

to a beautiful lace-winged fly, which emerges from the sand like a spirit escaping from a tomb.

It was night before the three weary travellers reached Sand-Rock Hotel. Beauteous spot!—Undercliff, never to be forgotten;—when first I saw thy bewitching face, the full-moon was riding triumphantly over the ocean, silvering the multitudinous ripples with her reflected image, and making a broad and glorious track of ever-varying light—and thou wast bathed in more than ordinary splendour by the brightness of her beams! After roughing it on the ocean, and among the cliffs of Fresh-water and the Needles, the quietude and luxury of this spot seemed to invite repose; we tarried there many days; and then, walking through Appeldurcombe and Newport, arrived at Cowes;—and there, taking ship, sailed to Portsmouth, and so returned.

I am, Sir, Your's, &c.

RUSTICUS.

ART. XII. — *Monographia Chalciditum.* By FRANCIS WALKER, Esq. F.L.S.

(Continued from p. 39.)

“ ——— the green myriads in the peopled grass.”

GENUS CEROCEPHALA, *Westwood.*

Theocolax . *Westwood.*

Læsthia . . *Haliday.*

Epimacrus . *Walker.*

Caput anticè tridentatum: *maris* antennæ 10-articulatæ, moniliformes; *fem.* 9-articulatæ, breviores, tenuiores, subclavatæ: thoracis segmenta alifera in apteris minima, in alatis majora: petiolus brevis aut elongatus: alæ nunc minimæ, nunc amplæ: nervi soliti pars humeralis^a brevis; pars ulnaris longior, basi spinam erectam brevem latam gerens; a *Spalangia* quoque radio brevior et cubito longiore differt: metalæ nervo simplici ultra costæ medium producto.

^a See Ent. Mag. Vol. I. p. 334. Note.

The other characters of this genus are noticed in Mr. Haliday's description of *Læsthia*, Vol. I. pp. 335 & 336 of this Magazine.

Sp. 1. Cero. cornigera. Mas. et fem. *Rufa aut ferruginea, nigro plus minusve variegata, alis albis fuscofasciatis.*

Cerophala cornigera. Westwood. Guerin. *Magasin de Zoologie.* 1^{ère}. Livraison, Pl. 4.

Epimacrus rufus . Walker, *Ent. Magazine*, Vol. I. p. 369.

Mas.—Nigro-fuscus, nitens, ferè glaber, pubescens: caput magnum, thorace latius, ferrugineum: oculi ocellique fuscii: antennæ nigro-fuscae, pubescentes, corporis dimidio longiores, basi obscure ferrugineae: prothorax anticè, utrinque et subtus ferrugineus; squamulae concolores: metathorax scaber, obscurus, apice ferrugineus: petiolus abdominis dimidio vix brevior, linearis, ferrugineus, obscurus: abdomen nigrum, thorace latius, brevi-ovatum, convexum, glabrum; segmentum 1^{um}. fusco ferrugineum, maximum; sequentia parva: pedes fuscii, subtus et tarsi omninò fulvi: alae albæ, ciliatæ; proalæ sub ulnæ basi fusco-maculatæ, sub cubito fusco-fasciatæ: nervus solitus fuscus; ulna basi et cubitus nigra, crassa. (Corp. long. 1—1 $\frac{1}{4}$ lin.; alar. 1 $\frac{1}{4}$ —1 $\frac{1}{2}$ lin.)

Var. β .—*Fem.* ferrugineo-ænea: caput ferrugineum; vertex ferrugineo-æneus: antennæ ferrugineae, apice fuscae: thoracis latera et pectus abdominisque basis subtus ferruginea; pedes concolores, subtus et tarsi omninò fulvi.

Taken by Mr. Stephens, near Ripley, in Surrey; by Mr. E. Doubleday, near Epping, and by Mr. Lewis, near London.

Sp. 2. Cero. formiciformis. Mas. et fem. *Ferruginea, alis vix ullis.*

Theocolax formiciformis. Westwood, *Lond. and Edin. Phil. Mag. Third Series.* Vol. I. No. II. p. 127.

Læsthia vespertina . . Haliday, *Ent. Mag.* Vol. I. pp. 335, 336.

Taken near Paris, by M. F. de Laporte. I have found it crawling on paper, once near London; and once, in September, near Linton, North Devon.

GENUS MACROGLENES, *Westwood*.

Caput transversum, anticè depressum et subproductum, *maris* magnum thorace latius, *fem.* mediocre thorace vix latius : *maris* oculi maximi, posticè ferè conjuncti, capitis partem majorem occupantes : *fem.* oculi mediocres, laterales : ocelli 3 supra verticem trigonè dispositi, *maris* postici vix conspicui : mandibulæ paullò arcuatæ, apice dentibus 4 acutis armatæ : maxillæ elongatæ : palpi maxillares triarticulati, mediocres, filiformes ; articulus 3^{us}. longus : mentum ovatum : labium parvum, anticè ciliatum : palpi labiales minimi, biarticulati : *maris* antennæ 10-articulatæ, clavatæ, breves, capite paullò longiores ; articulus 1^{us}. gracilis ; 2^{us}. mediocris, ovatus ; 3^{us}., 4^{us}., et 5^{us}., minimi ; 6^{us}. et 7^{us}. magni, lati ; clava ovata, apice acuminata, articulis 2 præcedentibus longior et latior : *fem.* antennæ 9-articulatæ ; articuli 3^{us}. et 4^{us}., minimi ; 5^{us}. et 6^{us}. magni, lati : thorax ovatus : prothorax minimus, supra vix conspicuus : mesothoracis scutum magnum ; parapsides optimè determinatæ, convexæ ; paraptera et scutellum magna, hoc angustum : metathorax sat magnus : *maris* abdomen sessile, valdè compressum, laminæ similis, thorace vix brevius ; segmentum 1^{um}. longum, sequentia breviora : *fem.* abdomen compressum, thorace paullò longius : oviductus subexertus : pedes simplices, breves ; coxæ parvæ ; tibiæ rectæ, apice spinis armatæ ; tarsi graciles, articuli 1^o. ad 4^{um}. longitudine decrescentes, 5^{us}. 4^o. longior ; ungues et pulvilli parvi : alæ breves ; nervus solitus ubi costam attingit quasi discerptus, ultra costæ medium ramulum brevem emittens stigmate rotundo terminatum ; et mox abruptus ; metalæ nervo unico simplici costæ medium non attingente, stigmate punctiformi terminato.

Sp. 1. *Macr. oculatus*. Mas. et fem. *Viridis aut cyaneus, plus minusve æneo variegatus, antennis pedibusque nigris, alis hyalinis.*

Macroglenes oculatus. *Westwood, Lond. and Edinb. Phil. Mag. Third Series. Vol. I. No. II. p. 127.*

Mas.—Caput nigrum, obscurum : oculi ocellique rufi : antennæ nigrae, pubescentes ; articulus 1^{us}. nigro-viridis, glaber : thorax æneo-viridis, nitens, ferè glaber, vix pubescens : abdomen viride, nitens, glabrum, supra æneum, apice pubescens : pedes nigri, non pubescentes ; trochanteres fusci ; tarsi rufi, apice nigro-fusci :

alæ albo-hyalinæ, iridescentes, ciliatæ ; nervi fusci ; stigma obscurius, parvum.

Fem.—Nigro-viridis : abdomen cyaneo-viride. (Corp. long. $\frac{2}{3}$ — $\frac{3}{4}$ lin. ; alar. $1-1\frac{1}{6}$ lin.)

Var. β.—*Mas*, thorax viridis : mesothoracis scutellum, metathorax et abdomen cyanea.

June and August ; on grass in fields ; near London. June ; Windsor Forest.

Note.—This genus is allied to *Pirene*, and probably connects the *Spalangiidæ* and the *Ormoceridæ*.

GENUS ASAPHES.^b *Walker.*

Caput mediocre, thorace vix latius, transversum, non anticè productum, inter oculos subimpressum : oculi mediocres, laterales : ocelli supra verticem trigonè dispositi : mandibulæ arcuatæ, bidentatæ ; dentes longi, acuminati : maxillæ elongatæ, internè apicem versus in lobum productæ : palpi maxillares biarticulati, mediocres : mentum ovatum : labium sat longum, anticè impressum : palpi labiales breves, crassi, biarticulati ; *maris* antennæ 12-articulatæ, clavatæ, thorace breviores ; articulus 1^{us}. gracilis, flagelli dimidio longior ; 2^{us}. mediocris, elongato-cyathiformis ; 3^{us}. minimus ; 4^{us}. et 5 sequentes breves, cyathiformes ; clava ovata, acuminata, articulos 2 præcedentes longitudine adequans : *fem.* antennæ paullò breviores ; clava paullò brevior et obtusior : thorax ovatus, convexus : prothoracis scutellum magnum, subquadratum : mesothoracis scutum maximum ; parapsides benè determinatæ ; paraptera et scutum magna, hoc conicum : metathorax mediocris : *maris* abdomen ovatum, convexum ; segmenta 1^{um}. et 2^{um}. maxima, 4 sequentia minima ; segmenta 5 ventralia subtus conspicua : *fem.* abdomen paullò longius, subtus carinatum, apice elevatum ; segmenta 5 dorsalia subtus basin versus retracta, et ventralia nisi ad basin tegentia : oviductus subexertus : pedes simplices ; coxæ parvæ ; tibiæ rectæ, apice spinis armatæ ; tarsi graciles ; articuli 1^{mo}. ad 4^{um}. longitudine decrescentes, 5^{us}. 4^o. longior : ungues et pulvilli parvi : alæ angustæ ; nervus solitus ramulum sat longum emittens ; stigma ramulum emittens brevissimum.

^b ἀσάφης, obscurus.

Sp. 1. Asa. vulgaris. Mas et Fem. *Viridis aut æneus, abdomine antennisque nigris, maris antennis fuscis, pedibus fuscis aut rufis, alis subfuscis aut hyalinis.*

Mas. Viridis, subnitens, subtilissimè punctatus, pubescens: oculi ocellique rufo-fusci: antennæ nigro-fuscae, pubescentes; articulus 1^{us}. nigro-viridis, nitens: squamulae nigro-fuscae: petiolus ater, obscurus, striatus: abdomen nigrum, nitidum, glabrum: pedes rufi, vix pubescentes; coxæ nigrae; trochanteres fusci; femora nigro-fusca, apice rufa; meso- et metatarsi pallidè rufi, apice necnon ungues et pulvilli omnes fusci: alæ subhyalinae; nervi pallidè fusci; stigma parvum.

Fem. Caput et thorax ænea: antennæ nigrae; articulus 1^{us}. æneo-ater: petiolus æneus: abdomen apice pubescens: pedes fusci; coxæ nigrae; femora nigro-fusca; tibiae subtus et protibiae omninò rufae; tarsi rufi, apice fusci: alæ subfuscae; nervi fusci. (Corp. long. $\frac{1}{2}$ — $1\frac{1}{4}$ lin.; alar. $\frac{2}{3}$ — $1\frac{2}{3}$ lin.)

Var. β.—*Mas.* metatibiae fusco fasciatae.

Var. γ.—*Mas.* thorax viridi-æneus.

Var. δ.—*Mas.* caput et thorax ænea.

Var. ε.—*Mas.* profemora rufa.

Var. ζ.—*Mas.* antennæ rufo-fuscae; articulus 1^{us}. nigro-viridis; clava rufa: pedes rufi; coxæ nigrae; meso- et metatarsi flavi: alæ fulvo-hyalinae; nervi fulvi.

Var. η.—*Fem.* petiolus ater.

Var. θ.—*Fem.* caput et thorax viridia.

Var. ι.—*Fem.* meso- et metapedum tibiae nigrae, tarsi nigro-fusci, apice nigri.

Var. κ.—*Fem.* caput et thorax viridi-ænea: protibiae supra fuscae: alæ subhyalinae; nervi pallidè fusci.

Var. λ.—*Fem.* meso- et metatibiae rufae, fusco fasciatae.

Var. μ.—*Fem.* femora et tibiae obscurè rufa; meso- et metatarsi pallidiores, apice fusci.

Var. ν.—*Fem.* caput et thorax viridia: petiolus obscurè viridis: femora et tibiae pallidè rufa; meso- et metatarsi flavi, apice fusci: alæ hyalinae; nervi fulvi.

Common near London during the greater part of the year, on box-trees, in the spring. September; Isle of Wight. New Lanark.

GENUS, ISOSOMA, *Walker.*

Sp. 24. Isos. flavicolle. Fem. *Nigrum, prothorace pedibusque flavis, his nigro variegatis, alis subhyalinis.*

Isos. fulvicolli similis, differt abdomine alisque longioribus. Nigrum, obscurum, punctatum, pubescens: caput thorace latius: oculi ocellique obscurè rufi: mandibulæ rufo-fuscae: antennæ nigrae, pubescentes, thorace breviores; articulus 1^{us}. rufus; 2^{us}. apice fuscus: thorax elongatus, angustus: prothorax flavus, utrinque anticè pallidior, posticè nigro-fuscus, supra fusco vittatus: squamulae nigro-fuscae: petiolus brevis: abdomen angustum, glabrum, nitidissimum, thorace vix brevius, apice elevatum et supra planum: oviductus subexertus, rufus: pedes rufi; coxæ fuscae; procoxæ flavæ, supra fusco maculatæ; profemora supra ad basin nigra; mesofemora nigra, metafemora fusca, ambæ apice rufa; mesotibiæ nigro-fusco, metatibiæ fulvo latè fasciatæ; meso- et metatarsi pallidè rufi, apice fusci: alæ subhyalinæ, pallidè flavescens; nervi flavi; stigma parvum. (Corp. long. $1\frac{1}{2}$ — $1\frac{3}{4}$ lin.; alar. $2\frac{1}{4}$ — $2\frac{1}{2}$ lin.)

Var. β.—Antennæ articulo 1^o. fusco: trochanteres fusci; femora omnia basi nigra; meso- et metatarsi flavi, apice fusci: alæ vix flavescens.

July; on grass beneath trees; near London.

GENUS SYSTOLE, *Walker.*

Sp. 2. Syst. platyptera. Fem. *Nigra, alis subhyalinis.*

Lata, nigra, obscura, punctata, pubescens: caput thorace latius: oculi ocellique obscurè rufi: antennæ nigrae, pubescentes, thorace paullo breviores: thorax crassus, ferè gibbus; squamulae nigrae, nitidae: petiolus brevissimus: abdomen ovatum, glabrum, nitidissimum, thorace brevius et angustius: oviductus rufus, subexertus: pedes nigri, pubescentes; genua flava; protarsi rufi; meso- et metatarsi flavi, apice fusci: alæ latae, subhyalinæ; nervus solitus fuscus, ubi costam percurrit crassus; stigma parvum. (Corp. long. $\frac{3}{4}$ lin.; alar. $1\frac{1}{4}$ lin.)

July; on grass in fields; near London.

GENUS EURYTOMA, Illiger.

Sp. 12. Eur. acuminata. Fem. *Nigra, tarsi flavis, alis hyalinis. Plerisque hujus generis longior; E. nitida duplo major; E. longipenni et gracili alarum nervis pallidioribus, E. collari capite thoraceque latioribus distincta.*

Nigra, punctata, obscura, pubescens: caput thorace paullo latius: mandibulae rufo-fuscae: oculi ocellique rufi: antennae nigrae, thorace breviores, fusco pubescentes; articulus 1^{us}. basi, 2^{us}. apice, 3^{us}. 4^{us}. que omnino fusci: squamae rufo-fuscae: petiolus brevis, gracilis: abdomen fere glabrum, nitidissimum, thoracem longitudine adequans, apice sparse pubescens; segmentorum margines subtus abdomen fusci: oviductus rufus, subexertus; tegmina nigro-fusca, apice rufa: pedes nigri, pubescentes; trochanteres fusci; genua rufa; tibiae apice tarsi que flavescentes: alae hyalinae, iridescentes; nervi pallide fusci; stigma parvum. (Corp. long. $1\frac{3}{4}$ —2 lin.; alar. $2\frac{1}{4}$ — $2\frac{1}{2}$ lin.)

Taken near Paris, by M. F. de Laporte; and sent to me, as well as many of the following species, with manuscript names, which I have adopted.

Sp. 13. Eur. squamea. Fem. *Nigra, tarsi pallide flavis, alis hyalinis. Praecedenti similis sed paullo crassior; E. verticillata et curta longior.*

Nigra, obscura, punctata, pubescens: caput thorace paullo latius: mandibulae rufo-fuscae: oculi ocellique obscure rufi: antennae nigrae, thorace breviores, fusco pubescentes; articulus 1^{us}. basi rufo-fuscus: squamae rufo-fuscae: petiolus brevis, gracilis: abdomen fere glabrum, nitidissimum, thorace brevius, apice sparse pubescens: oviductus rufus, subexertus; tegmina nigro-fusca, apice rufa: pedes nigri, pubescentes; trochanteres rufo-fusci; genua flava; tibiae nigro-fuscae, subtus pallidiores, apice basique rufae; protibiae rufae, supra fusco vittatae; tarsi pallide flavi: alae hyalinae, subiridescentes; nervi fulvi; stigma parvum. (Corp. long. $1\frac{3}{4}$ lin.; alar. $2\frac{1}{4}$ lin.)

Var. β .—Meso- et metatibiae nigrae, apice basique rufae.

Taken near Paris, by M. F. de Laporte.

Sp. 14. Eur. rufitarsus. Mas et Fem. *Statura praecedentis, tarsi rufis.*

Mas.—Nigra, obscura, punctata, pubescens: caput thorace paullò latius: mandibulæ rufo-fuscae: oculi ocellique obscure rufi: antennæ nigrae, fusco-pilosae, thoracem longitudine adequantes; articulus 1^{us}. basi rufo-fuscus: squamulae rufo-fuscae: petiolus mediocris: abdomen thoracis dimidio non longius, glabrum, nitidissimum: pedes nigri, pubescentes; trochanteres et genua rufo-fusca; tibiae nigro-fuscae, apice basique protibiae subtus quoque rufae; tarsi rufi: alae hyalinae, subiridescentes; nervi fulvi; stigma parvum.

Fem.—Antennae breviores: petiolus brevis, gracilis: abdomen thorace paullò brevius, apice sparsè pubescens: oviductus rufus, subexertus; tegmina nigro-fusca, apice rufa: tibiae nigrae, subtus fuscae, apice basique rufae. (Corp. long. 1½ lin.; alar. 2 lin.)

Taken near Paris, by M. F. de Laporte.

Sp. 15. Eur. Salicis. Fem. *Nigra, tarsis flavis, alis hyalinis. Præcedentibus oviductu longiore distincta.*

Nigra, obscura, punctata, pubescens: caput thorace paullò latius: mandibulæ rufo-fuscae: oculi ocellique obscure rufi: antennæ nigrae, pubescentes, thorace breviores; articulus 1^{us}. basi rufo-fuscus: squamulae rufo-fuscae: petiolus brevis: abdomen thorace vix brevius, ferè glabrum, nitidissimum, apice pubescens; segmentorum margines subtus fusci: oviductus rufus, abdominis trientem longitudine adequans; tegmina nigro-fusca, apice rufa: pedes nigri, pubescentes; trochanteres fusci; femora apice rufa; tibiae fuscae, subtus apice basique rufae; tarsi flavi: alae hyalinae, subiridescentes; nervi fulvi; stigma parvum. (Corp. long. 1¾ lin.; alar. 2 lin.)

Reared by M. F. de Laporte, from galls on willows, near Paris.

Sp. 16. Eur. flavipes. Mas et Fem. *Nigra, pedibus flavis, alis hyalinis. Statura E. acuminatae.*

Mas.—Nigra, punctata, obscura, pubescens: caput thorace paullò latius: mandibulæ rufo-fuscae: oculi ocellique obscure rufi: antennæ nigrae, pilosae, apice rufo-fuscae, thoracem longitudine adequantes; articulus 1^{us}. basi rufus: thorax abdomine ferè duplò longior; squamulae rufo-fuscae: petiolus mediocris: abdomen ferè glabrum, nitidissimum: pedes pallidè rufi, pubescentes; coxae nigrae; pro- et mesofemora basi fusca; metafemora et metatibiae fusco cingulata; tarsi pallidè flavi: alae hyalinae, iridescentes; nervi pallidè fulvi; stigma parvum.

Fem.—Antennæ breviores, pubescentes, apice fuscæ : petiolus brevis : abdomen thoracem longitudine adequans, apice sparsè pubescens ; segmentorum margines subtus fuscì : oviductus rufus, subexertus ; tegmina nigro-fusca, apice rufa : pro- et mesotibiæ supra fusco vittatæ : metapedes nigri ; femora et tibiæ apice basique, nec non tarsi omninò rufa. (Corp. long. $1\frac{1}{2}$ — $1\frac{3}{4}$ lin. ; alar. $2\frac{1}{4}$ lin.)

Taken near Paris, by M. F. de Laporte.

GENUS DECATOMA, *Spinola*.

* *Macula stigmatalis sublunaris*.

Sp. 11. Dec. semifasciata. *Fem. Nigra, prothorace flavo bimaculato, antennis fuscis, pedibus flavo cingulatis, alis hyalinis.*

Nigra, obscura, punctata, sparsè pubescens : caput mesothorace paullò angustius : mandibulæ fuscæ : oculi rufo-fuscì, fulvo plus minusve cingulati : ocelli lætè rufi : antennæ fuscæ, subtus flavæ, thoracis dimidio vix longiores ; articuli 1^{us}. 2^{us}. et nonnunquam 3^{us}. supra nigro-fuscì : prothoracis scutelli latera anticè fulvo maculata : squamulæ rufo-fulvæ : petiolus brevis, gracilis : abdomen thorace brevius, glabrum, nitidissimum, immaculatum, basi rufo-fuscum, subtus et apice sparsè pubescens : oviductus subexertus, omninò rufus : pedes nigri, pubescentes ; trochanteres flavì ; pro- et mesofemora fusca, subtus et metafemora quoque apice flava ; pro- et mesotibiæ flavæ, supra fusco vittatæ ; metatibiæ nigro-fuscæ, apice basique flavæ ; tarsi flavì : alæ hyalinæ, iridescentes ; macula in proalis prope stigma fusca, abbreviata, sublunaris, ad costam nigra ; nervi fulvi ; stigma parvum. (Corp. long. $1\frac{1}{3}$ — $1\frac{1}{2}$ lin. ; alar. $2\frac{1}{4}$ — $2\frac{1}{2}$ lin.)

Taken near Paris, by M. F. de Laporte.

Sp. 12. Dec. flavicollis. *Fem. Nigra, flavo variegata, antennis fuscis, prothorace pedibusque flavis, his nigro variegatis, alis hyalinis.*

Nigra, obscura, punctata, vix pubescens : caput thorace latius, subtus flavescens : oculi ocellique rufi : antennæ fuscæ, pubescentes, thorace breviores ; clava flava : prothorax omninò flavus : mesothorax anticè flavo 4-maculatus : squamulæ fuscæ : petiolus mediocris : abdomen thorace vix brevius, glabrum, nitidissimum,

immaculatum: oviductus rufus, subexertus: pedes flavi; metacoxæ, pro- et mesofemora et protibiæ fusco maculata; metafemora apice nigra; meso- et metatibiæ fusca, apice basique flavæ; ungues et pulvilli fusci: alæ hyalinæ; macula in proalis prope stigma fusca, abbreviata, sublunaris, ad costam nigro-fusca; nervi fusci; stigma minimum. (Corp. long. $\frac{2}{3}$ lin.; alar. $\frac{3}{4}$ lin.)

July; on grass in woods; near London.

Family TORYMIDÆ.

GENUS TORYMUS, *Dalman*.

A French species, at least thrice the size of *T. obscurus*, has the sutures between the scutum, and the parapsides of the mesothorax quite distinct.

GENUS MONODONTOMERUS, *Westwood*.

Fem.—Caput mediocre, thorace paullò latius: oculi mediocres: mandibulæ ferè rectæ, intùs emarginatæ, apice dentibus 3 vix acutis armatæ: maxillæ elongatæ, intùs apicem versus in lobum productæ: palpi maxillares ferè filiformes; articuli 1^{us}. et 3^{us}. breves, æquales; 2^{us}. 1^o. paullò longior et crassior; 4^{us}. longus, subfusiformis: mentum conicum, basi subquadratum: labium latum, integrum,^c anticè rotundatum et ciliatum: palpi labiales breves; articulus 1^{us}. mediocris; 2^{us}. parvus; 3^{us}. 1^o. æqualis, ovatus, apice acuminatus: antennæ 13-articulatæ, clavatæ, thorace breviores; articulus 1^{us}. gracilis; 2^{us}. cyathiformis, mediocris; 3^{us}. minimus; 4^{us}. et 6 sequentes æquales, subquadrati, approximati, clava ovata, articulis 2 præcedentibus brevior: thorax elongatus, convexus: prothoracis scutellum magnum, subquadratum: mesothoracis scutum et parapsides maxima, hæ benè determinatæ; scutellum magnum, elongato-ovatum: metathorax mediocris: abdomen sessile, compressum, thorace vix brevius: segmentum 1^{um}. magnum, sequentia breviora: oviductus exertus: metapedes coxis femoribusque magnis, his subtus apicem versus unidentatis.

^c The description of the labium of the *Torymidæ*, in page 115. Vol. I. of the Ent. Mag. is erroneous; it is short and undivided, both in this genus and in *Callinome*. *Perilampus* will form another family.

Sp. 1. Mon. stigma.

Diplolepis stigma . . *Fabr. &c.*

Callimome stigma . . *Ent. Mag.* Vol. I. p. 139. 61.

Sp. 2. Mon. pubescens.

Callimome pubescens. . . *Ent. Mag.* Vol. I. p. 138. 60.

Monodontomerus obscurus . *West. Lond. and Edinb. Phil.*
Mag. Third Series. Vol. II.
p. 443.

Sp. 3. Mon. obsoletus. Fem. *Nigro-viridis, oviductu abdomine brevior, antennis nigris, tibiis tarsis alisque fuscis.*

Ichneumon obsoletus . . *Fabr. Ent. Syst. Suppl.* 230. 218;
Coqueb. Illustr. Icon. I. Tab. 5.
fig. 2.

Diplolepis obsoleta. . . *Fabr. Syst. Piezat.* 150. 10.

Nigro-viridis, obscurus, quasi squameus, pubescens: caput viride: mandibulæ rufo-fuscae: oculi ocellique rufi: antennæ nigrae, pubescentes; articulus 1^{us}. viridi-æneus: prothorax viridis: squamulæ fuscae: abdomen nitens, ferè glabrum, thorace non longius, segmenta basi quasi squamea, apice pubescentia: oviductus rufus, abdomine paullò brevior; tegmina nigra, pubescentia: pedes fusci, pubescentes; coxæ et femora obscurè viridia; tarsi pallidè fusci, apice obscuriores: alæ fuscae; proalæ sub costam obscuriores; nervi fusci; stigma mediocre. (Corp. long. $1\frac{2}{3}$ — $1\frac{3}{4}$ lin.; alar. $2\frac{1}{2}$ — $2\frac{3}{4}$ lin.)

Taken near Paris by M. F. de Laporte.

Sp. 4. Mon. æreus. Fem. *Æneo-viridis, oviductu abdomine multò brevior, antennis nigris, tibiis tarsisque rufo-fuscis, alis hyalinis.*

Æneus, parùm nitens, quasi squameus, pubescens: mandibulæ rufo-fuscae: oculi ocellique rufi: antennæ nigrae, pubescentes; articulus 1^{us}. æneus: squamulæ rufo-fuscae: abdomen æneo-viride, ferè glabrum, apice sparsè pubescens, thorace non longius; segmenta apice ænea: oviductus rufus, abdominis dimidio vix longior; tegmina nigra, pubescentia: pedes rufo-fusci, pubescentes; coxæ et femora obscurè viridi-ænea; tarsi rufi, subtus basi pallidiores, apice obscuriores; alæ hyalinae, iridescentes; nervi

fusci; stigma mediocre. (Corp. long. $1\frac{1}{2}$ — $1\frac{2}{3}$ lin.; alar. $2\frac{1}{4}$ — $2\frac{1}{2}$ lin.)

Var. β .—Caput et prothorax anticè viridi-ænea.

Taken near Paris, by M. F. de Laporte.

GENUS DIOMORUS,^d *Walker*.

Caput transversum, mediocre: oculi mediocres: antennæ 13-articulatæ, subfiliformes, medio frontis insertæ; articulus 1^{us}. gracilis; 2^{us}. parvus, cyathiformis; 3^{us}. minimus; 4^{us}. et 6 sequentes approximati, subæquales; clava conica, articulis 2 præcedentibus brevior: thorax elongato-ovatus, convexus: prothorax mediocris, anticè angustus: mesothoracis scutum magnum; parapsides conspicuæ, suturis distinctis; scutellum, paraptera et epimera benè determinata: metathorax parvus: abdomen elongato-ovatum, sessile, subcompressum, thorace non longius; segmentum 1^{um}. longum, apice librum: oviductus exertus: pedes graciles, subæquales; coxæ mediocres; metafemora subtus apicem versus unidentata; tibiæ apice spinis armatæ; ungues et pulvilli parvi: nervus solitus ramulum emittens perbreve, apice subfurcatum.

Sp. 1. Dio. nobilis. Fem. *Æneo-viridis, antennis nigris, pedibus rufis, alis hyalinis*.

Viridis, nitens, quasi squameus, sparsè pubescens: caput anticè viridi-æneum: oculi ocellique obscurè rufi: antennæ nigræ, pubescentes; articulus 1^{us}. subtus et basi rufus: mandibulæ flavæ: thoracis segmentorum margines ænei: abdomen subtus fulvescens; latera ænea, cupreo maculata: oviductus corpore brevior: pedes rufi, pubescentes; coxæ virides; metafemora viridia, apice basi-que rufa: alæ subhyalinæ, prope costam paullò obscuriores; nervi fusci; stigma parvum. (Corp. long. $1\frac{3}{4}$ lin.; alar. $2\frac{3}{4}$ lin.)

Taken in Birchwood, by Mr. Davis, the end of July.

GENUS CALLIMOME, *Spinola*.

Sp. 62. Callim inconstans. Fem. *Lætè viridis, oviductu corpore multò longiore, antennis nigro-fuscis, pedibus stramineis, alis hyalinis*.

Evania Bedeguaris? *Cuvier, Silbermann. Revue Ent. I. 154.*

Lætè viridis, nitens, quasi squameus, pubescens: caput thorace vix angustius: mandibulæ rufo-fusæ: oculi ocellique obscurè rufi:

^d δ is bis, σ μopos affinis.

antennæ nigro-fuscae, pubescentes; articulus 1^{us}. flavus: caput anticè thoracisque latera æneo-viridia; squamulæ fulvæ: abdomen thorace longius, pubescens, ferè glabrum, apice basique æneo-viride, subtus rufo-fuscum et carinatum; segmenta dorsalia posticè purpureo-cyanea: oviductus corpore multò longior, rufus; tegmina fusca, pubescentia: pedes straminei, pubescentes; coxæ virides, apice flavæ; metafemora flavo cingulata; ungues et pulvilli fusci: alæ hyalinæ; nervi pallidè fusci; stigma minimum. (Corp. long. $1\frac{1}{2}$ — $1\frac{2}{3}$ lin.; alar. $2\frac{1}{2}$ —3 lin.)

Var. β.—Abdominis apex subtus cupreo-æneus.

Var. γ.—Abdomen apice basique viride.

Var. δ.—Metafemora viridi-flavo cingulata.

Taken near Paris, by M. F. de Laporte.

Sp. 63. Callim. lateralis. Fem. *Viridis, oviductu corpore longiore, antennis nigris, pedibus rufis, alis hyalinis.*

Viridis, nitens, quasi squameus, ferè glaber, sparsè pubescens: caput thorace vix angustius: mandibulæ rufo-fuscae: oculi ocellique obscurè rufi: antennæ nigræ, pubescentes; articulus 1^{us}. flavus: thoracis latera viridi-ænea: squamulæ rufæ: abdomen thoracè paullò longius, cupreo-æneum, subtus æneo-viride; segmentum 1^{um}. viride: oviductus rufus, corpore longior; tegmina nigro-fusca, pubescentia: pedes pallidè rufi, pubescentes; coxæ æneo-virides; tarsi pallidè straminei; ungues et pulvilli fusci: alæ hyalinæ, paullò iridescentes; nervi fusci; stigma minimum. (Corp. long. $1\frac{1}{3}$ lin.; alar. $2\frac{1}{2}$ lin.)

Taken near Paris, by M. F. de Laporte.

Sp. 64. Callim. rufipes. Fem. *Viridis, oviductu abdomine longiore, antennis nigris, pedibus rufis, alis subhyalinis.*

Viridis, nitens, quasi squameus, pubescens: caput thorace paullò latius: mandibulæ rufo-fuscae: oculi ocellique obscurè rufi: antennæ nigræ, pubescentes; articulus 1^{us}. nigro-viridis, subtus flavus; 2^{us}. æneus: thoracis segmenta æneo submicantia; squamulæ rufæ: abdomen thorace paullò longius, ferè glabrum, cyaneo cupreoque micans, supra et apice æneum, vix pubescens: oviductus rufus, abdomine longior; tegmina nigra, pubescentia: pedes rufi, pubescentes; coxæ virides; tarsi pallidi, apice fusci: alæ subhyalinæ, iridescentes; nervi fusci; stigma parvum. (Corp. long. $1\frac{1}{4}$ lin.; alar. 2 lin.)

Taken near Paris, by M. F. de Laporte.

Sp. 65. Callim. compactus. Mas et Fem. *Viridis, oviductu corpore vix longiore, antennis fuscis (mas), aut nigris (fem.), pedibus flavis, femoribus viridibus, alis hyalinis.*

Mas.—Brevis, viridis, nitens, quasi squameus, pubescens: caput thorace vix latius, anticè cupreo-æneum: mandibulæ rufo-fuscae: oculi ocellique rufi: antennæ fuscae, pubescentes; articulus 1^{us}. et 2^{us}. viridi-ænei: thoracis latera cupreo-ænea: metathorax splendide cupreus: abdomen thorace brevius, ferè glabrum, cupreo-æneum, supra viridescens: pedes flavi, pubescentes; coxæ et femora nisi ad apices viridia; trochanteres, tarsi apice, ungues et pulvilli fusci: alæ hyalinæ, iridescentes; nervi fulvi; stigma minimum.

Fem.—Antennæ nigræ, graciliores; articuli 1^{us}. et 2^{us}. viridi-ænei: thoracis latera et metathorax æneo-viridia: abdomen thoracem longitudine adequans, æneo-viride, apice sparsè pubescens: oviductus corpore vix brevior, rufus; tegmina nigro-fusca, pubescentia. (Corp. long. $\frac{3}{4}$ —1 lin.; alar. $1\frac{2}{3}$ lin.)

Taken near Paris, by M. F. de Laporte.

Sp. 66. Callim. confusus. Mas. *Cyaneus, abdomine æneo, antennis nigris, tibiis tarsisque fuscis, alis subhyalinis.*

Viridi-cyaneus, nitens, quasi squameus, pubescens, caput mesothorace angustius, anticè viride; vertex purpureo-cyaneus: mandibulæ rufo-fuscae: oculi ocellique obscurè rufi: antennæ nigræ, pubescentes; articulus 1^{us}. viridis: thoracis latera viridia; mesothoracis scutum purpureo-cyaneum; squamulæ rufæ: abdomen thorace brevius, cupreo-æneum, ferè glabrum, apice pubescens; segmentum 1^{um}. viride; pedes fusci, pubescentes; coxæ et femora viridia; metacoxæ purpureo-cyaneæ; pro- et mesofemora apice basique fulva; tarsi pallidè fusci, apice obscuriores: alæ subhyalinæ, iridescentes; nervi fusci; stigma parvum. (Corp. long. $1\frac{1}{4}$ lin.; alar. 2 lin.)

Taken near Paris, by M. F. de Laporte.

GENUS ORMYRUS, *Westwood.*

Sp. 3. Orm. tubulosus. Mas et Fem. *Cyaneus, purpureo et cupreo variegatus, abdomine basi nitente, antennis nigris, pedibus plus minusve fuscis, alis subhyalinis.*

Cinips tubulosa. *Fonscol. Ann. Sci. Nat. XXVI. 290. 18.*

Mas.—Cyaneus, parùm nitens, quasi squameus, pubescens : caput thorace non latius, viride, anticè viridi-æneum : mandibulæ rufo-fuscae : oculi ocellique obscurè rufi : antennæ nigræ, pubescentes, apice fuscae, thorace breviores ; articulus 1^{us}. æneus : thorax subtus glaber, nitidus : mesothoracis latera posticè et metathorax omninò viridia : squamulæ rufo-fuscae : abdomen thorace paullò longius, nigro-cyaneum, obscurum, punctis magnis confertim sparsum ; segmenta apice ænea, læviora ; segmentum 1^{um}. viride, apice æneum, nitens, quasi squameum : pedes cyanei, pubescentes ; trochanteres fusci ; protibiæ fuscae, subtus rufæ ; meso- et metatibiæ nigro-fuscae ; tarsi rufo-fusci, apice fusci ; meso- et metatarsi basi pallidè rufi : alæ griseo-hyalinæ ; nervi fusci ; stigma parvum.

Fem. — Caput viride, anticè aureum : thorax viridis, nitens : prothorax posticè, mesothoracis dorsum et metathoracis latera purpurea : abdomen æneo-cupreum, parùm nitens, quasi squameum, thorace multò longius, apice productum, tubuliforme, acuminatum ; segmentum 1^{um}. nitens, basi glabrum nitidissimum, apice aureum ; 4 sequentia utrinque basi et nonnunquam ferè ad apices cyaneo-viridia, punctata et quasi denticulata : oviductus rufus, non exertus : tibiæ rufæ, supra ad apices fuscae ; tarsi 4 postici basi straminei. (Corp. long. 1—2½ lin. ; alar. 1½—3¼ lin.)

Var. β.—*Mas*, prothorax viridis.

Var. γ.—*Mas*, mesothoracis scutum cyaneo-purpureum.

Var. δ.—*Mas*, thoracis dorsum et abdomen nisi ad basin purpurea.

Var. ε.—*Mas*, caput anticè et metathorax aurea : prothorax viridis : abdominis segmentum 1^{um}. æneum.

Var. ζ.—*Mas*, caput viride, nitens, quò insident antennæ cyaneum : pro- et mesothoracis dorsum et latera ferè omninò purpurea.

Var. η.—*Mas*, caput et thorace viridia : mesothorax nisi ad scutelli apicem purpureus.

Var. θ.—*Fem.* abdominis segmentum 1^{um}. cupreum, basi æneo-viride.

Var. ι.—*Fem.* prothorax supra cyaneus.

Var. κ.—*Fem.* tibiæ fuscae, protibiæ apice rufæ.

Var. λ.—*Fem.* oculi ocellique lætè rufi : abdomen obscurè cupreum ; segmentum 1^{um}. viride ; 4 sequentia utrinque basi purpureo-cyanea ; meso- et metatibiæ nigro-fuscae.

Reared by M. F. de Laporte, from galls attached to the bark of oak trees near Paris.—A smaller gall found in the

same situations, has produced *O. punctiger*, which is probably parasitic upon *Cynips megaptera*, (Pz.) an inhabitant of the same galls, during its larva and pupa state.

GENUS PERILAMPUS, *Latreille*.

Sp. 7. Peril. nitens. Fem. *Cyaneo-viridis, antennis nigris, tarsi rufis, proalis latè fusco fasciatis*.

Cyaneo-viridis, nitens, scaberrimus, pubescens: caput anticè et utrinque ferè glabrum; latera striata: mandibulæ rufæ: oculi fusci: ocelli rufo-fusci: antennæ nigræ, subtus nigro-fuscae, fusco pubescentes; articulus 1^{us}. nigro-viridis, nitidus, apice basique rufo-fuscus: prothoracis latera, mesothoracis paraptera et epimera mesothoracisque scutum et scutellum æneo-viridia: mesothoracis scutellum tuberculatum: squamulæ rufo-fuscae: abdomen glabrum, nitidissimum, subtus viridi-æneum et pubescens: pedes cyaneo-virides, pubescentes; genua fusca; protibiæ subtus rufo-fuscae; tarsi rufi; ungues et pulvilli fusci: alæ hyalinæ; proalæ medio fuscae; nervi nigro-fusci; stigma parvum. (Corp. long. $2\frac{1}{4}$ lin.; alar. $3\frac{1}{2}$ lin.)

Taken near Paris, by M. F. de Laporte.

Sp. 8. Peril. antennatus. Mas. *Viridis, abdomine nigro-æneo, antennis nigris crassis, alis subfuscis*.

Obscurè viridis, nitens, scaberrimus, pubescens; caput anticè et utrinque ferè glabrum; latera striata: mandibulæ rufæ: oculi fusci: ocelli rufo-fusci: antennæ maximæ, nigræ, pubescentes; articulus 1^{us}. nigro-viridis, nitidus: capitis thoracisque latera mesothoracisque scutellum æneo-viridia, hoc tuberculatum: squamulæ rufo-fuscae: abdomen cupreo-æneum, glabrum, parùm nitidum, sparsè pubescens, apice latè æneum et nitidissimum: pedes virides, pubescentes; genua rufo-fusca; protibiæ subtus rufæ; tarsi rufi: alæ sub-fuscae; proalæ sub-costam obscuriores; nervi nigro-fusci; stigma parvum. (Corp. long. $1\frac{3}{4}$ lin.; alar. 3 lin.)

Taken near Paris, by M. F. de Laporte.

Sp. 9. Peril. violaceus. Fem. *Viridi-æneus, abdomine cyaneo, antennis^e protibiis tarsisque rufis, alis hyalinis*.

*Réaum. Mém. Insect. II. Pl. 37.
fig. 11, 12.?*

* *Maris* antennæ nigro-fuscae.

- Chalcis violacea *Panz. Faun. Insect.* 88. 15.
Diplolepis violacea . . *Fabr. Syst. Piezat.* 149. 4.
Cynips violacea *Latr. Hist. Nat. des Insect.* XIII.
222. 3.
Cinipsillum violaceum . *Lam. Anim. sans Vertèbr.* IV. 157.
Perilampus violaceus . *Lat. Gén. Crust. et Insect.* IV. 30.;
Dalm. Stockh. Trans. 1822. 398.;
Encycl. Méthod. X. 66.; *Fonscol.*
Ann. Sci. Nat. XXVI. 300. 2.
Diplolepis ruficornis . *Fabr. Syst. Piezat.* 149. 1.; *Coqueb.*
Illustr. Icon. I. Tab. 1. fig. 8.
Cynips ruficornis . . . *Latr. Hist. Nat. des Insect.* XIII.
222. 2.
Perilampus ruficornis . *Latr. Gén. Crust. et Insect.* IV. 30.;
Fonscol. Ann. Sci. Nat. XXVI.
300. 3.

Obs.—*P. nigricornis* and *P. pallipes* are probably only varieties of the male and female of this species.

Obscurè æneo-viridis, parùm nitens, scaberrimus, pubescens : caput anticè et utrinque ferè glabrum ; latera striata ; frons nigro-viridis : mandibulæ rufo-fuscæ : oculi fusci : ocelli obscurè rufi : antennæ rufæ, pubescentes, apice fuscæ ; articulus 1^{us}. ater, nitidus ; 2^{us}. fuscus : squamulæ rufo-fuscæ : mesothoracis scutellum tuberculatum : metathorax nigro-viridis : abdomen cyaneum, glabrum, nitidissimum : pedes cyanei, pubescentes ; genua rufo-fusca ; tibiæ subtus apice fuscæ ; tarsi rufi : alæ subhyalinæ ; proalæ sub-costam obscuriores ; nervi fusci ; stigma parvum. (Corp. long. $1\frac{1}{3}$ —2 lin. ; alar. $2\frac{1}{2}$ — $3\frac{1}{2}$ lin.)

Var β.—Mesothoracis scutellum nigro-viride: abdominis latera cupreo maculata; protibiæ supra apice et subtus omninò fuscae.

Var. γ.—Caput supra thoracisque dorsum ænea.

Taken near Paris, by M. F. de Laporte.

Sp. 10. Peril. auratus. Fem. *Lætè aureus, thorace pedi-
busque cyaneis, antennis tarsisque rufis, alis albis.*

Cynips aurata . . . *Pans. Faun. Insect.* 51. 1.

Perilampus auratus . *Dalm. Stockh. Trans.* 1822. 397.

Perilampus chrysis . *Fonscol. Ann. Sci. Nat.* XXVI. 301. 4.

Auratus, nitens, scaberrimus, sparsè pubescens : caput ferè glabrum, anticè et utrinque cupreo-auratum ; latera striata : mandibulæ

rufo-fuscae: oculi fusci: ocelli obscure rufi: antennae rufae, vix pubescentes; articulus 1^{us}. viridis, nitidus; 2^{us}. fuscus: thorax cyaneus: pro- et mesothorax viridi, hic quoque purpureo variegati: squamulae rufo-fuscae: mesothoracis scutellum tuberculatum, apice bidentatum: abdomen glabrum, nitidissimum, apice aureo-viride: pedes cyanei, pubescentes; femora purpureo notata; genua rufo-fusca; tibiae aeneo-fuscae, apice et subtus pallidiores; tarsi rufi: alae albo-hyalinae; nervi pallide fusci; stigma parvum. (Corp. long. 1½ lin.; alar. 2½ lin.)

Taken near Paris, by M. F. de Laporte.

Sp. 11. Peril. splendidus. Mas et Fem. *Cyaneo-viridis, thorace cupreo, antennis nigris, tarsis flavis, alis subhyalinis.*

Diplolepis Italicus . . . *Panz. Faun. Insect.* 100. 16.

Perilampus splendidus . . . *Dalm. Stockh. Trans.* 1822. 397.

Perilampus Italicus . . . *Fonscol. Ann. Sci. Nat.* XXVI. 300.

Evania cocorum . . . *Cuvier. Silbermann, Revue Ent.* I. 153.

P. Italico simillimus, cyaneus, nitens, scaberrimus, pubescens: caput viridi-cyaneum, anticè et utrinque ferè glabrum; latera striata; frons viridis: mandibulae rufo-fuscae: oculi fusci: ocelli obscure rufi: antennae nigrae, pubescentes; articuli 1^{us}. et 2^{us}. virides, glabri: thorax splendide cupreus, subtus obscurior; squamulae rufo-fuscae: mesothoracis scutellum tuberculatum, apice bidentatum; metathorax viridis: abdomen glabrum, nitidissimum, subtus aeneo-viride, apice cyaneo-viride et pubescens, *maris* basi nigro-cyaneum: pedes viridi-cyanei, pubescentes; genua fusca; tibiae nigro-virides, subtus et apice rufo-fuscae; tarsi rufi: alae subhyalinae; proalae sub-costam obscuriores; nervi fusci; stigma parvum. (Corp. long. 1¾—2 lin.; alar. 2¾—3¼ lin.)

Var. β.—*Fem.* caput viride, anticè cupreum: abdomen viride, subtus cupreum: femora aeneo-viridia.

Taken near Paris, by M. F. Laporte.

Sp. 12. Peril. laevifrons. Mas et Fem. *Nigro-aeneus, antennis nigro-fuscis, tarsis rufis, alis hyalinis.*

Perilampus laevifrons . . . *Dalm. Stockh. Trans.* 1822. 399.

Nigro-aeneus, parùm nitens, scaber, sparse pubescens: caput nigrum, anticè nigro-aeneum glabrum nitidissimum: mandibulae rufo-fuscae: oculi ocellique obscure fusci: antennae graciles, pubescentes, nigro-fuscae, apice subtus pallidiores; articulus 1^{us}. nigro-aeneus,

nitidus: squamulæ rufo-fuscae: mesothoracis scutellum tuberculatum: abdomen glabrum, nitidissimum: pedes nigro-virides; trochanteres fusci; tibiæ apice et subtus rufo-fuscae; tarsi rufi: alæ hyalinæ: nervi fusci: stigma parvum. (Corp. long. $1\frac{1}{4}$ — $1\frac{1}{2}$ lin.; alar. 2— $2\frac{1}{2}$ lin.)

Taken near Paris, by M. F. de Laporte.

Family MISCOGASTERIDÆ.^f

GENUS DIPARA, *Walker*.

Nervus solitus costam per omnem per ejus longitudinem percurrens non ut *Chalciditum* plerisque basi subcostalis.

Sp. 2. Dip. cinetoïdes. Mas. *Atra*, *antennis nigro-fuscis*, *petiolo pedibusque flavis*, *alis pallidè fulvis*.

D. petiolato nimis affinis; statura multò majore, abdomine longiore differt: ater, parùm nitens, subtiliter punctatus: oculi ocellique obscurè rufi: antennæ nigro-fuscae; articulus 1^{us}. omninò, 2^{us}. apice, 3^{us}. que basi subtus flavi: mesothoracis paraptera magna: metathorax scaber, non canaliculatus: petiolus flavus, apice crassior, abdominis dimidio paullò longior: abdomen ovatum, nitidum, glabrum; segmentum basale maximum, ejus dimidium occupans; sequentia parva, subæqualia: pedes omninò flavæ; metacoxæ elongatæ: alæ pallidè fulvæ, ciliatæ; nervi fulvi; stigma parvum. (Corp. long. 1 lin.; alar. $1\frac{2}{3}$ lin.)

Taken near Darlington, in Durham, by the Rev. G. T. Rudd, who observed to me that the abdomen was formed as in *Cinetus*, which it also resembles in some other characters, but has most affinity to the *Chalcidites*.

GENUS MERISUS,^g *Walker*.

Fem.—Caput magnum, thorace latius: oculi mediocres: antennæ 12-articulatæ, subfusiformes, thorace breviores; articulus 1^{us}. gracilis; 2^{us}. brevi-cyathiformis; 3^{us}. et sequentes ad 9^{um}. paulatim graciliores; clava acuminata, articulis 2 præcedentibus paullò longior: thorax elongatus: prothoracis scutellum magnum, subquadratum: mesothoracis scutum magnum; parapsidum suturæ vix conspicuæ; scutellum convexum, ovatum: meta-

^f The name *Miscogaster* (Ent. Mag. Vol. I. p. 458.) must fall; the genus had already been described by Mr. Westwood (Magazine of Nat. Hist. No. XXXII. p. 121.) under the name of *Lamprotatus*.

^g μέγος pars, ἴσος æqualis.

thoracis scutellum magnum: petiolus brevissimus, latus: abdomen elongato-ovatum, convexum; segmentum 1^{um}. mediocre; 2^{um}. breve; 3^o ad 5^{um}. longitudine crescentia; 6^{um}. 5^o. paullo brevius: oviductus non exertus: pedes simplices; coxæ parvæ; femora subclavata; tibiæ rectæ; tarsi graciles; ungues et pulvilli parvi: alæ mediocres; nervus solitus simplex; stigma vix bifurcatum.

Sp. 1. Mer. splendidus. Fem. *Cyaneo-viridis, abdomine purpureo-æneo, antennis fuscis, pedibus stramineis, alis albis.*

Viridis, nitens, quasi squameus: caput cyaneo-viride: oculi ocellique obscurè rufi; antennæ fuscæ, subtus et apice flavæ: squamulæ flavæ: abdomen purpureo-æneum, nitidum, glabrum, sparsè pubescens: segmentum 1^{um}. viride; sequentia apice cyanea: pedes straminei; coxæ virides; trochanteres fusco maculati; femora viridi fasciata; tarsi apice fulvi; ungues et pulvilli fuscii: alæ albæ; nervi flavi; stigma parvum. (Corp. long. 1½ lin.; alar. 2 lin.)

July; south of France.

Family ORMOCERIDÆ.

Corpus multiforme: caput transversum, nonnunquam anticè subproductum: oculi mediocres, laterales: ocelli supra verticem trigonè dispositi: os parvum: mandibulæ subquadratae, sæpe dissimiles: maxillæ elongatæ, graciles, subarcuatæ, intùs apicem versus in lobum productæ: palpi maxillares articulis 4; 1^{us}., 2^{us}. et 3^{us}. subæquales; 4^{us}. longior: mentum obconicum, aut ferè rotundum: labium fissum; latera apice convenientia: palpi labiales 3-articulati, breves, lati; articulus 1^{us}. mediocris; 2^{us}. brevior; 3^{us}. longior: antennæ 12- 13-articulatæ, frontis basi insertæ, plus minusve moniliformes; articulus 1^{us}. longus, gracilis; 2^{us}. brevis, cyathiformis; 3^{us}. et 4^{us}. minimi: thorax ovatus: pro- et metathorax parvi: pectus parvum: abdomen sessile, sæpe compressum, plerumque longius quàm latum, supra planum, fem. subtus carinatum; segmenta ventralia vix conspicua: pedes simplices, subæquales; coxæ parvæ; tibiæ rectæ, apice spinis armatæ; tarsi graciles, apice spinis armati, articuli 1^o. ad 4^{um}. longitudine decrescentes, 5^{us}. 4^o. longior; ungues et pulvilli parvi: alæ plerumque latæ; nervus solitus costam ante alæ medium attingens et mox ramulum stigmaticalem sat longum emittens: metalæ nervo unico, simplici, subcostali, costæ medium attingente.

Obs.—*Ormocerus*, *Glyphe*, and *Gastrancistrus*, are the only genera whose mouths I have examined. The labium is divided like that of *Perilampus*.

Characteres Generum.

Abdomen	{	non compressum.	{	convexus	{	trigono	{	13. . .	{	1. ORMOCERUS.
men	{	compres- sum.	{	Antennæ. articulo ultimo	{	aut rotun- dato,	{	elongato, acumi- nato.	{	2. MICRADELUS.
	{	Thorax.	{		{		{	Fem. ab- domen apice brevi	{	3. GLYPHE.
	{		{		{		{	cornu ar- matum. inermes	{	4. GASTRANCISTRUS.
	{		{		{		{	setiformi.	{	5. MEROMALUS.
	{		{		{		{	planus.	{	6. RHAPHITELUS.
	{		{		{		{		{	7. PSILONOTUS.

GENUS I. ORMOCERUS,^h *Walker*.

Caput mediocre, thorace paullò latius: palpi maxillares graciles, apice paullò crassiores: antennæ 13-articulatæ, corpore multò breviores, submoniliformes, clavatæ aut subfiliformes, pubescentes; articuli 5^o ad 10^{um}. breves, subæquales; clava articulis 2 præcedentibus longior et paullò latior, apice acuminata: thorax supra convexus; mesothoracis scutum magnum; parapsides benè determinatæ, suturis distinctis; paraptera, epimera et scutellum magna, hoc semiovatum: abdomen ovatum, thorace paullò longius, apice acuminatum; segmentum 1^{um}. longum; sequentia breviora, subæqualia; segmenta ventralia haud conspicua: oviductus non exertus: nervus solitus ante costam attingit nervulum rejiciens brevissimum; stigma nervulum brevissimum emittens.

Sp. 1. *Orm. latus*. Mas. *Viridis, abdomine cupreo, antennis nigro-fuscis, pedibus viridibus, alis subfuscis*.

Oculi ocellique obscure rufi: antennæ nigro-fuscae, subclavatæ, corporis dimidio vix longiores; articulus 1^{us}. viridis: thorax nitidus, ferè glaber: mesothorax apice et metathorax æneo-virides: abdomen thorace brevius, cupreum, basi æneum: pedes virides; trochanteres fusci; genua flava; tarsi nigro-fusci: alæ subfuscae; nervi fulvo-fusci; stigma parvum. (Corp. long. $\frac{2}{3}$ lin.; alar. 1 lin.)

Var. β.—Abdomen basi æneo-viride: tarsi fusci.

June; on grass beneath trees; near London.

^h ὄρμος monile, κέρα cornu.

Sp. 2. Orm. simplex. Mas. *Viridis aut cyaneo-viridis, abdomine cupreo, antennis nigro-fuscis, pedibus viridibus, alis hyalinis.*

Cyaneo-viridis: oculi ocellique obscurè rufi: antennæ subfiliformes, nigro-fuscæ; articuli 1^{us}. et 2^{us}. nigro-virides: thorax nitidus, ferè glaber; mesothoracis scutellum obscurè cupreum: abdomen cupreum, viridi marginatum: pedes virides; trochanteres, protibiæ et protarsi fusca; genua flava; meso- et metatarsi straminei, apice fusci: alæ hyalinæ; nervi fusci; stigma parvum. (Corp. long. $\frac{2}{3}$ lin.; alar. $\frac{3}{4}$ lin.)

Var. β .—Viridis: abdomen cupreum, basi viride.

June; on grass in woods; near London. New Forest, Hampshire.

Sp. 3. Orm. vernalis. Fem. *Viridis, thorace posticè abdomineque cupreis, antennis nigris, pedibus viridibus, alis subfuscis, proalis fusco maculatis.*

Viridis, nitens: oculi ocellique obscurè rufi: mandibulæ subarcuatæ, breves; una tridentata, dente externa arcuata acuta, interna lata obtusa; altera 4 dentata, dentibus omnibus acutis: antennæ nigræ, clavatæ, corporis dimidio breviores; articulus 1^{us}. viridis: mesothoracis scutum et parapsides cupreo vittata; scutellum, paraptera, epimera et metathorax omninò cuprea: abdomen purpureo-cupreum, basi cupreo-viride: pedes virides; trochanteres et genua fusca; tarsi nigri: alæ subfuscæ; proalæ maculâ magna oblonga subcostali; nervi fusci; stigma parvum; metalæ nervo apicem versus crasso, pallido. (Corp. long. $\frac{3}{4}$ —1 lin.; alar. 1—1 $\frac{1}{2}$ lin.)

Var. β .—Mesothoracis vittæ diffusæ, vix distinctæ.

Var. γ .—Proalarum maculæ bipartitæ.

Var. δ .—Abdomen viridi-æneum.

Var. ϵ .—Thorax omninò viridis: proalarum maculæ ferè obsoletæ.

Sp. 4. Orm. maritimus. Fem. *Viridi-cupreus, antennis nigris, pedibus nigro-fuscis, alis fuscis.*

Viridi-cupreus, punctatus, obscurus: oculi ocellique obscuri rufi: antennæ nigræ; articulus 1^{us}. nigro-æneus: mandibulæ similes, subarcuatæ, apice dentibus 4 acutis armatæ: metathoracis scutellum tuberculatum: abdomen cupreum, glabrum, nitens, basi angustum; segmentum 1^{um}. viridi fasciatum: pedes nigri, pubes-

centes; coxæ nigro-virides; femora rufo-fusca; tarsi fusci: alæ fuscae, proalæ sub costa obscuriores; nervi fusci; stigma parvum. (Corp. long. $1-1\frac{1}{2}$ lin.; alar. $1\frac{1}{2}-2$ lin.)

Var. β.—Abdomen apice viride.

On plants by the sea-shore; June, near Lymington, in Hampshire; September, Isle of Wight.

GENUS II.—MICRADELUS,ⁱ Walker.

Corpus triplò longius quam latum: caput mediocre, thorace non latius: antennæ 12-articulatæ, corporis dimidio paullò breviores, clavatæ, apice acuminatæ, pubescentes; articuli 5^o. ad 9^{um}. subcyathiformes; clava acuminata, articulis 2 præcedentibus longior et latior: thorax convexus: mesothoracis scutum magnum; parapsides benè determinatæ, suturis distinctis; paraptera et epimera magna; scutellum magnum, semi-ovatum: abdomen breve, ferè rotundum: oviductus non exertus: nervus solitus ante costam attingit nervulum rejiciens brevem; stigma nervulum brevem emittens.

Sp. 1. Micr. rotundus. Mas et Fem. Ater, antennis pedibusque nigris, alis fuscis.

Ater, nitidus, ferè glaber: oculi ocellique obscurè rufi: antennæ nigrae, *fem.* crassæ: abdomen *maris* brevi-ovatum, *fem.* subrotundum: pedes nigri; genua fusca; *fem.* progenua flava; tarsi *maris* nigro-fusci, *fem.* fusci apice obscuriores: alæ fuscae; nervi obscuriores; stigma parvum. (Corp. long. $\frac{1}{3}-\frac{1}{2}$ lin.; alar. $\frac{1}{2}-\frac{3}{4}$ lin.)

September; Isle of Wight.

GENUS III.—GLYPHE,^k Walker.

Fem.—Caput mediocre, thorace vix latius: antennæ 12-articulatæ, corporis dimidio non longiores, subclavatæ, pubescentes, submoniliformes; articuli 5^o. ad 9^{um}. subæquales, discreti; clava articulis 2 præcedentibus longior et multò latior, ovata, apice acuminata: mandibulæ dissimiles; una arcuata, dentibus 4 acutis armata; altera ferè recta, inermis: pro- et metathorax minimi:

ⁱ μικρός, parvus, ἄδηλος obscurus.

^k γλυφή, sculptura.

mesothoracis scutum maximum; parapsides optimè determinatæ, valde convexæ; scutellum magnum, convexum: abdomen elongato-ovatum, subcompressum, apice acuminatum, inerme; segmenta subæqualia: oviductus non exertus: alæ amplæ; stigma nervulum brevissimum emittens.

Sp. 1. Gly. autumnalis. Fem. *Æneo-viridis, antennis fuscis, pedibus stramineis, alis hyalinis.*

Æneo-viridis, nitida, ferè glabra: oculi ocellique obscurè rufi: antennæ fuscae, corporis dimidio non longiores; articulus 1^{us}. rufus: thorax posticè cupreo-æneus: abdomen thorace longius et angustius: pedes straminei; coxæ æneo-virides; femora viridia, apice basique straminea; tarsi apice nigro-fusci: alæ hyalinæ; nervi fulvi; stigma parvum. (Corp. long. $1\frac{1}{4}$ — $1\frac{1}{2}$ lin.; alar. $1\frac{3}{4}$ —2 lin.)

October; on flowers of the ivy; near London.

GENUS IV.—GASTRANCISTRUS, *Westwood.*

Caput plerumque thorace latius, anticè subproductum: *maris* antennæ 13-articulatæ, corporis dimidio longiores, moniliformes, latæ, apice acuminatæ; articuli 6°. ad 10^{um}. subæquales, discreti; clava valdè acuminata, articulis 2 præcedentibus vix longior: *fem.* antennæ paullò breviores, 12-articulatæ, subclavatæ, submoniliformes; articuli 5°. ad 9^{um}. subæquales, vix discreti; clava conica, articulis 2 præcedentibus longior et latior: mandibulæ similes, subarcuatæ, apice dentibus 4 parvis acutis armatæ: thorax convexus; mesothoracis scutum magnum; parapsides optimè determinatæ; paraptera et epimera magna, trigona; scutellum magnum, angustum: *maris* abdomen subcompressum, thorace paullò brevius et angustius, sublineare, apice latius, supra basin versus canaliculatum; segmenta subæqualia: *fem.* abdomen thorace paullò longius, acuminatum, apice supra cornu minuto armatum; latera elevata: oviductus plus minusve exertus: alæ latæ; nervus solitus ante costam attingit nervulum rejiciens brevissimum; stigma nervulum brevissimum emittens.

Sp. 1. Gast. fuscicornis. Mas. *Ater, antennis fuscis, pedibus flavis fusco cingulatis, alis hyalinis.*

Æneo-ater, nitidus, ferè glaber: caput magnum: oculi ocellique obscurè rufi: antennæ fuscae; articulus 1^{us}. ater, basi apiceque

fuscus : metathorax obscure viridis : abdomen subcompressum, basi obscure viride : pedes flavi ; coxæ nigræ ; femora nigro-fusco fasciata ; metafemora nigro-fusca, basi apiceque flava ; metatibæ fusco fasciatae ; tarsi apice fusi : alæ hyalinæ ; nervi nigro-fusci ; stigma parvum. (Corp. long. $\frac{1}{2}$ — $\frac{2}{3}$ lin. ; alar. $\frac{2}{3}$ — $\frac{3}{4}$ lin.)

Var. β.—Femora omnia nigro-fusca, basi apiceque flava.

Var. γ.—Pro- et mesotibiæ fulvæ, basi apiceque flavæ.

June and July ; on grass beneath trees ; near London.

Sp. 2. Gast. compressus. Mas. Obscurè viridis, antennis fuscis, pedibus flavis, femoribus nigris, alis hyalinis.

Obscurè viridis, nitidus, ferè glaber : caput magnum : oculi ocellique obscure rufi : antennæ fuscae ; articulus 1^{us}. obscure viridis : mesothoracis scutellum viridi-æneum : abdomen æneum, basi viride, valdè compressum : pedes flavi ; coxæ virides ; trochanteres fusi ; femora nigra, apice flava ; protarsi fulvi ; meso- et metatarsi straminei, apice fulvi : alæ hyalinæ ; nervus solitus fuscus, ubi costam percurrit latus ; stigma parvum. (Corp. long. $\frac{2}{3}$ — $\frac{3}{4}$ lin. ; alar. $\frac{3}{4}$ —1 lin.)

Var. β.—Mesothoracis scutellum cupreo-æneum.

Var. γ.—Pro- et mesofemora flava, subtus per longum nigro maculata.

Var. δ.—Abdomen basi cyaneo-viride.

June ; on grass beneath trees ; near London.

Sp. 3. Gast. tenuicornis. Mas et Fem. Æneo-viridis, antennis fuscis, pedibus flavis fusco cingulatis, alis subfuscis.

Mas.—Obscurè æneo-viridis : oculi ocellique rufi : antennæ fuscae, subtus flavæ ; articulus 1^{us}. nigro-viridis ; 2^{us}. nigro-fuscus : pedes flavi ; coxæ nigro-virides ; femora fusca, apice basique flava ; metatibiæ fuscae ; tarsi apice fusi : alæ subfuscae ; nervi fusi ; stigma mediocre.

Fem.—Obscurè viridis ; metathorax nitidior : abdomen obscure æneum, basi viride : antennæ nigro-fuscae ; articulus 1^{us}. niger : oviductus brevis. (Corp. long. $\frac{1}{2}$ lin. ; alar. $\frac{2}{3}$ lin.)

Var. β.—*Mas*, caput mesothoracisque latera viridia : pro- et mesotibiæ fusco-fulvæ.

May ; on grass beneath trees ; near London.

Sp. 4. Gast. vagans. Fem. *Æneo-viridis, antennis pedibusque fuscis, his viridi flavoque variegatis, alis subhyalinis.*

Gastrancistrus vagans. *Westwood, Lond. and Edinb. Phil. Mag. Third Series. Vol. II. No. XII. p. 444.*

Caput viride, mediocre, thorace vix latius: oculi ocellique rufi: antennæ fuscæ; articulus 1^{us}. viridis aut viridi-fuscus; 5^{us}. et 4 sequentes breves, cyathiformes; clava articulis 2 præcedentibus paullò longior et multò latior: mesothoracis scutellum obscurè cupreum: abdomen compressum, cupreo-æneum, nitens, basi æneo-viride, apice cornu brevi setigero armatum: oviductus abdominis dimidio longior, fulvus; tegmina nigro-fusca: pedes fuscii; coxæ virides; femora viridi latè cingulata; pro- et mesotibiæ flavæ; tarsi flavi, apice fuscii: alæ subhyalinæ; nervi pallidè fuscii; stigma parvum. (Corp. cum ovid. long. $\frac{3}{4}$ —1 lin.; alar. $\frac{3}{4}$ —1 lin.)

Var. β .—Meso- et rariùs protibiæ fusco-cingulatæ.

Var. γ .—Thorax anticè viridis: abdomen viride, apice æneum.

Var. δ .—Thorax æneus; mesothoracis scutellum obscurè cupreum.

May; on grass in woods; near London.

Sp. 5. Gast. viridis. Fem. *Viridis, antennis nigro-fuscis, pedibus flavis viridi fuscoque variegatis, alis subhyalinis.*

Lætè viridis; oculi ocellique rufi: antennæ nigro-fuscæ; articulus 1^{us}. nigro-viridis: pedes fuscii; coxæ virides; femora viridia, basi apiceque flava; tarsi flavi, apice fuscii: abdomen compressum: oviductus abdominis dimidio longior: alæ subhyalinæ; nervi fuscii; stigma mediocre. (Corp. long. $\frac{3}{4}$ lin.; alar. $\frac{3}{4}$ lin.)

Var. β .—Mesothoracis scutellum basi viridi-æneum.

Taken near Darlington, in Durham, by the Rev. G. T. Rudd.
May; on grass in woods; near London.

Sp. 6. Gast. atro-purpureus. Mas. *Atro-purpureus, antennis nigro-fuscis, pedibus fuscis, alis subhyalinis.*

Caput magnum, thorace latius: oculi ocellique obscurè rufi: antennæ nigro-fuscæ; articulus 1^{us}. ater: abdomen subcompressum: pedes nigro-fuscii; coxæ nigræ; femora basi genuaque flava;

tarsi fusci : alæ subhyalinæ ; nervi fusci ; stigma mediocre.
(Corp. long. $\frac{2}{3}$ lin. ; alar. $\frac{3}{4}$ lin.)

June ; on grass beneath trees ; near London.

Sp. 7. Gast. laticornis. Mas et Fem. *Cupreo-ater, viridi variegatus, antennis nigro-fuscis, pedibus fuscis, alis subfuscis.*

Mas.—Caput æneo-atrum : oculi ocellique obscurè rufi : antennæ nigro-fuscae ; articulus 1^{us}. ater : thorax obscurè viridis ; dorsum cupreo-atrum : abdomen nigro-æneum, basi obscurè viride : pedes fusci ; coxæ nigræ ; femora nigro-fusca, apice flava ; tarsi fusci, ante apices plus minusve flavi : alæ subfuscae ; nervi fusci ; stigma parvum.

Fem.—Obscurè cupreo-ater : abdomen basi viride : oviductus abdomine triplò brevior : protibiæ flavo-fuscae ; tarsi omninò fusci. (Corp. long. $\frac{2}{3}$ — $\frac{3}{4}$ lin. ; alar. $\frac{3}{4}$ lin.)

June : on grass beneath trees ; near London.

Sp. 8. Gast. tenebricosus. Mas. *Æneus, antennis nigris, pedibus alisque fuscis.*

Oculi ocellique obscurè rufi : antennæ nigræ ; articulus 1^{us}. nigro-æneus : mesothorax disco cupreo-æneo, anticè utrinque et metathorax virides : abdomen compressum, basi viride : pedes fusci ; coxæ et femora nigro-viridia ; genua flava, tarsi flavi, apice fusci : alæ fuscae ; nervus solitus obscurior, ubi costam percurrit latus ; stigma mediocre. (Corp. long. $\frac{2}{3}$ lin. ; alar. $\frac{3}{4}$ lin.)

June ; on grass beneath trees ; near London.

Sp. 9. Gast. fumipennis. Mas et Fem. *Viridis, abdomine æneo, antennis nigris, pedibus plus minusve fuscis, alis fuscis.*

Viridis : oculi ocellique rufi : antennæ nigræ ; articulus 1^{us}. viridis, basi fulvus : thoracis segmentorum margines æneo-virides : *maris* abdomen apice pilosum ; segmenta basi medioque omninò ænea ; latera basi cyaneo-viridia : *fem.* abdomen viride : oviductus subexertus : pedes fulvi ; coxæ virides ; *maris* femora nigro-fusco cingulata ; *fem.* femora nigro-viridi cingulata ; tarsi fusci, basi fulvi, apice nigri : alæ fuscae ; nervi nigro-fusci ; stigma mediocre. (Corp. long. $\frac{2}{3}$ — $\frac{3}{4}$ lin. ; alar. $\frac{3}{4}$ —1 lin.)

Var. β. — *Mas*, lætè cyaneo-viridis : abdomen æneo fasciatum : femora viridi-fusco fasciata ; genua flava.

Var. γ. — *Mas*, lætè cyaneo-viridis ; mesothoracis scutellum et paraptera ænea : abdomen basi et apice æneo-viride.

Var. δ. — *Mas*, abdomen viridi-æneum, basi lateribusque cyaneo-viridibus ; tibiæ fusco-cingulatæ ; tarsi omninò fuscii.

Var. ε. — *Mas*, viridis : capitis vertex thoracisque discus viridi-ænei : abdomen indistinctè æneo fasciatum : pedes fuscii ; femora fulva, nigro-viridi fasciata.

June ; on grass beneath trees ; near London.

Sp. 10. Gast. unicolor. Mas. Viridis, antennis nigris, pedibus flavis, alis subfuscis.

Viridis, unicolor : oculi ocellique rufi : antennæ nigræ ; articulus 1^{us}. fuscus, apice niger : mandibulæ flavæ : abdomen apice pilosum : pedes flavi ; coxæ virides ; ungues et pulvilli fuscii : alæ subfuscae ; nervi fuscii ; stigma mediocre. (Corp. long. $\frac{2}{3}$ — 1 lin. ; alar. $\frac{3}{4}$ — $1\frac{1}{4}$ lin.)

June ; on grass beneath trees ; near London.

Sp. 11. Gast. obscurellus. Mas. Viridis, æneo-variegatus, antennis nigris, pedibus fuscis, alis subfuscis.

Viridis : oculi ocellique rufi : antennæ nigræ ; articulus 1^{us}. nigro-viridis : capitis vertex thoracisque discus ænei : abdomen nigro-æneum, subcompressum : pedes fuscii ; coxæ virides ; trochanteres et genua flava ; protibiæ flavæ, supra fuscae ; tarsi fulvi, apice fuscii : alæ subfuscae ; nervi fuscii ; stigma mediocre. (Corp. long. $\frac{1}{2}$ lin. ; alar. $\frac{2}{3}$ lin.)

June ; on grass beneath trees ; near London.

Sp. 12. Gast. vulgaris. Mas et Fem. Viridis, antennis nigro-fuscis, pedibus flavis, alis subhyalinis.

Mas. — *Viridis*, nitens, ferè glaber : oculi ocellique rufi : antennæ nigræ, apice nigro-fuscae ; articulus 1^{us}. nigro-viridis : mesothoracis scutellum æneo-viride : abdomen apice pilosum, æneum, basi apiceque viride : pedes flavi ; coxæ virides ; profemora fusco, mesofemora viridi-fusco, metafemora nigro-viridi cingulata ; metatibiæ fulvæ, basi apiceque flavæ ; tarsi apice fuscii : alæ subhyalinae ; nervi fuscii ; stigma mediocre.

Fem.—Antennæ nigræ; articulus 1^{us}. fulvus: mesothoracis discus æneo-viridis: abdomen viride, fasciis indistinctis maculisque lateralibus æneis: oviductus subexertus: pedes flavi; coxæ virides; femora fusco cingulata; ungues et pulvilli fusci. (Corp. long. $\frac{2}{3}$ —1 lin.; alar. $\frac{3}{4}$ —1 $\frac{1}{4}$ lin.)

Var. β.—*Mas*, mesothoracis scutellum viride: abdomen viride; discus æneus: femora omnia viridi-fusco cingulata.

Var. γ.—*Mas*, antennæ omninò nigræ: femora nigro cingulata; metafemora omninò nigra.

Var. δ.—*Mas*, capitis latera posticè ænea.

Var. ε.—*Mas*, mesothoracis dorsum æneum.

Var. ζ.—*Mas*, capitis vertex æneus.

Var. η.—*Mas*, tibiæ omnes concolores.

Var. θ.—*Fem.* antennæ nigro-fuscae: thorax omninò viridis.

Var. ι.—*Fem.* abdomen viride, æneo per medium vittatum.

May; on grass beneath trees; near London.

Sp. 13. *Gast. terminalis.* *Mas et Fem. Æneo-viridis, antennis nigro-fuscis, pedibus flavis fusco-cingulatis, alis subhyalinis.*

Mas.—Viridis: oculi ocellique obscurè rufi: antennæ nigro-fuscae; articulus 1^{us}. nigro-viridis: mesothoracis scutum æneo-viride: abdomen subcompressum: pedes flavi; coxæ virides; femora fusco cingulata; tarsi apice fusci: alæ subhyalinæ; nervi fusci; stigma mediocre.

Fem.—Æneo-viridis: abdomen viride; discus cupreo-æneus: femora viridi-fusco cingulata: oviductus brevis. (Corp. long. $\frac{2}{3}$ —1 lin.; alar. $\frac{3}{4}$ —1 $\frac{1}{4}$ lin.)

Var. β.—*Fem.* meso-et metatibiæ fusco cingulatæ.

June; on grass beneath trees; Windsor Forest, and near London.

Sp. 14. *Gast. annulipes.* *Fem. Lætè viridis, antennis nigris, pedibus viridibus, tarsis pallidis, alis subhyalinis.*

Oculi ocellique rufi: antennæ nigræ, corporis triente vix longiores; articulus 1^{us}. viridis: oviductus subexertus: pedes virides; trochanteres fusci; genua straminea; tarsi straminei, apice fusci; propedum tibiæ et tarsi fusca: alæ subhyalinæ, quàm præcedentium angustiores; nervi fusci; stigma minimum. (Corp. long. $\frac{1}{2}$ — $\frac{2}{3}$ long.; alar. $\frac{3}{4}$ lin.)

June; on grass beneath trees; Windsor Forest.

Sp. 15. Gast. crassus. Mas. et Fem. *Viridis aut æneo-viridis, antennis nigris aut nigro-fuscis, pedibus flavis viridi et fusco cingulatis, alis hyalinis.*

Mas.—Obscurè cupreum, breve, crassum: caput viride: oculi ocellique obscurè rufi: antennæ nigro-fuscae; articulus 1^{us}. nigro-viridis: pedes flavi; coxæ virides; femora viridi-fusca, apice flava; metatibiæ fuscae, apice basique flavæ; tarsi apice fusci: alæ subhyalinæ; nervi fusci; stigma parvum.

Fem.—Viridis: antennæ nigræ, corporis dimidio breviores; articulus 1^{us}. nigro-viridis: abdomen cupreo-æneum, basi apiceque viride: oviductus corporis dimidio brevior: femora viridia, apice basique flava: meso-et metatarsi straminei, apice fusci. (Corp. long. $\frac{1}{2}$ — $\frac{2}{3}$ lin.; alar. $\frac{2}{3}$ — $\frac{3}{4}$ lin.)

Var. β.—*Mas*, æneo-viridis: antennæ fuscae; articulus 1^{us}. viridi-æneus: abdomen cupreo-æneum.

Var. γ. *Mas*, viridis: mesothoracis scutellum æneo-cupreum: abdomen æneo-cupreum, basi viride.

Var. δ.—*Fem.* antennæ nigro-fuscae: alæ hyalinæ.

Var. ε.—*Fem.* tarsi omnes pallidè fusci, basi flavi.

Var. ζ.—*Fem.* pro- et metatarsi fulvi, apice fusci; mesotarsi straminei, apice fusci.

June to August; on grass in fields; near London.

Sp. 16. Gast. angulus. Fem. *Viridis, antennis nigris, pedibus fuscis, alis hyalinis.*

Viridis, brevis, crassus: oculi ocellique rufi: antennæ nigræ; articulus 1^{us}. nigro-viridis: oviductus abdominis quaterno brevior: pedes fusci; coxæ virides; femora viridi-fusca; tibiæ apice basique flavæ; protibiæ pallidiores: alæ hyalinæ; nervi fusci; stigma mediocre. (Corp. long. $\frac{1}{2}$ lin.; alar. $\frac{2}{3}$ lin.)

June; on grass in fields; near London.

Sp. 17. Gast. acutus. Mas et Fem. *Viridis, antennis nigris, pedibus fuscis, alis subhyalinis.*

Gracilis, elongatus. *Mas.*—Cyaneo-viridis: oculi ocellique rufi: antennæ nigræ; articulus 1^{us}. nigro-viridis, basi fuscus: abdomen subcompressum: pedes fusci; coxæ virides; femora viridia, apice flava: alæ subhyalinæ; nervi fusci; stigma mediocre.

Fem.—Viridis: antennæ clavatæ, corporis triente breviores: abdomen compressum, thorace multò longius: oviductus abdominis

triente brevior: pedes fusci; coxæ nigro-virides; femora apice flava; tibiæ apice basique flavæ; tarsi fusci, apice obscuriores. (Corp. long. $\frac{3}{4}$ —1 lin.; alar. $\frac{5}{4}$ —1 lin.)

Var. β.—Fem. Protibiæ subtus flavæ; pro- et mesotarsi basi flavi.

Var. γ.—Fem. Corpus æneo-viride.

Var. δ.—Fem. Pedes flavi; coxæ virides; femora viridi-fusca, apice flava; meso- et metatibiæ fuscae; tarsi apice fusci.

June; on grass in woods; near London.

GENUS V. MEROMALUS,¹ Walker.

Mas.—Caput mediocre, thorace paullò latius: antennæ 13-articulatæ, submoniliformes, corporis dimidio multò breviores; articuli 5^o. ad 10^{um}. subæquales, approximati; clava ovata, brevis, articulis 2 præcedentibus brevior et paullò latior: thorax valdè convexus: mesothoracis scutum, paraptera, epimera et scutellum magna, hoc angustum; parapsides optimè determinatæ: abdomen sublineare, subcompressum, thorace angustius sed vix longius; segmenta subæqualia: alæ mediocres; nervus solitus ante costam attingit nervulum rejiciens ferè obsoletum; stigma nervulum brevissimum emittens.

Sp. I. Mer. flavicornis. Mas. Cyaneo-viridis, antennis pedibusque flavis, alis subhyalinis.

Cyaneo-viridis, parùm nitens, punctatus: oculi ocellique obscure rufi: antennæ flavæ; articulus 1^{us}. et 2^{us}. supra pallidè fusci: abdomen cyaneo-nigrum, nitens, glabrum, basi cyaneo-viride: pedes flavi; coxæ cyaneo-virides; femora subtus fusco vittata; meso- et metatarsi straminei, apice fusci: alæ subhyalinæ; nervi fusci; stigma mediocre. (Corp. long. $\frac{5}{4}$ lin.; alar. 1 lin.)

June; on grass in fields; near London.

GENUS VI. RHAPHITELUS,^m Walker.

Mas.—Corpus sublineare: caput mediocre, thorace paullò latius, vix anticè productum: antennæ 12-articulatæ, clavatæ, corporis dimidio breviores; articulus 1^{us}. gracillimus; 5^{us}. et 4 sequentes cyathiformes, lati, approximati; 10^{us}. et 11^{us}. brevissimi, circum articulo 9^o. paullò longiorem et angustiore fingentes; 12^{us}. gracilis, setiformis: mesothoracis scutum latum, planum, maxi-

¹ μέρος pars, μαλὸς tener.

^m ῥαφὶς acus, τέλος finis.

mum; parapsides scuto in unum confusæ; scutellum magnum, convexum: abdomen subcompressum, thorace paullò longius, apicem versus angustius; segmenta subæqualia: alæ mediocres; stigma nervulum vix conspicuum emittens.

Sp. 1. Rhap. maculatus. Mas. *Viridis, abdomine cyaneo cupreo, antennis nigris, pedibus pallidè fuscis, alis subhyalinis.*

Obscurus, subtiliter punctatus: caput obscurè viride; latera anticè lætè cupreo-viridia: oculi ocellique obscurè rufi: antennæ nigræ; articulus 1^{us}. flavus, apice fuscus; 2^{us}. fuscus: thorax obscurè viridis, posticè obscurè viridi-æneus; latera cyanea: abdomen cyaneo-cupreum, nitens, glabrum, basi æneo-viride: pedes pallidè fusci; coxæ virides; trochanteres flavi; meso- et metatarsi straminei, apice fusci: alæ subhyalinæ; proalæ subcosta, fusco maculatæ; nervus solitus fuscus, ubi costam percurrit incrassatus; stigma mediocre. (Corp. long. $\frac{2}{3}$ lin.; alar. $\frac{5}{4}$ lin.)

October; on grass beneath trees; near London.

GENUS VII. PSILONOTUS,ⁿ Walker

Fem.—Caput mediocre, thorace non latius, anticè planum et paullò productum: antennæ 12-articulatæ, subclavatæ, corporis triente non longiores, submoniliformes; articuli 5^o. ad 9^{um}. subæquales, parvi, approximati; clava ovata, articulis 2 præcedentibus paullò latior et longior: thorax planus, depressus: mesothoracis scutum et scutellum maxima, lata; parapsides scuto in unum confusæ; paraptera et epimera parva: abdomen valdè compressum, thorace longius; segmenta subæqualia: alæ mediocres.

Sp. 1. Psil. adamas. Fem. *Viridis, antennis pallidè fuscis, pedibus flavis, alis hyalinis.*

Lætè viridis, glaber, nitidissimus: oculi ocellique rufi: antennæ pallidè fuscae; articulus 1^{us}. et 2^{us}. flavi: caput posticè, mesothoracis scuti latera et metathoracis scutellum cupreo-viridia: abdomen æneo-viride: pedes flavi; coxæ virides; femora nigro-fusco cingulata; metatibiæ fusco cingulatæ; metatarsi apice fusci: alæ hyalinæ; nervi flavi; stigma parvum. (Corp. long. $\frac{2}{3}$ — $\frac{5}{4}$ lin.; alar. $\frac{3}{4}$ —1 lin.)

Var. β .—Thorax omninò viridis.

June; near London. New Lanark, Scotland.

ⁿ ψιλός glaber, νῶτος dorsum.



Walker, Francis. 1834. "Monographia Chalciditum. (Continued.)." *The Entomological magazine* 2, 148–179.

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