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Genera Encyrtidarum regionis palaearcticae

Auctoribus

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Post tabellas dichotomicas MAYRI et THOMSONI (1875), quae genera et species huius familiae delicatissimae amplexae sunt, publicatio talis tabellae a MERCET (1921) facta progressus magnos in systemate Encyrtidarum significavit. At decenniis elapsis variationes in nomenclatura, novaeque detectiones in systemate fortius in dies postulaverunt confectionem novarum tabellarum. Hoc et factum est duobus operibus eximiis editis, quarum una a NIKOLSKAJA (1952), altera a FERRIÈRE (1953) publicata est.

Eodem tempore, independenter ab his duabus tabellis ultimis, constituimus unam tabellam dichotomicam pro generibus Encyrtidarum Hungariae. Problemata systema Encyrtidarum spectantia in praevis epistolis amplis inter nos mutatis dissolvere nitebamur, tandem, tamquam

fructus harum discussionum, Erdős in formam tabellae redegit, Novicky vero acceptavit. Interim apparuerunt duae tabellae supra laudatae, quibus, necnon descriptionibus generum novorum a Hoffer editis, in rectificatione et complemento tabellae nostrae usi sumus.

Annuntiare debemus, quod tempus conficiendi tabellas definitivas in familia Encyrtidarum nondum advenerit. De die enim in diem deteguntur genera nova, quae indescripta videntur. Dein genera extranea, inter ea exotica, quorum descriptiones originales propter brevitatem pro nobis inscrutabiles, vel etiam inadipiscibiles erant, in futuro per redescriptionem dilucidabuntur. — Attamen speramus, quod uti tabella provisorica nunc temporis studiosos in determinatione multum iuvare possit, cum in confectione eius scopos praticos magis vigere, characteresque plus-minus faciliter dignoscibiles aptare contenderimus.

Distributionem generum in tribus vel subtribus absolute a tabella generum, auctoritate TIMBERLAKE-i (1923, p. 58) sic contemplamus.

- Subfamilia *Arrhenophaginae* Merc. (1921),
 „ *Antheminae* Merc. (1922),
 „ *Encyrtinae* How. (1886).

I. Tribus *Pseudorhopini* nov.

Species non metallica, funiculo in utroque sexu 5-articulato, nervo submarginali brevi, marginali punctiformi, radiali et postmarginali rudimentariis. Unicum genus *Pseudorhopus* Timb.

II. Tribus *Leptomastidini* nov.

Species sordide testaceae, vel ravae, raro metallico-micantes; mandibulae bidentatae; vertex latus, orbitis internis subparallelis; antennae funiculo 6-articulato, in genere tantum *Anomalicornia* Merc. 7-articulato, in ♀♀ raro breves et clavatae, in ♂♂ longe-pilosa pilis fere verticillatis; alae raro maculatae, postmarginali saepius rudimentario; formae brachypterae non rarae.

Subtribus *Rhopina*: *Rhopus* Först., *Doliphoceras* Merc., *Platyrrhopus* Erd.;

subtribus *Anusiina*: *Anusia* Först., *Asitus* Erd., *Ioessa* Erd.;

subtribus *Leptomastidina*: *Anomalicornia* Merc., *Xanthoëctroma* Merc., *Leptomastidea* Merc., *Callipteroma* Motsch., *Leptomastix* Först., *Anagyrus* How., *Thomsonisca* Ghesqu.

III. Tribus *Quadrencyrtini* Hffr. (1953).

Corpus valde deplanatum, ocellis absentibus, pronoto magno, scutello et scuto mesonoti fortiter abbreviatis, mandibulis 4-dentatis, alis rudimentariis. Unicum genus *Quadrencyrtus* Hffr.

IV. Tribus *Ectromini* Ashm. (1900).

Mandibulae bidentatae; antennae ♂♂ et ♀♀ similes; corpus raro metallicum; pronotum grande; alae saepe parvae, evolutae ordinarie maculatae.

Subtribus *Ectromina*: *Dinocarsis* Först., *Dicarnosis* Merc., *Dinocarsiella* Merc., *Dusmetia* Merc., *Ectroma* Westw., *Aquaencyrtus* Hffr.;

subtribus *Ericydnina*: *Ericydnus* Walk., *Clausenia* Ishii.

V. Tribus *Mirini* Ashm. (1900).

Mandibulae 3-dentatae; antennae funiculo 6-articulato, saepe deplanato; pronotum grande, scutum mesonoti breve, transversum; terebra ♀ saepe exserta; alae rarius evolutae, tunc fere semper maculatae; color corporis ordinarie testaceus, saepe metallico-maculatus, raro integre metallicus. Tribus sat heterogenea! Genera: *Mettallon* Walk., *Mira* Schellenb., *Metanotalia* Merc., *Baeocharis* Mayr, *Echthroplexiella* Merc.

VI. Tribus *Aphycini* Hffr. (1954).

Mandibulae 3-dentatae; funiculus 5—6-articulatus, clava in ♀♀ 2—3-articulata, in ♂♂ solida, scapus saepe valde dilatatus; dimorphismus sexualis sat exiguus; alae nervo marginali brevi, formae brachypterae sat frequentes; color corporis ordinarie testaceus, albosignatus, vel plus-minus rarus. Genera: *Stemmatosteres* Timb., *Timberlakia* Merc., *Aphyculus* Hffr., *Pseudaphycus* Timb., *Aphycus* Mayr, *Homalotyloidea*, Merc., *Pezaphycus* Nov., *Aenasioidea* Grt., *Paraenasioidea* Hffr., *Waterstonia* Merc. *Heterarthrellus* How., *Paraphycus* Grt.

VII. Tribus *Microteryni* nov.

Mandibulae 3-dentatae, dentibus nonnunquam parum evolutis; funiculus 6-articulatus, in genere *Birćus* nov. 3-articulatus, scapo simplici vel dilatato, clava in ♀♀ ordinarie 3-articulata; alae raro rudimentariae, hyalinae vel maculatae; subtribus longitudine marginalis, situque radialis, necnon convexitate thoracis coagmentantur, prima sculptura corporis, secunda insuper antennae ♂♂ ramosis.

Subtribus *Blastotrichina*: *Blastothrix* Mayr;

subtribus *Parablastotrichina*: *Parablastothrix* Merc., *Calometopia* Merc.;

subtribus *Prionomitina*: *Prionomitus* Mayr, *Psyllaephagus* Ashm., *Psylledontus* Crawl., *Metaprionomitus* Merc., *Superprionomitus* Merc., *Cerchysius* Westw., *Coccidencyrus* Ashm., *Neococcidencyrus* Comp., *Aphycoides* Merc., *Schedioides* Merc., *Ooencyrtus* Ashm.;

subtribus *Microteryna*: *Aphidencyrus* Ashm., *Adelencyrtus* Ashm., *Paraschediella* Hffr. (?), *Sceptrophorus* Först., *Pseudencyrtus* Ashm., *Syrphophagus* Ashm., *Paraphaenodiscoides* Merc., *Microterys* Thoms., *Birćus* nov., *Epiencyrtus* Ashm., *Trichomasthus* Thoms.;

subtribus *Mayridiina*: *Parasyrphophagus* Grt., *Subprionomitus* Merc., *Ceballosia* Merc., *Mayridia* Merc., *Platyencyrtus* nov.

VIII. Tribus *Trechnitini* nov.

Mandibulae 4-dentatae; funiculus 5-articulatus in ambabus sexibus; scutellum planum, triangulare; alae hyalinae, nervi ut in *Prionomitus* Mayr formati; corpus metallicum, scutellum sericeo-micans. Genera: *Trechnites* Thoms., *Metallonoidea* Grt. (?).

IX. Tribus *Copidosomini* nov.

Mandibulae 3-dentatae; antennae funiculo 6-articulato, in genere *Holcothorax* Mayr 5-articulato, clava 3-articulata vel integra; thorax squamoso-reticulatus, vel striolatus, valde convexus; alae saepius rudimentariae, evolutae raro parum fumatae, nervis fere ut in *Prionomitus* Mayr formatis; abdomen saepe in ♀♀ terebra exserta. Subtribus sculptura thoracis ordinantur.

Subtribus *Copidosomina*: *Paralitomastix* Merc., *Litomastix* Thoms., *Copidosoma* Ratzb.;

subtribus *Ageniaspidina*: *Ageniaspis* Dahlb., *Holcothorax* Mayr, *Parageniaspis* Ms., *Geniaspidius* Ms., *Athesmus* nov.

X. Tribus *Homalotylini* Hffr. (1953).

Corpus obscure metallicum, vel ravum flavo-pictum; madibulae 3 dentatae; antennae fere uniformes in ambabus sexubus, funiculo 6-articulato, articulis brevibus et breviter pilosis, clava solida vel 3-articulata, ordinarie apice oblique, vel valde oblique truncata; corpus opacum, vel laeve; alae raro abbreviatae, saepe unimaculatae vel hyalinae, nervo marginali brevi, radiali sat longo, saepe fere perpendiculari; abdomen robustum, sat breve, terebra nonnunquam exserta. Genera: *Homalotylus* Mayr, *Isodromus* How., *Eupoecilopoda* Nov. & Hffr., *Echthroplexis* Forst.

XI. Tribus *Encyrtini* Ashm. (1900).

Mandibulae breves et robustae, non dentatae, sed late mutilatae; corpus non metallicum, nigrum vel flavo-, fulvoque signatum; scutellum saepe fasciculato-pilosum; alae evolutae, ordinarie maculatae, nervo radiali longo; abdomen ♀ terebra recondita. Genera: *Encyrtus* Latr., *Prionomastix* Mayr.

XII. Tribus *Bothriothoracini* How. (1895).

Mandibulae 2- vel 3-dentatae; corpus robustum, capite vel etiam thorace saepe gemmato-punctatis; antennae saepissime similes in ambabus sexubus, in ♂♂ raro ramosae, funiculo 6-articulato; alae saepe fumatae, raro rudimentariae, evolutae sat breves et amplae; abdomen sat breve, terebra ♀♀ ordinarie recondita. Subtribus sculptura corporis, forma et structura alarum dividuntur.

Subtribus *Bothriothoracina*: *Zeteticontus* Silv., *Bothriothorax* Ratzb., *Coccidoxenus* Crawf., *Eucantabria* Merc., *Rhinoencyrtus* Merc., *Euzkadiella* Merc., *Aminellus* Ms.;

subtribus *Ixodiphagina*: *Hunterellus* How., *Ixodiphagus* How.;

subtribus *Discodina*: *Eugahania* Merc., *Discodes* Först., *Monodiscodes* Hffr., *Choreia* Westw., *Choreaspis* Hffr., *Semen* Hffr., *Metaphaenodiscus* Merc., *Paraphaenodiscus* Grlt.;

subtribus *Tetralophideina*: *Tetralophidea* How., *Ramalia* Merc., *Pentacnemus* How.;

subtribus *Coenocercina*: *Hoplopsis* Destef., *Coenocercus* Thoms., *Agromyzaephagus* Gah., *Ginsiana* nov.

XIII. Tribus *Tetracnemini* How. (1892).

Mandibulae 2-dentatae; antennae ♀♀ elongatae, filiformes, non deplanatae, scapo longo, basi clavato, funiculo 5-6-articulato, clava 3-articulata, ♂♂ 4-ramosae; alae hyalinae, raro subfulvae, radiali sat longo, non punctiformi; abdomen ♀ terebra recondita; corpus metallicum, abdomen in una specie flavum. Genera: *Tetracnemus* Westw., *Charitopus* Först., *Hungariella* Erd.

XIV. Tribus *Habrolepini* nov.

Mandibulae 3-dentatae, raro 2-dentatae; antennae ♀♀ funiculo 6-articulato, saepe valde depresso, clava solida vel 3-articulata, nonnunquam maxima, in ♂♂ articulis funiculi verticillatis vel ramosis; scutellum saepius fasciculo pilorum ornatum; alae ordinarie angustae, maculatae vel hyalinae, praemarginali saepe triangulariter dilatato, marginali longo, radiali sessili, punctiformi; corpus gracile, pulchre metallicum, saepe flavo-signatum, abdomen ♀♀ saepe terebra exserta. Tribus sat heterogenea, subtribus respectu antennarum et nervatura alarum statuuntur.

Subtribus *Tetracladiina*: *Tricnemus* Merc., *Calocerinus* How., *Tetracladia* How.;

subtribus *Mayrencyrtina*: *Mayrencyrtus* Hincks, *Leiocyrtus* nov., *Boučekiella* Hffr.;

subtribus *Chiloneurina*: *Chiloneurus* Westw., *Apterencyrtus* Ashm., *Prochiloneurus* Silv., *Achrysopophagus* Grlt., *Tineophoctonus* Ashm.;

subtribus *Tyndarichina*: *Tyndarichus* How., *Protyndarichus* Merc.,

subtribus *Habrolepina*: *Cerapterocerus* Westw., *Eusemion* Dahlb., *Pareusemion* Ishii, *Comperiella* How., *Habrolepis* Forst., *Anabrolepis* Timb.

XV. Tribus *Cercobelini* nov.

Antennae funiculo 4-articulato, articulis subquadratis; alae hyalinae, nervo marginali longo, vel aequae longo ac lato. Genera: *Cercobelus* Walk., *Plagiomerus* Crawf.

Tabella dichotomica generum regionis palaearcticae

Propter descriptionem brevem non potuimus assumere genera *Heterencyrtus* Hffr. (1953), *Paraenasioides* Hffr. (1953) et *Paraschediella* Hffr. (1954).

♀♀

1. Antennae absque funiculo, annellis binis
Arrhenophagus Aur. 1888.
(typus: *A. chionaspidis* Aur.)
- Antennae funiculo evoluto 2
2. Alae longae, Mymaridarum instar formatae, marginibus antico
et interno parallelis, fimbria valde longa, nervo marginali
punctiformi, radio et postmarginali absentibus
Anthemus How. 1896.
(typus: *A. chionaspidis* How.)
- Proalae plus-minus rotundato-triangulares, fimbria moderata,
ramis nervaturae evolutis, postmarginali interdum reducto 3
3. Funiculo 3—4-articulato 4
Funiculo 5—7-articulato 6
4. Funiculo 3-articulato *Birbus* n. g.
(typus: *B. anomalus* n. sp.)
- Funiculo 4-articulato 5
5. Articulus primus funiculi pedicello aequilongus
Cercobelus Walk. 1840.
(typus: *C. jugaeus* Walk.)
Articuli 1—2 funiculi simul sumpti pedicello breviores
Plagiomerus Crawf. 1910.
(typus: *P. diaspidis* Crawf.)
6. Funiculus 7-articulatus, clava biarticulata 7
Funiculus 5-articulatus 8
Funiculus 6-articulatus 15
7. Corpus sordide avellaneum, fere laeve et insculpturatum
Anomalicornia Merc. 1921.
(typus: *A. tenuicornis* Merc.)
Corpus nigrum, densissime coriaceum, opacum
Athesmus n. g.
(typus: *A. luctuosus* n. sp.)
8. Corpus maxima parte testaceum 9
Corpus obscurum vel metallicum 12

9. Testaceus, hic-illic brunnescens, thorax insculpturatus; articuli funiculi quadrati *Pseudorhopus* Timb. 1926.
(syn.: *Rhopus* auct. nec Först.; typus: *Encyrtus testaceus* Ratzb.)
Testaceus, thorax opacus, evidenter coriaceus; articuli funiculi transversi 10
10. Perparvus, apterus ocellis absentibus
Stemmatosteres Timb. 1918.
(typus: *S. apterus* Timb.) 11
Ocellis bene evolutis; clava biarticulata
11. Species maiores, sordide testaceae, obsolete brunneomaculatae; terebra 1/3 abdominis exserta; denticulus medius mandibularum maximus; funiculus plus-minus ravis, clava albida
Pseudaphycus Clausen 1915.
(typus: *Aphycus angelicus* How.)
Species minores, fere unicoloriter aurantiaco-flavae; terebra parum exserta; flagellum non bicoloratum 11a
- 11a. Convexus, fronte lata, pronoto sat longo
Timberlakia Merc. 1925.
(syn.: *Acerophagus* Merc. nec. Smith; typus: *Acerophagus europaeus* Merc.)
Deplanatus, fronte angustiore ocellis in triangulum aequilaterale dispositis, pronoto brevissimo
Aphyculus Hffr. 1954.
(typus: *A. zavadili* Hffr.)
12. Metallice viridis vel violaceo-cyaneus 13
Niger capite cyaneo-viridi vel violaceo; thorax densissime striolatus; scutellum convexum *Holcothorax* Mayr 1875.
(typus: *Encyrtus testaceipes* Ratzb.)
13. Nervus marginalis bis longior quam latus, radiali longior
Metallonoidea Grt. 1915.
(typus: *M. britannica* Grt.)
Nervus marginalis punctiformis, radiali brevior 14
14. Scapus longus, infra incrassatus; scutellum convexum; alae nervo marginali evoluti
Hungariella Erd. 1946.
(syn.: *Tetracnemus* Timb. nec Westw.; typus: *H. piceae* Erd.)
Scapus linearis; scutellum deplanatum pulchre sericeum; nervus marginalis fere nullus *Trechnites* Thoms. 1875.
(syn.: *Metallon* auct. nec Walk.; typus: *T. fuscitarsis* Thoms.)
15. Species brachypterae: alae a tegulis apicem abdominis non attingentes 16
Species macropterae 46

16. Axillae, tegulae et propodeum valde magna, scutellum parvum; propodeum mesothorace latius
Metanotalia Merc. 1921.
 (typus: *M. hispanica* Merc.) 17
- Partes enumeratae corporis normaliter evolutae 17
17. Flagellum, saepe etiam scapus, latissimum articulis funiculi fortiter transversis et lamelliformiter depressis 18
 Scapus linearis vel modice dilatatus articulis funiculi cylindricis vel apicalibus parum deplanatis 21
18. Funiculus cum clava foliaceo-dilatatus, medio latissimus
Mira Schellenb. 1803.
 (typus: *M. macrocera* Schellenb.) 19
- Funiculus fere parallelus, vel apicemversus modice attenuatus 19
19. Terebra longitudine dimidium abdominis efficiens
Tetracladia How. 1892.
 (syn.: *Anusia* Mayr partim, *Paracalocerinus* Grt., *Masia* Merc., *Anusiella* Merc., *Placoceras* Erd.; typus: *T. texana* How.) 20
- Terebra recondita 20
20. Species gracilis, deplanata; funiculus parallelus; thorax fere laevis
Anusia Först. 1856.
 (typus: *Ectroma fulvescens* Westw.)
- Species robustae et elatae, fortiter coriaceae; articuli funiculi longiores et versus clavam angustiores
Dicarnosis Merc. 1921.
 (typus: *D. superba* Merc.)
21. Species minima, corpore laevi, alis absentibus; pronotum scuto mesonoti longius; corpus ravum, scuto mesonoti, scutello, propodeo et pedibus testaceis
Quadrencyrtus Hffr. 1953.
 (typus: *Qu. paradoxus* Hffr.) 22
- Species aliter constructae 22
22. Funiculus valde brevis, articulis cunctis latioribus ac longis, clava magna, fere funiculo aequilonga 23
 Articuli funiculi longiores, si breves, tunc clava funiculo multo brevior 26
23. Corpus opacum, sordide albidum; articuli funiculi valde breves, apicales ter latiores quam longi
Pezaphycus Nov. 1928.
 (syn.: *Aphycus* Erd. nec Mayr; typus: *P. obenbergeri* Nov.) 24
- Magis flavi, testacei vel lutei 24
24. Pronotum longum, fere scuto mesonoti aequilongum; corpus elongatum; terebra exserta
Echthroplexiella Merc. 1921.
 (typus: *E. submetallica* Merc.) 25
- Pronotum breve; corpus magis obesum 25

25. Scapus linearis 27
Aphycus Mayr 1875.
(syn.: *Euaphycus* Merc., typus: *Encyrtus apicalis* Dalm.)
 Scapus foliaceo-dilatatus 28
Metaphycus Merc. 1921.
(typus: *Encyrtus punctipes* Dalm.)
26. Funiculus apice deplanato
 Funiculus cum clava cylindricus
27. Corpus maxima parte metallicum; funiculus solum apice deplanatus
Metallon Walk. 1848.
(syn.: *Pezobius* Först.; typus: *Encyrtus aeneiventris* Walk.)
 Corpus obscure metallicum, scutello abrupte flavo; fere cuncti
 articuli funiculi deplanati 29
Baeocharis Mayr 1875.
(typus: *B. pascuorum* Mayr)
28. Corpus opacum, fortiter coriaceum, non metallicum, parce vel
 densius squamulis argenteis inspersum 29
 Corpus plus-minus nitens, absque squamulis argenteis 32
29. Scutellum triangulare; pedicellus articulo 1-o funiculi brevior 31
 Scutellum breve, postice truncatum vel late rotundatum;
 pedicellus articulo 1-o funiculi longior 30
30. Fere unicolor: ferrugineo-luteus; corpus robustum; scutellum
 apice truncatum; antennae albo-signatae
Dusmetia Merc. 1921.
(typus: *D. ceballosi* Merc.)
 Corpus nigrum, magis tenue; scutellum apice late rotundatum;
 antennae obscurae 33
Aquaencyrtus Hffr. 1952.
(typus: *A. bohemicus* Hffr.)
31. Corpus nigrum; proalae squamiformes, coriaceae, basin pro-
 podei non transgredientes 33
Dinocarsis Först. 1856.
(typus: *Encyrtus hemipterus* Dalm.)
 Corpus pulcherrime bicolor: nigrum cum amplis vittis citrinis;
 proalae obscure fasciatae, medium abdominis attingentes
Dinocarsiella Merc. 1921.
(typus: *Anagyrsus alpinus* Grt.)
32. Funiculus brevis, crassus, scapo fere semicirculariter dilatato;
 thorax sublaevis, nitens 33
Paraphaenodiscus Grt. 1915.
(syn.: *Aschitus* Merc.; typus: *P. verus* Grt.)
 Aliter constructus
33. Scutellum basi duobus punctis profundis ornatum; funiculus
 longus; corpus maxima parte testaceum, metallico-micans,
 mesonotum cum scutello laeve 34
Ectroma Westw. 1833.
(typus: *Eupelmus rufus* Dalm.)
 Scutellum basi absque punctis profundis 34
34. Proalae coriaceae, nigrae 35
 Proalae non coriaceae, molles 37

35. Scutum mesonoti sulcis parapsidalibus leniter, sed observabiliter incisus *Choreia* Westw. 1833.
(typus: *Encyrtus ineptus* Dalm.)
- Scutum mesonoti absque sulcis parapsidalibus 36
36. Corpus convexum, non metallicum; antennae elongatae, graciles, articulis basalibus funiculi longioribus ac latis
Semen Hffr. 1954.
(typus: *S. apterum* Hffr.)
- Corpus planum, latum; caput et thorax metallica, nigro-cyanea; antennae sat crassae et breves, articulis funiculi subquadratis *Choreaspis* Hffr. 1954.
(typus: *C. stepicola* Hffr.)
37. Corpus elongatum, abdomine a lateribus compresso, terebra longa; antennae longae, clava longa, cylindrica, leniter arcuata *Copidosoma* Ratzb. 1844.
(typus: *C. bouchéanum* Ratzb.)
- Corpus magis obesum, abdomine non compresso 38
38. Scutellum acute longitudinaliter striolatum; corpus metallicum *Protyndarichus* Merc. 1923.
(syn.: *Tyndarichoides* Merc.; typus: *Tyndarichoides metallicus* Merc.)
- Scutellum simpliciter punctatum vel coriaceum 39
39. Corpus parvum, sat angustum et deplanatum, flavum vel avellaneum; vertex brevis, orbitis internis parallelis; abdomen elongatum, stigmatibus setiferis in triente basali
Rhopus Först. 1865.
(syn.: *Xanthoencyrtus* Ashm., *Mirastymachus* Grlt., *Pholidoceras* Merc.; typus: *Encyrtus piso* Walk.)
- Corpus convexum, si parum deplanatum, tunc metallicum stigmatibus setiferis in triente apicali; caput magis crassum, orbitis internis versus os divergentibus 40
40. Funiculus in dimidio apicali articulis 2—3 albis 41
Funiculus non albo-annulatus 42
41. Scapus parum dilatatus, articuli funiculi fere aequilongi
Microterys Thoms. 1875.
(syn.: *Encyrtus* auct. nec Latr.; typus: *Encyrtus sylvius* Dalm.)
- Scapus cylindricus, 3 primi articuli funiculi valde parvi, moniliformes, sequentes 3 maiores
Neococcidencyrtus Comp. 1928.
(syn.: *Coccidencyrtus* Merc. partim; typus: *N. alula* Comp.)
42. Scutellum triangulare, planum, postice in membranam subhyalinam, albidam productum *Ericydnus* Walk. 1837.
(typus: *Encyrtus ventralis* Dalm.)

- Scutellum plus-minus convexum, absque appendice membranacea 43
43. Clava antennarum oblique truncata
Echthroplexiella Merc. 1921.
 (syn.: *Waterstonia* Hffr. nec. Merc.; Typus: *E. submetallica* Merc.)
- Clava antennarum ovalis 44
44. Mesonotum leniter deplanatum; terebra exserta; corpus maxima parte viride, basi abdominis flava *Ceballosia* Merc. 1921.
 (typus: *C. dusmeti* Merc.)
- Mesonotum convexum; terebra recondita 45
45. Sat elongata; alae semievolutae dimidium abdominis attingentes, apice fumatae *Mayridia* Merc. 1921.
 (typus: *M. pulchra* Merc.)
- Corpus breve et altum; abdomen breve, latum; rudimenta alarum hyalina, dimidium abdominis attingentes; scutellum breve, dilatatum, dense et acute coriaceum
Ooencyrtus Ashm. 1900.
 (syn.: *Schedius* How.; typus: *Encyrtus clysiocampae* Ashm.)
46. Apex scutelli fasciculo pilorum ornatus 47
 Scutellum absque fasciculo pilorum 51
47. Terebra dimidium abdominis efficiente; proalae fumatae vel maculatae *Achrysopophagus* Grlt. 1915
 (typus: *A. oviductus* Grlt.)
- Terebra recondita vel fere recondita 48
48. Pili apicales scutelli albidi, non densi; vertex gemmato-punctatus *Aminellus* Ms. 1919.
 (typus: *A. niger* Ms.)
- Fasciculus pilorum niger; vertex absque punctis alveolaribus 49
49. Antennae apice deplanatae; nervus marginalis valde brevis, radialis longus, arcuatus; species robustae
Encyrtus Latr. 1809.
 (syn.: *Comys* Först., *Eucomys* Först.; typus: *Chrysis infidus* Rossi)
- Antennae non deplanatae; nervus marginalis longus, radialis brevis; species graciliores 50
50. Alae amplae, hyalinae, nervus marginalis sat brevis; corpus obscurum *Apterencyrtus* Ashm. 1905.
 (syn.: *Chiloneurus* Mayr partim, *Chiloneurinus* Merc.; typus: *A. pulchricornis* Ashm.)
- Alae angustae, fortiter et extense fumatae, nervus marginalis longus; corpus saturate flavo-signatum
Chiloneurus Westw. 1833.
 (typus: *Encyrtus elegans* Dalm.)

- reticulato-punctata *Calocerinus* How. 1892.
(syn.: *Paramasia* Hffr.; typus: *Tetracnemus floridanus* Ashm.)
62. Vertex postice apexque scutelli binis lamellis longis, nigris,
faciliter deciduis ornati *Habrolepis* Först. 1856.
(typus: *Encyrtus dalmani* Westw.)
- Vertex et scutellum absque lamellis erectis 63
63. Scutellum basi duobus punctis profundis ornatum; corpus
parte maxima testaceum *Ectroma* Westw. 1833.
- Scutellum basi absque punctis profundis 64
64. Nervus postmarginalis nimis evolutus: dimidio subcostae
longior *Heterarthrellus* How. 1898.
(typus: *H. australiensis* How.)
- Nervus postmarginalis normalis 65
65. Vertex punctis maioribus irregulariter et dense inspersus 66
Vertex ad summum punctis multo minoribus, in seriebus dis-
positis provisus 77
66. Etiam thorax gemmato-punctatus 67
Thorax simpliciter punctatus vel striolatus 76
67. Apex cellulae costalis profunde incisus
Eugahania Merc. 1926.
(syn.: *Chalcaspis* Merc. nec How.; typus: *Bothriothorax*
fumipennis Ratzb.)
- Cellula costalis normalis 68
68. Terebra longitudine quadrantem abdominis attingens
Coenocercus Thoms. 1875.
(syn.: *Echthroplexis* Ferr. nec Thoms.; typus: *C. puncticol-*
lis Thoms.)
- Terebra recondita 69
69. Nervus marginalis insolite longus: 7-ies longior quam latus;
caput thorace multo latius *Metaphaenodiscus* Merc. 1921.
(typus: *M. nemoralis* Merc.)
- Nervus marginalis brevior, saepe fere nullus 70
70. Nervus marginalis nullus, radiali longo in iunctura fere perpen-
diculari 71
Nervus marginalis evolutus, saltem duplo longior quam latus 72
71. Caput a latere conspectum rotundato-triangulare: occiput ver-
ticale, facies obliqua; genae postice dilatatae; caput tho-
raxque sat deplanata, nigro-rava
Hunterellus How. 1908.
(typus: *H. hookeri* How.)
- Vertex brevis; facies normalis; genae non dilatatae; thorax con-
vexus; corpus metallicum *Bothriothorax* Ratzb. 1844.
(typus: *B. altensteinii* Ratzb.)

72. Proalae fumatae duabus maculis oppositis hyalinis
Hoplopsis Destef. 1889.
 (syn.: *Trichomasthus* Ms. nec Thoms. partim, *Mayriella*
 Merc.; typus: *H. mayri* Destef.)
 Proalae absque maculis hyalinis oppositis 73
73. Nervi radialis et postmarginalis fere paralleli; caput ferru-
 gineum *Paraphaenodiscus* Grt. 1915.
 Nervus radialis fere perpendicularis; caput obscurum 74
74. Vertex brevis, caput lentiforme, gemmato-punctatum; nervi
 marginalis, radialis et postmarginalis fere aequilongi 75
 Vertex longus, facies inde obliqua, punctis fere oblitteratis;
 nervus marginalis longus, radialis punctiformis, postmargi-
 nalis fere nullus *Chorea* Westw. 1833.
75. Proalae hyalinae, triente basali fumatae; nervus radialis fere
 perpendiculariter declivis; mandibulae bidentatae
Monodiscodes Hffr. 1954.
 (syn.: *Phaenodiscus* Mayr partim; typus: *Phaenodiscus*
intermedius Mayr.)
 Proalae extense fumatae, ad summum basi vel extremo apice
 angustissime hyalinae; mandibulae 3-dentatae
Discodes Först. 1856.
 (syn.: *Phaenodiscus* Först.; typus: *Encyrtus aeneus* Dalm.)
76. Facies inter insertiones antennarum cum magno, superne acute
 marginato naso *Rhinoencyrtus* Merc. 1918.
 (typus: *R. malenotti* Merc.)
 Facies absque naso *Coccidozenus* Crawf. 1913.
 (typus: *C. portoricensis* Crawf.)
77. Scutellum triangulare, planum, postice in membranam sub-
 hyalinam, albidam productum; nervi marginalis, radialis et
 postmarginalis insolite longi *Ercydnus* Walk. 1837.
 Scutellum absque appendice membranacea 78
78. Scutum mesonoti cum scutello integre opaca, non nitentia 79
 Saltem scutum mesonoti parce punctatum, nitens 96
79. Proalae maculis obliquis fasciatae 80
 Proalae hyalinae vel uniformiter infuscatae 84
80. Robusta, minima (1 mm), ferrugineo-testacea, fascia praea-
 picali angusta, medio angulatim fracta, macula apicali lata,
 triangulari *Dusmetia* Merc. 1921.
 Species maculis proalarum aliter dispositis 81
81. Species robustae, corpore grosse granulato, nigrae, saepius
 citrino-variegatae; caput et thorax argenteo-squamosae 82
 Species graciliores, fere unicolores, sordide testaceae, proalis
 obscure bifasciatis 83

82. Nigra absque maculis citrinis; flagellum robustum, leniter compressum; proalae 2 fasciis sat obsoletis
Dinocarsis Först. 1856.
Caput et thorax saturate citrino-maculata; flagellum sat tenue; proalae 4 maculis bene limitatis *Dinocarsiella* Merc. 1921.
83. Antennae valde longae, articulis cunctis funiculi duplo longioribus ac latis; proalae in dimidio basali duabus fasciis nonnunquam in maculas dissolutis, nimis obliquis ornatae; terebra recondita *Leptomastidea* Merc. 1916.
(syn.: *Blastothrix* Mayr partim; typus: *L. aurantiaca* Merc.)
Antennae breves, articulis funiculi latitudine sua non longioribus; proalae in prima et secunda triente fasciis singulis fumatis provisae; terebra exserta *Waterstonia* Merc. 1917.
(typus: *W. prima* Merc.)
84. Integre niger absque nitore metallico, funiculo brevi, clava maxima *Epiencyrtus* Ashm. 1900.
(typus: *Encyrtus thyreodontis* Ashm.)
Corpus aliter coloratum 85
85. Species nigrae, plus-minus metallica 86
Species flavae, testaceae vel avellaneae 89
86. Caput et thorax laete viridi-cyanea, sericea; scapus semicirculariter dilatatus *Blastothrix* Mayr 1875.
(typus: *Encyrtus sericeus* Dalm.)
Species obscurae, metallico-micantes; scapus sublinearis 87
87. Clava solida; caput virescens, thorax niger *Ageniaspis* Dahlb. 1857.
(typus: *Encyrtus fuscicollis* Dalm.)
Clava 3-articulata 88
88. Antennae breves et crassae, cunctis articulis funiculi subtransversis *Parageniaspis* Ms. 1917.
(typus: *P. macrocerus* Ms.)
Antennae sat tenues, articulis 2—6 funiculi longioribus ac latis *Geniaspidius* Ms. 1917.
(typus: *G. viduus* Ms.)
89. Antennae breves, plus-minus clavatae, articulis funiculi transversis 90
Antennae longae, filiformes, non vel vix clavatae 93
90. Pronotum fere scuto mesonoti aequilongum; corpus magis elongatum; proalae saepe bifasciatae; terebra exserta *Echthrophlexiella* Merc. 1921.
Pronotum breve; corpus magis obesum 91
91. Clava solida; terebra exserta *Homalotyloidea* Merc. 1921.
(typus: *Homalotyclus latiscapus* Ms.)
Clava 3-articulata; terebra raro exserta 92

92. Scapus linearis, vix dilatatus *Aphycus* Mayr 1875.
 Scapus fortiter dilatatus *Metaphycus* Merc. 1921.
93. Corpus unicolor: sordide testaceum; abdomen elongatum:
 capite et thorace simul sumptis longius; sulci parapsidales
 integri *Xanthoectroma* Merc. 1925
 (typus: *X. aquilinum* Merc.)
 Corpus plus-minus ravum, obesum, sulcis parapsidalibus absen-
 tibus 94
94. Nervus marginalis evolutus, postmarginalis saepe nullus; sca-
 pus foliaceo-dilatatus, basi et apice niveo-signatus
Anagyrus How. 1896.
 (syn.: *Blastothrix* Mayr partim; typus: *A. greeni* How.)
 Nervus marginalis punctiformis, postmarginalis fere nullus, ra-
 dialis longus; scapus vix dilatatus 95
95. Corpus maxima parte testaceum, sordide albo-maculatum
Aenasioidea Grlt. 1911.
 (typus: *Ae. latiscapus* Grlt.)
 Corpus ravum, parciissime flavo-maculatum
Paraphycus Grlt. 1915.
 (typus: *P. abnormiscapus* Grlt.)
96. Genae inter oculos et mandibulas nullae, vel fere nullae 97
 Genae bene evolutae 98
97. Clava antennarum securiformis, funiculo multo latior, apice
 minime attenuata, sed abrupte mutilata; caput semiglobosum
 occipite verticaliter resecato *Calometopia* Merc. 1921.
 (typus: *C. flavicornis* Merc.)
 Clava antennarum elongato-ovata; caput non semiglobosum
Parablastothrix Merc. 1917.
 (typus: *P. vespertina* Merc.)
98. Thorax squamoso-reticulatus, punctis longulis vel polyedris,
 nonnunquam hi puncti obsoleti sunt, tunc autem clava
 longa et leniter arcuata est 99
 Thorax simpliciter punctatus vel laevis 101
99. Antennae sat breves, clava valde oblique truncata, non arcu-
 ata
Litomastix Thoms. 1875, et *Pentacnemus* How. 1892.
 (typus: *Encyrtus chalconotus* Dalm.; typus: *P. bucculatricis* How.)
 Clava non oblique truncata 100
100. Clava longa, recta, apice simpliciter truncata; 3 articulis
 primis funiculi albis *Paralitomastix* Merc. 1921.
 (typus: *Encyrtus varicornis* Nees)
 Clava apice rotundata, leniter arcuata; funiculus absque
 annulo albo *Copidosoma* Ratzb. 1844.

101. Clava solida vel 3-articulata, valde oblique mutilata; proalae
plerumque disco unimaculato 102
Clava apice rotundata 109
102. Proalae latae, normales 103
Proalae angustatae 106
103. Funiculus brevissimus, clava grandis, parum oblique secata
Tyndarichus How. 1910.
(typus: *T. navae* How.)
Antennae longiores, articulis funiculi longioribus ac latis,
clava vix dilatata, valde oblique resecta 104
104. Tibiae cunctae annellis tribus nigris ornatae
Eupoecilopoda Nov. & Hffr. 1953.
(typus: *Isodromus perpunctatus* Ms.)
Pedes absque annellis nigris 105
105. Corpus nigro-metallicum, non flavo-signatum; proalae margi-
nali punctiformi, radiali longo, origine sat acutangula
Homalotylus Mayr 1875.
(typus: *Encyrtus flaminus* Dalm.)
Corpus piceum vel ravum, non metallico-micans, plerumque
saturate testaceo-signatum; proalae marginali punctiformi,
radiali fere perpendiculari *Isodromus* How. 1886.
(typus: (*I. iceryae* How.)
106. Vertex valde angustus, triplo tantum latior quam diametrum
ocelli anterioris; pronotum valde breve; terebra exserta 108
Vertex sat latus; terebra saepius exserta 107
107. Pronotum longum, saepe scuto mesonoti longius; articuli funi-
culi subquadrati vel transversales
Echthroplexiella Merc. 1921.
Pronotum breve; articuli funiculi longiores quam lati; proalae
fortiter fumatae *Tineophoctonus* Ashm. 1900.
(typus: *Phaenodiscus armatus* Ashm.)
108. Nervus marginalis punctiformis; clava funiculo non latior,
articulis 3 praecedentibus fere aequilonga
Echthroplexis Först. 1856.
(typus: *E. ephippium* Rschk.)
Nervus marginalis longus; clava antennarum nimis magna:
funiculo multo latior, ei aequilonga
Prochiloneurus Silv. 1915.
(typus: *P. pulchellus* Silv.)
109. Corpus, praesertim caput et thorax, insolite depressum, caput
prognathum; parasitae *Chaetococci phragmitis* March. 110
Corpus normale, ad summum apud nonnulla genera non-me-
tallica modice deplanatum 114

110. Corpus sordide testaceum, oculis minimis
Platyrhopus Erd. 1955.
(typus: *P. delitescens* Erd.)
- Corpus metallicum vel nigro-metallicum 111
111. Terebra cca dimidium longitudinis abdominis exserta; subcosta
in triente apicali triangulariter dilatata
Boučekiella Hffr. 1954.
(typus: *B. depressa* Hffr.)
- Terebra recondita; subcosta non dilatata 112
112. Clava antennarum solida; fimbria proalarum longa
Asitus Erd. 1955.
(typus: *A. ciliatus* Erd.)
- Clava 3-articulata; fimbria brevis 113
113. Alae hyalinae, postmarginali nullo; articuli funiculi valde
transversi; mandibulae 2-dentatae *Ioëssa* Erd. 1955.
(typus: *I. crassicornis* Erd.)
- Alae leniter maculatae, postmarginali longitudine radialis;
articuli funiculi subquadrati; mandibulae 3-dentatae
Platyencyrtus n. g.
(typus: *P. esuriens* n. sp.)
114. Antennae nimis longae: corpore longiores, filiformes, articulo
6-o funiculi saltem duplo longiore quam lato, clava non vel
vix dilatata 115
- Antennae corpore multo breviores, articulo 6-o funiculi brevior 118
115. Articulus 6-us funiculi quinquies longior quam latus; proalae
non ciliatae *Psilophrys* Mayr 1875.
(typus: *Encyrtus longicornis* Walk.)
- Articulus 6-us funiculi fere duplo longior ac latus; proalae
fimbriatae 116
116. Alae angustae, fumatae, nonnullis maculis parvis, hyalinis,
dispersis variegatae *Callipteroma* Motsch. 1863.
(syn.: *Leptomastix* Ms. nec Först. partim; typus: *C. quinque-*
guttata Motsch.)
- Alae normales, vix fuliginosae 117
117. Corpus testaceum, ravo-maculatum *Leptomastix* Först. 1856.
(typus: *L. histrio* Mayr)
- Corpus obscure metallicum *Lyka* Merc. 1921.
(typus: *L. submetallica* Merc.)
118. Terebra saltem trientem longitudinis abdominis efficiente 119
- Terebra recondita vel fere recondita 121
119. Nervus marginalis valde longus: 5–6-ies longior quam latus, nervi
radialis et postmarginalis graciles, marginali paullo tantum
breviores, fere ut in *Ericydno* formati *Clausenia* Ishii 1923.
(typus: *C. purpurea* Ishii)

- Nervus marginalis brevis, punctiformis, vel latitudine sua parum longior 120
120. Corpus parum metallicum, piceo-nigrum; nervus marginalis evolutus, radialis et postmarginalis breves
Tricnemus Merc. 1924.
 (syn.: *Tricladia* Merc.; typus: *Tricladia humilis* Merc.)
 Caput et thorax laete viridia; nervus marginalis punctiformis, radialis et postmarginalis sat longi
Cerchysius Westw. 1832.
 (typus: *Encyrtus subplanus* Dalm.)
121. Vertex horizontalis, facies oblique retro directa; proalae radialiter fusco-maculatae
Anabrolepis Timb. 1920.
 (typus: *A. extranea* Timb.)
 Caput normale; proalae non radialiter maculatae 122
122. Metatibiae cum metatarsis compressae; nervus radialis adhuc ante iuncturam egrediens, margine subparallelus
Prionomastix Mayr 1875.
 (typus: *Encyrtus morio* Dalm.)
- Metatibiae cum metatarsis normales 123
123. Abdomen sat angustum, elongatum, apice attenuatum 124
 Abdomen latum, sat breve, thorace non longius 128
124. Corpus viride vel cyaneum, si ravum, tunc metallico-micans 125
 Corpus testaceum vel ravum, non metallicum 127
125. Articuli funiculi fere duplo longiores quam lati; scutum mesonoti et scutellum laevia
Mayrencyrtus Hincks 1944.
 (syn.: *Liothorax* Mayr; typus: *Encyrtus glaphyra* Walk.)
 Articuli funiculi latitudine sua non longiores; thorax punctatus 126
126. Subcosta in triente apicali triangulariter dilatata; scutellum fortiter longitudinaliter striolatum
Protyndarichus Merc. 1923.
 Subcosta non dilatata; scutellum simpliciter punctatum
Parasyrphophagus Grlt. 1915.
 (typus: *P. funeralis* Grlt.)
127. Pedicellus articulo 1-o funiculi multo longior, clava funiculo latior
Rhopus Först. 1856.
 Pedicellus articulo 1-o funiculi aequilongus; clava funiculo non latior
Doliphoceras Merc. 1924.
 (typus: *Pholidoceras integralis* Merc.)
128. Thorax pulchre metallicus, cum sulcis parapsidalibus; scapus longus, basi tumidus apice attenuatus; nervus radialis sat longus, basi curvatus apice margini parallelus
Charitopus Först. 1856.

- (syn.: *Tetracnemus* Rschk. nec Westw.; typus: *C. fulviventris* Först.)
 Thorax absque sulcis parapsidalibus; scapus aliter constructus 129
129. Thorax laevis, nitens, non vel obsolete punctatus 130
 Thorax manifeste punctatus, aut scutellum opacum 132
130. Corpus absque nitore metallico; nervus radialis fere ex iunctura egrediens *Ixodiphagus* How. 1907.
 (typus: *I. texanus* How.) 131
- Corpus obscurum, cyaneo-violaceo-metallicum 131
131. Antennae elongatae, filiformes, articulis funiculi elongatis, clava quam funiculus vix latiore; thorax obscure violaceo-metallicus, saepe pulcherrime iridescens
Schedioides Merc. 1919.
 (syn.: *Hazmburkia* Hffr.; typus: *S. formosus* Merc.)
 Antennae breves, articulis funiculi transversis, clava maxima, quam funiculus multo latiore *Leiocyrtus* n. g.
 (typus: *L. clavatus* n. sp.)
132. Nervus marginalis fere nullus, cum radialis abrupte in iunctura fere perpendiculariter egrediatur 133
 Nervus marginalis evolutus, in dubio radio non perpendiculari, sed oblique extus directo 136
133. Caput thorace latius, lentiforme, testaceum, vertice valde brevi *Paraschedius* Merc. 1925.
 (typus: *P. ductor* Merc.) 134
- Caput normale, metallicum 134
134. Vertex et frons cum nonnullis punctis maioribus; scutellum sat convexum; mandibulae apice undulatae
Prionomitus Mayr 1875.
 (typus: *Encyrtus mitratus* Dalm.)
 Vertex et frons sine punctis maioribus; mandibulae cum uno denticulo et cum una truncatura continuata 135
135. Scutellum fere planum, minute coriaceum; tegulae albae; pedes extense cremei *Metaprionomitus* Merc. 1921.
 (typus: *M. intermedius* Merc.)
 Scutellum magis convexum, sat obsolete reticulatum; tegulae plus-minus obscurae *Psyllaephagus* Ashm. 1900.
 (typus: *Encyrtus pachypsyllae* How.)
136. Nervus marginalis sat longus, nervis radiali et postmarginali sat brevibus unitis longior 137
 Nervus marginalis ad summum radiali aequilongus 138
137. Nervus radialis punctiformis, postmarginalis radiali longior; articuli 2—6 funiculi transversi *Tetralophidea* Ashm. 1900.
 (typus: *T. bakeri* Ashm.)

- Postmarginalis fere nullus; articuli funiculi latitudine sua longiores *Subprionomitus* Merc. 1921.
(typus: *S. cantabricus* Merc.)
- 138 Scutellum politum; corpus robustum *Zeteticontus* Silv. 1915.
(syn.: *Prolitomastix* Hffr.; typus: *Z. abilis* Silv.)
- Scutellum punctatum, punctulatam vel opacum 139
139. Scapus saepe foliaceo-dilatatus; antennae sat breves, articulis funiculi non longioribus ac latis; nervo radiali valde oblique extus directo; corpus cum capite obscure metallicum; mesonotum convexum absque punctis maioribus *Paraphaenodiscus* Grt. 1915.
- Scapus non vel parum dilatatus 140
140. Alae perfecte hyalinae: pubescentia propter pallorem invisibilis *Agromyzaephagus* Gah. 1912.
(typus: *A. detrimentosus* Gah.)
- Alae aut non hyalinae, aut pubescentia obscura, inde bene visibili 141
141. Vertex brevis, thorace multo latior; nervis marginali, radiali et postmarginali nimis longis, ut in genere *Ericydneus* Walk.; scutellum apud speciem hispanicam laeve, apud nostram striolatum *Euzkadiella* Merc. 1922.
(syn.: *Moraviella* Hffr.; typus: *Euzkadia integralis* Merc.)
- Caput normale; nervi breviores 142
142. Scutellum valde convexum 143
Scutellum leniter convexum 144
143. Scutellum densissime et profunde punctulatum, apice sublaeve, lateribus propodei et metacoxarum albo-tomentosis, radio et postmarginali aequilongis *Trichomasthus* Thoms. 1875.
(typus: *Encyrtus cyaneus* Dalm.)
- Scutellum sat obsolete punctulatum, nitens, lateribus propodei et metacoxarum parce pilosis, radio quam postmarginalis fere duplo longiore *Ginsiana* n. g.
(typus: *G. obscura* n. sp.)
144. Abdomen breve, latum, thorace multo brevius, triangulare; scutellum transversum, parum convexum, plerumque opacum; nervus marginalis punctiformis, radialis sat longus et fere perpendicularis *Ooencyrtus* Ashm. 1900.
(syn.: *Schedius* How.; typus: *Encyrtus clisiocampae* Ashm.)
- In caractere uno vel altero aliter constructus 145
145. Scutum mesonoti latum, parum convexum; caput et thorax plerumque cum punctis maioribus, sed sat superficialibus, parce inspersa; caput et thorax saepe lutea vel testaceo-signata; funiculus plerumque cum 1—3 articulis albis apicalibus 146

- Scutum mesonoti, si parum convexum, tunc absque punctis
maioribus; funiculus nunquam albo-annulatus 147
146. Proalae fortiter fumatae, hyalino-unifasciatae; caput ferrugi-
neum, corpus obscurum non metallico-micans; nervus radi-
alis leniter arcuatus; articulus 5-us funiculi nonnunquam
pallidus *Paraphaenodiscoides* Merc. 1921.
(typus: *P. dimorphus* Merc.)
- Corpus testaceum, obscure signatum, vel obscurum, spatiis ob-
scuris metallicis; nervus radialis rectus; plerumque 2—3 ar-
ticuli funiculi albidii *Microterys* Thoms. 1875.
147. Clava funiculo aequilonga, articulis 4 primis funiculi trans-
versis, 2 apicalibus quadratis; mandibulae 4-dentatae
Adelencyrtus Ashm. 1900.
(typus: *Encyrtus chionaspidis* How.)
- Clava brevior; mandibulae 2- vel 3-dentatae 148
148. Mandibulae 2-dentatae; pronotum et dimidium basale abdo-
minis fulva; abdomen thorace multo latius et longius, tere-
bra parum exserta *Ceballosia* Merc. 1921.
- Mandibulae 3-dentatae; corpus obscurum 149
149. Alae hyalinae 150
- Proalae obscurae, pulchre hyalino-unifasciatae, vel leniter
fumatae cum indicatione fasciae hyalinae; caput raro luteum
Mayridia Merc. 1921.
150. Nervus postmarginalis fere nullus, radialis sat longus; vertex
et frons cum punctis magnis; abdomen subrotundum, stig-
matibus setiferis in quadrante apicali positus, segmentis inde
normaliter evolutis, non encyrtidiformibus
Aphycoides Merc. 1921.
(typus: *Encyrtus tenuis* Ratzb.)
- Nervus postmarginalis evolutus; abdomen normale 151
151. Nervus marginalis fere duplo longior quam apice latus, extus
sensim dilatatus, radialis et postmarginalis aequilongi, in-
ter se angulum sat acutum includentes 152
- Nervus marginalis brevior, apice non dilatatus 153
152. Vertex postice acute marginatus *Syrphophagus* Ashm. 1900.
(syn.: *Microterys* Merc. nec Thoms.; typus: *Encyrtus*
mesograptae Ashm.)
- Vertex postice teres *Pseudencyrtus* Ashm. 1900.
(typus: *Encyrtus cecidomyiae* How.)
153. Nervus marginalis punctiformis, postmarginalis brevis, simul
sumpti radiali a margine sat distante non longiores
Superprionomitus Merc. 1921.
(typus: *S. procerus* Merc.)
- Postmarginalis radiali aequilongus 154

154. Nervus marginalis valde brevis, cum postmarginali sat incrassatus

Coccidencyrtus Ashm. 1900.

(typus: *Encyrtus ensifer* How.)

Nervus marginalis duplo longior quam latus, cum postmarginali sat tenuis, radialis marginali brevior

Aphidencyrtus Ashm. 1900.

(typus: *Encyrtus siphonophorae* Ashm.)

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- | | |
|---|---|
| 1. Antennae longe ramosae | 2 |
| Antennae simplices | 11 |
| 2. Antennae 3-ramosae | <i>Tricnemus</i> Merc. |
| Antennae 4-ramosae | 4 |
| Antennae 5-ramosae | 3 |
| 3. Scutum mesonoti squamoso-reticulatum cum punctis polyedris; scutellum convexum | <i>Pentacnemus</i> How. |
| Scutum mesonoti coriaceum; scutellum subplanum | <i>Calometopia</i> Merc. |
| 4. Articuli 1—4 funiculi ramosi | 5 |
| Articuli 2—5 funiculi ramosi | 7 |
| 5. Nervus postmarginalis nullus; funiculus 5-articulatus; mandibulae 2-dentatae | 6 |
| Nervus postmarginalis evolutus; funiculus 6-articulatus; mandibulae 3-dentatae | <i>Parablastothrix</i> Merc. |
| 6. Nervus marginalis brevis, fere quadratus; rami primi laterales funiculi apicalibus fere aequilongi, longe pilosi | <i>Hungariella</i> Erd. |
| Nervus marginalis longior; ramus primus funiculi quarto fere bis longior, pilis ramorum brevibus | <i>Tetracnemus</i> Westw. 1837. |
| | (typus: <i>T. diversicornis</i> Westw.) |
| 7. Caput et frons coriacea, punctis maioribus inspersa | <i>Tetralophidea</i> Ashm. |
| Caput et frons absque punctis maioribus | 8 |
| 8. Nervus radialis longus, clava elongata marginique parallela | <i>Charitopus</i> Först. |
| Nervus radialis brevis, plerumque sessilis vel oblique pendulus, nec clava margini parallela | 9 |
| 9. Nervus marginalis longus, radialis sessilis, postmarginalis radiali aequilongus | <i>Tetracladia</i> How. |
| Nervus postmarginalis marginali aequae longus vel longior, radialis moderate evolutus, non sessilis | 10 |
| 10. Articulus 6-us funiculi articulis 5 praecedentibus simul sumptis duplo longior | <i>Calocerinus</i> How. |

- Articulus 6-us funiculi articulo praecedenti solo fere aequi-
longus *Ramalia* Merc. 1947.
(typus: *Tetralophidea maxima* Merc.)
11. Alae longae et angustae, marginibus parallelis; nervatura re-
ducta; alae fimbria valde longa; antennae longae, funiculus
6-articulatus, clava longa, solida *Anthemus* How. 12
Alae absentes, vel normales
12. Funiculus 2-articulatus, clava insolite longa, leniter arcuata
Anabrolepsis Timb. 13
Funiculus saltem 5-articulatus 13
13. Funiculus 7-articulatus, valde longus et tenuis 18
Funiculus 6-articulatus 19
Funiculus 5-articulatus 14
14. Species parvae, fere unicolores, testaceae vel avellaneae 15
Species maiores, metallicae, scutello triangulari, longitudi-
naliter sericeo-punctulato *Trechnites* Thoms.
15. Ocelli absentes *Stemmatosteres* Timb. 16
Ocelli evoluti
16. Laevis, nitens, fulvo-brunneus; mandibulae 2-dentatae
Pseudorhopus Timb. 17
Opacae, flavae; mandibulae 3-dentatae
17. Convexa, fronte lata *Timberlakia* Merc.
Deplanatus; ocellis in triangulum fere aequilaterale dispositis
Aphyculus Hffr.
18. Linea calva nulla; 3 rami nervaturae rudimentarii
Anomalicornia Merc.
Linea calva completa; 3 rami evoluti
Thomsonisca Gesqu. 1946.
(syn.: *Thomsoniella* Merc.; typus: *Thomsoniella typica* Merc.)
19. Clava antennarum solida, recta, 5-ies longior quam latus;
articuli apicales funiculi fere transversa
Screptrophorus Först. 1856.
(typus: *Encyrtus screptriger* Först.)
Clava proportionaliter brevior, in dubio non recta, sed leniter
curvata 20
20. Alae abbreviatae 21
Alae normaliter evolutae 37
21. Scutellum solum flavum 22
Aut scutellum obscurum, aut corpus magis extense flavum 23
22. Rudimenta alarum nivea, propodeum non transcendentia
Baeocharis Mayr
Alae fortiter fumatae, fere apicem abdominis attingentes
Echthroplexis Först.

23. Scutellum basi duobus punctis profundis ornatum 24
Ectroma Westw.

Scutellum basi absque punctis profundis 24
24. Proalae corneae, durae, nigrae 25
Proalae molles, diminute alaeformes 26
25. Caput et thorax punctis maioribus ornata, absque squamulis argenteis 26
Choreia Westw.

Caput et thorax cum dispersis squamulis argenteis 26
Dinocarsis Först.
26. Thorax punctis polyedricis reticulatus; antennae valde longae 27
Copidosoma Ratzb.

Thorax simpliciter punctatus, vel laevis 27
27. Funiculus brevis, articulis cunctis transversalibus 28
Funiculus longior, articulis cylindricis 29
28. Ferrugineo-testacea; rudimenta alarum dimidium abdominis attingentia 29
Echthroplexiella Merc.

Cinereo-testaceus; alae squamuliformes 29
Pezaphycus Nov.
29. Scutellum triangulare, planum, postice in membranam subhyalinam, albidam productum 30
Ericydnus Walk.

Scutellum absque appendice membranacea 30
30. Scutellum apice late truncatum; species parvae, robustae, opacae, ferrugineae 31
Dusmetia Merc.

Scutellum normale 31
31. Clava solida, apice oblique truncata; pronotum scuto meso-noti aequilongum 32
Echthroplexiella Merc.

Clava apice rotundata, saltem non oblique resecta 32
32. Antennae graciles, elongatae, articulis funiculi subaequalibus, singulis duplo longioribus ac latis, clava solida, gracili, longa, apice acuminata; corpus nigrum, non metallicum, nec flavo-maculatum 33
Aquaencyrtus Hffr.

Antennae breviores et robustiores, vel species metallica 33
33. Nigra, viridi-micans, opaca; caput et thorax squamulis argenteis parce inspersa; caput flavo-maculatum 34
Dicarnosis Merc.

Caput et thorax absque squamulis argenteis 34
34. Corpus testaceum absque nitore metallico, vel brunnescens, sat nitens; vertex latus 35
Rhopus Först.

Corpus metallicum, raro luteum, metallico-micans 35
35. Corpus obesum, breve; scutellum breve, latum, semicirculare, opacum 36
Ooencyrtus Ashm.

Scutellum elongatum 36
36. Scutellum profunde longitudinaliter aciculatum, nitidum; antennae cylindricae, longae, articulis etiam ultimis plus quam ter longioribus ac latis 36
Protyndarichus Merc.

- Scutellum laeve vel dense punctulatum, in quo casu non nitens; antennae multo breviores: articulis apicalibus subquadratis, parum compressis *Metallon* Walk.
37. Scutellum praesertim postice deplanatum, in lamellam albidam productum; 3 rami nervaturae longi *Ericydnus* Walk. 38
38. Scutellum absque appendice membranacea
39. Articuli 3 primi funiculi longi, cylindrici (raro 2-us brevis), 3 apicales breviores, saepe transversi, clava sat brevis, funiculo parum lator, apice oblique truncata *Mayridia* Merc. Aut in longitudine articulorum funiculi, aut in forma clavae aliter constructa 39
40. Thorax squamoso-reticulatus punctis elongatis vel polyedris, raro obsoletis, quo in casu ultimo antennae longae, cylindricae, item radius longus, fere in iunctura perpendicularis Thorax punctatus vel laevis, non squamoso-reticulatus 40 42
41. Antennae breves, clava saepe ut in ♀♀ valde oblique resecta, nonnunquam serrate dilatata *Litomastix* Thoms. Antennae raro breves, plerumque longae vel valde longae, clava tenui, non oblique resecta 41
42. Scutum mesonoti nitidum, obsolete reticulatum, e contrario scutellum opacum, valde dense longitudinaliter, ut in genere *Ageniaspis* Dahlb., aciculatum; nervo radiali adhuc ante iuncturam fere perpendiculariter egrediente *Paralitomastix* Merc. Scutellum non dense aciculatum, sed longitudinaliter vel polyedrice reticulatus, sat nitens; radiali in iunctura vel immediate post iuncturam egrediente *Copidosoma* Ratzb. 43
43. Proalae pulchre fusco-signatae 44
44. Proalae hyalinae, leniter fumatae, vel disco unimaculatae 45
45. Proalae nigrae cum aliquot maculis pallidis 46
46. Proalae hyalinae cum pluribus lineis fuscis 47
47. Proalae 5—6 maculis parvis, rotundis, hyalinis ornatae *Callipteroma* Motsch. Proalae disco 2 maculis oppositis, hyalinis *Hoplopsis* Destef. 48
48. Proalae in dimidio basali oblique bifasciatae *Leptomastidea* Merc. Proalae in dimidio apicali 3-maculatae, vittis infra inter se coniunctis *Dinocarsiella* Merc. 49
49. Scutellum apice fasciculo pilorum munitum, qui saepius parum observari potest; alae saepe hyalinae, vel obsoletius quam ♀♀ maculatae; nervus marginalis brevis, radialis et postmarginalis longi *Encyrtus* Latr. 50
50. Scutellum absque fasciculo pilorum 51

47. Caput et thorax punctis magnis dispersis ornata 48
 Saltem thorax absque his punctis 54
48. Cellula costalis apice profunde incisa *Eugahania* Merc. 49
 Cellula costalis normalis
49. Caput et thorax plana, caput a latere conspectum triangulare,
 frons inde rotundato-acutangula, facie obliqua, oculis in
 angulo antico-superno positis, genis postice latis; species
 parva, piceo-rava *Hunterellus* How. 50
 Caput normale, magis lentiforme, genis sat angustis
50. Nervus marginalis longior quam latus, radialis in angulo acuto
 decurrens 51
 Nervus marginalis nullus, vel punctiformis 53
51. Nervus radialis ita curvatus, ut 2 trientes apicales cum mar-
 gine parallele iaceant *Paraphaenodiscus* Grt. 52
 Nervus radialis brevior, non parallelus
52. Antennae moderate deplanatae, articulis funiculi ab invicem
 non bene separatis; mandibulae 2-dentatae *Monodiscodes* Hffr.
 Antennae cylindricae, articulis funiculi ab invicem bene sepa-
 ratis; mandibulae 3-dentatae *Discodes* Först.
53. Nervus marginalis nullus: radio adhuc ante iuncturam egre-
 diente; metatibiae 2-calcaratae *Eucantabria* Merc. 1924.
 (typus: *E. azurea* Merc.)
 Nervus marginalis punctiformis; metatibiae 1-calcaratae
 Bothriothorax Ratzb.
54. Caput punctis gemmaeformibus inspersum 55
 Caput simpliciter punctatum, saepe tamen cum seriebus non-
 nullorum punctorum parum maiorum, sed non gemmae-
 formium 57
55. Facies inter insertiones antennarum cum magno, superne acute
 marginato naso; scutellum dense aciculatum *Rhinoencyrtus* Merc. 56
 Facies absque naso
56. Funiculus incrassatus, articulis vix longioribus ac latis, clava
 3-articulata; vertex latus *Aminellus* Ms.
 Funiculus elongatus, cylindricus, articulis latitudine sua mul-
 to longioribus, clava solida; vertex aequae longus ac latus
 Coccidoxenus Crawl.
57. Caput mirandum: vertex longus, antice usque ad unam costam
 transversalem productus, facie infra hanc costam acutam
 profunde excavata *Schedioides* Merc. 58
 Caput normale, vertice et fronte leniter arcuatis

58. Caput et thorax insolite depressa; facies late elliptica; parasitae
Chaetococci phragmitis March. 59
 Corpus minus depressum, vel species non metallica 62
59. Corpus sordide testaceum; antennae articulis funiculi subquadris, articulo 6-o absque serie squamulorum, clava solida, crassa, fere longitudine funiculi *Platyrhopus* Erd. 60
 Corpus obscure metallicum 60
60. Articuli funiculi moderate transversi; nervus marginalis fere triplo longior ac latus; alae perfecte hyalinae *Ioessa* Erd.
 Articuli funiculi fere duplo longiores ac lati; nervus marginalis brevior; alae subhyalinae 61
61. Subcosta in triente apicali triangulariter dilatata, ibidem leniter curvata *Boučekiella* Hffr.
 Subcosta recta, non dilatata *Platyencyrtus* n. g.
62. Thorax densissime aciculatus, inde sericeo-micans; scutellum fortiter convexum, sat dense pubescens; species nigrae cum nitore metallico 63
 Thorax laevis vel opacus, non tamen aciculatus 66
63. Species atrae absque nitore metallico; caput tamen plerumque pulchre cyaneo-viride; articuli funiculi leniter serrati 64
 Funiculus cylindricus, articulis non serratis, sed singulis basi apiceque attenuatis; thorax pulcherrime glauco-ludens *Geniaspidius* Ms.
Parageniaspis Ms.
64. Clava antennarum 3-articulata 65
 Clava antennarum solida 65
65. Species maiores et robustiores, radio sat longo, articulis funiculi longioribus ac latis *Ageniaspis* Dahlb.
 Species graciliores, radio brevior, articulis funiculi quadratis, fortius serratis, articulatione excentrica coniunctis *Holcothorax* Mayr.
66. Thorax ater, opacus, sat dense hirtus pilis erectis, brunnescentibus; thorax fortiter convexus; antennae breves, parum deplanatae *Epiencyrtus* Ashm.
 Thorax piceus vel metallicus; si niger, tunc non opacus 67
67. Antennae longae, sat compressae, articulis funiculi excentrice connexis, inde serratis 68
 Articuli funiculi aut non compressi, aut in medio cum invicem connexi 72
68. Articuli cuncti funiculi sesqui longiores ac lati, late invicem coniuncti; metatibiae depressae, dilatatae *Prionomastix* Mayr
 Articuli funiculi non, vel vix longiores ac lati, pedunculis parvis connexi; metatibiae normales 69

69. Nervus marginalis punctiformis, radialis longus
Coccidencyrtus Ashm. 70
Rami 3 nervaturae longi 71
70. Dentes serrati funiculi quadrati
Dentes serrati funiculi triangulares *Lyka* Merc. 71
71. Obscure viridis; nervus marginalis radio multo brevior, clava
radii incrassata *Mira* Schellenb.
Niger, purpureo-micans; nervus marginalis radio longior; clava
radii evanescens *Clausenia* Ishii
72. Antennae, praesertim articuli funiculi, sat breves, clava soli-
da, apice oblique truncata, saepius alba 73
Clava antennarum non oblique truncata 75
73. Tibiae fusco-triannellatae *Eupoecilopoda* Nov. & Hffr. 74
Tibiae fere unicolores
74. Corpus obscure metallico-viride; nervus radialis arcuatus
Homalotylus Mayr
Corpus non metallicum, saepe flavo-signatum; nervus radialis
fere perpendicularis *Isodromus* How.
75. Articuli funiculi elongati, medio parum constricti, coronis
2—3 pilorum verticillati 76
Articuli funiculi medio non constricti 82
76. Scutum mesonoti sat dense albo-pilosum, fere adpresse vesti-
tum; nervus marginalis longus *Chiloneurus* Westw. 77
Scutum mesonoti absque pubescentia alba 78
77. Caput et thorax nitentia 78
Caput et thorax opaca; nervus marginalis quadratus, radialis
longus; subcosta absque distentione triangulari 81
78. Nervus marginalis fere triplo longior ac latus, radialis punctifor-
mis 79
Nervus marginalis radio fere aequilongus 80
79. Subcosta in triente apicali triangulariter dilatata
Cerapterocerus Westw.
Subcosta in triente apicali simpliciter dilatata
Eusemion Dahlb.
80. Corpus metallicum, nitens; genae diametro longitudinali ocu-
lorum aequilongae *Anicetus* How.
Corpus nigrum, parum coeruleo-viridi-micans; genae bre-
viores *Pareusemion* Ishii
81. Maior; nervus radialis rectus, marginali duplo longior, post-
marginali aequilongus *Prochiloneurus* Silv.
Minor; radius marginali subaequalis *Apterencyrtus* Ashm.
82. Articuli funiculi fortiter nodosi, verticillati, ad invicem pedun-
culo longo coniuncti 83
Articuli funiculi simplices, non nodosi 86

83. Nodi funiculi crassi, subquadrati; scutellum valde obsolete punctatum, convexum *Prionomitus* Mayr
Nodi funiculi minus crassi et minus alti; scutellum dense punctatum 84
84. Caput et thorax densissime punctata, fere sericeo-opaca 85
Caput et thorax leniter punctata; scutellum convexum
Psyllaephagnus Ashm.
85. Scutum mesonoti et scutellum valde convexa
Blastothrix Mayr
Scutum mesonoti leniter, scutellum fortius deplanata
Metaprimonitus Merc.
86. Articuli funiculi depressi, 2—6 subquadrati; scutellum laeve
Zeteticontus Silv. 87
Articuli funiculi non depressi
87. Scutellum elatum, valde convexum, densissime et profunde punctatum; latera propodei et coxae posticae albo-tomentosa; corpus metallicum *Trichomasthus* Thoms.
Scutellum minus convexum, vel minus profunde punctatum, vel corpus non metallicum 88
88. Segmenta abdominis parallela, stigmatibus setiferis in apice sitis 89
Stigmata setifera versus basin magis progressa, lateribus inde segmentorum apicalium proVectis 90
89. Antennae breves; flagellum medio leniter dilatatum; abdomen subrotundum *Aphycoides* Merc.
Antennae elongatae et cylindricae; abdomen ovatum
Psilophrys Mayr
90. Corpus opacum, densissime punctatum vel punctulatum 91
Corpus, praesertim scutum mesonoti, nitens; scutellum nonnquam opacum 97
91. Antennae breves, articulis funiculi transversis 92
Antennae elongatae, articulis funiculi cylindricis 93
92. Articuli funiculi fere uniformes; corpus non metallicum, testaceum usque ravidum; nervus postmarginalis evolutus
Aphycus Mayr, *Metaphycus* Merc.
Articuli funiculi biformes: 4 primi parvi, 2 apicales abrupte maiores; clava solida; nervus marginalis nullus
Waterstonia Merc.
93. Nervus marginalis nullus, radio adhuc ante iuncturam egrediente; postmarginalis fere nullus 94
Nervus marginalis brevis, tamen bene evolutus; antennae valde longae 95
94. Articuli funiculi latitudine sua vix longiores
Paraphycus Grt.

- Articuli funiculi longi, 1-us pedicello longior; clava solida
Aenasioidea Grlt.
95. Scutum mesonoti cum manifestis sulcis parapsidum
Xanthoectroma Merc.
Scutum mesonoti absque sulcis parapsidum 96
96. Nervus postmarginalis radio non longior; mandibulae 2-dentatae; articulus 6-us funiculi et basis clavae serie squamularum erectarum provisae
Anagyrus How.
Nervus postmarginalis radiali duplo longior; mandibulae 3-dentatae
Heterarthrellus How.
97. Caput et thorax laevia vel sublaevia 98
Caput et thorax coriacea vel punctata 102
98. Articulus 6-us funiculi serie squamularum brevium erectarum munitus 99
Articulus 6-us funiculi absque serie squamularum 100
99. Oculi pilosi; articuli funiculi cylindrici; palpi maxillares 3-, labiales 2-articulati
Doliphoceras Merc.
Oculi nudi; articuli funiculi ovati; palpi maxillares 2-, labiales 1-articulati
Rhopus Först.
100. Subcosta in triente apicali triangulariter dilatata 101
Subcosta simplex, vix dilatata
Anusia Först.
101. Articuli funiculi moniliformes, subquadrati
Ixodiphagus How.
Articuli funiculi latitudine sua duplo longiores
Mayrencyrtus Hincks
102. Subcosta in triente apicali triangulariter dilatata 103
Subcosta simplex, vix dilatata 104
103. Pulchre metallico-viridis; scutellum depressum, aspere aciculatum
Protyndarichus Merc.
Obscure violaceus; scutellum sat convexum, leniter coriaceum
Tyndarichus How.
104. Caput et thorax saturate flavo-signata 105
Caput et thorax metallica, vel obscura 106
105. Antennae valde longae: articulus 6-us funiculi latitudine sua triplo longior; nervus marginalis duplo longior quam latus, radialis et postmarginalis aequilongi
Leptomastix Först.
Articulus 6-us funiculi vix longior quam latus; nervus marginalis punctiformis, postmarginalis rudimentarius; caput lentiforme, flavum
Paraschedius Merc.
106. Alae complete hyalinae, fimbria absente; nervus marginalis punctiformis, radialis marginali et postmarginali unitis aequilongus
Agromyzaephagus Gah.
Alae subhyalinae, pubescentia visibili; fimbria evoluta 107

Beiträge zur Entomologie, Band 5, 1955, Nr. 1/2	195
107. Nervus marginalis duplo longior quam latus, radialis et post-marginalis valde breves, punctiformes	
<i>Subprionomitus</i> Merc.	
Aut nervus marginalis brevior, aut radialis longior	108
108. Thorax, praesertim scutellum, depressus; abdomen subrotundum; antennae breviter pilosae; nervus marginalis brevis crassusque, radialis punctiformis, postmarginalis nullus	
<i>Ceballosia</i> Merc.	
Thorax convexus	109
109. Nervi marginalis, radialis et postmarginalis valde longi, uti in speciebus generis <i>Ericydnus</i> Walk.	
<i>Euzkadiella</i> Merc.	
Non cuncti rami valde longi, ad summum radius	110
110. Antennae breviter pilosae, pilis latitudine articulorum non longioribus	111
Antennae longe, saepe verticillato-pilosae	115
111. Pedicellus globosus, primo articulo cylindrico funiculi multo brevior	112
Pedicellus articulo 1-o funiculi aequilongus	113
112. Species maiores; thorax latus, fere globosus; alae leniter fuliginosae	
<i>Paraphaenodiscus</i> Grlt.	
Species minor; thorax paullo longior; alae hyalinae	
<i>Aphidencyrtus</i> Ashm.	
113. Vertex postice marginatus	
<i>Microterys</i> Thoms.	
Vertex postice teres	114
114. Corpus laete viride; mesonotum dense punctatum; nervus radialis rectus, marginali aequilongus; thorax parum depressus	
<i>Metallon</i> Walk.	
Corpus obscure metallicum, obsolete coriaceum; scutellum fortiter convexum; nervus marginalis brevis, radialis curvatus	
<i>Superprionomitus</i> Merc.	
115. Articuli funiculi verticillato-pilosi	116
Articuli funiculi non verticillato-pilosi	117
116. Caput et thorax leniter reticulato-squamosa; antennae in medio faciei insertae; nervus marginalis punctiformis	
<i>Neococcidencyrtus</i> Comp.	
Caput et thorax dense et fortius punctata; antennae inferius insertae; nervus marginalis radiali longior	
<i>Parasyrphophagus</i> Grlt.	
117. Proalae medio fumatae; antennae in medio faciei insertae	
<i>Ilicia</i> Merc. 1921.	
(typus: <i>I. nigra</i> Merc.)	
Proalae hyalinae; antennae inferius insertae	118

118. Articululus 1-us funiculi 6-ies longior ac latus; caput rugoso-punctatum, punctis maioribus inspersis
Paraphaenodiscoides Merc. 119
- Articululus 1-us funiculi multo brevior
119. Pedicellus elongatus, fere duplo longior quam latus, articulo 1-o funiculi aequilongus
Coccidencyrtus Ashm. 120
- Pedicellus globosus, articulo 1-o funiculi multo brevior
120. Species parvae et obesae; scutellum latum, fere latius quam longum, postice late rotundatum, plerumque opacum; nervus marginalis punctiformis
Ooencyrtus Ashm. 121
- Species maiores ac magis elongatae; scutellum latitudine sua longius, magis convexum, scuto mesonoti aequae punctatum; nervus marginalis longior quam latus
121. Observabiliter deplanatus; dense albo-pilosus et densissime coriaceus; squamulae basi et pedes 4 anteriores pallidi
Cerchysius Westw. 122
- Thorax convexus, sublaevis, parce pilosus; squamulae et pedes obscuriores
122. Vertex postice acute marginatus; nervus marginalis duplo longior quam latus
Syrphophagus Ashm.
- Vertex postice teres; nervus marginalis vix longior quam latus
Pseudencyrtus Ashm.

Descriptiones generum novorum
quae continet tabella dichotomica

***Biróus* n. g.**

♀. — Corpus metallicum, flavo-signatum. Statura Microterydiformis. Caput facie brevi, vertice postice acute marginato. Antennae scapo dilatato, pedicello pyriformi, funiculo 3-articulato, absque anello albo, clava magna, 3-articulata. Thorax leniter convexus, scutello rotundato. Alae amplae, leniter fuliginosae, in triente apicali hyalino-fasciatae. Abdomen breve, terebra recondita.

Typus generis:

***Biróus anomalus* n. sp.**

♀. — Caput maxima parte flavum, genis et peristomio obscuris; thorax furvus, scuto mesonoti et scutello cupreo-viridibus. Caput a latere conspectum fere triangulare, dimidio faciei inferno fortiter impresso; vertex elongatus, uno oculo multo angustior, ocellis in triangulum 56° dispositis; palpis maxillaribus 4-, labialibus 3-articulatis. Thorax robustus, obsolete punctulatus, scutello et scuto mesonoti aequilongis. Abdomen breve, stigmatibus setiferis in medio sitis. — Longitudo 1,77 mm.

Typus in Museo Hist. Nat. Hungarico Budapestini conservatur. — Unicam ♀ legit BIRÓ Budapestini (Hűvösvölgy) 25. Septembris 1913.

***Platyencyrtus* n. g.**

Genus novum excellit statura sua insolite depressa. Corpus metallicum, capite prognatho, antennis in margine oris insertis, funiculo 6-articulato, clava in ♀ 3-articulata, in ♂ solida. Mandibulae 3-dentatae. Occiput collo in parte quinta superna iacente, cardine longissimo, stipite brevi, palpis maxillaribus 4-, labialibus 3-articulatis. Thorax scuto et scutello multo latioribus quam longis, fere laevibus. Alae marginali longiore quam lato, radio brevi, postmarginali aequilongo. Abdomen in utroque sexu thorace longius et latius, terebra parum exserta.

Typus generis:

***Platyencyrtus esuriens* n. sp.**

♀. — Obscure metallico-aenea, alis quadrante basali et disco leniter fumatis, pedibus nigris. Facies brevis et late elliptica, absque scrobibus. Antennae scapo sat brevi, versus apicem parum dilatato, pedicello sesqui longiore quam apice lato, articulis 6 funiculi sensim dilatatis, clava sat magna. Thorax nitidus, axillis ab invicem longe separatis. Abdomen longum et latum, stigmatibus setiferis in triente apicali sitis. — Longitudo 1,33–1,93 mm.

♂ simillimus; antennis parum altius, in linea oculari insertis, articulis funiculi dense et longe pilosis, clava solida, oblique rotundato-acuminata; abdomine rotundato. — Longitudo 1,19 mm.

Holotypi (♂ et ♀) in Museo Hist. Nat. Hungarico, cotypi in collectione Novickyi (Vindobonae) et Erdősi conservantur. Est parasita *Chaetococi phragmitis* March. sub pericladis *Phragmitis vulgaris* Lam. — Inventa est in Budapest (BIRÓ), Gárdony in Phragmiteto lacus Velencei-tó dicti et ex *Chaetococco phragmitis* March. ibidem collecto sat numerose exclusa (ERDŐS), Sopron (ERDŐS), Franzerhofen (Austria, NOVICKY). Tempus apparitionis a die 10. Maii ad 9. Augusti.

***Leiocyrtus* n. g.**

♀. — Corpus breve, sat deplanatum. Caput fere lenticulare, facie rotundata, antennis immediate supra os insertis, mandibulis 3-dentatis, palpis maxillaribus 4-articulatis. Antennae breves, scapo modice dilatato, pedicello longo, articulis 6 funiculi valde brevibus, clava maxima, 3-articulata. Thorax depressus, scutello orbiculato. Alae angustae et breves, hyalinae, praestigmate notabiliter dilatato. Pedes metatibiis 1-calcaratis. Abdomen ovatum, terebra subexserta.

Typus generis:

***Leiocyrtus clavatus* n. sp.**

♀. — Corpus violaceo-nigrum, mandibulis cremeis, palpis albidis. Alae subhyalinae. Pedes bicolores: coxae et femora nigra, tibiae flavae, basi cunctae fusco-annulatae. Caput lenticulare, facie leniter convexa,

laevi; antennae supra os insertae, vertex evanescens, postice acute marginatus, ocellis in triangulum 113° dispositis, fere laevis. Thorax sublaevis; alae etiam basi sat dense pilosae, fimbria brevi, marginali duplo longiore quam lato, radio subaequali, postmarginali fere nullo. Abdomen ovatum, thorace longius et latius, laevissimum, stigmatibus setiferis fere in medio sitis, terebra sat crassa, $1/6$ abdominis exserta. — Longitudo 0,85—1,12 mm.

Cotypi in Museo Hist. Nat. Hungarico et in collectione Erdősi — 4 ♀♀: ex Budapest (Köztemető), Szód et Vác (Biró) et ex Kelebia (Erdős), cuncta specimina in mense Iulio collecta.

Athesmus n. g.

♀. — Corpus atrum, densissime punctatum, fere opacum, at non holosericeum. Caput normale, mandibulis 3-dentatis, antennis scapo modice dilatato, funiculo gracili, 7-articulato, clava 2-articulata. Alae hyalinae, nervo marginali fere duplo longiore quam lato, postmarginali brevi, radio sessili. Abdomen triquetrum, terebra recondita.

Typus generis:

Athesmus luctuosus n. sp.

♀. — Antennae avellaneae, basi infuscae; pedes leniter obscurati, genubus apicibusque tibiarum, tibiis intermediis excepto annulo basali fusco, cremeis. Antennae in linea oculari insertae. Facies fere laevis, vertex sat brevis, margine postico immarginato, ocellis in triangulum 81° dispositis. Thorax modice convexus. Alae amplae, basi nudaе. Pedes graciles, spinulis tarsorum intermediarum pallidis, vix observabilibus. — Longitudo 1,05 mm.

Typus in Museo Hist. Nat. Hungarico conservatur. — Unica ♀ ex montibus Mecsek (Kisvaszar) oritur, ubi eam Erdős 28. Iunii 1951 legit.

Ginsiana n. sp.

♀. — Caput punctis maioribus sat obsoletis in vertice et in fronte inspersum, vertex immarginatus, genae longae et valde convergentes; mandibulae 3-dentatae, palpis maxillaribus 4-, labialibus 3-articulatis; antennae filiformes, funiculo 6-articulato, articulis longiusculis, clava 3-articulata. Thorax sat brevis, scutello valde convexo. Alae pilosae, fimbria brevi, nervo marginali parum longiore quam lato. Abdomen breve, triangulare, terebra crassa, exserta vel subexserta.

Typus generis:

Ginsiana obscura n. sp.

♀. — Corpus obscure metallicum, antennis nigris, alis hyalinis, pedibus violaceo-nigris, genubus sat late, pro- et mesotibiis integre, metatibiis dimidio apicali, tarsisque fulvis. Antennae infra lineam ocularem insertae, scapo cylindrico, artivulis 6 funiculi parum longioribus ac latis,

clava elongata, 3-articulata. Facies integra sublaevis, vertex postice immarginatus, ocellis in triangulum 95° dispositis, oculis densissime albo-setosis. Thorax valde convexus, propodeum fere verticaliter declive. Abdomen thorace parum longius et latius, stigmatibus setiferis in medio sitis, terebra longitudine sua metatarsum intermedium aequante. — Longitudo 1,60—1,79 mm.

Cotypi in collectione Novickyi (Vindobonae) et Erdösi conservantur. 3 ♀♀, quas ERDŐS in montibus Kőszegensibus die 26. Iunii 1944 legit.

Litteratura

complectens opera maiora systematica, necnon descriptiones validorum generum regionis palaearcticae

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Besprechungen

Geigy, R. & Herbig, A., Erreger und Überträger tropischer Krankheiten. Acta Tropica, Supplementum 6. VERLAG FÜR RECHT UND GESELLSCHAFT A. G., Basel, 1955, 8°, XXIV & 472 S., 17 Textfig., 35 Photos auf 18 Tafeln, 28 Taf. (6 Farbentaf.). Preis 80.— DM.

Wie die Verfasser im Vorwort mitteilen, hat sie vornehmlich die Überlegung zur Veröffentlichung des Buches veranlaßt, daß vielleicht in manchen bisherigen Darstellungen die zoologischen Gesichtspunkte zum Problem der Aetiologie durch Arthropoden übertragener Tropenkrankheiten ungenügend zur Geltung gekommen sind. In ihrer Darstellung wird daher weniger Gewicht auf die Auswirkungen gelegt, die von den Erregern in den befallenen Organismen hervorgerufen werden, als auf den Ablauf ihrer Entwicklungszyklen im Träger (Wirbeltier) und den Überträgern (Arthropoden) und das Verhalten der Erreger in ihnen. Besonders eingegangen wird auf die verschiedenen übertragenden Insekten und anderen Arthropoden, die nicht als bloße „Durchgangsstationen“ für den Erreger geschildert werden, sondern als Organismen, die für die Aetiologie einer Infektionskrankheit ebenso mitbestimmend sind wie der Träger. Der Text ist daher nach zoologischen Gesichtspunkten angeordnet, indem jeweils innerhalb einer Arthropodengruppe die einzelnen Krankheiten und ihre Erreger dargestellt werden. Im allgemeinen Teil werden im 1. Kapitel die Übertragung von Krankheitskeimen durch Arthropoden und die dabei geltenden Parasit-Wirt-Beziehungen (acyclische und cyclische Übertragung; Erreger-Reservoir; Virulenz, Empfänglichkeit und Immunität) geschildert. Das 2. Kapitel gibt eine Übersicht über die Tropenkrankheiten bei Mensch und Haus-

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