Abbildungen von Flügelgeäder der Coleopteren.

Von K. J. W. Bernet Kempers, Haag.

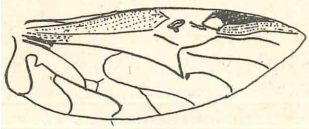
(33 Tafeln mit 792 Figuren.)

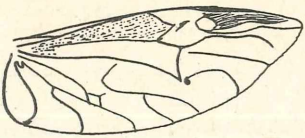
Die angegebenen Zahlen bedeuten die Figuren.

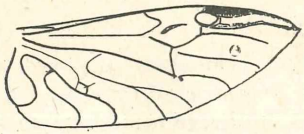
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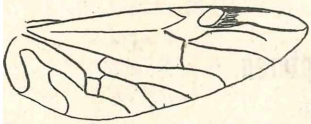
1. Cicindelidae: **Cicindela** *cincta* L. 1. — **Odontochila** *bipunctata* F. 2. — *chrysis* F. 3. — **Pseudoxychila** *lateguttata* Dej. 4. — *biguttata* Dej. 13. — **Phaeoxantha** *bifasciata* Brullé 5. — **Tetracha** *fulgida* Brullé 6. — *spinosa* Brullé 14. — **Pogonostoma** *nigricans* Klug 7. — **Therates** *labiatus* F. 8. — **Distypsidera** *gruti* Pasc. 9. — **Heptodonta** *analis* F. 10. — **Pentacomia** *egregia* Chaud. 11. — **Thopeutica** *diana* Thoms. 12. — **Collyris** *bonnellii* Guér. 15.

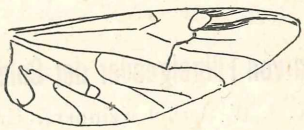
2. Carabidae: **Mormolyce** (*Mormolycini*) *phyllodes* Hag. 16. — **Calosoma** (*Carabini*) *sycophanta* L. 17. — *reticulatum* F. 53. — **Carabus** *granulatus* L. 18. — **Leistus** (*Nebriini*) *rufescens* F. 19. — **Nebria** *brevicollis* F. 20. — **Notiophilus** (*Nctiophilini*) *aquaticus* L. 21. — **Omophron** (*Omophronini*) *limbatus* F. 22. — **Elaphrus** (*Elaphrini*) *cupreus* Dfts. 23. — **Lorocera** *(Lorocerini) pilicornis* F. 24. — **Dyschirius** *(Scaritini) thoracicus* Rossi 25. — **Clivina** *fossor* L. 26. — *conexicollis* 54. — **Broscus** *(Broscini) cephalotes* L. 27. — **Tachypus** *(Bembidiini) flavipes* L. 28. — **Bembidium** *ustulatum* L. 29. — **Trechus** *(Trechini) 4-striatus* Schrank 30. — **Calathus** *(Pterostichini) fuscus* F 31. — **Platynus** *ruficornis* Goeze 32. — **Pterostichus** *vulgaris* L. —. — *coerulescens* L. 33. — **Amara** *(Amarini) spreta* Dej. 34. — **Zabrus** *(Zabrini) tenebrioides* Goeze 35. — **Harpalus** *(Harpalini) pubescens* Müll. 36. — **Anisodactylus** *binotatus* F. 37. — **Dichirotrichus** *pubescens* Payk. 38. — **Stenolophus** *mixtus* Herbst 39. — **Acupalpus** *meridianus* L. 40. — **Badister** *(Licinini) bipustulatus* F. 41. — **Chlaenius** *(Chlaeniini) nitidulus* Schrank 42. — **Panagaeus** *(Panagaeini) crux-major* L. 43. — **Lebia** *(Lebiini) cyanocephala* L. 51. — **Dromius** *4-maculatus* L. 44. — **Odacantha** *(Odacanthini) melanura* L. 45. — **Brachynus** *(Brachynini) explodens* Dfts. 46. — **Catascopus** *angulatus* Chaud. 47. — **Ophionea** *interstitialis* 48. — **Dendrocellus** *geniculatus* 50. — **Colpodes** *sp.* 52. — **Trichoglottus** *punctilabris* Mac Leay 55. — **Platymetopus** *puncticollis* Bosc 56.

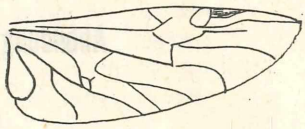

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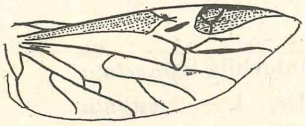

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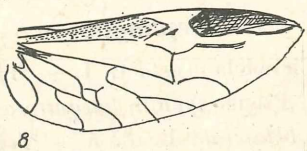

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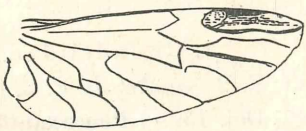

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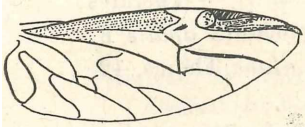

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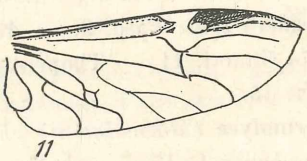

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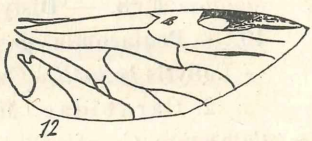

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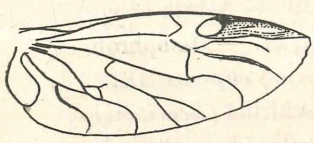

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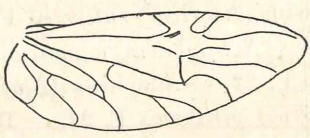

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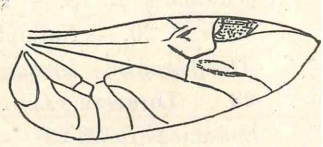

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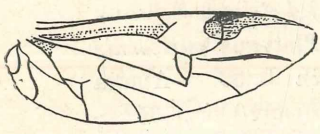

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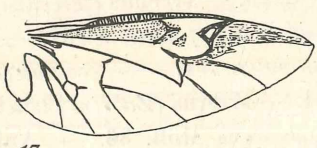

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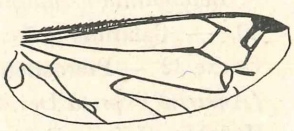

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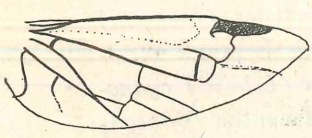

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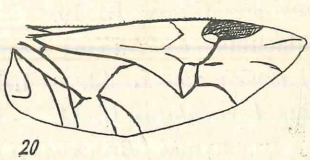

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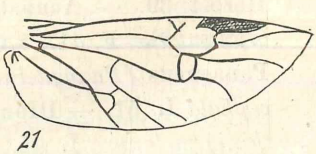

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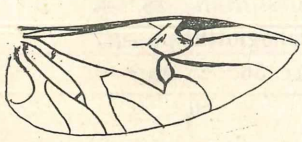

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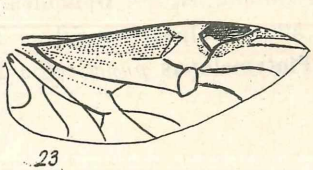

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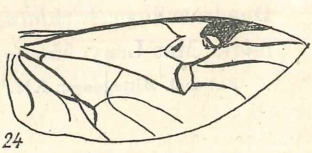

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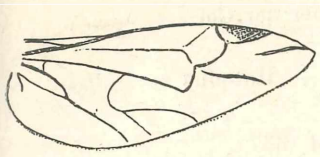

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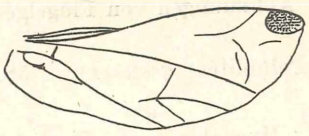

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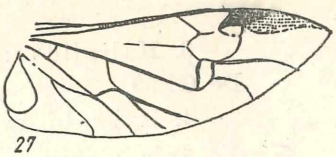

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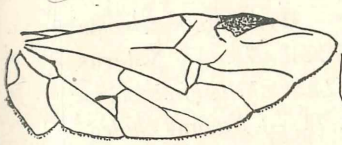

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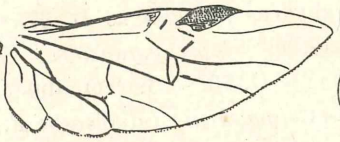

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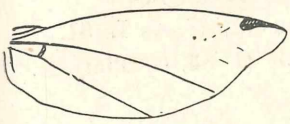

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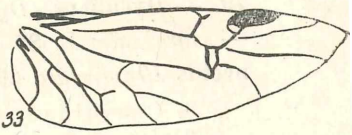

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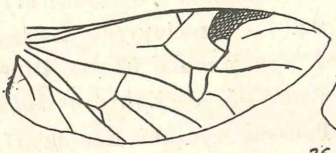

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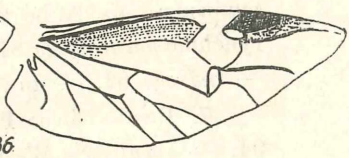

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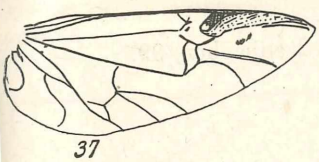

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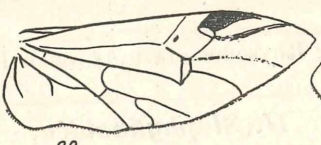

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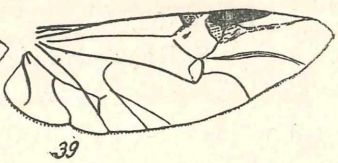

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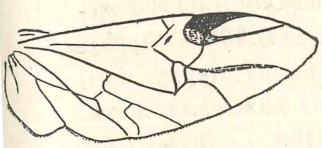

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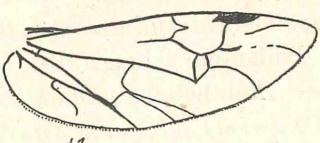

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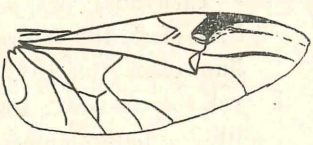

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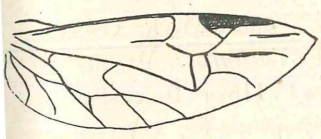

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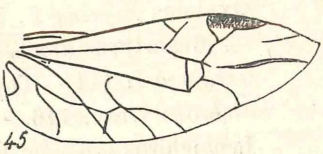

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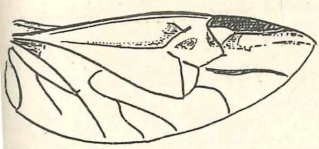

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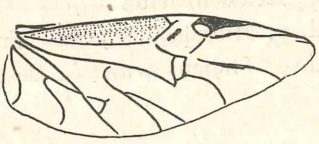

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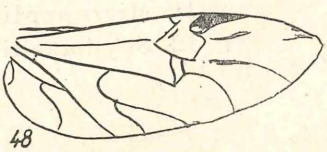

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3. Haliplidae: **Peltodites** *caesus* Dfts. 58. — **Haliplus** *ruficollis* De G. 59.

4. Hygrobiidae: **Hygrobia** *tarda* Herbst 64, 65.

5. Dytiscidae: **Hydroporus** *(Hydroporini) dorsalis* F. 69. — *pictus* F. 70. — **Hyphydrus** *ferrugineus* L. 67. — **Hygrotus** *versicolor* Schall 68. — **Coelambus** *impressopunctatus* Schall. 71. — **Noterus** *(Noterini) clavicornis* De G. 73. — **Laccophilus** *(Laccophilini) obscurus* Panz. 72. — **Ilybius** *(Colymbetini) fuliginosus* F. 74. — **Agabus** *chalconotus* Panz. 75. — *femoralis* Payk 76. — **Eunectus** *sticticus* 77. — **Rhantus** *(Colymbetini) punctatus* Fourc 78. — **Colymbetes** *fuscus* L. 79. — **Hydaticus** *(Dytiscini) vittatus* 84. — **Dytiscus** *latissimus* L. 81. — *marginalis* L. 82. — **Cybister** *laterimarginalis* De G. 83. — **Platynectus** *10-punctata* 66. — **Acilius** *sulcatus* L. 80

6. Gyrinidae: **Gyrinus** *(Gyrinini)* sp. 88. — *natator* L. 89. — *marinus* Gyll. 90. — **Orectochilus** *(Orectochilini) villosus* Müll. 91. — *marginipennis* Aubé 92. — **Orectogyrus** *congoensis* 86. — **Porrhorrynchus** *marginatus* 87. — *landaisi* 63. — **Dineutus** *subspinosus* 61. — *indicus* 62. — *australis* 85. — **Enhydrus** *sulcatus* 93.

7. Paussidae: **Paussus** *cervinus* Kraatz 57. — *armatus* Westw. 94. — *spinicoxis* Westw. 95. — *hova* Dohrn 60. — *cucullatus* Westw. 96. — **Cerapterus** *horsfieldi* Westw. 97. — **Paussomorphus** *chevrolati* Westw. 98.

8. Rhysodidae: **Rhysodes** *exaratus* (nach Redtenbacher) 99.

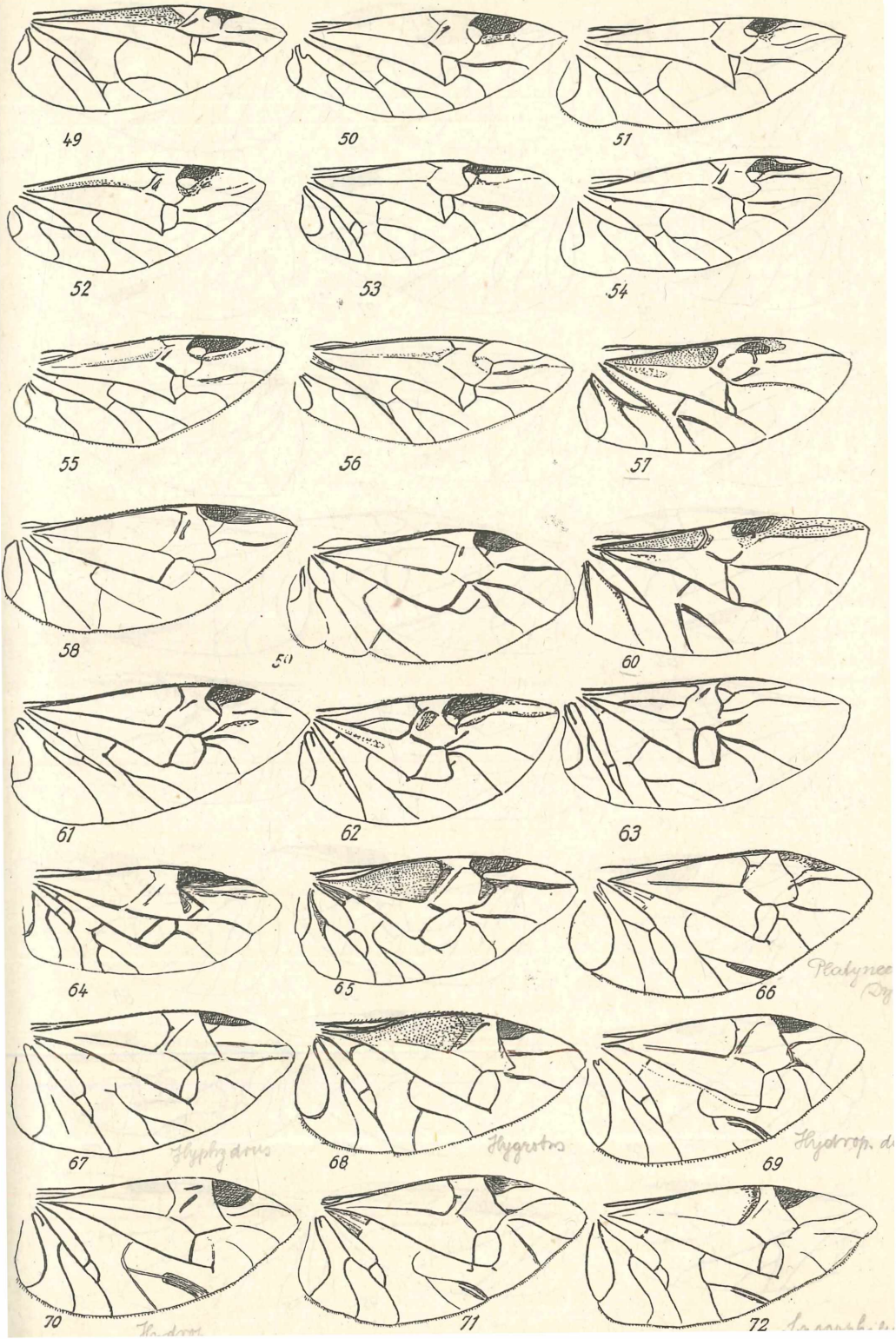
II. Staphylinoidea.

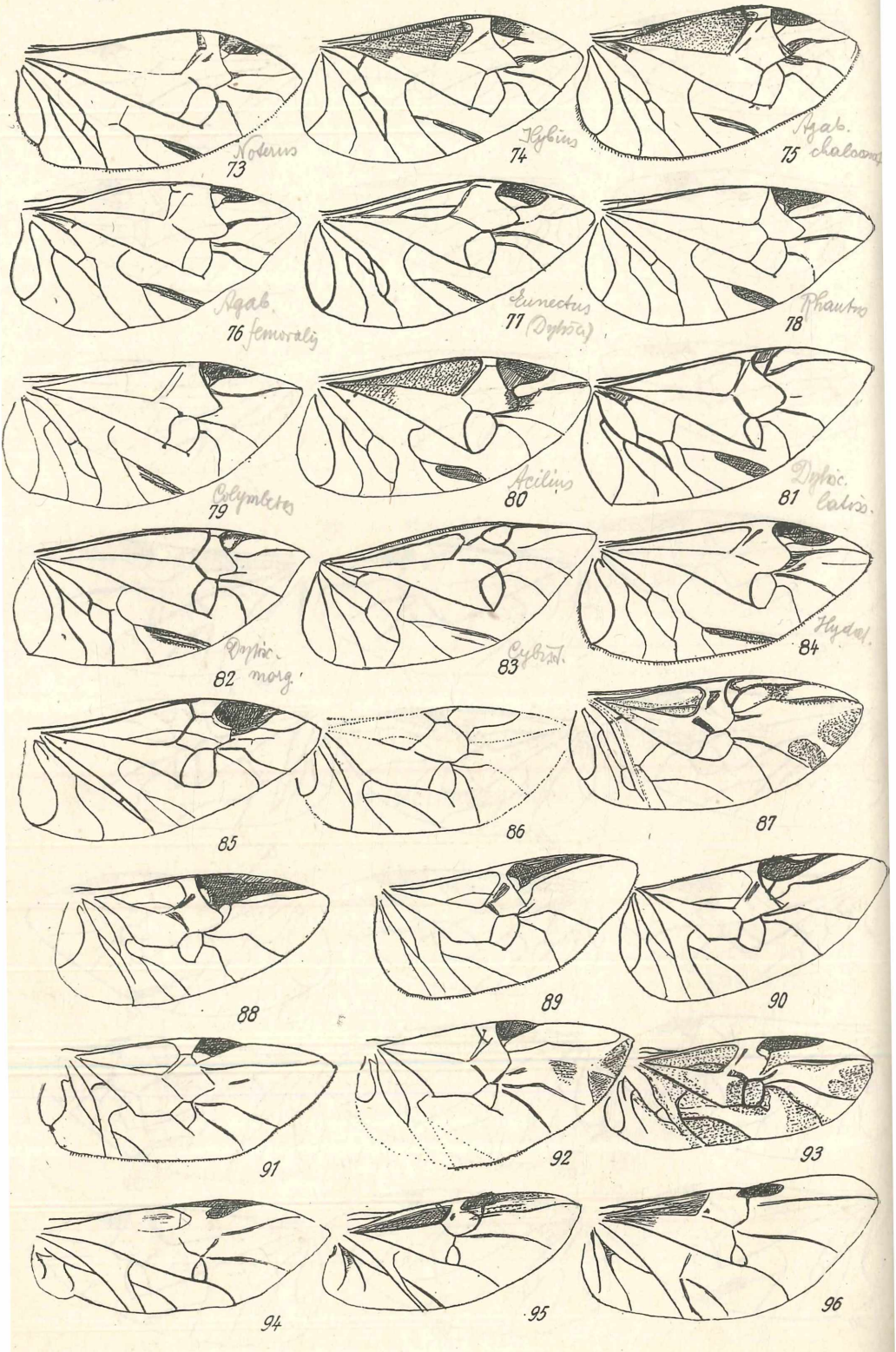
9. Staphylinidae: **Aleochara** *(Aleocharini) lanuginosa* Grav. 100. — **Tachynus** *(Tachyporini) flavipes* F. 101. — **Quedius** *(Quediini) mesomelinus* Mrsh. 102. — **Creophilus** (*Staphylinini*) *maxillosus* L. 103. — **Staphylinus** *olens* Müll. 104. — **Philonthus** *politus* F. 105. — **Cafius** (*Staphylinini*) *xantholoma* Grav. 106. — **Xantholinus** *(Xantholini) punctulatus* Payk. 107. — **Lathrobium** *(Paederini) fulvipenne* Grav. 108. — **Stenus** *(Stenini) bipunctatus* Er. 109. — **Oxyporus** *(Oxyporini) rufus* L. 110. — **Oxytelus** *rugosus* F. 111. — **Omalium** *(Omaliini) rivulare* Payk. 112. — **Megarthrus** *depressus* Payk. 113. — **Tachynus** *(Tachyporini) subterraneus* L. 114. — **Coprophilus** *(Oxytelini) striatulus* F. 115. — **Deleaster** *dichrous* Grav. 116. — **Anthobium** *(Omaliini) longipenne* Er. 117. — **Leptochirus** *unicolor* Er. 118. — **Trigonurus** sp. 119.

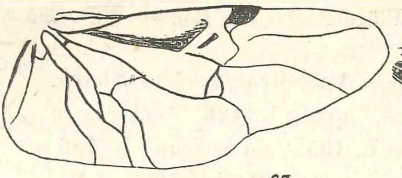
10. Pselaphidae: **Reichenbachia** *helferi* Schmidt 122.

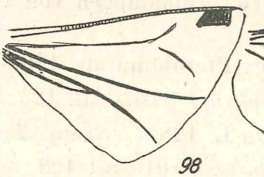
11. Micropeplidae: **Micropeplus** *fulvus* Er. 123.

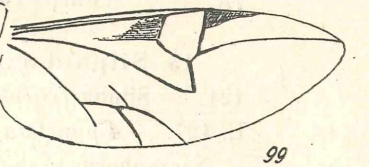
12. Scydmaenidae: **Clidicus** *grandus*. Casteln. 124.

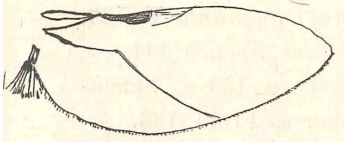

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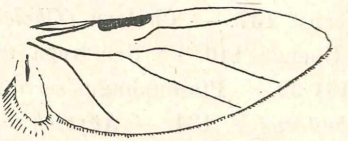

Noterus
73
Hybius
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Agab. chalconot.
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Agab. femoralis
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Eunectes (Dytiscus)
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Phaedrotoma
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Colymbetes
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Acilius
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Dytisc. latissimus
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Dytisc. marginalis
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Cybister
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Hydrophilus
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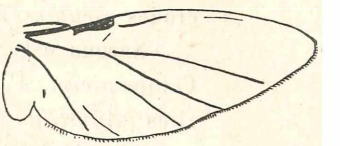

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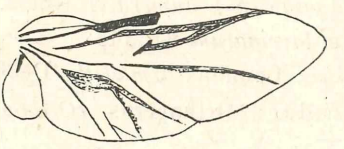

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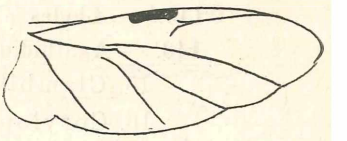

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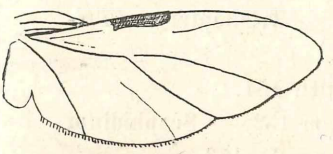

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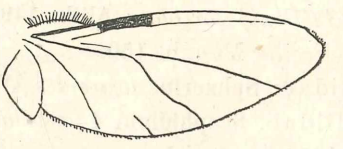

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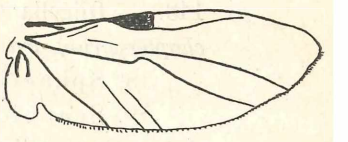

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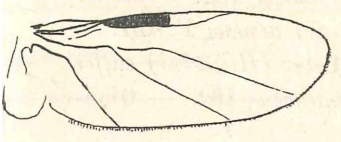

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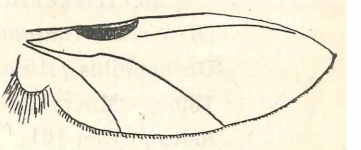

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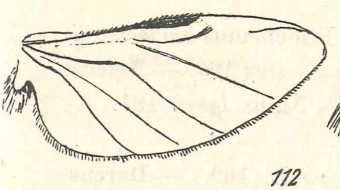

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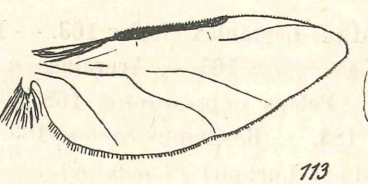

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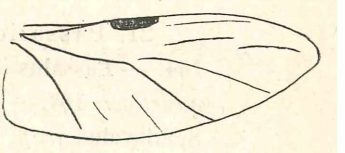

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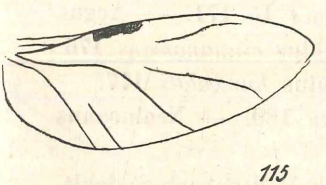

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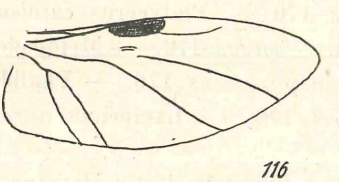

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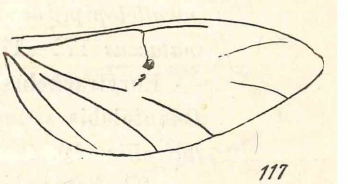

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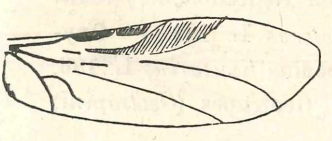

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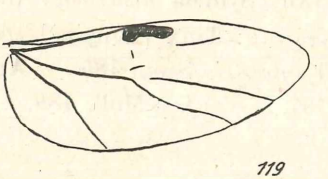

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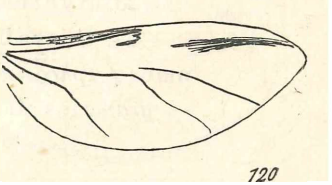

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13. Silphidae: **Pteroloma** sp. **120.** — **Apatetica** *javanica* Sharp. **121.** — **Silpha** *(Silphini) tristis* Ill. **125.** — *atrata* L. **126.** — *thoracica* L. **127.** — *4-punctata* L. **128.** — *discicollis* L. **135.** — *americana* L. **136.** — **Necrophorus** *vespilloides* Herbst **129.** — *insularis* Herbst **138.** — **Necrodes** *osculans* Herbst **137.** — **Choleva** *(Cholevini) angustata* F. **130.** — **Nargus** *velox* Spence **140.** — **Sciodrepa** *watsoni* Spence **141.** — **Catops** *picipes* F. **131/32.** — **Ptomaphagus** *sericeus* Panz. **139.** — **Sphaerites** *(Agyrtini) glabratus* F. **134.** — **Agyrtes** *castaneus* Fröhl. **133.**

14. Anisotomidae: **Anisotoma** *(Anisotomini) dubia* Kugel. **145.** — **Liodes** *(Agathidini) humeralis* Kugel. **142.** — *glaber* Kugel. **143.** — **Agathidium** *laevigatum* Er. **144.**

15. Clambidae: **Clambus** *armadillo* De G. **146.**

16. Corylophidae: **Orthoperus** *(Orthoperini) brunnipes* Gyll. **147.**

17. Trichopterygidae: **Ptenidium** *(Ptenidiini) evanescens* Marsh **148.** — **Oligella** *(Ptiliini) foveolata* Allib. **149.** — **Trichopteryx** *(Trichopterygini) grandicollis* Mannh. **150.**

18. Sphaeriidae: **Sphaerius** *acaroides* Waltl. **151.**

19. Scaphidiidae: **Scaphidium** *4-pustulatum* **152.** — **Scaphidium** *4-maculatum* Oliv. **154.** — **Scaphosoma** *agaricinum* L. **153.**

20. Histeridae: **Hololepta** *(Hololeptini) indica* **155.** — **Hister** *(Histerini) inaequalis* **156.** — **Saprinus** *(Saprinini) aeneus* F. **157.** — **Onthophilus** *(Abraeini) striatus* Forst. **158.** — **Hister** *(Histerini) caffer* **159.** — **Macrohister** *maximus* **160.** — **Apoletes** *foliaceus* **162.** — **Omalodes** *foveola* **161.**

III. Actinorrhabda.

21. Passalidae: **Leptaulax** *bicolor* **163.** — **Eriocnemus** *burmeisteri* **164.** — **Passalus** *interruptus* **165.** — **Aceraius** *marginatus* **166.** — **Neleus** *punctiger* **167.** — **Pelops** *impressicollis* **168.** — **Ninus** *bergi* **181.** — **Semicyclus** *grayi* **182.** — **Basilianus** *cantori* **183.**

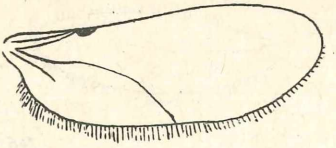
22. Lucanidae: **Lucanus** *(Lucanini) cervus* L. **169.** — **Dorcus** *parallelopipedus* L. **170.** — **Platycerus** *caraboides* L. **171.** — **Aegus** *malaccus* **172—174.** — *ogivus* **173.** — **Metopodontus** *cinnanomeus* **175.** — **Eurytrachelus** *purpurascens* **176.** — **Pholidotus** *humboldti* **177.** — **Odontolabis** *sommeri* **178.** — **Lamprima** *aurata* **180.** — **Neolucanus** *laticollis* **179.**

23. Syntelidae: **Syntela** *histeroides* (nach Redtenbacher) fehlt.

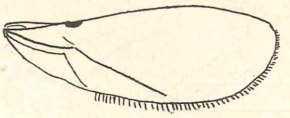
24. Scarabaeidae: **Trox** *(Trogini) sabulosus* L. **184.** — **Oxyomus** *(Aphodiini) sylvestris* Scop. **185.** — **Aphodius** *fimetarius* L. **186.** — *granarius* L. **187.** — *rufus* Mull. **188.** — **Geotrupes** *(Geotropini)*



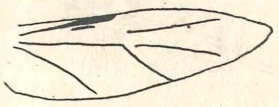
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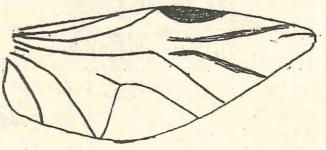
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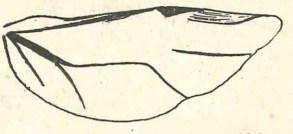
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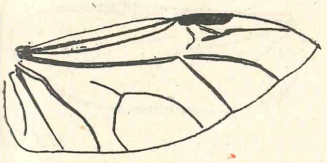
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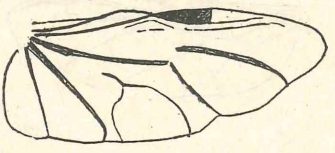
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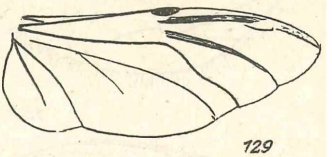
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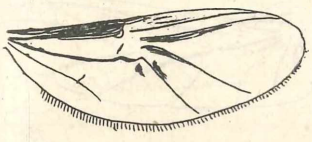
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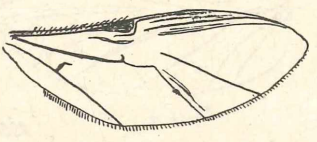
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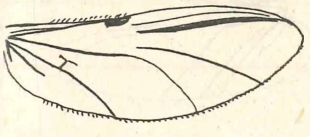
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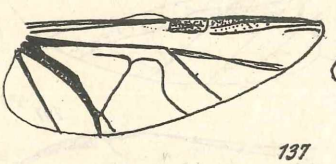
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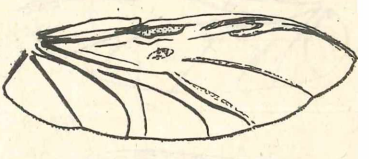
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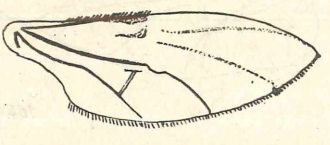
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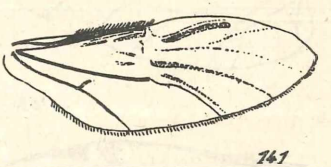
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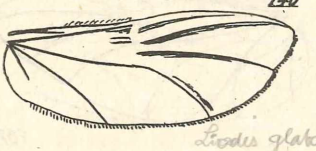
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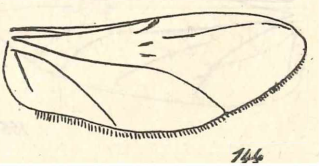
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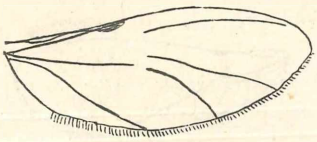
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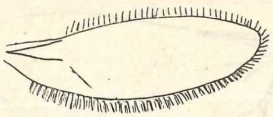
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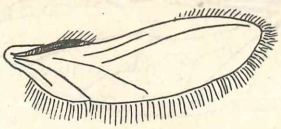
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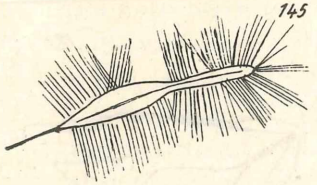
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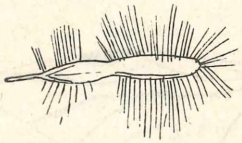
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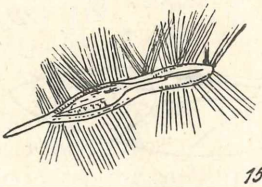
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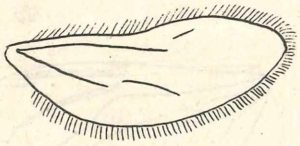
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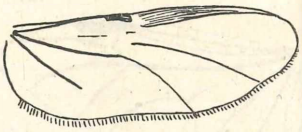
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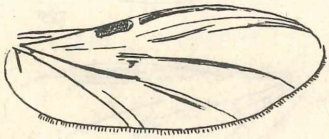
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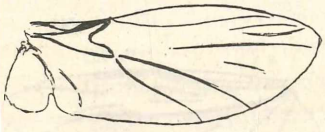
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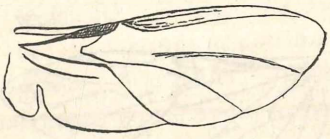
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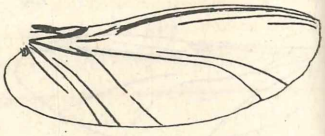
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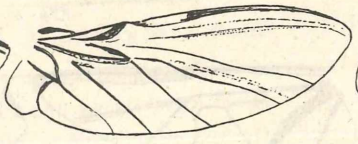
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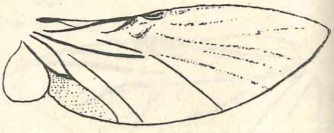
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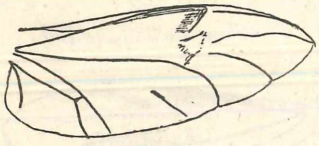
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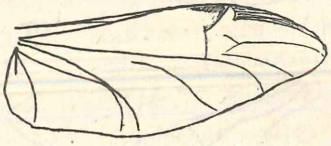
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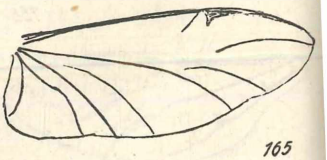
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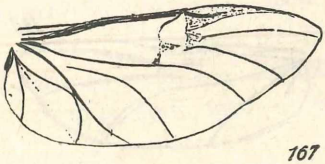
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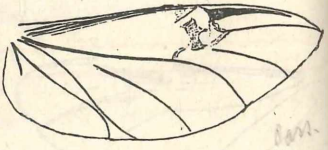
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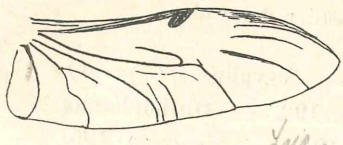
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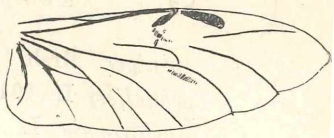
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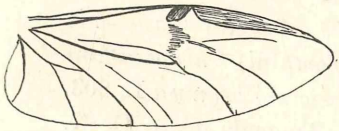


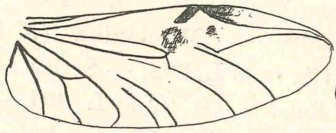
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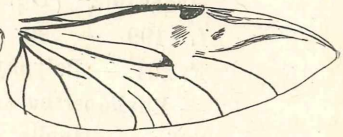

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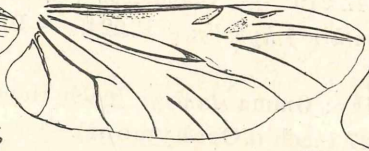

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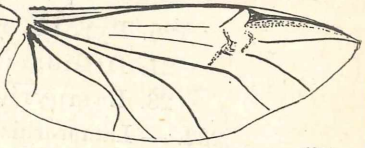

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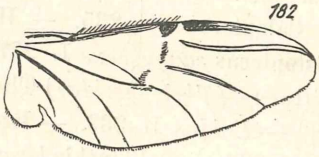

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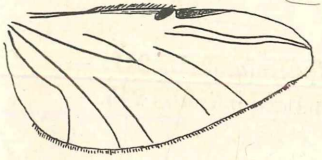

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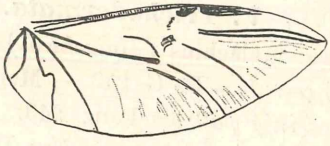

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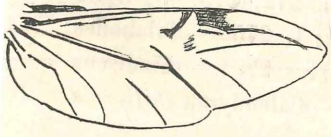

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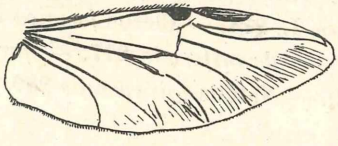

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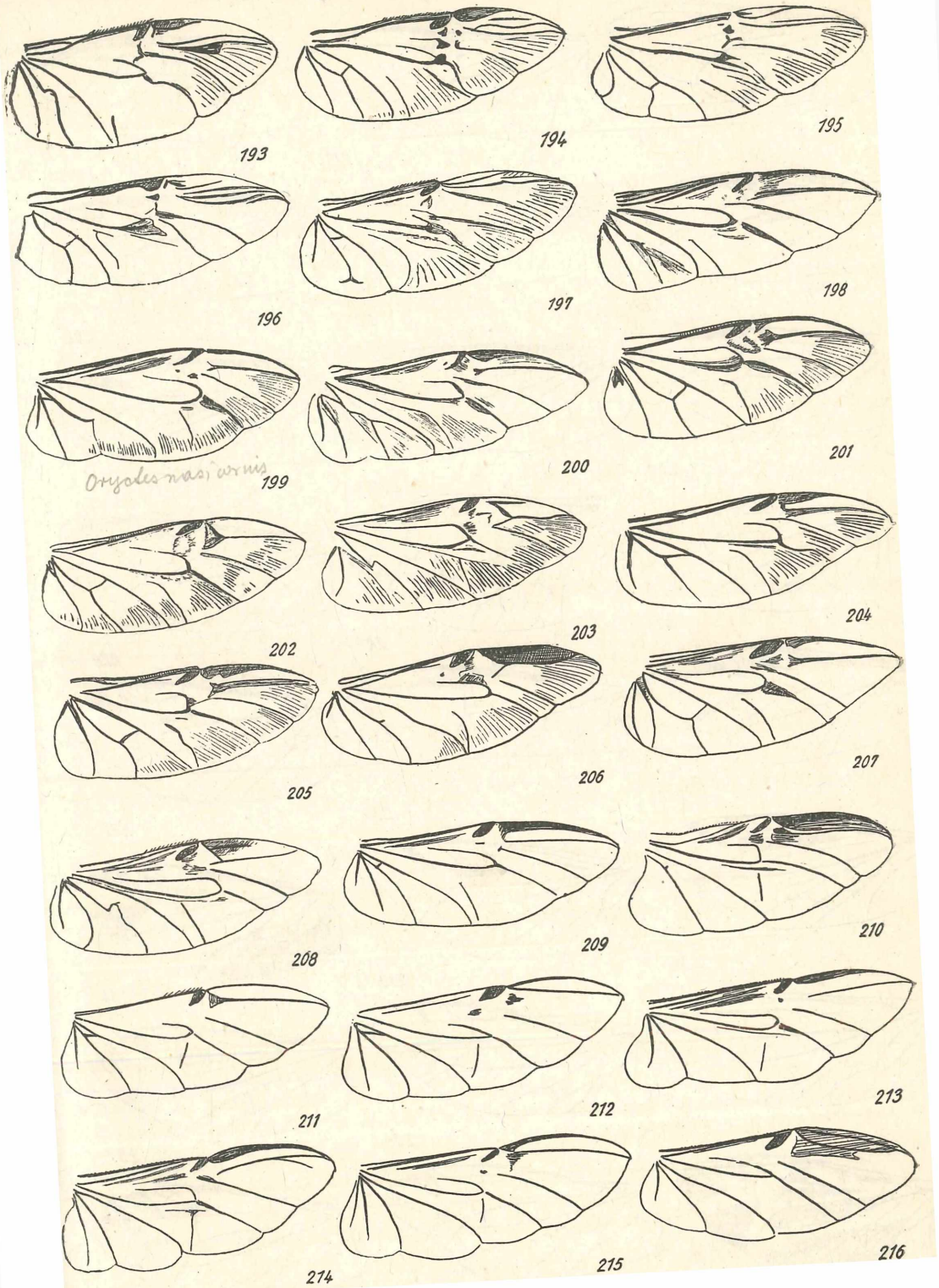
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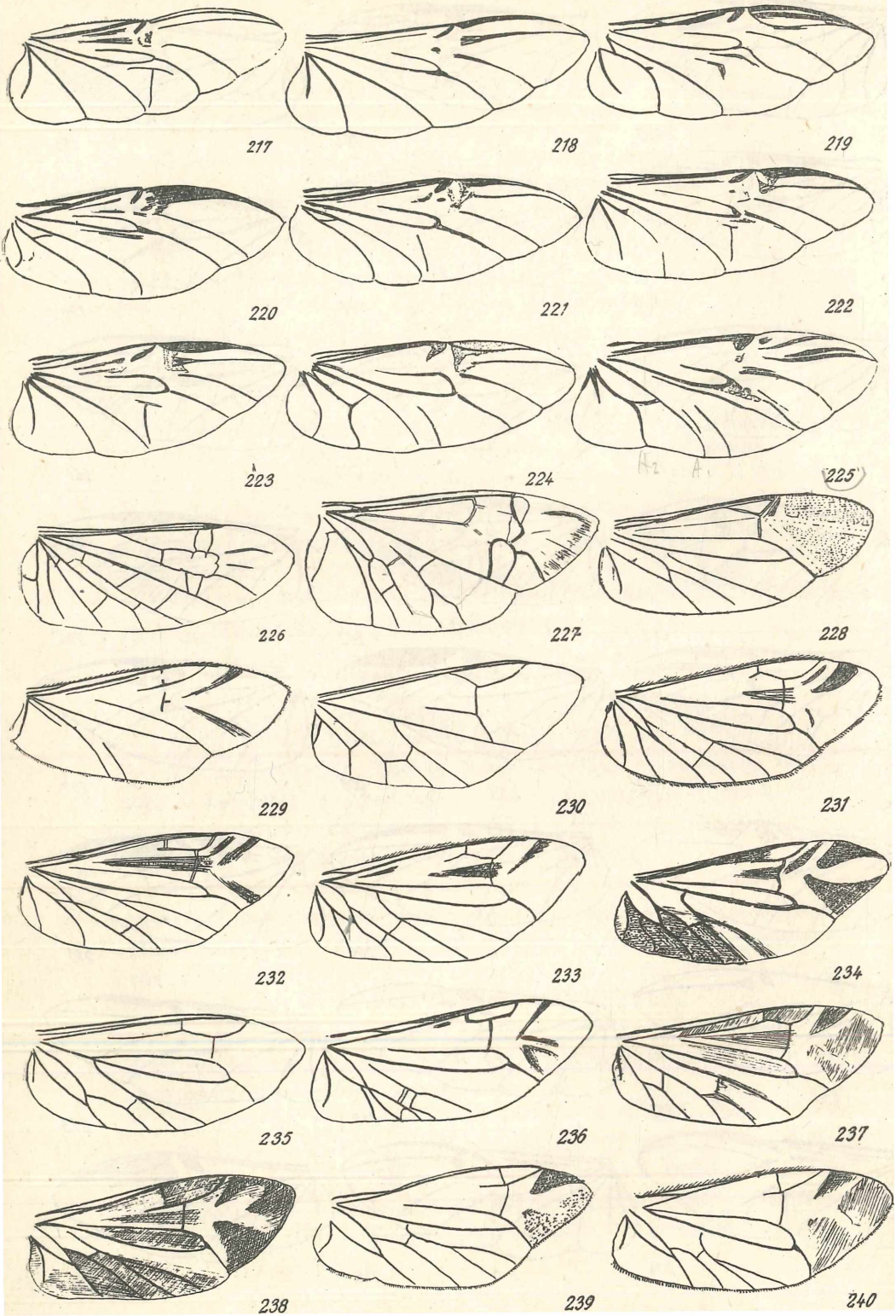
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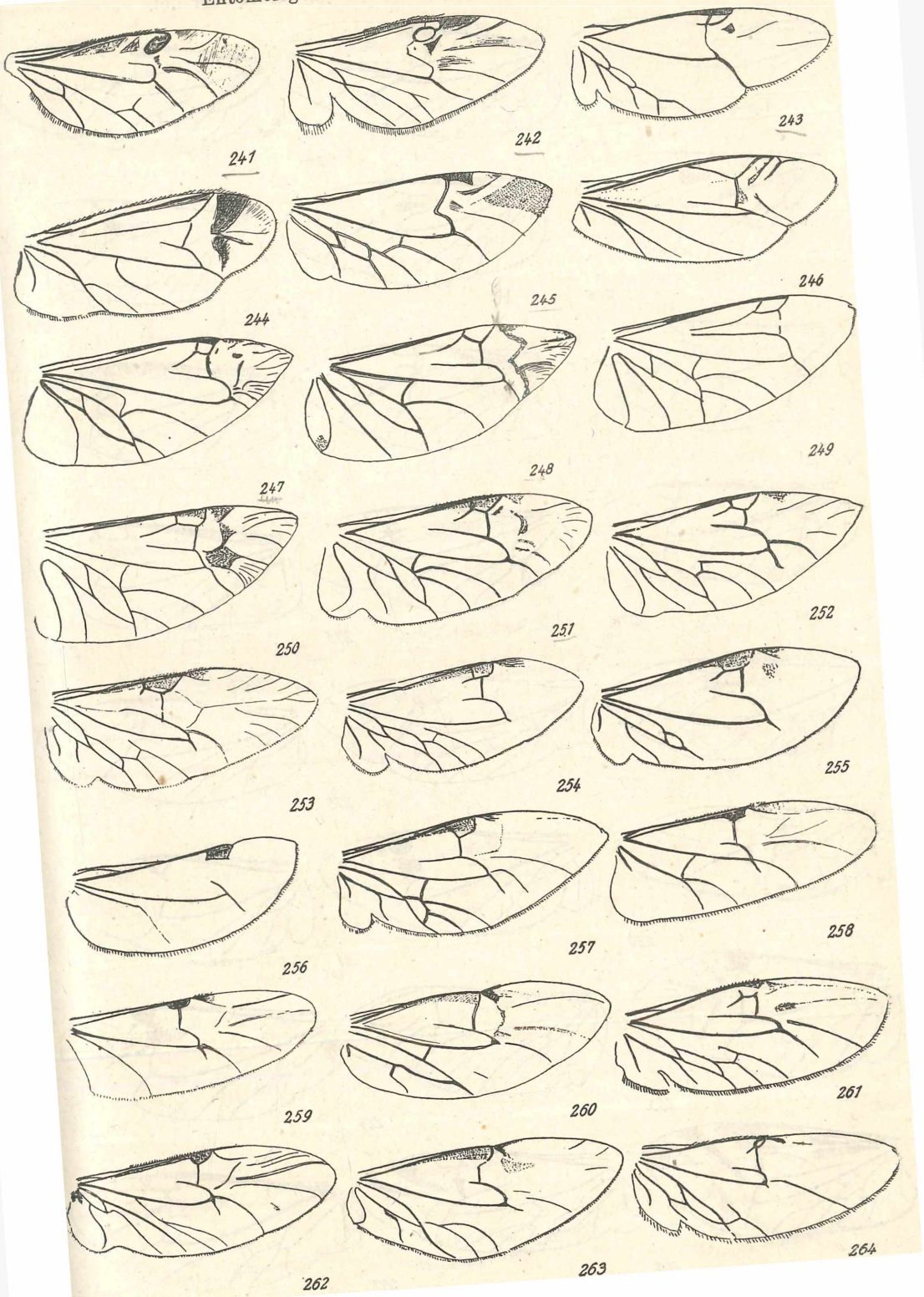
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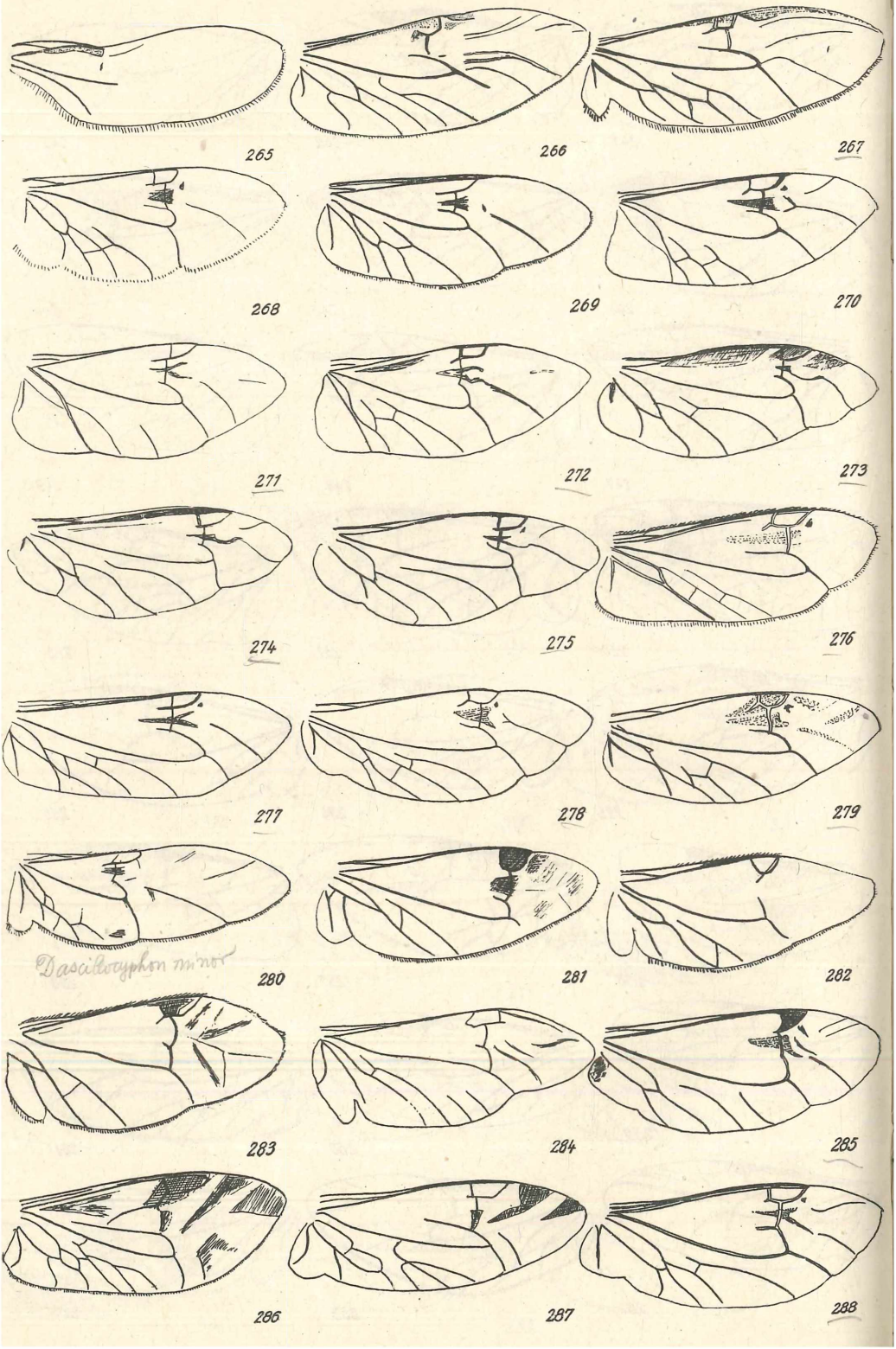
32. Corynetidae: **Corynetus** *coeruleus* De G. 271.

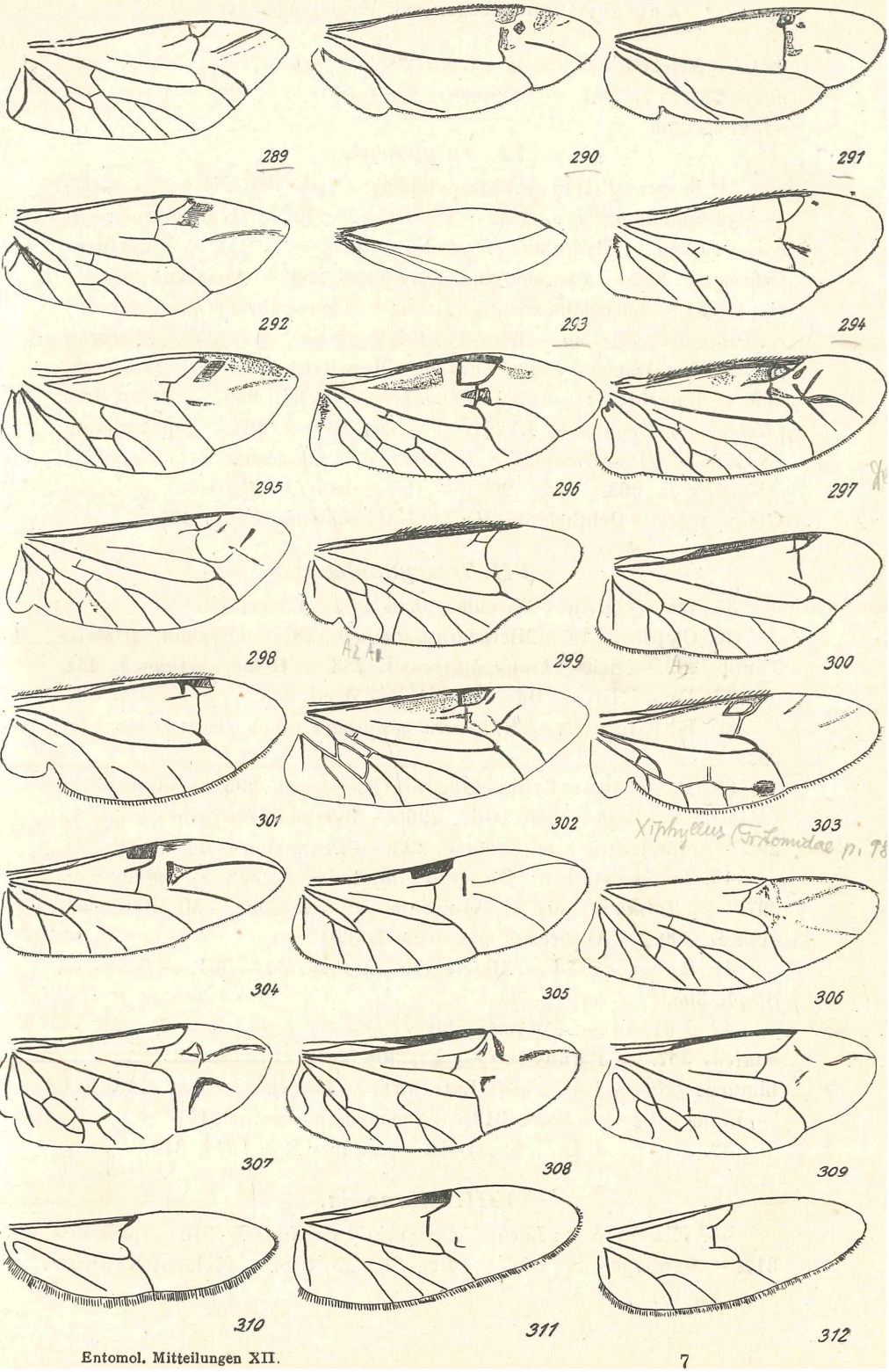
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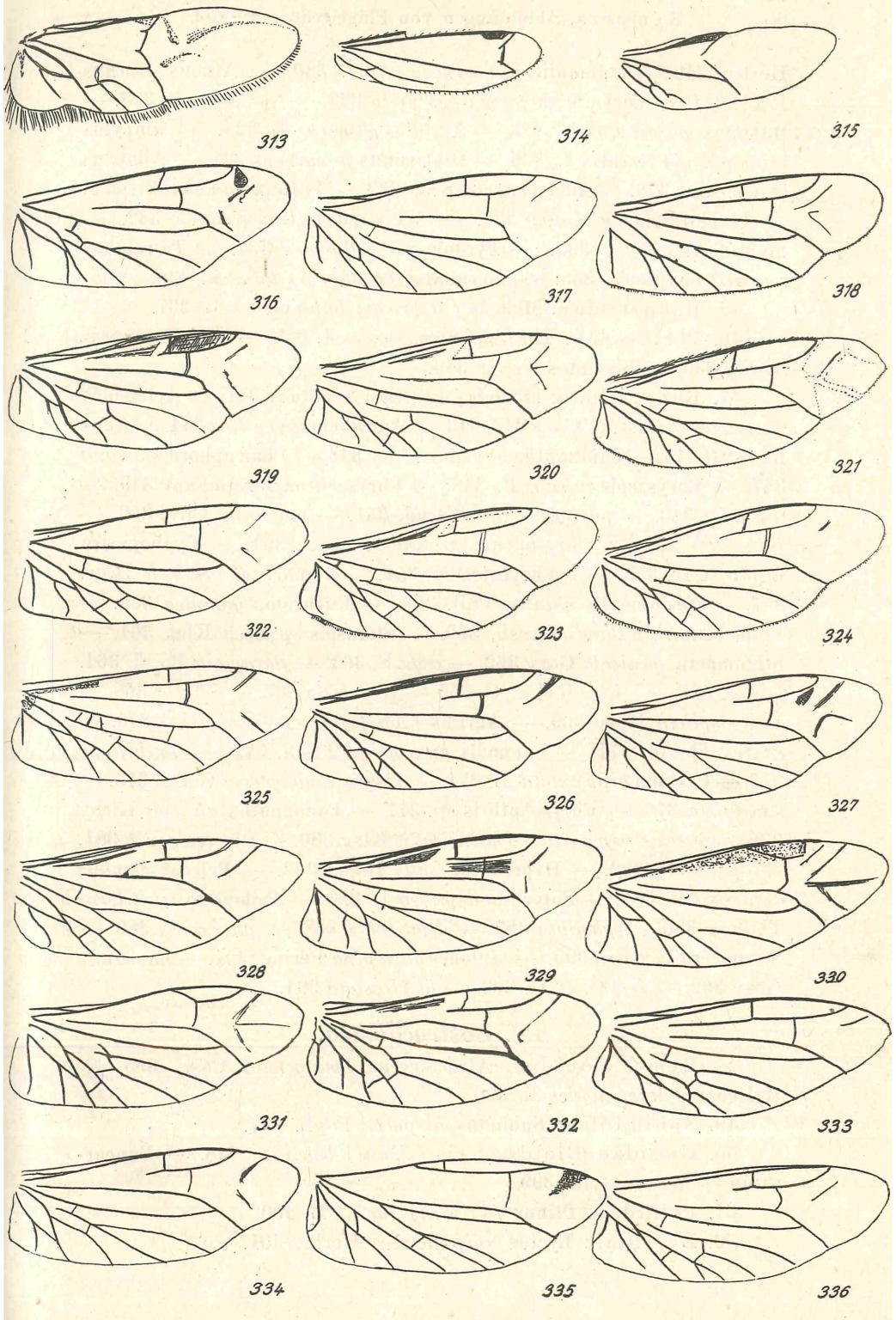
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47. Buprestidae: **Trachys** *(Agrilini) minuta* L. 341. — **Actenodes** *westermanni* Cast. et Gory 342, 343. — **Ancylocheira** *rustica* 344. — **Agelia** *peteli* 345. — **Catoxantha** *opulenta* Gory 346. — **Chalcophora** *mariana* 347. — **Chrysaspis** *aurata* F. 348. — **Chrysochroa** *kerremanni* 349. — *edwardsi* 350. — *purpureiventris* Dryd. 351. — *mutabilis* Oliv. 352. — *fulminans* 353. — **Chrysodema** *granulosa* Kerr. 354. — **Cyphogastra** *nitida* Kerr. 355. — **Cyphogastra** sp. 356. — **Demochroa** *gratiosa* Degr. 357. — **Epistomentis** *vittatus* Phil. 358. — **Euchroma** *gigantea* 359. — **Philoceanus** *maitlandi* Lansb. 360. — **Steraspis** *speciosa* Klug 361. — **Stigmodera** *spinicola* Gory 362. — *crux* S. 363. — *flavopicia* Boisd. 364. *lebasii* 365. — *sieboldi* C. et G. 366. — *variabilis* 367. — *vittatus* 368. — *xanthospilota* Hope 369. — **Agrilus** *(Agrilini) coeruleus* Rossi 370. — *acutus* Thunb. 371. — **Capnodis** *anthracina* Fisch. 372. — *tenebrionis* 373. — **Castalia** *bipustulata* L. 374. — **Cisseis** *chalcopterus* Germ. 375. — *leucosticta* 376. — **Chrysobothris** sp. 377. — **Conognatha** *amoena* Kirby 378. — *pretiosissima* 379. — *principalis* Klug 380. — **Dicerca** *aenea* 381. — *divaricata* 382. — **Hyperantha** *salli* Rojas 383. — **Pelecopselaphus** *depressus* F. 384. — **Polycesta** *depressa* L. 385. — **Psiloptera** *scintillans* Thomas 386. — *plagiata* 387. — *dilaticollis* 388. — *plagicollis* 389. — **Sternocera** *luctifera* 390. — **Julodes** *gariepina* Péring. 391. — *humeralis* Gory 392. — *iris* C. et G. 393. — *laevicostata* 394.

IX. Bostrychoidea.

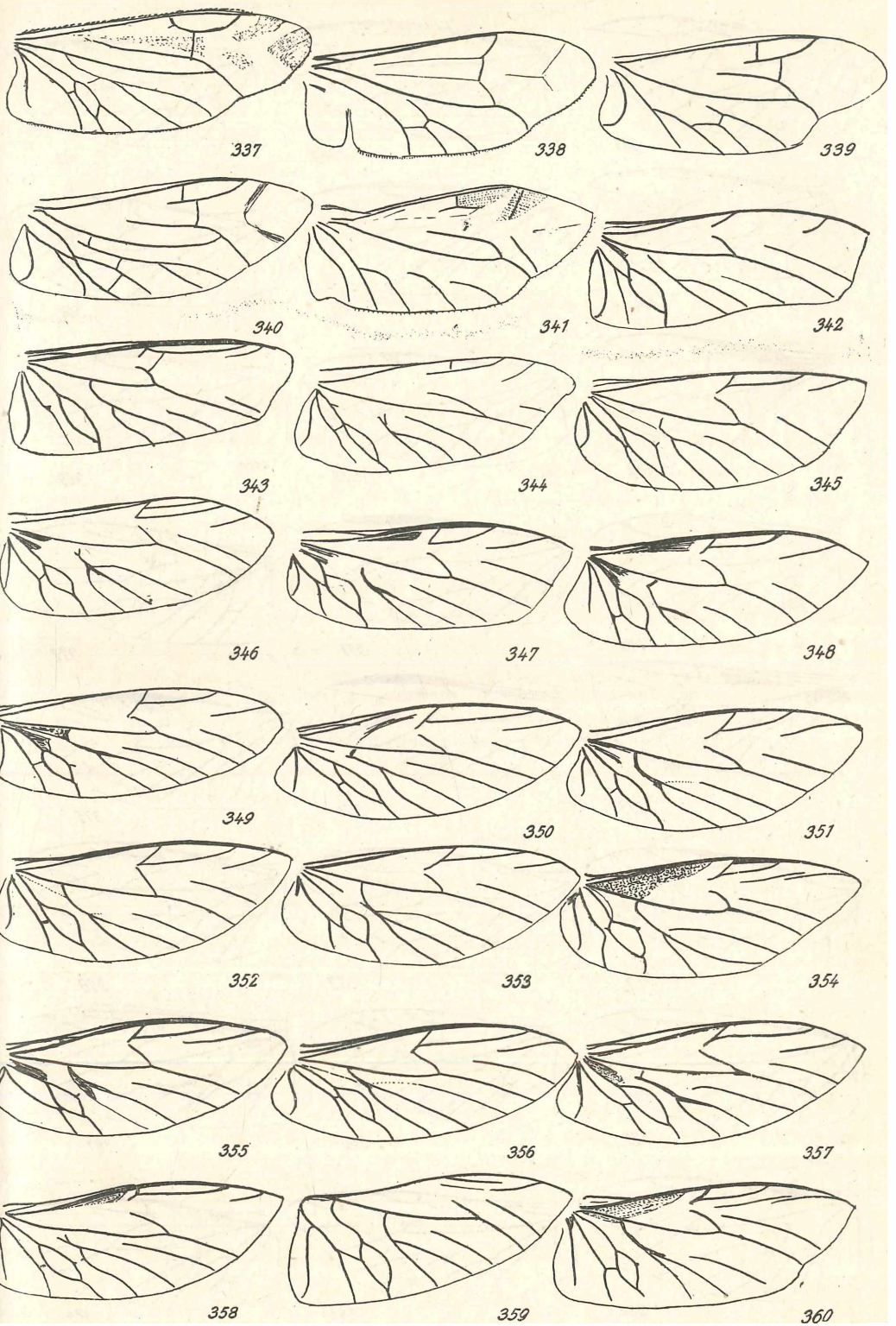
48. Lymexylonidae: **Atractocerus** *emarginata* Cast. 395. — **Hylecoetus** *dermestoides* L. 396.

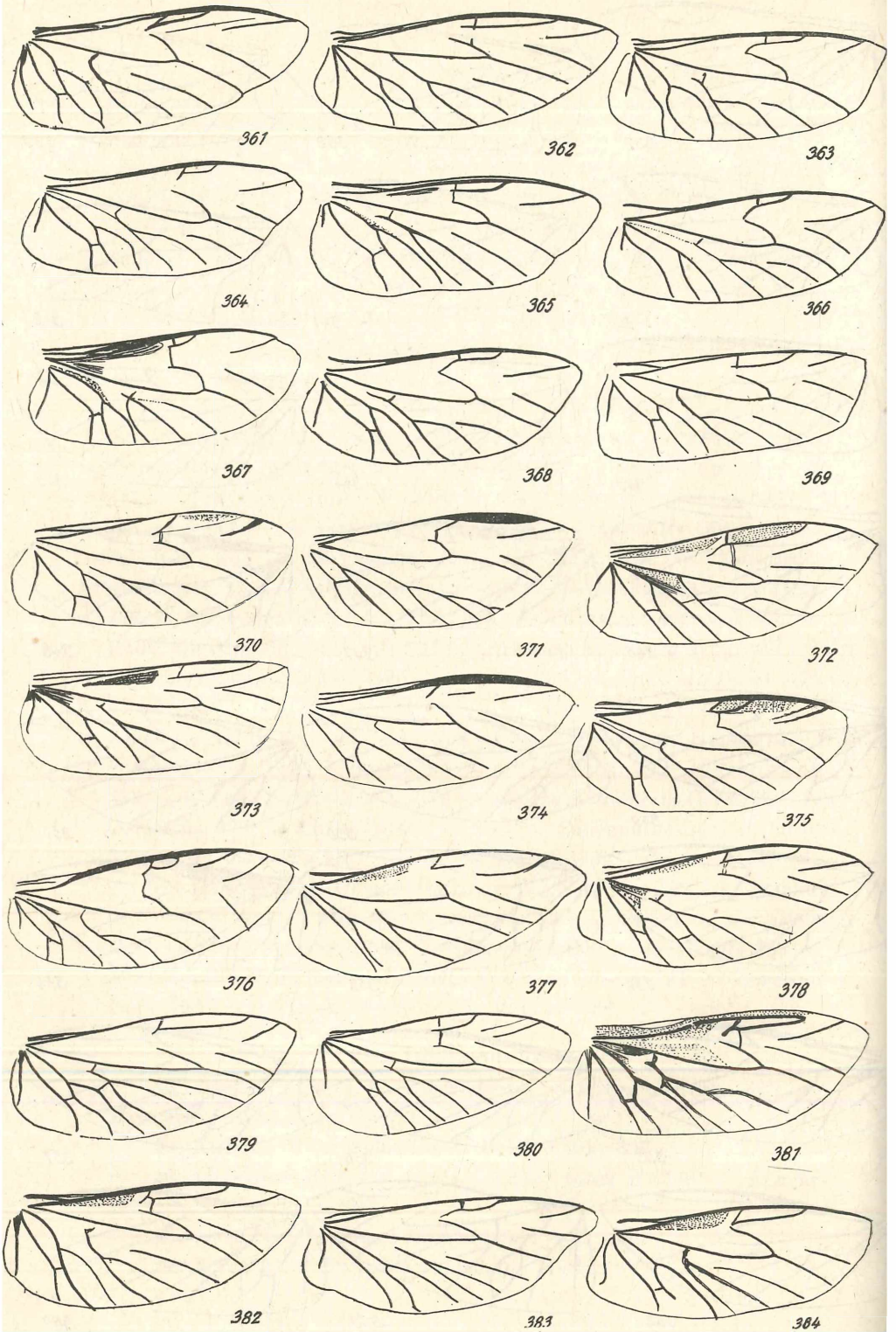
49. Sphindidae: **Sphindus** *hispidus* Payk. 397.

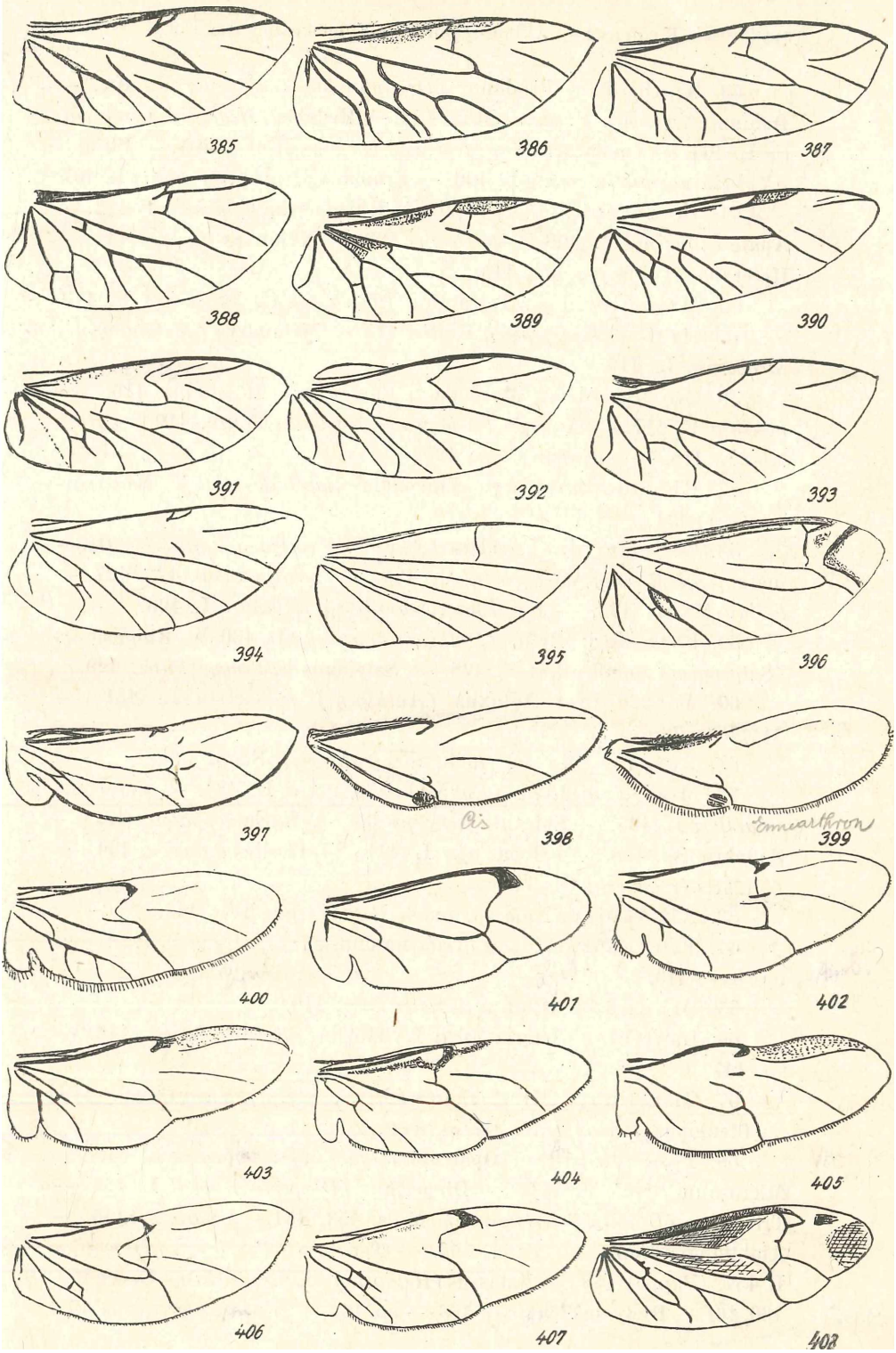
50. Cissidae (Cioidae): **Cis** *(Cisini) boleti* F. 398. — **Ennearthron** *cornutum* Gylh. 399.

51. Ptinidae: **Ptinus** *(Ptinini) fur.* ♂ L. 400.

52. Lyctidae: **Lyctus** *unipunctatus* Herbst 401.


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53. Anobiidae: **Priobium** *(Dryophilini) castaneum* F. **402**. — **Ochina** *(Xyletinini) hederae* Müll. **403**. — **Hedobia** *(Hedobiini) imperialis* L. **404**. — **Coenocara** *(Dorcatomini) bovistae* Hoffm. **405**. — **Ptilinus** *(Xyletinini) pectinicornis* L. 406. — **Ernobius** *(Anobiini) mollis* L. **407**.

54. Bostrychidae (Apatidae): **Rhizopertha** *dominica* F. **412**. — **Apate** *capucinus* L. **408**. — *terebrans* **409**. — **Xylotrips** *flavipes* **444**. — **Heterobostrychus** *aequalis* **411**.

55. Melandryidae: **Tetratoma** *(Tetratomini) fungorum* F. **413**. — **Orchesia** *(Orchesiini) picea* Herbst **414**. — **Melandrya** *(Melandryini) caraboides* L. **415**.

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57. Rhipidophoridae: **Emenadia** *flabellata* (nach Redtenbacher) **421**.

58. Oedemeridae: **Asclera** *(Asclerini) coerulea* L. **422**. — **Oedemera** *(Oedemerini) podagrariae* L. **423**. — *nobilis* Scop. **424, 427**. — *lurida* Marsh. **425**. — **Nacerdes** *(Nacerdini) melanura* L. **426**.

59. Pythidae: **Pytho** *(Pythini) depressus* L. **430**. — **Rhinosimus** *(Salpingini) planirostris* F. **428**. — **Salpingus** *castaneus* Panz. **429**.

60. Anthicidae: **Notoxus** *(Anthicini) monoceros* L. **431**. — **Anthicus** *floralis* L. **432**.

61 Pyrochroidae: **Pyrochroa** *serraticornis* Scop. **433**.

62. Meloidae: **Lytta** *(Lyttini) vesicatoria* L. **434**. — **Cerocoma** *schaefferi* L. **435**. — **Epicauta** *ruficeps* **436**. — **Horia** *cephalotes* **437**. — **Zonabris** Sp. **438**. — **Oenas** *afer* L. **441**. — **Cissites** *testaceus* **439**. — **Zonabris** *interrupta* Ol. **440**.

63. Nilionidae: **Nilio** sp. (nach Redtenbacher) **442**.

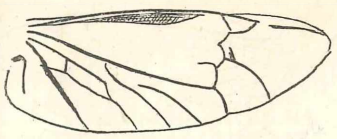
64. Trictenotomidae: **Trictenotoma** *childreni* (nach Redtenbacher) **443**.

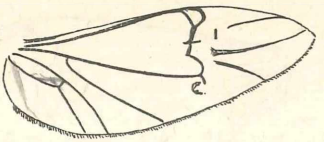
65. Othniidae: **Othnius** *delusus* Pasc. **410**.

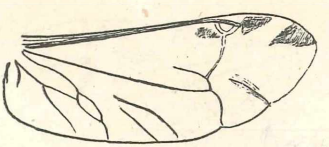
66. Lagriidae: **Lagria** *hirta* L. **445**. — *albohirta* Wied. **446**. — sp. **447**.

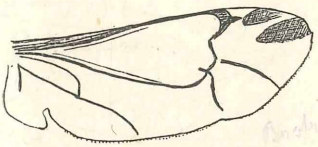
67. Cistelidae: **Mycetochares** (*Mecetocharini*) *linearis* Ill. **448**. — **Cteniopus** *(Omophlini) flavus* Scop. **449**.

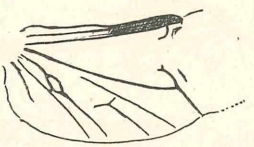
68. Tenebrionidae: **Opatrum** *(Opatrini) sabulosum* L. **450**. — **Microsoum** *tibiale* F. **451**. — **Diaperinus** *(Diaperini) boleti* L. **452**. — **Tribolium** *(Ulomini) ferrugineum* Muls. **453, 454**. — **Uloma** sp. **455**. — **Alphitobius** *diaperinus* Panz. **456**. — **Tenebrio** *(Tenebrionini) molitor* L. **457**, (Puppe), **458**. — **Nalassus** *(Helopini) laevioctostriatus* Goeze **459, 460, 461**. — **Dictyssus** *longicus* **463**. — sp. **462**. — **Scotaeus** *pretiosus* **464**.

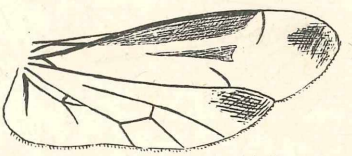

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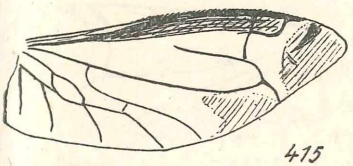

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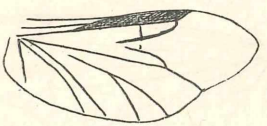

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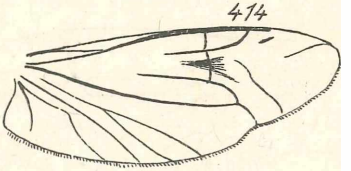

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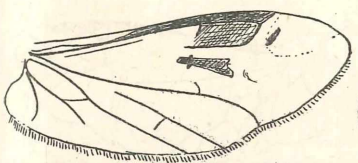

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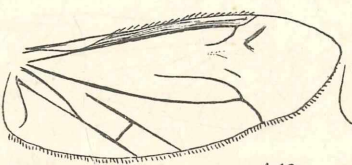

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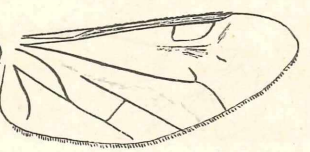

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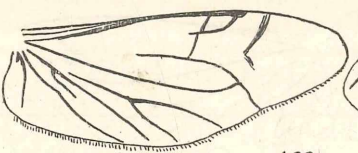

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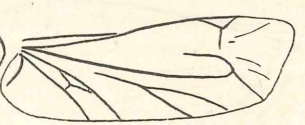

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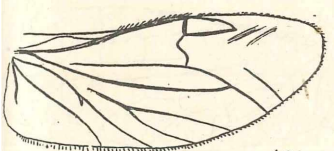

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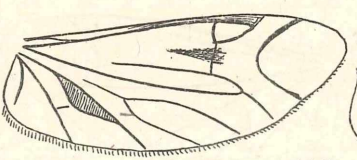

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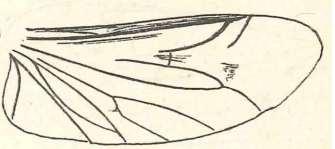

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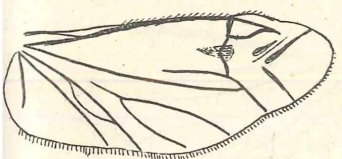

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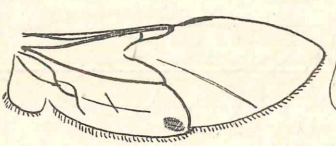

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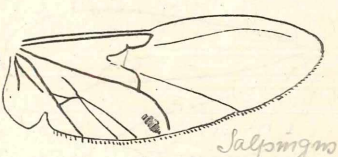

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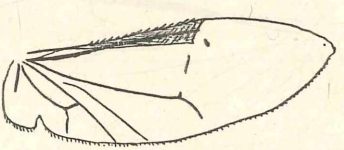

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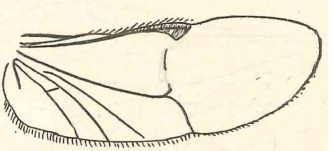

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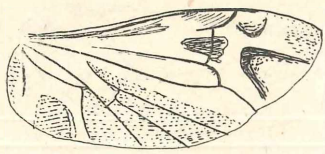

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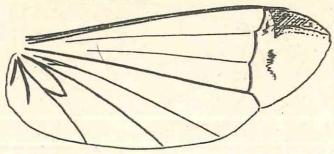

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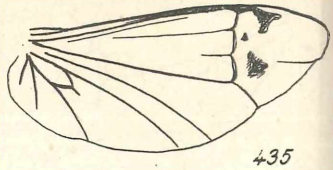

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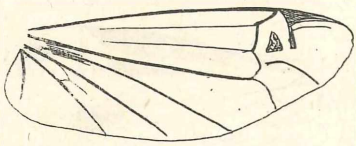

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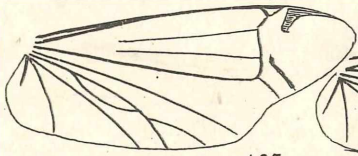

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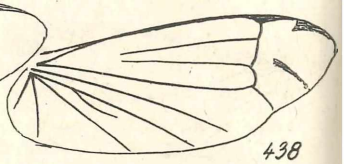

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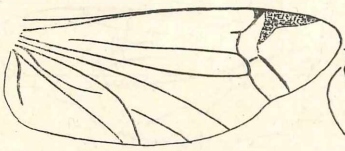

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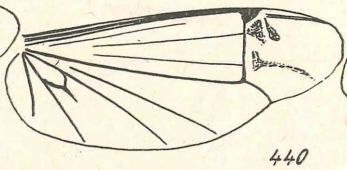

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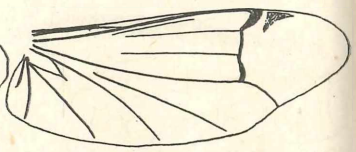

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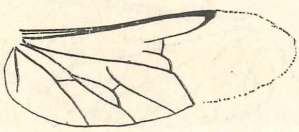

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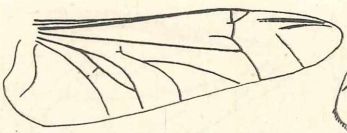

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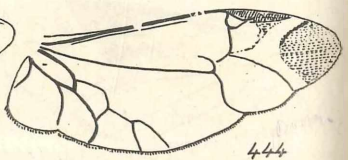

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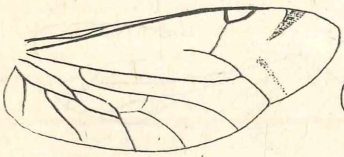

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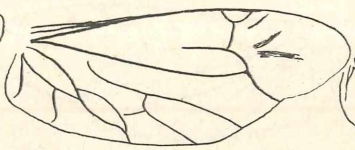

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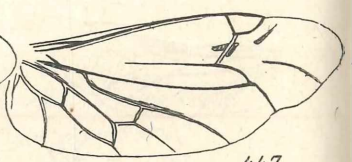

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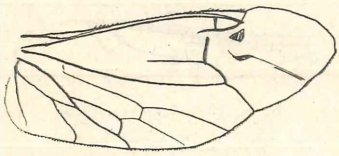

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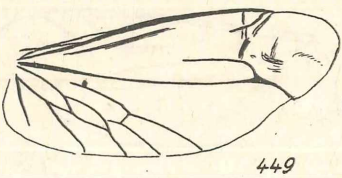

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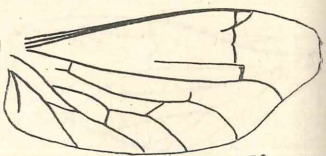

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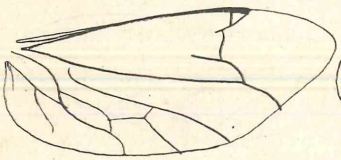

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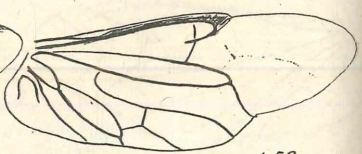

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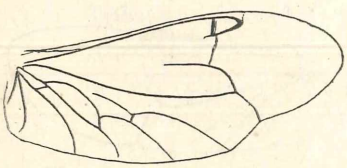

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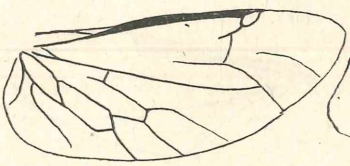

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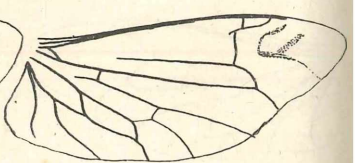

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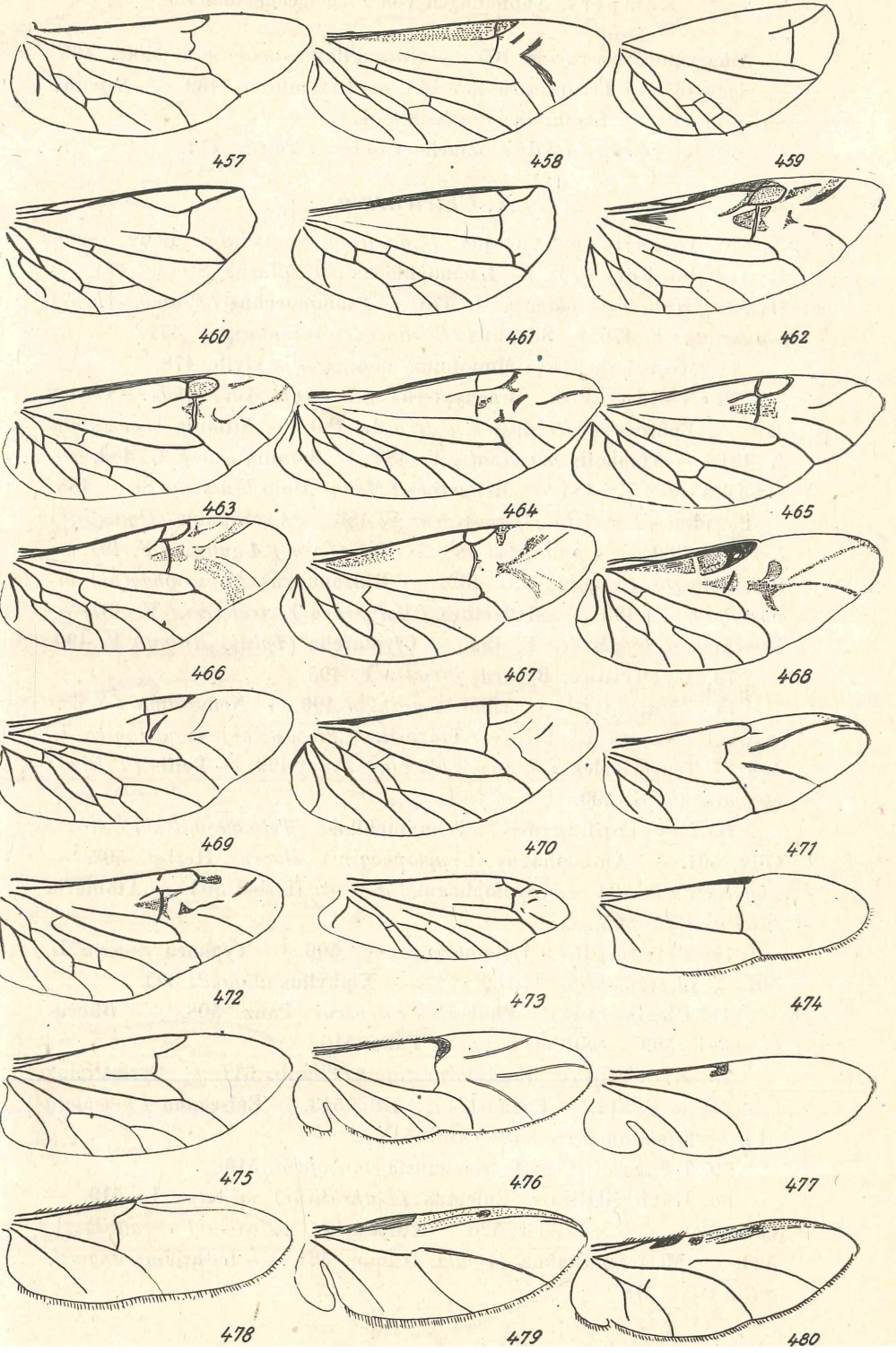

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— **Amarygmus** *cuprarius* **465**. — **Strongilium** *ambiginum* Möhl. **466**. — *gigas* **467**. — **Ceropria** *induta* **468**. — **Toxicum** sp. **469**. — **Setenus** *coracina* **470**. — **Liochrodes** *discoidalis* **471**.

69. Rhysopaussidae: **Ziaelas** *insolutus* Fairm. **472**.

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70. Cucujidae: **Cucujus** *(Cucujini) imperialis* Lew. (nach Redtenbacher) **473**. — **Laemophloeus** *ferrugineus* Steph. **474**. — **Hyliota** *(Hyliotini) planatus* L. **475**. — **Psammoechus** *(Psammoechini) bipunctatus* F. **476**. — **Silvanus** *(Silvanini) unidentatus* F. **477**.

71. Monotomidae: **Monotoma** *angusticollis* Gylh. **478**.

72. Nitidulidae: **Brachypterus** *(Brachypterini) glaber* Newm. **479**. — **Epuraea** *(Nitidulini) aestiva* L. **480**. — **Nitidula** *bipustulata* L. **481**. — **Amphotis** *marginalis* F. **482**. — **Soronia** *grisea* L. **483**. — **Omosita** *colon* Er. **484**. — **Meligethes** *(Meligethini) brassicae* Scop. **485**. — **Pocadius** *(Pocadiini) ferrugineus* F. **486**. — **Cychramus** *(Cyllodini) luteus* F. **489**. — *4-punctatus* **488**. — **Ips** *(Ipini) 4-guttatus* F. **491**. — **Pithyophagus** *ferrugineus* L. **492**. — **Rhizophagus** *(Rhizophagini) bipustulatus* F. **493**. — **Meligethes** *(Meligethini) viridescens* F. **487**. — **Idaethina** *meligethoides* F. **494**. — **Cryptarcha** *(Ipini) strigata* F. **490**.

73. Byturidae: **Byturus** *fumatus* F. **495**.

74. Trogositidae: **Alindria** *grandis* **496**. — **Nemosoma** *(Nemosomini) elongata* L. **497**. — **Trogosita** *(Trogositini) mauritanica* L. **498**. — **Tenebrioides** *pini* (nach Burmeister) **499**. — **Peltis** *(Peltini) ferrugineum* L. **500**.

75. Cryptophagidae: **Telmatophilus** *(Telmatophilini) caricis* Oliv. **501**. — **Anthophagus** (*Cryptophagini*) *silaceus* Herbst **502**. — *nigricornis* F. **504**. — **Cryptophagus** *lycoperdi* Herbst **503**. — **Atomaria** *fuscipes* Gyll. **505**.

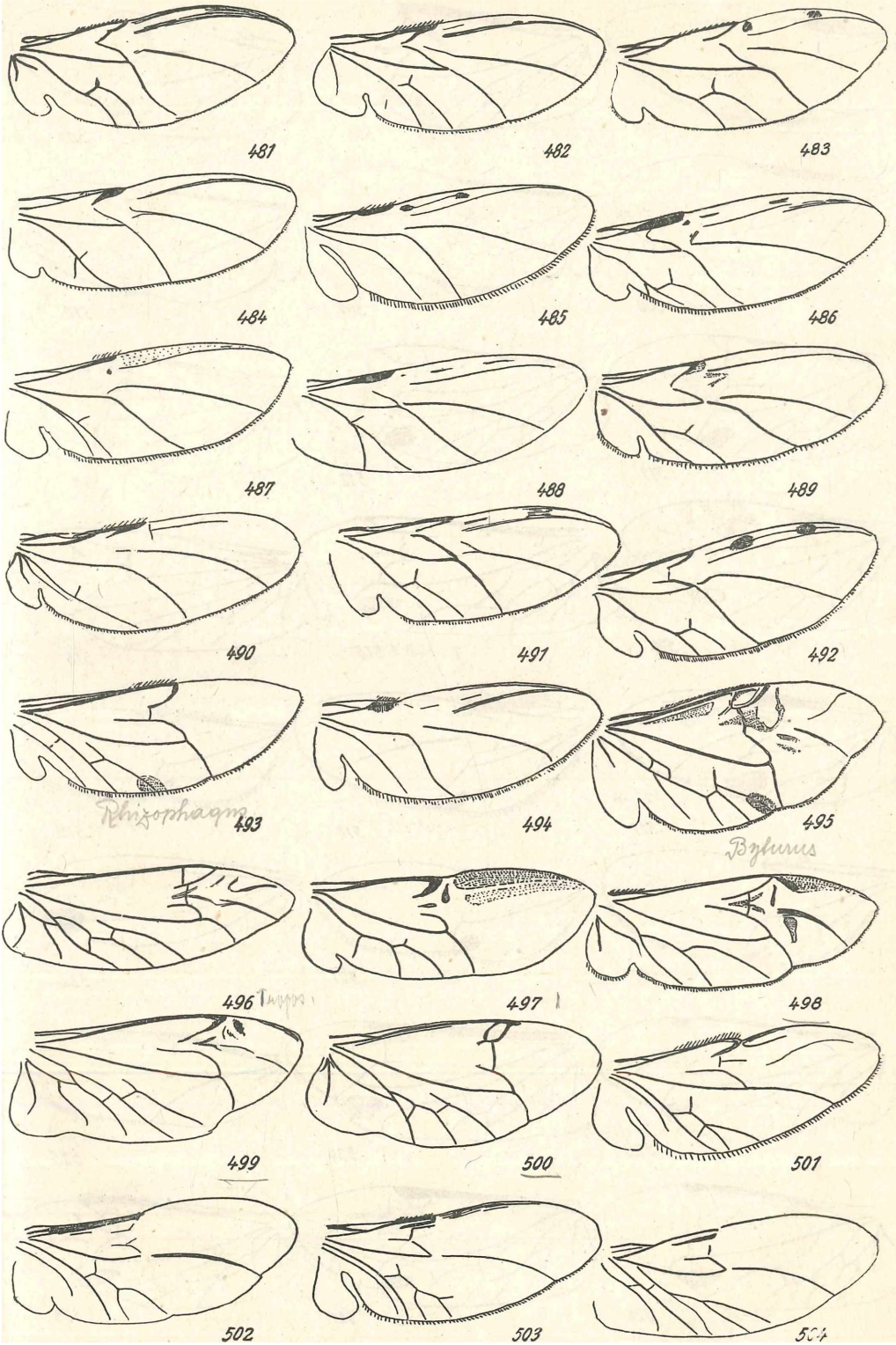
76. Tritomidae: **Tritoma** *picea* F. **506**. — **Typhaea** *fumata* L. **507**. — **Litargus** *bifasciatus* F. **517**. — **Xiphyllus** *alluaudi* **303**.

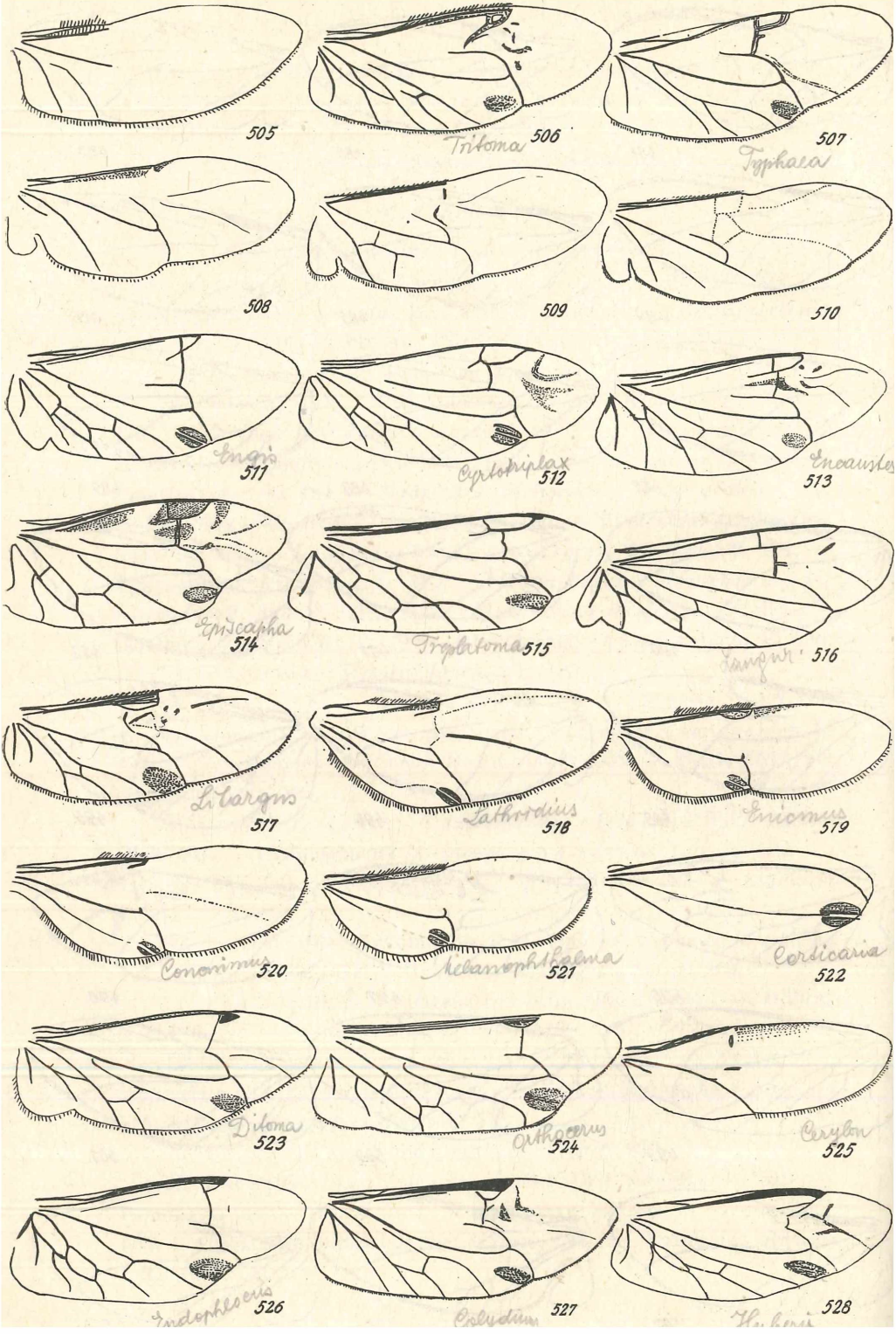
77. Phalacridae: **Phalacrus** *corruscus* Panz. **508**. — **Olibrus** *bicolor* F. **509**. — **Stilbus** *testaceus* Panz. **510**.

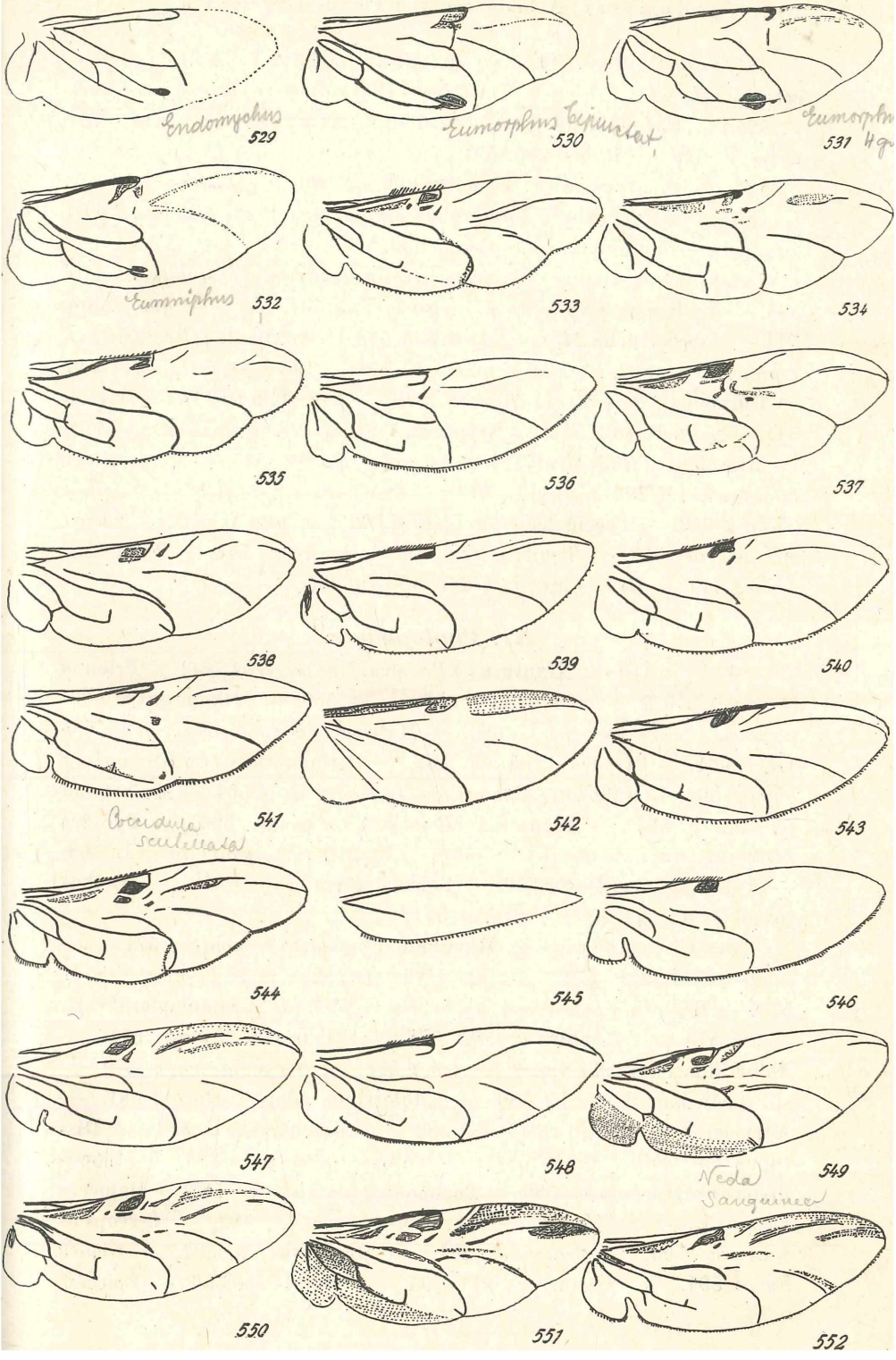
78. Erotylidae: **Engis** *bipustulata* Thunb. **511**. — **Cyrtotriplax** *bipustulata* F. **512**. — **Encaustes** *verticalis* **513**. — **Episcapha** *4 maculata* **514**. — **Triplatoma** *attenuata* Crull. **515**.

79. Languriidae: **Tetralanguria** *elongata* F. **516**.

80. Lathridiidae: **Enicmus** *(Lathridiini) minutus* L. **519**. — **Cononimus** *nodifer* Westw. **520**. — **Corticaria** *(Corticarini) serrata* Payk. **522**. — **Melanophthalma** *fuscula* Humm. **521**. — **Lathridius** *angusticollis* Gyll. **518**.


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Coccidula scutellata
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81. Colydiidae: **Ditoma** *(Synchitini) crenata* F. **523**. — **Orthocerus** *(Orthocerini) muticus* L. **524**. — **Cerylon** *(Cerylonini) histeroides* F. **525**. — **Endophloeus** *spinulosus* **526**. — **Colydium** *(Colydiini) filiforme* F. **528**. — **Hyberis** sp. **527**.

82. Endomychidae: **Endomychus** sp. **529**.

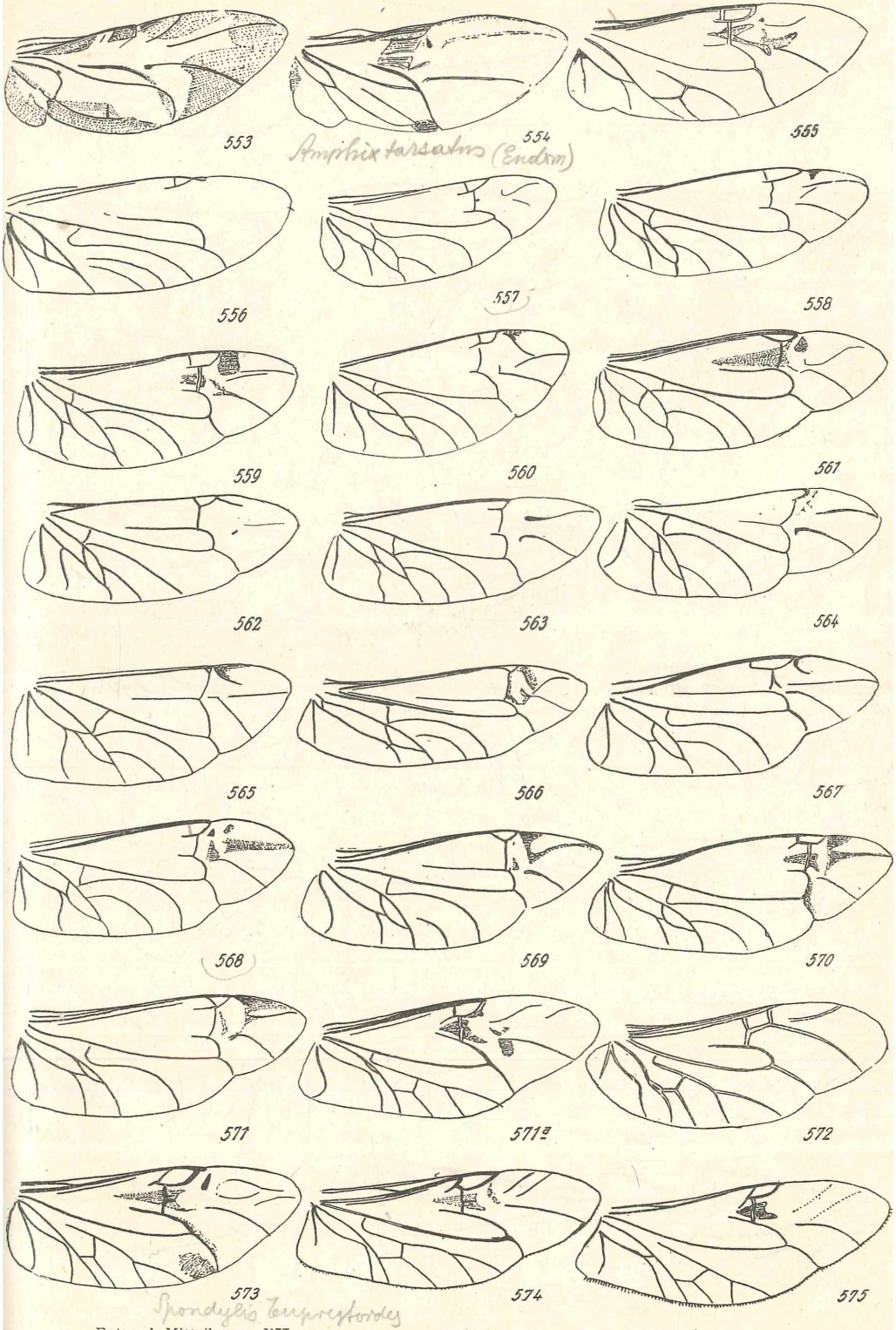
83. Eumorphidae: **Eumorphus** *bipunctatus* Perty **530**. — *4-guttatus* **531**. — **Eumniphus** *marginatus* **532**.

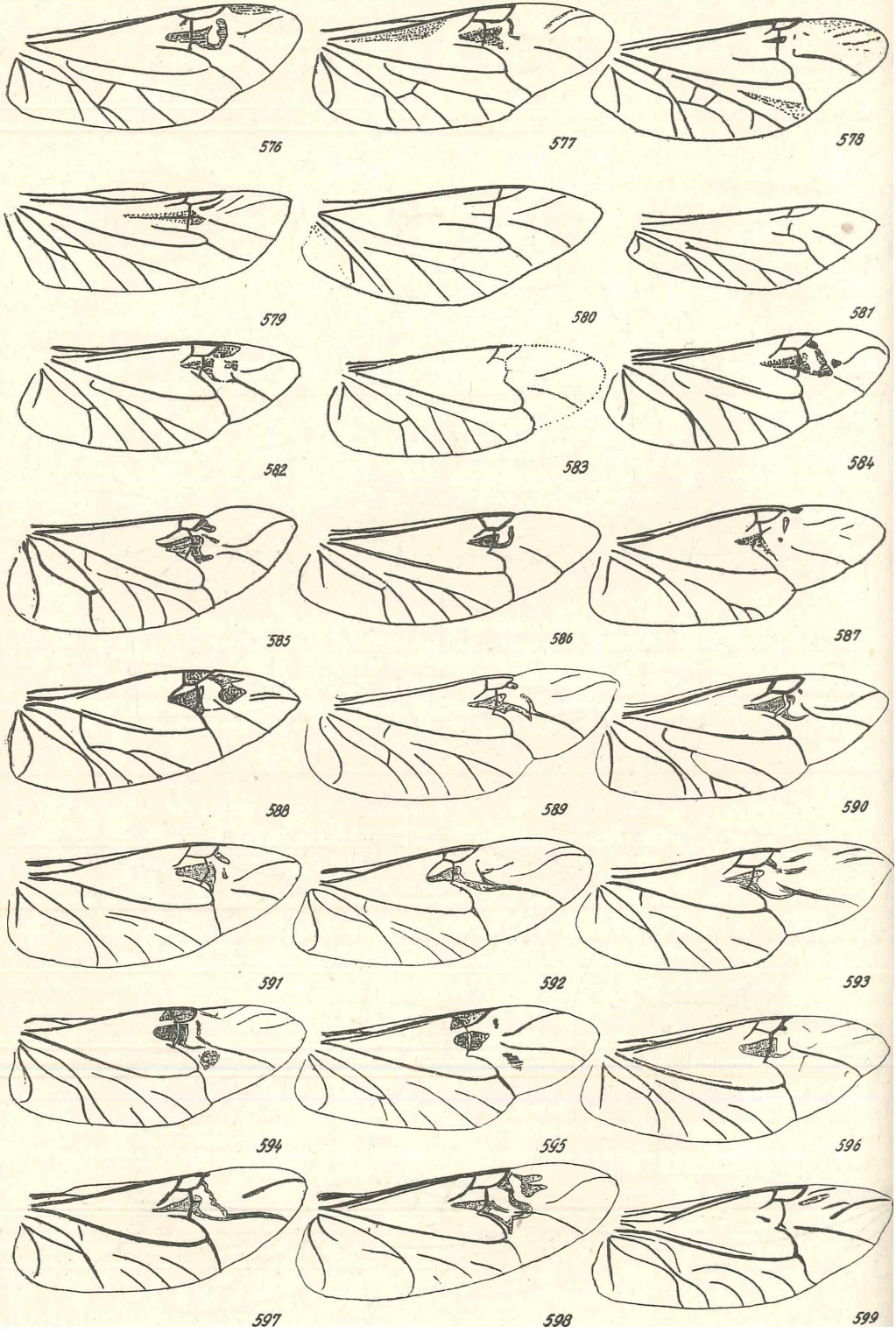
84. Coccinellidae: **Chilocorus** *(Chilocorini) renipustulatus* Scriba **533**. — **Epilachna** *(Epilachnini) pusillanima* **534, 535**. — *argus* Fourc **544**. — **Subcoccinella** *24-punctata* L. **536, 548**. — **Coccinella** *(Coccinellini) 7-punctata* L. **537**. — *hieroglyphica* L. **538**. — *oblongopunctata* L. **539**. — **Rhisobius** *(Rhisobiini) litura* F. **540**. — **Coccidula** *scutellata* Herbst **541**. — *rufa* Herbst **542**. — **Scymnus** *(Scymnini) nigrinus* Kugel **543**. — **Rhisobius** *(Rhisobiini) chrysomeloides* Herbst **545**. — **Anisosticta** *(Coccinellini) 19-punctata* L. **547**. — **Exochomus** *(Chilocorini) flavipes* Thunb. **552**. — **Coccinella** *(Coccinellini) 22-punctata* L. **551**. — *variabilis* Herbst **550**. — **Scymnus** *(Scymnini) brunneus* **546**. — **Neda** *sanguinea* **549**. — **Exochomus** *(Chilocorini)* sp. **553**.

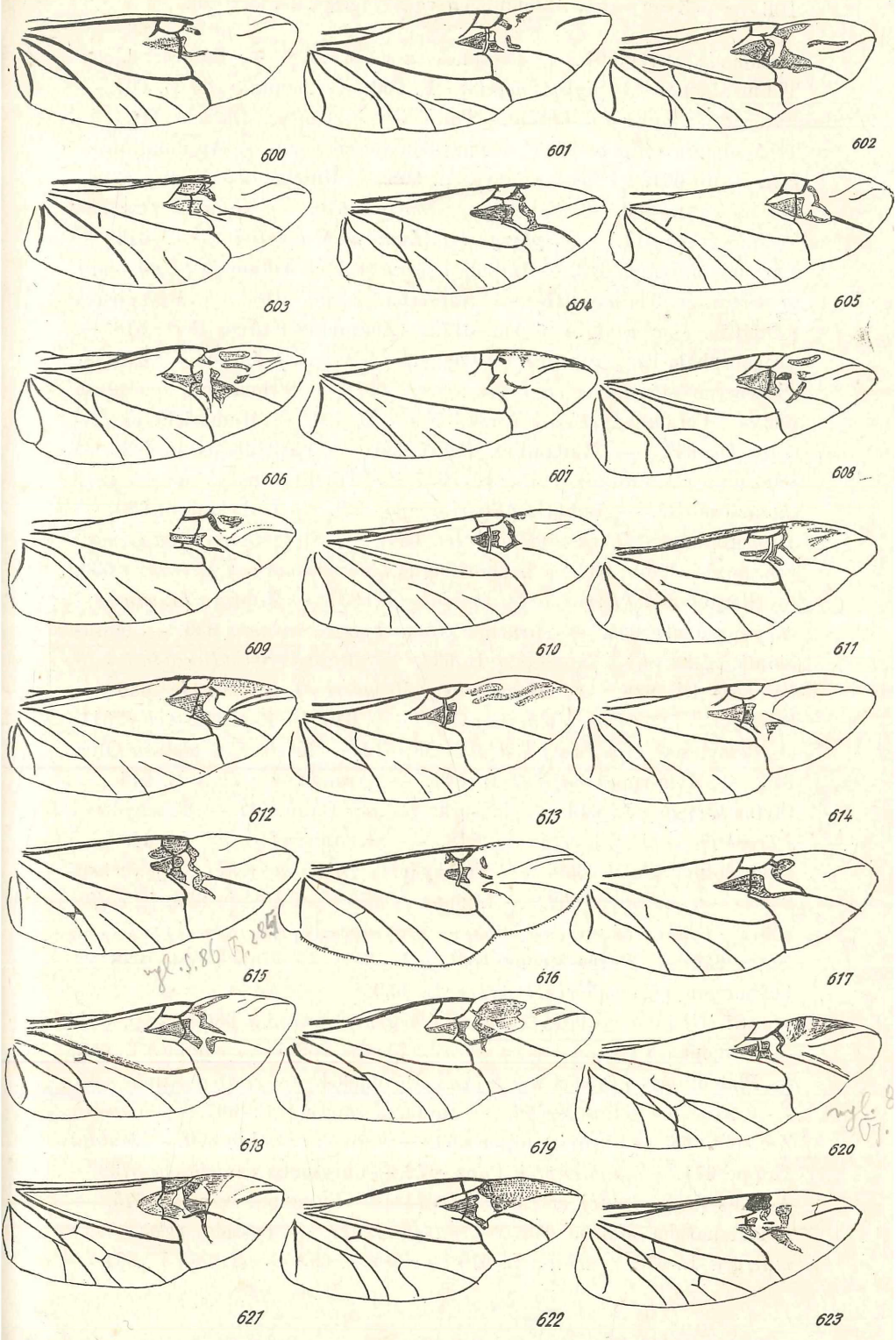
XI. Phytophaga.

85. Prionidae: **Xixuthrus** *(Prionini) microcerus* **556**. — **Prionus** *coriarius* L. **557**. — *laticollis* Drury **558**. — sp. **559**. — **Orthomegas** *(Callipogonini) cinnamomeus* L. **560**. — **Mallospis** *(Derancistrini) leucaspis* Guér. **561**. — **Pyrodes** *nitidus* F. **562**. — **Cyrtognathus** *(Callipogonini) buqueti* **563**. — **Mallodon** *(Macrotomini) downesi* Hope **564**. — **Macrotoma** *palmuta* F. **565**. — **Aegosoma** *(Prionini) marginale* **566**. — **Pyrodes** *(Derancistrini) speciosus* Oliv. **567**. — **Ergates** *(Prionini) faber* L. **568**. — **Aulacopus** *natalensis* **569**. — **Lophostermus** *indicus* **570**. — **Orthosomus** *(Callipogonini) brunneus* **571**.

86. Cerambycidae: **Rhagium** *(Lepturini) mordax* **571a**. — *inquisitor* Fourc. **572**. — **Spondylis** *(Spondylini) buprestoides* L. **573**. — **Leptura** *(Lepturini) fulva* De G. **574**. — **Grammoptera** *ruficornis* **575**. — **Leptura** *armata* **576**. — **Gaurotes** *virginea* **577**. — **Notorrhina** *(Cerambycinae) muricata* **578**. — **Necydalis** *major* **579**. — sp. (nach Handlirsch) **580**. — **Molorchus** *panzeri* Harold **581**. — **Acmocera** *(Lamiinae) compressa* **582**. — *undulata* Qued. **583**. — **Discopus** *spectabilis* Bates **584**. — **Cotops** *leucostictica* **585**. — **Liopus** *(Lamiinae) nebulosus* **586**. — **Pogonochaerus** *hispidus* **587**. — **Batocera** *albofasciata* Dej. **588, 602**. — **Carneades** *championi* **589**. — **Cereopsius** *niassicus* **590**. — *praetorius* **591**. — **Oncoderes** sp. **592**. — **Glenea** *hygia* **594**. — **Spenura** *camilla* **595**. — **Nitocris** sp. **596**. — **Epicedia**

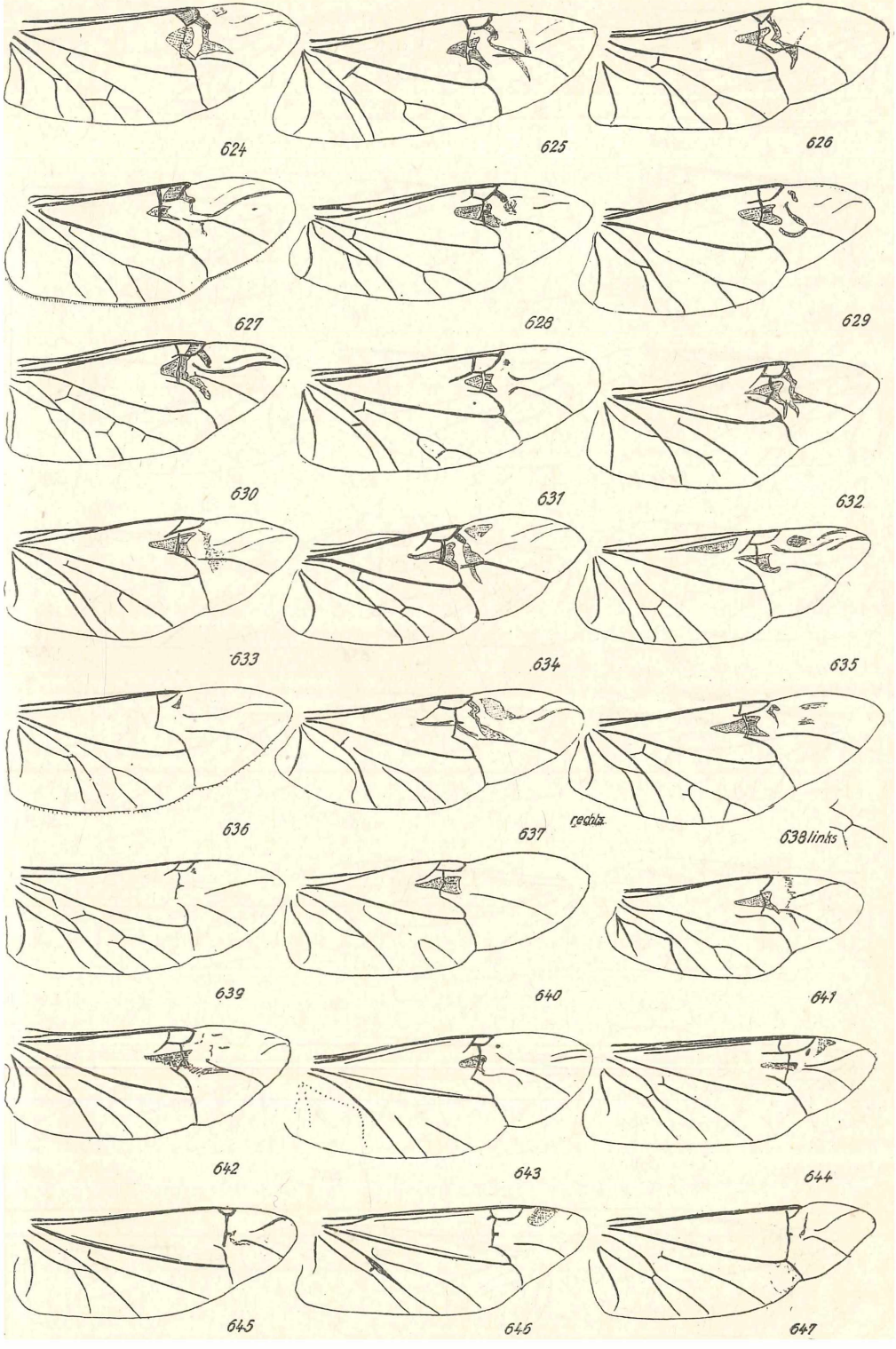

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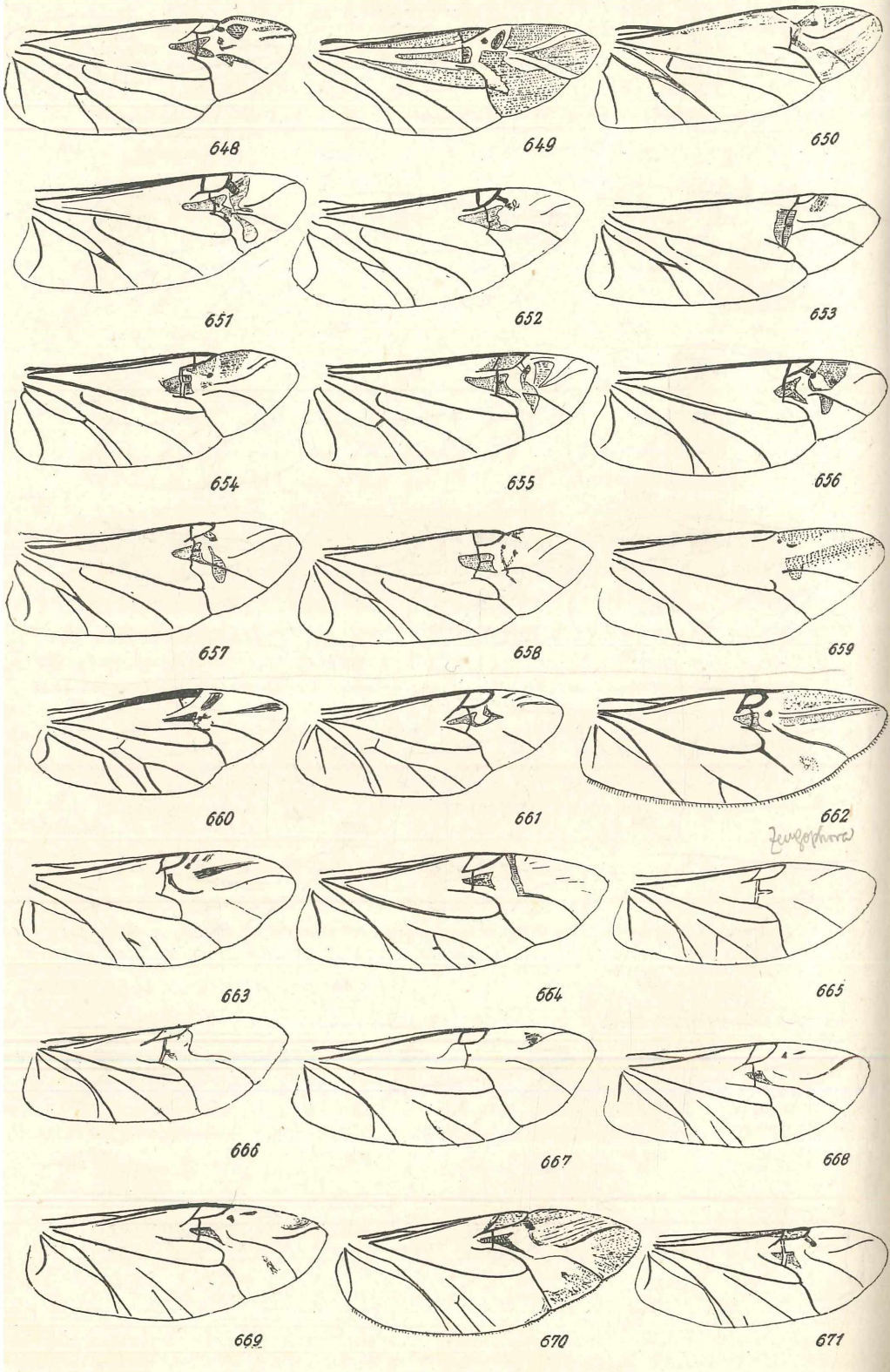

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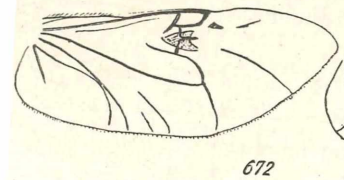

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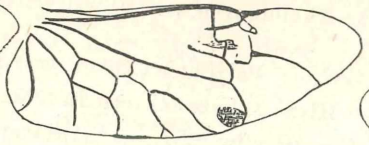
maculatrix Perty 597. — **Ceroplesis** *aestuans* 598. — **Batocera** *hector* Thoms. 599. — **Ceroplesis** *aethiops* F. 600. — **Lamia** *textor* L. 601. — **Batocera** *albofasciata* 602. — **Tmesisternus** *politus* Blanch. 603. — **Trigonoptera** *spilonota* 605. — **Phryneta** *spinator* 606. — **Apriona** *flavescens* Kaup 607. — **Neocerambyx** sp. 608. — **Gnoma** *(Lamiinae) longitarsus* Pasc. 609. — **Saperda** *carcharias* 610. — **Gerania** *(Cerambycini) bosci* 611. — *Sphingnotis* (*Lamiinae*) *albertisi* Gest. 612. — **Phryneta** *spinator* 613. — **Inesida** *leprosa* 614. — **Volumnia** *(Lamiinae) westermanni* Thoms. 615. — **Nupserha** *fricator* 616. — **Dryoctenes** *(Lamiinae) scrupulosus* Germ. 617. — **Zographus** *aulicus* Bert. 618. — **Tragocephala** *variegata* 619. — **Pachyta** *(Lepturini) 4-maculata* 620. — **Plocederus** *(Cerambycinae) bennigseni* 621. — **Stromatium** *barbatum* 622. — **Cerambyx** *(Cerambycini) cerdo* L. 623. — **Hamaticherus** *plicatus* Ol. 624. — **Mallambyx** *raddei* 625. — **Pachydissus** sp. 626. — **Ceresium** *(Callidiopini) flavipes* 627. — **Trachyderus** *(Trachyderini) thoracicus* 628. — **Euburia** *(Eburini)* sp. 629. — Unbekannt. 630. — **Hesperophanus** *(Cerambycinae)* sp. 631. — **Sternotomis** *(Lamiinae) bohemanni* Chevr. 632. — **Lophonocerus** *(Sternacanthini) hirticollis* 633. — **Sternotomis** *(Lamiinae) imperialis* F. 634. — **Leptura** *(Lepturini) chrysomeloides* 635. — **Gracilia** *(Cerambycini) minuta* 636. — **Stirastoma** *(Lamiinae) depressum* L. 637. — **Dorcacerus** *(Dorcadocerini) barbatus* Ol. 638. — **Megaderus** *(Megaderini) stigma* L. 639. — **Stirastoma** *(Lamiinae) marmoratum* Thnb. 640. — **Paranda** *glabra* 641. — **Ceroplesis** *(Lamiinae) hottentotta* F. 642. — **Xystrocera** *globosa* Oliv. 643. — **Hylotrupes** *bajulus* L. 644. — **Aromia** *moschata* L. 645. — **Clytus** *arcuatus* L. 646. — **Nupserha** *fricator* Dalm. 647. — **Trachyderes** *(Trachyderini) succinctus* L. 648. — **Stenopterus** *rufus* L. 649. — **Chloridolum** *klaesii* 650. — **Trachyderes** *(Trachyderini) cayennensis* 651. — *dimidiatus* 652. — **Litopus** *(Callichromini)* sp. 653. — *caffer* 654. — **Cyllene** *cayennensis* 655. — **Chrysoprasis** *(Heteropsini) ruficoxis* Bates 656. — **Purpuricenus** *köhleri* L. 657. — Unbekannt. 658. — **Caenoptera** *(Cerambycini) minor* L. 659.

87. Chrysomelidae: **Sagra** *(Sagrini) femorata* 660. — sp. 661. — **Zeugophora** *(Criocerini) flavicollis* Marsh. 662. — *subspinosa* F. 663. — **Plateumaris** *(Donaciini) bracata* Scop. 664. — *rustica* Kunze 665. — *consimilis* Schrank 666. — **Donacia** *clavipes* F. 667. — *bicolora* Zschach 668. — *linearis* Hoppe 669. — *versicolor* Brahm 670. — *dentata* Hoppe 671. — *semicuprea* Panz. 672. — **Chrysochares** *asiatica* 673. — **Adoxus** *(Eumolpini) obscurus* L. 674. — **Eumolpus** *cupreus* 675. — **Aspidomorpha** *similis* 676. — *punctata* 677. — **Cassida** *(Cassidini) murraea* L. 678. — *nobilis* L. 679. — *vibex* L. 680. — *nebulosa* L. 681. —

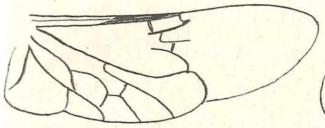

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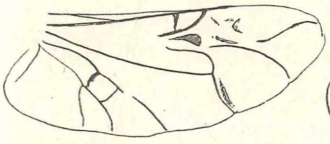

Chrysoclades asiatica 673

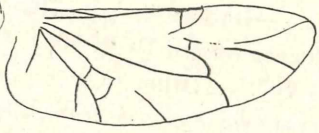

Adoxus obscurus (Eumolpin) 674


Eumolpus cuprea 675

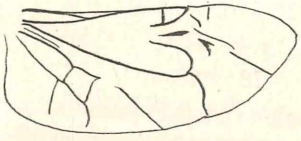

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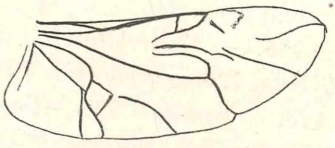

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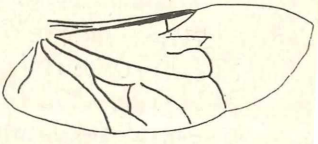

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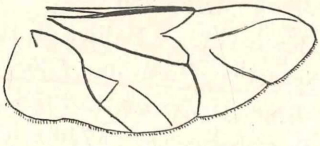

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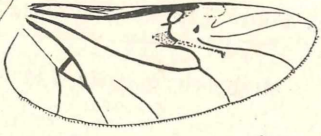

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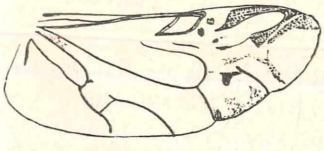

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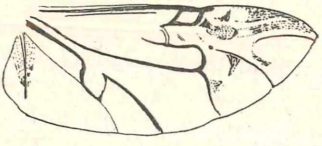

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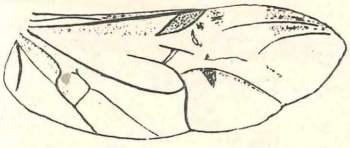

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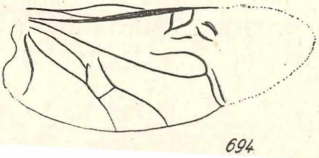

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Coptocycla *catenata* 682. — **Polychalca** *variolosa* 683. — **Alurnus** *marginatus* Guér. 684. — **Hispa** *(Hispini) atra* L. 685. — **Clytra** *(Clytrini) cyanea* F. 686. — *affinis* Hellw. 687. — **Cryptocephalus** *(Cryptocephalini) sericeus* L. 688. — **Clytra** *(Chlytrini) 4-punctata* L. 689. — **Sphaerometopa** *melanocephala* 690. — *acroleuca* 691. — **Gonioctena** *(Chrysomelini) viminalis* L. 692. — **Haplosonyx** *albicornus* 693. — **Aplosonyx** *albicornis* 694. — **Sermyla** *(Galerucini) halensis* L. 695. — **Gonioctena** *(Chrysomelini) olivacea* Forst. 696. — **Luperus** *(Galerucini) flavipes* L. 697. — *longicornis* F. 698. — **Oides** sp. 699. — **Galeruca** *(Galerucini) rustica* Schall. 700. — *tanaceti* L. 701. — **Podagrica** *(Halticini) fuscicornis* L. 702. — **Doridea** *insignis* 703. — **Aulacophora** *acutipennis* F. 704. — **Ortholaca** *ancora* Redt. 705. — *serena* Boh. 706. — **Phyllocharis** *undulatus* 707. — **Orina** *(Chrysomelini) polymorpha* 708. — *gloriosa* 709. — **Chrysomela** *hyperici* Forst. 710. — *polita* L. 711. — *sanguinolenta* L. 712. — *haemoptera* L. 713. — *varians* Schall. 714. — **Melasoma** *viginti punctata* Scop. 715. — *tremulae* F. 716. — *populi* L. 717. — *saliceti* Weise 718. — **Gastroidea** *viridula* De G. 719. — **Crioceris** *(Criocerini) lilii* Scop. 720. — *asparagi* L. 721. — *12-punctata* L. 722. — **Lema** *melanopa* L. 723. — *cyanella* L. 724. — **Gonophora** *haemorrhoidalis* 725. — **Prasocuris** *(Chrysomelini) phellandrii* L. 726. — *Aniscdera* sp. 727. — **Botnjopa** *sanguinea* 728. — **Graptodera** *cyanea* 729. — **Crepidodera** *(Halticini) transversa* Mrsh. 730. — *ferruginea* Scop. 731. — **Mantura** *chrysanthemi* Koch 732. — **Haltica** *oleracea* L. 733. — *quercetorum* Foudr. 734. — **Sebaethe** *affinus* Jac. 735. ? ? 736.

88. Bruchidae: **Bruchus** *pisorum* L. 737. — *rufimanus* Boh. 738. — *villosus* F. 739. — **Caryoborus** *bactris* 740.

89. Platyrrhinidae: **Urodon** *(Urodontini) rufipes* Ol. 741. — **Brachytarsus** *variegatus* Fourc 742. — **Macrocephalus** *(Platyrrhinini) albinus* 743. —

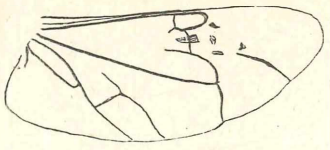
90. Anthribidae: **Mecocerus** *gasella* 744. — **Eucorynus** *crassicornis* 746. ·

91. Nemonychidae: **Rhinomacer** *attelaboides* F. 745.

92. Platypidae: **Crossotarsus** *bonvouloiri* 747. — **Platypus** *solidus* 748.

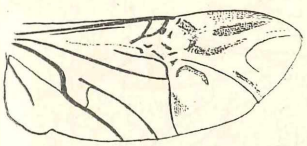
93. Scolytidae: **Scolytus** *(Scolytini) destructor* Ol. 749. — **Myelophilus** *(Hylesinini) piniperda* L. 750. — **Hylastes** *(Hylastini) ater* Payk. 751. — **Tomicus** *(Tomicini) 6-dentatus* Boerner 752. — *laricis* F. 753. — **Xylocleptes** *bispinus* Dfts. 754.

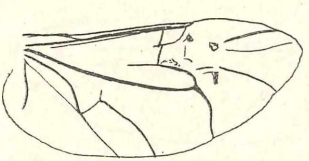
94. Curculinidae: **Apoderus** *(Attelabini) coryli* L. 755. — **Attelabus** *nitens* Scop. 756. — **Rhynchites** *(Rhynchitini) nanus* Payk. 757. — **Apion** *(Apionini) marchicum* Herbst. 758. — **Phyllobius** *(Phyllo-*

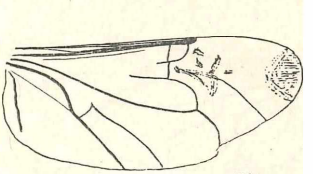

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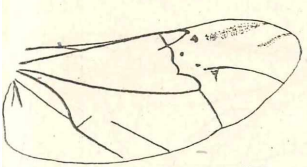

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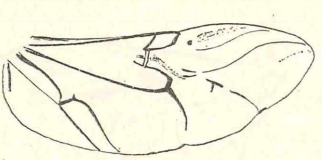

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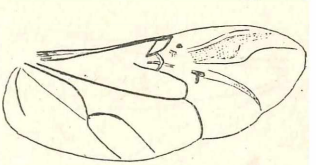

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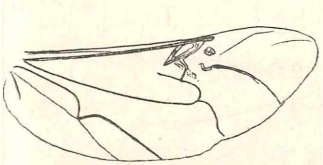

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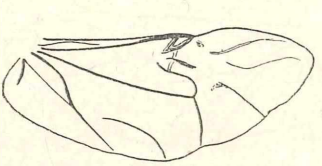

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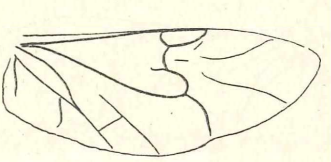

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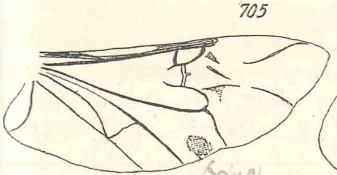

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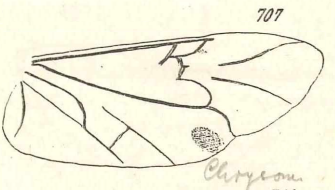

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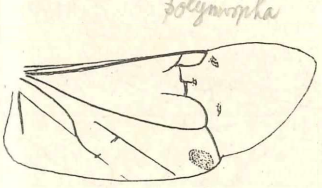

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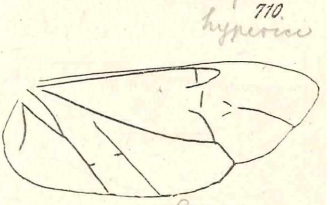

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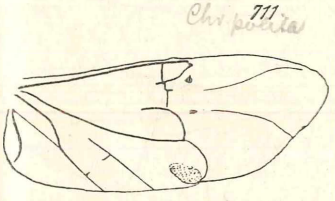

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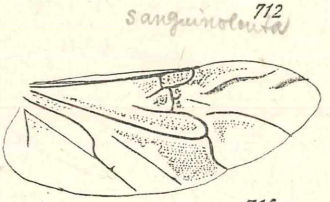

Chrysom.
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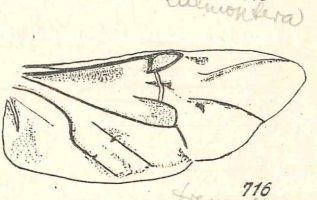

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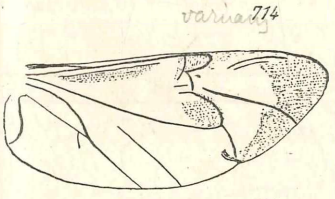

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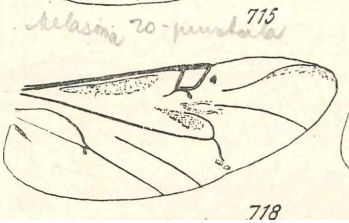

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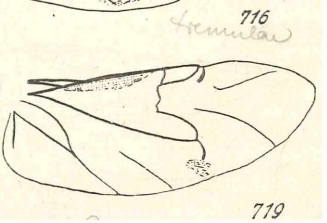

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Melasma 10-punctata
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hemiptera
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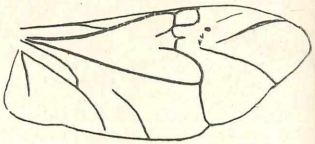

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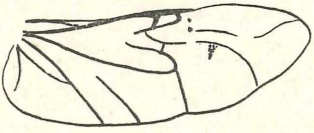

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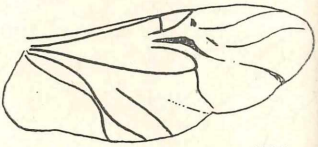

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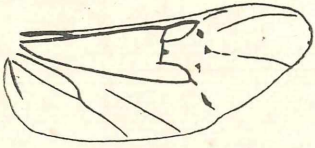

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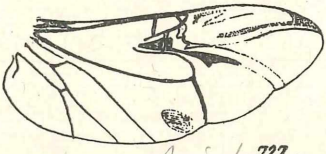

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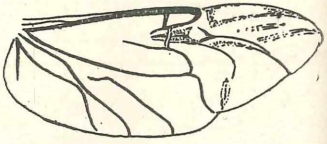

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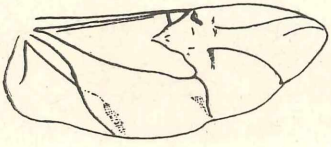

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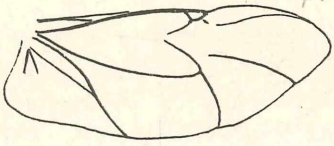

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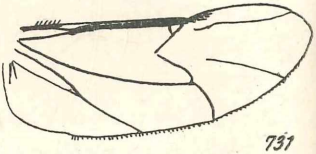

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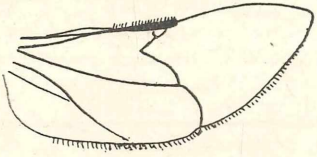
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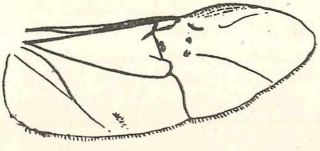

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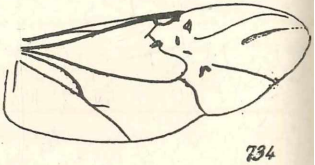

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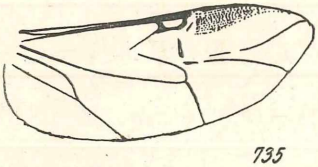

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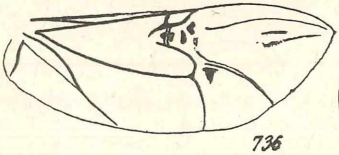

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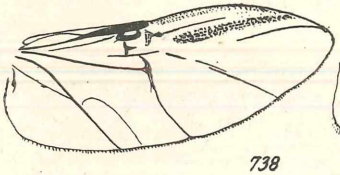

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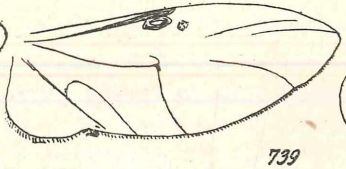

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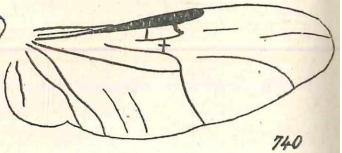

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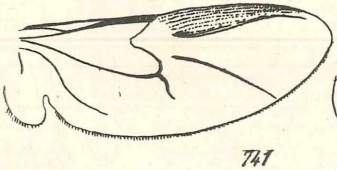

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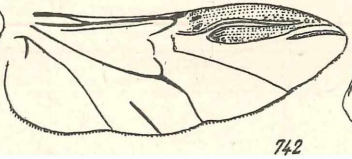

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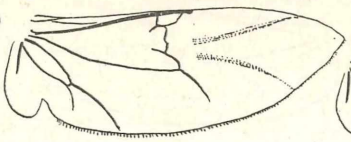

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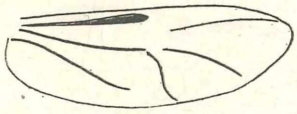

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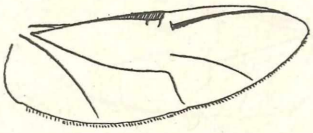

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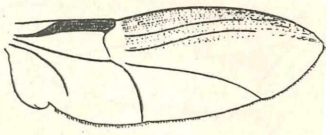

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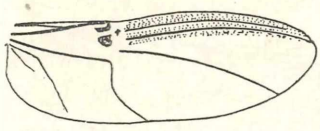

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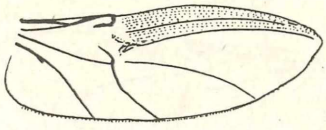

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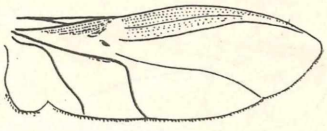

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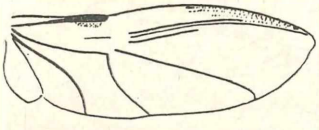

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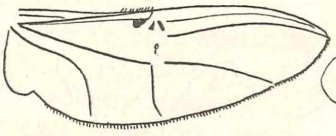

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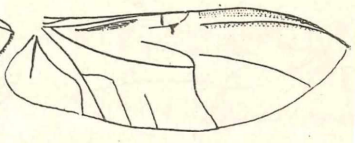

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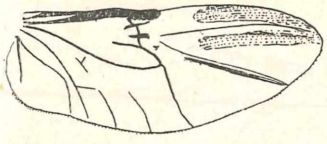

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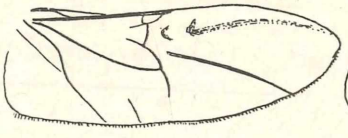

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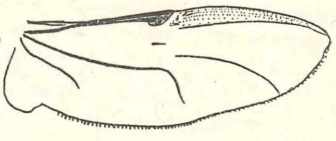

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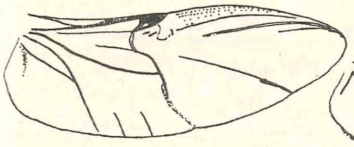

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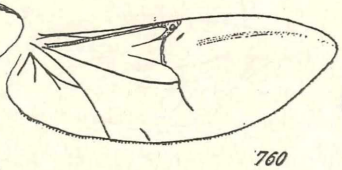

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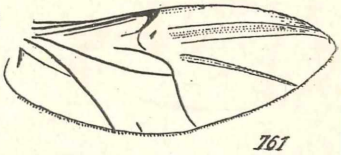

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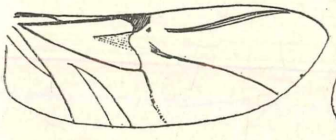

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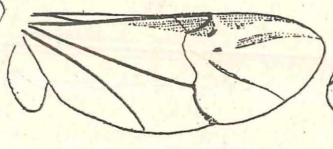

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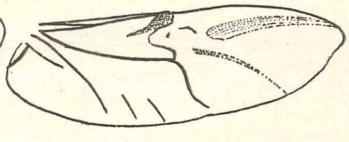

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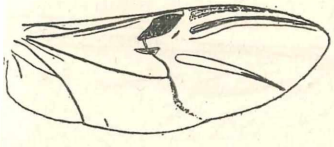

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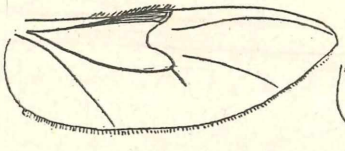

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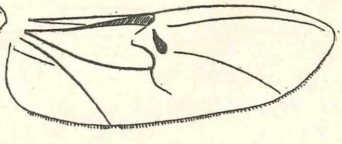

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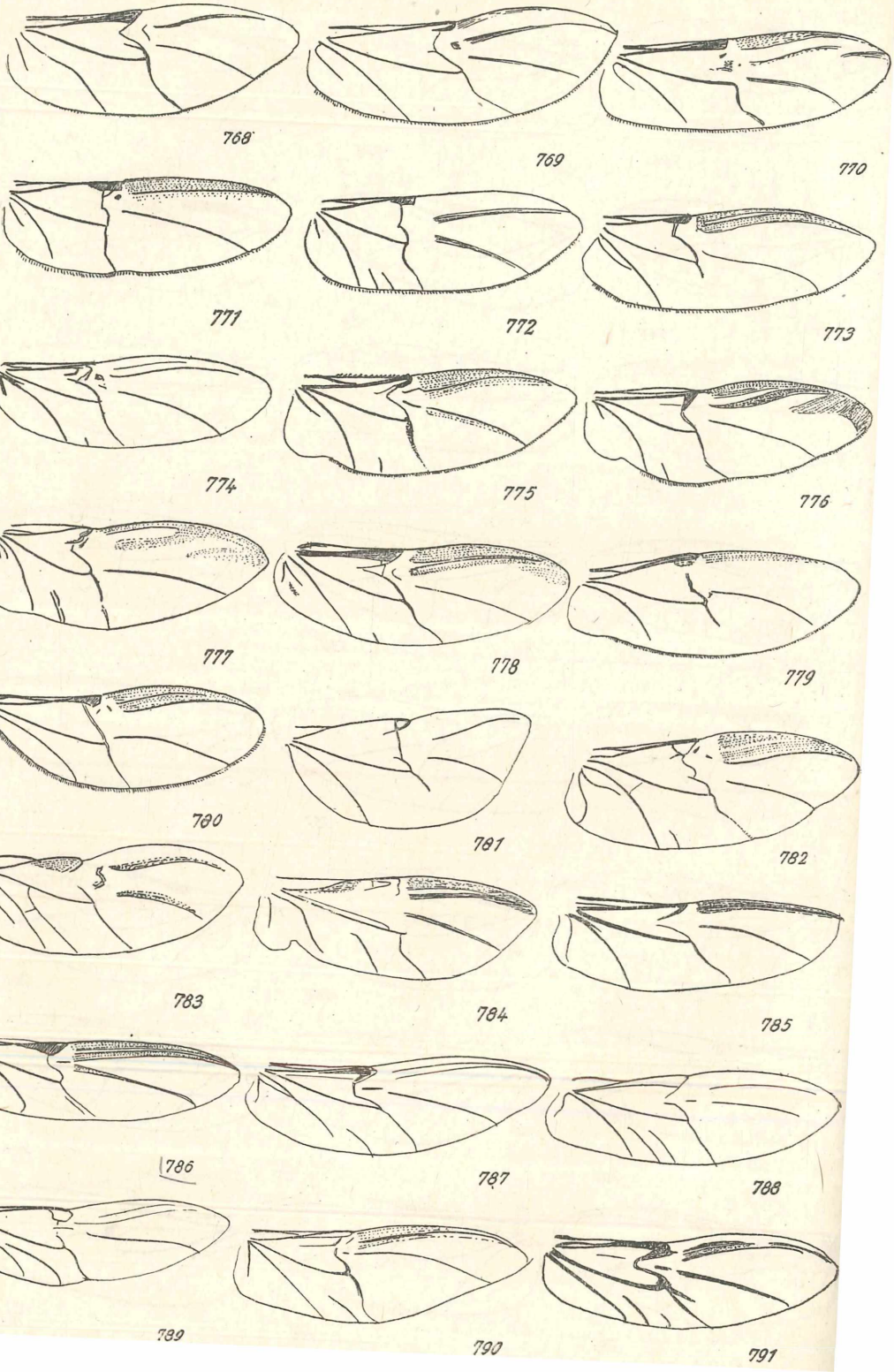

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biini) argentatus L. 759. — **Sitona** *(Sitonini) grisea* F. 760. — **Hypera** *(Hyperini) punctata* F. 761. — **Cleonus** *(Lixini) sulcirostris* L. 762. **Lepyrus** *(Curculionini) palustris* Scop. 763. — **Larinus** *(Lixini) maurus* 764. — **Curculio** *(Curculionini) abietis* L. 765. — **Tanysphyrus** *(Tanysphyrini) lemnae* Payk. 766. — **Stenopelmus** *rufinasus* Gyll. 767. — **Grypidius** *(Erirhinini) equiseti* F. 768. — **Dorytomus** *dejeani* Faust 769. — **Orchestes** *(Orchestini) quercus* L. 770. — **Anthonomus** *(Anthonomini) rubi* Herbst 771. — **Magdalis** *(Magdalini) duplicata* Germ. 772. — **Mecinus** *(Gymnetrini) pirastер* Herbst 773. — **Cryptorrhynchus** *(Pissodini) lapathi* L. 774. — **Cionus** *(Cionini) scrophulariae* L. 775. — **Mononychus** *(Ceuthorrhynchini) punctum album* Herbst 776. — **Ceutorrhynchus** *marginatus* Payk. 777. — **Balaninus** *(Balaninini) venosus* Grav. 778. — **Calandra** *(Calandrini) oryzae* L. 779. — **Episomus** *simulator* Faust 780. — **Cossomus** *(Cossonini) planatus* Bedel 781. — **Sipalus** *gigas* 782. — *guinensis* 782. — ? 784. — ? (Kl. Klapperkäfer) 785.

95. Brenthidae: **Baryrhynchus** *deluxus* 786. — **Schizotrachelus** *brevicaudatus* 787. — **Eutrachelus** *temmincki* 788. — **Diurus** *furcillatus* Gyll. 789. — ? 790. — **Magacerus** *pubescens* 791.

A. Dampfs Aegypten-Ausbeute: Thysanoptera.

Von H. Priesner, Linz.

(Mit 8 Textfiguren.)

(Schluß.)

Es liegen mir auch drei zu dieser Art gehörige Puppen vor, die sich durch sehr lange Borsten auszeichnen. Prothorax in derselben Anordnung wie bei der Imago beborstet. Die Flügelscheiden erreichen etwa das 5. Abdominalsegment, die Außenränder der vorderen sind mit je 6 langen Borsten versehen (längste 68 μ), die an kleinen Erhebungen sitzen. Am 9. Abdominaltergit des ♀ sehe ich oben 4 nicht besonders lange (11 μ) Stacheln, die voneinander ziemlich weit abstehen (Abb.). Das letzte Segment ist nicht spitzig ausgezogen.

Fundorte: 2 Larven, 3 Puppen, Madi, 13. VIII. 1919, Sonnenblume, im Gespinst von Spinnmilben!; 1 ♀, 1 Larve, Madi, 16. VIII. 1919, in Blüten der oben (*Anaph. antilope*!) genannten Komposite; 2 ♀♀, Madi, 21. VII. 1919, aus der Lebensgemeinschaft der dichten Bestände einer *Chenopodiacee* (*Echinopsilon*?) am Niluferhang; 1 Larve, Madi, 13. VIII. 1919, *Echinopsilon* (?), zwischen Milben (!).

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Artikel/Article: Abbildungen von Flügelgeäder der Coleopteren. 71-115