *Eburia pedestris* White, 1853 [11]
- 82 *Eburia perezii* Chemsak & Giesbert, 1986 [4]
- 83 *Eburia porulosa* Bates, 1892 [14]
- 84 *Eburia powelli* Chemsak & Linsley, 1970 [9]
- 85 *Eburia ribardoi* Noguera, 2002 [11]

- 86 *Eburia schusteri* Giesbert, 1993 [3]
- 87 *Eburia stigma* (Olivier, 1795) [5]
- 88 *Eburia submutata* Chemsak & Linsley, 1973 [10]
- 89 *Eburia terroni* Noguera, 2002 [3]
- 90 *Eburia velmae* McCarty, 1993 [3]
- 91 *Pantomallus fuligineus* Bates, 1872 [6]
- 92 *Susuacanga blancaneau* (Bates, 1880) [2]
- 93 *Susuacanga hatsueae* (Chemsak & Giesbert, 1986) [1]
- 94 *Susuacanga patruelis* (Bates, 1884) [14]
- 95 *Susuacanga opaca* (Chemsak & Linsley, 1973) [8]
- 96 *Susuacanga poricollis* (Chemsak & Linsley, 1973) [10]
- 97 *Susuacanga rotundipennis* (Bates, 1884) [5]
- 98 *Susuacanga stigmatica* (Chevrolat, 1834) [32]
- 99 *Susuacanga ulkei* (Bland, 1862) [22]
- 100
- 101 Elaphidiini Thomson, 1864
- 102 *Alicianella quadrimaculata* (Noguera, 2005) [2]
- 103 *Aneflomorpha australis* Linsley, 1942 [1]
- 104 *Aneflomorpha brevipila* Chemsak y Noguera, 2005 [1]
- 105 *Aneflus (Aneflus) calvatus* Horn, 1885 [1]
- 106 *Aneflomorpha crinita* Chemsak & Linsley, 1975 [3]
- 107 *Aneflomorpha exilis* Chemsak y Noguera, 2005 [1]

- 108 *Aneflomorpha giesberti* Chemsak & Linsley, 1975 [1]
- 109 *Aneflomorpha grandicollis* (Linsley, 1942) [1]
- 110 *Aneflomorpha hovorei* Chemsak y Noguera, 2005 [2]
- 111 *Aneflomorpha longispina* Chemsak & Noguera, 2005[2]
- 112 *Aneflomorpha modica* Chemsak & Noguera, 2005 [1]
- 113 *Aneflomorpha preclara* Chemsak & Linsley, 1975 [1]
- 114 *Aneflomorpha pueblae* Chemsak & Noguera, 2005 [3]
- 115 *Aneflomorpha rosaliae* Linsley, 1942 [1]
- 116 *Aneflomorpha ruficollis* Chemsak & Linsley, 1975 [7]
- 117 *Aneflomorpha volitans* (LeConte, 1873) [8]
- 118 *Aneflomorpha wappesi* Chemsak & Noguera, 2005 [1]
- 119 *Aneflus* (*Aneflus*) *poriferus* Giesbert, 1993 [2]
- 120 *Aneflus* (*Aneflus*) *prolixus prolixus* LeConte, 1873 [2]
- 121 *Anelaphus albopilus* Chemsak & Noguera, 2003 [1]
- 122 *Anelaphus badius* Chemsak, 1991 [4]
- 123 *Anelaphus brevidens* (Schaeffer, 1908) [3]
- 124 *Anelaphus bupalpus* (Chemsak, 1991) [2]
- 125 *Anelaphus hirtus* Chemsak & Noguera, 2003 [4]
- 126 *Anelaphus maculatum* (Chemsak & Noguera, 1995) [7]
- 127 *Anelaphus michelbacheri* Linsley, 1942 [1]
- 128 *Anelaphus punctatus* (LeConte, 1873) [6]
- 129 *Anelaphus subdepressus* (Schaeffer, 1904) [6]

- 130 *Anelaphus submoestus* Linsley, 1942 [3]
- 131 *Anelaphus vernus* Chemsak, 1991 [1]
- 132 *Anopliomorpha antennata* Chemsak & Noguera, 1993 [3]
- 133 *Anopliomorpha gracilis* Chemsak & Noguera, 1993 [5]
- 134 *Anopliomorpha rinconia* (Casey, 1924) [6]
- 135 *Anoplocurius incompletus* Linsley, 1942 [1]
- 136 *Eustromula validum* (LeConte, 1858) [14]
- 137 *Metironeus hesperus* Chemsak, 1991 [17]
- 138 *Metironeus hovorei hovorei* Chemsak, 1991 [4]
- 139 *Metironeus hovorei ruficollis* Chemsak, 1991 [10]
- 140 *Micraneflus imbellis* (Casey, 1914) [3]
- 141 *Micropsyrassa bimaculata* (Bates, 1872) [4]
- 142 *Micropsyrassa glabrata* Martins & Chemsak, 1966 [1]
- 143 *Micropsyrassa nitida* Martins & Chemsak, 1966 [2]
- 144 *Micropsyrassa opaca* Martins & Chemsak, 1966 [2]
- 145 *Micropsyrassa pilosella* (Bates, 1892) [2]
- 146 *Micropsyrassa reticulata* Martins & Chemsak, 1966 [3]
- 147 *Micropsyrassa stellata* Martins & Chemsak, 1966 [1]
- 148 *Neoperiboeum juanita* Chemsak, 1991 [6]
- 149 *Orwellion gibbulum arizonense* (Casey, 1891) [1]
- 150 *Orwellion gibbulum gibbulum* (Bates, 1880) [2]
- 151 *Psyrrassa aliena* (Linsley, 1934) [2]

- 152 *Psyrassa angelicae* Toledo, 2005 [2]
- 153 *Psyrassa basicornis* Pascoe, 1866 [43]
- 154 *Psyrassa brevicornis* Linsley, 1934 [5]
- 155 *Psyrassa castanea* Bates, 1880 [19]
- 156 *Psyrassa chamelae* Toledo, 2005 [3]
- 157 *Psyrassa chemsaki* Toledo, 2002 [2]
- 158 *Psyrassa chiapaneca* (Giesbert, 1993) [1]
- 159 *Psyrassa cribricollis* (Bates, 1885) [7]
- 160 *Psyrassa crupina* García & Toledo, 2022 [1]
- 161 *Psyrassa cylindricollis* Linsley, 1935 [28]
- 162 *Psyrassa katsurae* Chemsak & Noguera, 1993 [6]
- 163 *Psyrassa levicollis* Chemsak & Noguera, 1993 [6]
- 164 *Psyrassa megalops* Chemsak & Noguera, 1993 [10]
- 165 *Psyrassa nigricornis* Bates, 1892 [8]
- 166 *Psyrassa nigripes* Linsley, 1935 [3]
- 167 *Psyrassa nigroaenea* Bates, 1892 [8]
- 168 *Psyrassa oaxacae* Toledo, 2002 [4]
- 169 *Psyrassa proxima* Toledo, 2005 [1]
- 170 *Psyrassa rufofemorata* Linsley, 1935 [1]
- 171 *Psyrassa sallaei* Bates, 1885 [6]
- 172 *Psyrassa sinaloae* Linsley, 1935 [11]
- 173 *Psyrassa sthenias* Bates, 1892 [27]

- 174 *Psyrassa tympanophora* Bates, 1885 [3]
- 175 *Psyrassaforma nítida* Chemsak, 1991 [1]
- 176 *Stenosphenus sobrius* (Newman, 1840) [1]
- 177
- 178 Graciliini Mulsant, 1839
- 179 *Perigracilia tenuis* Linsley, 1942 [2]
- 180
- 181 Hesperophanini Mulsant, 1839
- 182 *Anatinomma alveolatum* Bates, 1892 [7]
- 183 *Austranoplium concolor* Chemsak & Linsley, 1963 [1]
- 184 *Austrophanes robustum* Chemsak & Linsley, 1963 [2]
- 185 *Cacophrissus maculipennis* Chemsak & Linsley, 1963 [1]
- 186 *Cacophrissus pauper* Bates, 1885 [1]
- 187 *Cacophrissus pubescens* Chemsak & Linsley, 1963 [1]
- 188 *Haplidus parvulus* Chemsak & Linsley, 1963 [1]
- 189 *Makromastax mandibularis* (Chemsak & Linsley, 1963) [1]
- 190 *Malobidion auricome* Chemsak & Linsley, 1963 [1]
- 191 *Malobidion grande* Chemsak & Linsley, 1963 [1]
- 192 *Osmidus guttatus* LeConte, 1873 [13]
- 193 *Perilasius championi* Bates 1880 [1]
- 194 *Xeranoplium bicolor* Chemsak & Linsley, 1963 [1]
- 195 *Xeranoplium flavofemoratum* Chemsak & Linsley, 1963 [1]

196 *Xeranoplium peninsulare* Chemsak & Linsley, 1963 [1]
197 *Xeranoplium puncticolle* Chemsak & Linsley, 1963 [1]
198 *Xeranoplium ruficolle* Chemsak & Linsley, 1963 [1]
199
200 Hexoplonini Martins, 2006
201 *Hexoplon calligrammum* Bates 1885 [4]
202
203 Hyboderini Linsley, 1940
204 *Pachymerola mariaeugeniae* Noguera 2005 [4]
205 *Pachymerola ruficollis ruficollis* Giesbert 1987 [12]
206 *Pachymerola toledo* Chemsak & Noguera 1997 [1]
207
208 Methiini Thomson, 1860
209 *Methia debilis* (Horn, 1895) [7]
210 *Methia pallidipennis* Linsley 1942 [1]
211 *Methia picta* Linsley 1942 [8]
212 *Methia subarmata* Linsley 1942 [1]
213 *Styloxus angeleasae* Noguera 2005 [3]
214 *Styloxus lucanus* LeConte 1873 [7]
215
216 Obriini Mulsant, 1839
217 *Obrium albifasciatum* Bates 1872 [1]

- 218 *Obrium balteatum* Hovore & Chemsak 1980 [1]
- 219 *Obrium batesi* Hovore & Chemsak 1980 [1]
- 220 *Obrium giesberti* Hovore & Chemsak 1980 [1]
- 221 *Obrium constricticolle* Schaeffer 1908 [4]
- 222 *Obrium cruciferum* Bates 1885 [2]
- 223 *Obrium dimidiatum* Hovore & Chemsak 1980 [1]
- 224 *Obrium discoideum* (LeConte, 1873) [2]
- 225 *Obrium dominicum* Linsley 1957 [1]
- 226 *Obrium giesberti* Hovore & Chemsak 1980 [1]
- 227 *Obrium planicolle* Hovore & Chemsak 1980 [2]
- 228
- 229 Oemini Lacordaire, 1868
- 230 *Malacopterus tenellus* (Fabricius, 1801) [1]
- 231
- 232 Psebiini Lacordaire, 1868
- 233 *Hovorea chica* Chemsak & Noguera 1993 [1]
- 234
- 235 Neocorini Martins, 2005
- 236 *Coscinedes gracilis* Bates 1885 [3]
- 237
- 238 Rhinotragini Thomson, 1861
- 239 *Acyderophes fulgida* (Chemsak & Linsley, 1979) [1]

240 *Ameriphoderes acutipennis* (Thomson, 1861) [3]
241 *Ameriphoderes amoena* (Chemsak & Linsley, 1979) [11]
242 *Ameriphoderes parva* (Chemsak & Linsley, 1979) [8]
243 *Ameriphoderes prolixa* (Chemsak & Linsley, 1979) [1]
244 *Ameriphoderes yucateca* (Bates, 1892) [5]
245 *Amerispheca delicata* (Horn, 1894) [1]
246 *Brachyphoderes longicollis* (Chemsak & Noguera, 1993) [2]
247 *Chrysaethe viriditincta* (Giesbert, 1991) [1]
248 *Crossomeles acutipennis* Chemsak & Noguera 1993 [3]
249 *Crossomeles aureopilis* (Fisher, 1953) [3]
250 *Eclipta championella* (Bates, 1880) [4]
251 *Eclipta cyanea* (Bates, 1885) [2]
252 *Forficuladeres sexualis* (Linsley, 1934) [4]
253 *Odontocera clara* Bates 1873 [4]
254 *Odontocera fuscicornis* Bates 1885 [1]
255 *Odontogracilis cracentis* (Chemsak & Noguera, 1997) [1]
256 *Ommata elegans* White 1855 [1]
257 *Sphecomorpha vespiventris* (Bates, 1880) [1]
258 *Tomopterus exilis* Chemsak & Linsley 1979 [1]
259 *Tomopterus vespoides* White 1855 [2]
260
261 Rhopalophorini Blanchard, 1845

- 262 *Dihammophora cylindricollis* Chemsak & Noguera 1993 [1]
263
264 Smodicini Lacordaire, 1868
265 *Smodicum pacificum* Linsley, 1934 [4]
266
267 Tillomorphini Lacordaire, 1868
268 *Euderces andersoni* Giesbert & Chemsak 1997 [1]
269 *Euderces auricaudus* Giesbert & Chemsak 1997 [22]
270 *Euderces basimaculatus* Giesbert & Chemsak 1997 [12]
271 *Euderces batesi* Giesbert & Chemsak 1997 [27]
272 *Euderces biplagiatus* Giesbert & Chemsak 1997 [4]
273 *Euderces brailovskyi* Giesbert & Chemsak 1997 [2]
274 *Euderces disparicrus* Giesbert & Chemsak 1997 [3]
275 *Euderces elvirae* Giesbert & Chemsak 1997 [2]
276 *Euderces grossistriatus* Giesbert & Chemsak 1997 [3]
277 *Euderces laevicauda* Bates, 1885 [1]
278 *Euderces longicollis* (Linsley, 1935) [1]
279 *Euderces noguerai* Giesbert & Chemsak 1997 [8]
280 *Euderces obliquefasciatus* Giesbert & Chemsak 1997 [1]
281 *Euderces parallelus* LeConte 1873 [3]
282 *Euderces perplexus* Giesbert & Chemsak 1997 [10]
283 *Euderces postipallidus* Giesbert & Chemsak 1997 [17]

- 284 *Euderces propinquus* Giesbert & Chemsak 1997 [4]
285 *Euderces pusillus* Giesbert & Chemsak 1997 [1]
286 *Euderces reticulatus* (Bates, 1885) [2]
287 *Euderces tibialis* Giesbert & Chemsak 1997 [1]
288 *Euderces turnbowi* Giesbert & Chemsak 1997 [3]
289 *Euderces wappesi* Giesbert & Chemsak 1997 [2]
290
291 Trachyderini Dupont, 1836
292 Trachyderina Dupont, 1836
293 *Chemsakia subarmata* Linsley, 1967 [1]
294 *Crossidius mexicanus* Chemsak & Noguera 1997 [3]
295 *Crossidius testaceus australis* Linsley 1942 [3]
296 *Elytroleptus apicalis* (LeConte, 1884) [1]
297 *Ischnocnemis eyai* Chemsak & Noguera 1997 [2]
298 *Ischnocnemis similis* Chemsak & Noguera 1997 [8]
299 *Neoxoplus cruentus* (LeConte, 1862) [3]
300 *Neoxoplus ivae* (Beierl & Barchet-Beierl, 2000) [2]
301 *Noguerana rodriguezae* Noguera 2005 [1]
302 *Plionoma basalis* (Horn, 1894) [2]
303 *Sphaenothecus argenteus* Bates 1880 [6]
304 *Sphaenothecus maccartyi* Chemsak & Noguera 1998 [4]
305 *Sphaenothecus picticornis* Bates 1880 [6]

- 306 *Sphaenothecus toledo* Chemsak & Noguera 1998 [1]
- 307 *Sphaenothecus trilineatus* Dupont 1838 [32]
- 308 *Dendrobias mandibularis mandibularis* Dupont in Audinet-Serville 1834 [1]
- 309
- 310 Tropidini Galileo & Martins, 2007
- 311 Compsina Martins & Galileo, 2007
- 312 *Heterachthes ebenus* Newman 1840 [3]
- 313 *Heterachthes integripennis* (Bates, 1885) [4]
- 314 *Heterachthes neocompsoides* Giesbert 1998 [2]
- 315 *Heterachthes polingi* (Fall, 1925) [1]
- 316 *Heterachthes w-notatus* (Linsley, 1935) [3]
- 317 *Heterocompsa aquilonia* Giesbert 1998 [1]
- 318 *Neocompsa alacris* (Bates, 1885) [24]
- 319 *Neocompsa clerochroa* (Thomson) 1867 [5]
- 320 *Neocompsa exclamationis* (Thomson, 1860) [9]
- 321 *Neocompsa mexicana* (Thomson, 1865) [3]
- 322 *Neocompsa puncticollis asperula* (Bates, 1885) [27]
- 323 *Neocompsa puncticollis orientalis* Martins & Chemsak 1966 [8]
- 324 *Neocompsa puncticollis puncticollis* (LeConte, 1873) [19]
- 325 *Neocompsa quadriplagiata* (LeConte, 1873) [5]
- 326 *Neocompsa tenuissima* (Bates, 1885) [15]
- 327 *Xalitla azteca* Lane 1959

328

329 Tropidini Galileo & Martins, 2007

330 Neoibidionina Monné, 2012

331 *Compsibidion vanum* (Thomson, 1867) [1]

332

333 Tropidini Galileo & Martins, 2007

334 Tropidina Martins & Galileo, 2007

335 *Alcyopis chalcea* Bates 1874 [2]

336 *Diasporidion duplicatum* (Gounelle, 1909) [2]

337

338 Incertae sedis

339 *Championa aliciae* Noguera & Chemsak, 1997 [2]

340 *Championa chemsaki* Martins & Napp, 1992 [1]

341 *Championa westcotti* Noguera & Chemsak, 1997 [2]

342

343

344 Lamiinae Latreille, 1825

345 Acanthocinini Blanchard, 1845

346 *Lagocheirus araneiformis ypsilon* (Voet, 1778) [60]

347 *Lagocheirus binumeratus* Thomson 1861 [29]

348 *Lagocheirus cristulatus* Bates 1872 [6]

349 *Lagocheirus funestus* Thomson 1865 [6]

- 350 *Lagocheirus integer* Bates 1885 [8]
- 351 *Lagocheirus lugubris* (Dillon, 1957) [4]
- 352 *Lagocheirus mecotrochanter* Toledo 1998 [1]
- 353 *Lagocheirus obsoletus* Thomson 1878 [92]
- 354 *Lagocheirus procerus* Casey 1913 [36]
- 355 *Lagocheirus simplicicornis* Bates 1872 [4]
- 356 *Lagocheirus wenzeli* Dillon 1957 [1]
- 357 *Lagocheirus xileuco* Toledo 1998 [3]
- 358 *Sternidius crassulus* LeConte, 1873 [3]
- 359 *Sternidiuis gracilipes* Linsley, 1942 [1]
- 360 *Sternidius nivosus* (Linsley, 1942) [3]
- 361 *Sternidius rosaliae* (Linsley, 1942) [1]
- 362 *Sternidius rossi* (Linsley, 1942) [1]
- 363 *Mecotetartus antennatus* Bates 1872 [4]
- 364 *Moneilema michelbacheri* Linsley 1942 [3]
- 365 *Moneilema rugosissimum* Casey 1924 [4]
- 366 *Moneilema subrugosum* Bland 1862 [3]
- 367
- 368 Acanthoderini Thomson, 1860
- 369 *Acanthoderes* (*Acanthoderes*) *amplifrons* Chemsak & Hovore 2002 [2]
- 370 *Acanthoderes* (*Acanthoderes*) *amplitoris* Chemsak & Hovore 2002 [3]
- 371 *Acanthoderes* (*Acanthoderes*) *bicolor* Chemsak & Hovore 2002 [4]

372 *Acanthoderes (Acanthoderes) latiforma* Chemsak & Hovore 2002 [3]
373 *Acanthoderes (Acanthoderes) linsleyi* Chemsak & Hovore 2002 [5]
374 *Acanthoderes (Acanthoderes) noguerai* Chemsak & Hovore 2002 [7]
375 *Aegomorphus albosignus* Chemsak y Noguera, 2005 [5]
376 *Aegomorphus maccartyi* (Chemsak & Hovore 2002) [2]
377 *Aegomorphus peninsularis* (Horn, 1880) [9]
378 *Aegomorphus ramirezi* (Chemsak & Hovore 2002) [3]
379 *Aegomorphus socorroensis* (Linsley, 1942) [1]
380 *Peritapnia fabra* Horn 1894 [4]
381 *Peritapnia nudicornis* (Bates, 1885) [9]
382 *Scythropopsis barrerae* (Laporte, 1840) [1]
383
384 Acrocinini Swainson, 1840
385 *Oreodera brailovskyi* Chemsak & Noguera, 1995 [1]
386
387 Agapanthiini Mulsant, 1839
388 *Pachypeza borealis* Hovore & Giesbert, 1998 [1]
389
390 Apomecynini Thomson, 1860
391 *Apomorrisia squamosus* (Chemsak & Noguera, 1995) [4]
392
393 Aerenicini Lacordaire, 1872

- 394 *Antodice chemsaki* McCarty, 2006 [1]
- 395 *Antodice cretata* Bates, 1872 [3]
- 396 *Antodice fasciata* Linsley, 1935 [1]
- 397 *Antodice inscripta* Lane, 1970 [5]
- 398 *Antodice nympa* Bates, 1881 [13]
- 399
- 400 *Desmiphorini* Thomson, 1860
- 401 *Cymatonycha fasciata* Chemsak & Noguera, 1995 [4]
- 402 *Desmiphora (Desmiphora) aegrota* Bates, 1880 [6]
- 403 *Desmiphora (Desmiphora) canescens* Bates, 1874 [2]
- 404 *Desmiphora (Desmiphora) chemsaki* Giesbert, 1998:32 [2]
- 405 *Desmiphora (Desmiphora) cirrosa* Erickson, 1847 [1]
- 406 *Desmiphora (Desmiphora) fasciculata* (Olivier, 1792) [1]
- 407 *Desmiphora (Desmiphora) hirticollis* (Olivier, 1795) [6]
- 408 *Desmiphora (Desmiphora) variola* Bates, 1866 [9]
- 409 *Estoloides chamelae* Chemsak & Noguera, 1995 [3]
- 410 *Estoloides scabracaulis* Chemsak & Noguera 1993 [2]
- 411 *Estoloides sordida* (LeConte, 1873) [3]
- 412 *Estoloides sparsa* Linsley 1942 [1]
- 413 *Eupogonius stellatus* Chemsak & Noguera 1993 [1]
- 414 *Pogonillus inermis* Bates 1885 [2]
- 415 *Tigrinestola tigrina* (Skinner, 1905) [1]

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417 Onciderini Thomson, 1860

418 *Microcanus minor* (Bates, 1885) [2]

419 *Oncideres albipilosa* Noguera, 1993 [2]

420 *Oncideres albomarginata chamela* Chemsak & Giesbert, 1986 [8]

421 *Oncideres cingulata texana* Horn, 1885 [15]

422 *Oncideres cumdisci* Noguera 1993 [1]

423 *Oncideres dorsomaculata* Noguera 1993 [2]

424 *Oncideres fisheri* Dillon & Dillon, 1946 [5]

425 *Oncideres fulvostillata* Bates, 1872 [2]

426 *Oncideres ocellaris* Bates 1885 [2]

427 *Oncideres pallifasciata* Noguera 1993 [2]

428 *Oncideres poecila* Bates 1880 [1]

429 *Oncideres pyrrothrix* Noguera 1993 [1]

430 *Oncideres putator putator* Thomson 1868 [8]

431 *Oncideres rhodosticta* Bates 1885 [13]

432 *Oncideres rubra* Franz 1959 [9]

433 *Oncideres scitula* Bates 1880 [9]

434 *Oncideres senilis* Bates 1885 [7]

435

436 Pogonocherini Mulsant, 1839

437 *Alphomorphus vandykei* (Linsley, 1930) [6]

- 438 *Ecyrus albifrons* Chemsak & Linsley 1975 [1]
- 439 *Ecyrus arcuatus* Gahan 1892 [1]
- 440 *Ecyrus ciliatus* Chemsak & Linsley 1975 [5]
- 441 *Ecyrus lineicollis* Chemsak & Linsley 1975 [9]
- 442 *Ecyrus pacificus* Linsley 1942 [2]
- 443 *Poliaenus concolor* (Schaeffer, 1909) [9]
- 444 *Poliaenus nuevoleonis* Chemsak & Linsley, 1975 [1]
- 445 *Poliaenus sparsus* Chemsak & Linsley 1975 [1]
- 446 *Poliaenus volitans* (LeConte, 1873) [10]
- 447
- 448 Pteropliini Thomson, 1860
- 449 *Ataxia alpha* Chemsak & Noguera, 1995 [1]
- 450 *Ataxia arizonica* Fisher, 1920 [4]
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- 452 Parmenini Mulsant, 1839
- 453 *Ipochus fasciatus* LeConte, 1852 [2]
- 454
- 455 Polyrrhaphidini Thomson, 1860
- 456 *Polyrrhaphis batesi* Hovore & McCarty, 1998 [7]
- 457 *Polyrrhaphis michaeli* McCarty, 1997 [19]
- 458
- 459 Tetraopini Thomson, 1860

- 460 *Phaea acromela* Pascoe, 1858 [21]
- 461 *Phaea bryani* Chemsak, 1999 [7]
- 462 *Phaea carnelia* Chemsak & Linsley, 1988 [6]
- 463 *Phaea erinae* Chemsak, 1999 [11]
- 464 *Phaea flavovittata* Bates, 1881 [6]
- 465 *Phaea haleya* Chemsak, 1999 [6]
- 466 *Phaea hogei* Bates, 1881 [5]
- 467 *Phaea juanita* Chemsak & Linsley, 1988 [14]
- 468 *Phaea kaitlinae* Chemsak, 1999 [12]
- 469 *Phaea kellyae* Chemsak, 1999 [9]
- 470 *Phaea laurieae* Chemsak, 1999 [2]
- 471 *Phaea linsleyi* Chemsak, 1999 [4]
- 472 *Phaea maccartyi* Chemsak, 1999 [9]
- 473 *Phaea marthae* Chemsak, 1977 [7]
- 474 *Phaea maxima* Bates, 1881 [5]
- 475 *Phaea miniata* Pascoe, 1858 [5]
- 476 *Phaea noguerai* Chemsak, 1999 [2]
- 477 *Phaea phthisica* Bates, 1881 [7]
- 478 *Phaea rubella* Bates, 1881 [1]
- 479 *Phaea saperda* Newman, 1840 [16]
- 480 *Phaea semirufa* Bates, 1872 [15]
- 481 *Phaea sharonae* Chemsak, 1999 [1]

482 *Phaea tenuata* Bates, 1872 [30]
483 *Phaea tricolor* Bates, 1881 [7]
484 *Phaea wappesi* Chemsak, 1999 [1]
485 *Tetraopes cleroides* Thomson, 1860 [4]
486 *Tetraopes crassus* Chemsak & Noguera, 2003 [1]
487 *Tetraopes comes* Bates, 1881 [2]
488 *Tetraopes crinitus* Chemsak & Noguera, 2003 [2]
489 *Tetraopes discoideus* LeConte, 1858 [36]
490 *Tetraopes elegans* Horn, 1894 [1]
491 *Tetraopes femoratus* LeConte, 1847 [21]
492 *Tetraopes subfasciatus* Bates, 1881 [6]
493 *Tetraopes thermophilus* Chevrolat, 1861 [2]
494 *Tetraopes thoreyi* Bates, 1881 [2]
495 *Tetraopes umbonatus* LeConte, 1852 [21]
496 *Tetraopes varicornis* Laporte, 1840 [16]
497
498 Saperdini Mulsant, 1839
499 *Dylobolus rotundicollis* Thomson, 1868 [37]
500 *Mecas ambigena* Bates, 1881 [3]
501 *Mecas cinerea* (Newman, 1840) [12]
502 *Mecas cirrosa* Chemsak & Linsley, 1973 [1]
503 *Mecas humeralis* Chemsak & Linsley, 1973 [2]

- 504 *Mecas marmorata* Gahan, 1892 [1]
- 505 *Mecas menthae* Chemsak & Linsley, 1973 [4]
- 506 *Mecas obereoides* Bates, 1881 [27]
- 507 *Pannychis sericea* (Thomoson, 1864) [6]
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