

flowers of turnips which have been sowed for seed, a great many of the identical fellows will be found skipping about the cloths over which you shake them; I do not mean the little beetles, which are dark green, about the same size, and fly very easily, but the real turnip-beetle. (I send you specimens of both.) The flying-beetle is very common in all flowers that produce a good deal of pollen; I have seen fifty or sixty in a dandy-lion.<sup>b</sup> The real turnip-beetles do not eat pollen.

If you can stick in this note at the end of my turnip-fly epistle pray do so.—Lord F——'s beetle is a weevil; he has nothing to fear from it; if it strip the leaves off his beech-trees one year it will not do so the next. I well recollect, some years ago, seeing the fine beech-woods about Gloucester completely stripped by it in the middle of June; the next year the woods were as healthy and luxuriant as ever. The weevil appears and disappears without any known cause, like all other insect pests, and these irregular visitors are always difficult to deal with; I shall try, notwithstanding, to trace its habits, and shall feel much obliged for any further information his lordship may transmit through you.

I am, yours, &c. RUSTICUS.

Godalming, 1833.

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ART. XLIII.—*Monographia Chalcidum*. By FRANCIS

WALKER, ESQ. F. L. S.

(Continued from page 142.)

GENUS CRATOMUS, *Dalman*.

Caput transversum, maximum: oculi magni, laterales: ocelli in triangulum dispositi: mandibulæ arcuatæ, una tridentata, altera quadridentata: maxillæ elongatæ, externè in lobum productæ: palpi maxillares articulis 4, 1<sup>us</sup>. 2<sup>o</sup>. duplo longior, 3<sup>us</sup>. 2<sup>o</sup>. æqualis, 4<sup>us</sup>. subfusiformis 1<sup>o</sup>. æqualis: mentum elongatum, posticè conicum: labium fissum: palpi labiales triarticulatæ, 1<sup>us</sup>. linearis, 2<sup>us</sup>. brevior, 3<sup>us</sup>. latior: antennæ clavatæ, 13-articulatæ; 1<sup>us</sup>. elongatus, subarcuatus, versus medium crassior; 2<sup>us</sup>. elongato-cyathiformis; 3<sup>us</sup>. parvus, cyathiformis; 4<sup>us</sup>. et sequentes ad 10<sup>um</sup>. brevissimi, approximati, cyathiformes; clava triarticulata, ovata: thorax convexus, ovatus; prothoracis scutellum breve; mesothoracis scutum gibbum; scutellum magnum, obtusum; metathoracis scutellum benè determinatum, canaliculatum: abdomen subpetiolatum, convexus, breve, latum, contractum: pedes subæquales; coxæ magnæ; femora subclavata; tibiæ apice

<sup>b</sup> *Meligethes*, of several species, and *Altica Nemorum*.—ED.

spinis duabus armatae; tarsi articulis 5, 1<sup>us</sup>. elongatus, sequentes longitudine decrescentes, 5<sup>us</sup>. præcedenti crassior et longior: alæ anticæ nervus solitus ramulum stigmaticalem emittens elongatum, arcuatum.

Cratomus may be distinguished from Perilampus (to which it is closely allied); and from the other Torymidæ, by the long and curved stigmal branch of the nervure of the wing: the only Pentamera which resemble it in this character, are the Cleonymidæ and some of the Eupelmidæ.

Sp. 1. Cra. megacephalus. Mas. *Cyaneo-niger, antennis pedibusque fuscis, tibiis 4 anticis tarsisque flavis, alis anticis fusco maculatis.*

Cynips megacephala. . . . . *Fabr. Ent. Syst. 2. 103.*  
17.

Diplolepis megacephala. . . . . *Fabr. Syst. Piezat. 149.*  
21. 2.

Perilampus (Cratomus) megacephalus. *Dalman, Kongl. Vetén. Acad. Handl. 1820.*

Caratomus megacephalus. . . . . *Dalman, Kongl. Vetén. Acad. Handl. 1822.*

Caput thorace latius, punctatum, anticè profundè excavatum, utrinque bituberculatum: oculi ocellique nigri: antennæ breves, fuscae, versus medium obscuriores: thorax et petiolus punctati: abdomen nitidum, glabrum: coxæ nigro-fuscae; trochanteres flavi; femora fusca; tarsi flavi, articulus 1<sup>us</sup>. subtus productus, 5<sup>us</sup>. fuscus: alæ hyalinæ; anticæ prope medium fuscescentes; nervi pallidè fusci; stigma parvum, concolor. (Alarum longitudo, 2 lin.)

Taken at Ripley, July 1827, and in Epping Forest, by J. F. Stephens, Esq.

July; on palings; near London.

Fabricius says that it inhabits decayed wood.

Sp. 2. "Cratomus nigripes. *Ater, pedibus toto nigris, alis hyalinis.*"

"Taken in my own garden, at the Hermitage, South Lambeth. J. F. Stephens."

The description and name of this new species were obligingly sent to me by Mr. Stephens.

#### GENUS EPIMACRUS,<sup>a</sup> Walker.

*Fem.*—Caput sat magnum, thorace latius: oculi mediocres, laterales: ocelli supra verticem in triangulo dispositi: antennæ fronte infe-

<sup>a</sup> 'Επὶ ἀντὲ, μακρὸς longus.

riore insertæ, 11-articulatæ?<sup>b</sup>, clavatæ, pubescentes; articulus 1<sup>us</sup>. elongatus, versus apicem crassior; 2<sup>us</sup>. et 3<sup>us</sup>. elongato-cyathiformes; 4<sup>us</sup>. et sequentes longitudine decrescentes, ferè rotundi; clava triarticulata, ovata: thorax elongato-ovatus: prothoracis scutum angustum; scutellum maximum, anticè angustius: mesothoracis scutum minimum; parapsides convexi, optimè determinati; scutellum parvum, ferè rotundum, depressum; paraptera et epimera parva: metathoracis scutellum magnum: abdomen elongatum, petiolatum, supra depressum, subtus carinatum, apice elevatum et compressum; segmentum 2<sup>um</sup>. magnum, supra medio retractum; 3<sup>um</sup>. breve; 4<sup>um</sup>. longius; sequentia parva: oviductus exsertus: pedes subæquales; coxæ magnæ; femora, præsertim postica, clavata; tibiæ rectæ, apice crassiores et spinis armatæ; tarsi articulis 5, 1<sup>us</sup>. longus, sequentes longitudine decrescentes, 5<sup>us</sup>. præcedenti longior et crassior: alæ superiores anticè et apice ciliatæ; nervus solitus ramulum emittens brevem, et mox abruptus.

I have placed this singular genus between Decatoma and Megastigmus, though it differs from both in many particulars. Like the Spalangiidæ, the antennæ are inserted in the lower part of the face, but the head is transverse, and not depressed. It has the prothorax developed like the Cleonymidæ; and like them also, the angle, formed by the stigmal branch with the continuation of the principal nervure of the superior wing, is more acute than in most of this tribe. The structure of the trophi will probably determine its natural situation.

Sp. 1. Epim. rufus. Fem. *Rufus, thorace et abdomine posticè nigris, antennis fuscis, alis hyalinis, fusco maculatis.*

Caput rufum, nitidum; vertex niger: oculi nigro-fusci: ocelli rufi: antennæ fusæ, basi et subtus rufæ; clava articulis 2-præcedentibus longior et latior: thorax nitidus, subtus omninò rufus, prothorax rufus, posticè supra fuscus: mesothoracis scutum nigrum, anticè fuscum; parapsides prope scutum fuscescentes; squamulæ rufæ; scutellum nigrum, apice rufum: metathoracis scutellum scabrum, obscurum, nigrum: petiolus brevissimus, crassus, obscurus, scaber, rufus: abdomen nitidum, glabrum, cyaneo-nigrum, subtus fuscum, apice setosum; segmentum 2<sup>um</sup>. rufum, basi fuscum; 3<sup>um</sup>. rufum, supra nigrum: oviductus abdominis segmento ultimo paullo longior, fuscus, basi rufus: pedes

<sup>b</sup> The two ring-shaped joints of the antennæ apparent in most of the Pentamerous Chalcids are almost, if not entirely, obsolete in this genus.

rufi, supra pallidè fusci; tarsi flavi; ungues et pulvilli fusci: alæ hyalinæ; anticæ, ubi nervus solitus costam attingit fusco maculatae, ubi ramulum emittit latè fusco-fasciatæ; nervus fuscus, ubi costam attingit incrassatus, ater; ramulus ater. (Alarum longitudo,  $1\frac{1}{2}$  lin.; corporis 1 lin.)

Taken near Stockton-upon-Tees, by the Rev. G. T. Rudd.

The Pentamerous Chalcides will form two divisions: of the first, the remaining families may be placed in the following order:

Ramulus stigmatalis rectus.		Abdomen petiolatum . . . . .	FAM. IV. MISCOGASTERIDÆ.
		Antennæ moniliformes . . . . .	FAM. V. ORMOCERIDÆ.
Ramulus stigmatalis incurvus		Abdomen sessile.	Antennæ filiformes fusiformes aut clavatae . . . . .
			FAM. VI. PTEROMALIDÆ.
			FAM. VII. CLEONYMIDÆ.

The second division includes the Eupelmidae, Encyrtidae, and a few genera, composed of very minute species, which connect the Encyrtidae with the Tetramera. The only one yet described is *Aphelinus*, *Dalman*.

#### Family IV.—MISCOGASTERIDÆ.

Caput transversum: oculi laterales: ocelli in triangulum dispositi: *maris* antennæ filiformes, fusiformes aut clavatae, 12—, 13-aut 14-articulatae: *feminae* antennæ filiformes aut clavatae, 12-aut 13-articulatae: mandibulæ 4-dentatae, arcuatae aut rectae; nonnunquam una arcuata, altera recta: maxillæ elongatae: palpi maxillares 4-articulati: mentum elongatum aut ovatum: labium integrum, anticè latum: palpi labiales articulis 3, 2<sup>o</sup>. brevi: thorax convexus, elongatus aut ferè rotundus: prothoracis scutellum anticè angustatum, aut subquadratum: mesothoracis scuti inter parapsides et scutum proprium suturæ duæ laterales benè vel minimè determinatae; scutellum ovatum aut rotundum: paraptera et epimera triangula: metathoracis scutellum parvum aut magnum, plus minusve canaliculatum aut carinatum: abdomen petiolatum: oviductus plerumque absconditus: coxæ medioeres: femora gracilia aut subclavata: tibiæ rectae, in nonnullis clavatae aut subarcuatae, apice spinis duabus armatae: tarsi articulis 5; 1<sup>us</sup>. longus; sequentes longitudine decrescentes; 5<sup>us</sup>. præcedenti longior, crassior: alæ anticæ nervus solitus ramulum stigmatalis emittens elongatum, rectum, simplicem.

*Chrysolampus*, *Sphegigaster*, *Stilbula*, *Eucharis*, and some species of *Halticoptera* belong to this family.

*Characteres Generum.*

subquadratus	<i>Mas.</i> et <i>fem.</i> Antennæ clavatæ . . . . .	SYNTOMOPUS.
	<i>Mas.</i> Antennæ filiformes . . . . .	DIPARA.
Prothorax	brevis, Petiolus anticè rotundatus. Tho- rax	PSILOCERA.
	elongatus . . . . .	PROSODES.
	brevis, non cla- vata. Tibiæ inter-Abdo- minæ men- diæ	MERISMUS.
	elongatus. Petiolus <i>Fem.</i> compressum . . . . .	TOXEUMA.
	<i>Maris</i> et <i>fem.</i> clavatum . . . . .	CORUNA.
	varium non com- pressum hec cla- vatum. <i>Antennæ</i> <i>fem.</i>	incrassatus . . . . . PACHYNEURON. <i>maris</i> fusiformes, <i>fem.</i> clavatæ. Abdomen convexum . . . . . CYRTOGASTER. <i>fem.</i> clavatæ. <i>Fem.</i> , abdomen supra depressum . . . . . DICYCLUS.
	mediocris. Nervus solutus cum cos- tam per- currit	<i>maris</i> fili- formes, <i>fem.</i> articulo ultimo dilatato. filiformes <i>Fem.</i> Abdomen supra de- } PACHYLARTHUS. aut extror- sum cras- siores. <i>Maris</i> palpi maxillares
	13-arti- culatæ. Arti- culus 5 <sup>us</sup> .	simplices. <i>Fem.</i> , abdomen convexum . . . . . MISCOGASTER.
	minutus . . . . .	MICROMELUS.
	12-articulatæ . . . . .	ISOXYRUS.
	clavatæ . . . . .	SPANTOPUS.

GENUS I. SYNTOMOPUS,<sup>c</sup> *Walker.*

Caput magnum, thorace latius: oculi mediocres: antennæ clavatæ, 13-articulatæ; 1<sup>us</sup>. elongatus; 2<sup>us</sup>. cyathiformis; 3<sup>us</sup>. et 4<sup>us</sup>. minimi; 5<sup>us</sup>. et sequentes ad 10<sup>um</sup>. in *mare* lineares, longitudine decrescentes, in *femina* æquales, subcyathiformes; clava triarticulata, ovata, articulis 2 præcedentibus paulò longior: thorax elongatus: prothoracis scutellum magnum, subquadratum: mesothoracis scutum conspicuum, suturæ distinctæ; scutellum magnum, latum, convexum: metathoracis scutellum benè determinatum, canaliculatum: petiolus linearis, sat elongatus: abdomen *maris* breve, ferè trigonum, depressum, apice latum, segmento 2<sup>o</sup>. maximo, sequentibus vix conspicuis; *fem.* elongato-ovatum, apice acuminatum, supra depressum, infra carinatum, segmento 2<sup>o</sup>. elongato, sequentibus brevioribus: oviductus subexsertus: pedes breves; coxæ magnæ; femora subclavata; tibiæ subarcuatæ; tarsi breves: alæ breves.

Sp. 1. Syn. thoracicus. Mas. *Viridis, antennis nigris, tibiis fuscis, tarsis stramineis, alis hyalinis.*

Caput punctatum: oculi rufo-fusci: ocelli rufi; antennæ nigræ; articuli 1<sup>us</sup>. et 2<sup>us</sup>. virides: thorax punctatus, obscurè viridis; metathoracis latera obscurè viridi-nitentia: petiolus crassus, punctatus: abdomen nitidum, glabrum, æneo-nitens: pedes virides; trochanteres fusci; genua flava; tibiæ fuscae, apice basique flavæ; tarsi antici fulvi, 4 postici straminei, apice fusci: alæ hyalinæ: nervi pallidè fusci: stigma parvum, fuscum. (Alarum longitudo, 1 $\frac{1}{4}$  lin.)

September; Isle of Wight.

Sp. 2. Syn. incurvus. Fem. *Nigro-cyaneus, abdomine viridi-æneo, antennis nigris, tibiis fuscis, tarsis stramineis, alis hyalinis.*

Caput punctatum: oculi fusci: ocelli rufo-nigri: antennæ breves, nigræ: thorax punctatus, obscurus; metathoracis latera basi viridi nitentia: petiolus gracilis, punctatus, nigro-cyaneus, obscurus: abdomen nitidum, glabrum, viride, apice cyaneo-viride, segmentis posticè æneis: pedes virides; genua straminea; tibiæ fuscae, apice basique flavæ, anticæ pallidiores; tarsi antici fulvi, apice fusci; 4 postici straminei, apice nigri: alæ hyalinæ: nervi

<sup>c</sup> Σύντομος brevis, ποὺς pes.

pallidè fuscis: stigma parvum, fuscum. (Alarum longitudo,  $1\frac{1}{4}$  lin.)

Taken by Mr. Davis; the end of August; on Blackheath.

## GENUS II. DIPARA,<sup>d</sup> Walker.

*Mas.*—Caput magnum, thorace latius: oculi mediocres: antennæ filiformes, corpore longiores, 12-articulatæ; 1<sup>us</sup>. subfusiformis; 2<sup>us</sup>. cyathiformis; sequentes moniliformes, elongato-ovati, remoti, pilosi: thorax elongato-ovatus: prothoracis scutellum magnum, subquadratum: mesothoracis scutum conspicuum, suturæ valdè distinctæ; scutellum ovatum, convexum: metathoracis scutellum benè determinatum, canaliculatum: petiolus elongatus, abdomine vix brevior: abdomen convexum, ferè rotundum, segmento 2<sup>o</sup>. maximo, sequentibus supra vix conspicuis: pedes graciles, elongati; tibiæ rectæ: alæ angustæ.

Sp. 1. Dip. petiolata. *Mas. Atra, antennis fuscis, petiolo pedibusque flavis, alis hyalinis.*

Caput punctatum, subnitidum: oculi nigro-fuscis: ocelli rufo-nigri: antennæ fusæ, articulus 1<sup>us</sup>. flavus: thorax minutè punctatus, subnitidus; metathorax obscurus, scaber: petiolus minutè punctatus: abdomen nitidum, glabrum: pedes flavi; tibiæ 4 posticæ pallidè fusæ: alæ hyalinæ pubescentes, apice ciliatæ; costa pilosa; nervi fulvi; stigma parvum, concolor. (Alarum longitudo, 1 lin.)

July; on grass; near London.

## GENUS III.—PSILOCERA.<sup>e</sup> Walker.

*Mas.*—Caput magnum, thorace latius; oculi mediocres: antennæ moniliformes, verticillato-pilosæ, corpore longiores, 13-articulatæ; 1<sup>us</sup>. elongatus; 2<sup>us</sup>. cyathiformis; 3<sup>us</sup>. minimus; 4<sup>us</sup>. et sequentes ad 10<sup>um</sup>. remoti; clava triarticulata, elongato-ovata, angusta, articulis 2 præcentibus brevior: thorax latus, ferè rotundus: prothoracis scutellum brevissimum: mesothoracis scutum breve, suturæ vix conspicuæ; scutellum convexum, breve, ovatum; paraptera et epimera benè determinata: metathoracis scutellum magnum, canaliculatum: petiolus brevissimus: abdomen ovatum, depressum; segmentum 2<sup>um</sup>. trientem occupans; 3<sup>um</sup>. vix brevius; sequentes brevissimi: pedes graciles; coxæ mediocres; tibiæ rectæ: alæ anticæ latæ.

<sup>d</sup> Δὶς bis, παρὰ juxtà.

<sup>e</sup> Psilus genus Insectorum, κέρας cornu.

*Fem.*?—Antennæ extrorsum crassiores, 13-articulatæ; 1<sup>us</sup>. elongatus; 2<sup>us</sup>. cyathiformis; 3<sup>us</sup>. et 4<sup>us</sup>. minimi; 5<sup>us</sup>. et sequentes ad 10<sup>um</sup>. subæquales; clava triarticulata, elongata, apice acuminata, articulis 2 præcedentibus paullo longior: abdomen ovatum, supra depressum, infra carinatum, apice acuminatum; segmentum 2<sup>um</sup>. magnum; sequentes brevissimi.

Sp. 1. *Psil. obscura*. Mas. *Atra, antennis nigris, pedibus fuscis, tarsis flavis, alis fuscis*. *Fem.*? *Nigro-viridis, abdomine cæneo-viridi, antennis nigro-fuscis, pedibus flavis, alis subfuscis*.

*Mas.*—Caput punctatum: oculi nigro-fusci: ocelli rufo-nigri: antennæ albo-hirtæ: thorax punctatus; latera læviora, nitidiora: metathorax minute punctatus: petiolus punctatus, obscurus: abdomen nitidum, glabrum; segmenta 2<sup>um</sup>. et 3<sup>um</sup>. nigro-ænea: pedes flavi; coxæ nigrae; femora fusca, apice basique flava; tibiæ concolores; tarsi postici apice fusci; 4 antici fusci, articulis 1<sup>o</sup>. et 2<sup>o</sup>. flavis; ungues et pulvilli fusci: alæ anticæ fuscæ, posticæ subfuscæ; nervi fusci; stigma parvum, concolor.

*Var. β.*—*Mar.* abdominis segmentum 2<sup>um</sup>. basi nigrum: tibiæ pallidè fuscæ, anticæ flavæ; tarsi fusci, basi flavi.

*Fem.*?—Oculi ocellique rufo-fusci: antennæ nigro-fuscæ; articulus 1<sup>us</sup>. flavus: alarum nervi flavi; stigma parvum, concolor. (Alarum longitudo,  $1\frac{1}{4}$ — $1\frac{1}{2}$  lin.)

July; on laurels, amongst grass in fields; near London.

#### GENUS IV.—PROSODES,† *Walker*.

*Mas.*—Caput magnum, thorace latius: oculi mediocres: antennæ clavatæ, 13-articulatæ, corporis dimidio longitudine æquales; articulus 1<sup>us</sup>. elongatus; 2<sup>us</sup>. cyathiformis; 3<sup>us</sup>. et 4<sup>us</sup>. brevissimi; 5<sup>us</sup>. et sequentes ad 10<sup>um</sup>. longitudine decrescentes; clava triarticulata, conica, articulis 2 præcedentibus longior: thorax latus, ferè rotundus: prothoracis scutellum brevissimum: mesothoracis scutum breve, suturæ vix conspicuæ; scutellum convexum, breve, ovatum; paraptera et epimera conspicua: metathoracis scutellum magnum, canaliculatum: petiolus abdominis triente longior: abdomen breve; segmentum 2<sup>um</sup>. maximum, sequentia obtegens, apice truncatum, basi excavatum: pedes graciles, femoribus tibiisque rectis.

† Προσόδης inflatus.



In this, and in many other Hymenopterous genera, the petiole appears divided; but as the terms of the abdominal segments are not yet well defined, I have called both divisions the petiole. — See *Latreille, Cours d'Entomologie*, Tom. I. p. 231.

Sp. 1. Pro. ater. Mas. *Ater, antennis fuscis, pedibus flavis, alis hyalinis.*

Caput punctatum, obscurum: oculi nigro-fusci: ocelli rufo-fusci: thorax obscurus, punctatus; latera læviora, nitidiora: mesothoracis paraptera nigro-ænea: metathorax et petiolus minimè punctati: abdomen nitidum, glabrum: antennæ pallidè fuscae; articulus 1<sup>us</sup>. flavus: femora posticæ fusco maculata; tarsi apice fusci, 4 postici straminei: alæ hyalinæ; nervi flavi; stigma parvum, concolor. (Alarum longitudo, 1½ lin.)

June; on a window; near London.

GENUS. V.—MERISMUS,<sup>6</sup> *Walker.*

Caput magnum, thorace paullò latius: mandibulæ rectæ, dentibus 4 parvis armatæ: maxillæ elongatæ, apicem versus internè in lobum productæ: palpi maxillares 4-articulati; 1<sup>us</sup>. et 2<sup>us</sup>. æquales; 3<sup>us</sup>. longior; 4<sup>us</sup>. elongatus, acuminatus: mentum elongatum, posticè conicum: labium elongatum, anticè rotundatum: petiolus elongatus: abdomen *fem.* ovatum, supra convexum, apice abruptè elevatum et acuminatum: pedes graciles; tibiæ rectæ.

The trophi are described from *M. aculeatus*.

DIVISIO I.

Thorax ovatus, posticè latior: prothoracis scutellum mediocre: mesothoracis scutum mediocre, suturæ vix conspicuæ; scutellum latum, convexum; epimera et paraptera distincta: metathoracis scutellum magnum: petiolus posticè angustior: *maris* abdomen ovatum, gibbum, apice subtruncatum; segmentum 2<sup>um</sup>. magnum; 3<sup>um</sup>. maximum; sequentia brevissima: *fem.* abdomen elongato ovatum: antennæ *maris* extrorsum crassiores, *fem.* sub-clavatæ, 13-articulatæ; 1<sup>us</sup>. elongatus; 2<sup>us</sup>. cyathiformis; 3<sup>us</sup>. et 4<sup>us</sup>. brevissimi; 5<sup>us</sup>. et sequentes ad 10<sup>um</sup>. æquales; clava triarticulata, elongato ovata, articulis 2 præcedentibus æqualis.

Sp. 1. *Mer. aculeatus.* Mas et fem. *Viridis, antennis, nigris, pedibus flavis, alis hyalinis.*

Caput punctatum: oculi rufo-fusci: ocelli rufi: antennæ nigrae; articulus 1<sup>us</sup>. viridis, basi fuscus; 2<sup>us</sup>. æneus: thorax punctatus:

<sup>6</sup> Μερισμὸς divisio.

petiolus abdomine vix brevior: abdomen nitidum, glabrum; latera nonnunquam æneo-nitentia: coxæ virides; trochanteres fusci; femora postica viridi-fusca, 4 antica basi fusca; tarsi apice fusci, antichi fulvi, 4 postici straminei: alarum nervi pallidè fusci; stigma parvum, concolor. (Alarum longitudo,  $1-1\frac{1}{2}$  lin.)

*Var. β.*—*Mas.* femora flava, postica basi viridi-fusca.

*Var. γ.*—*Fem.* tarsi fusci, 4 postici basi straminei.

*Var. δ.*—*Fem.* thorax æneo-viridis: abdominis segmentum 2<sup>um</sup>. cupreo micans.

May; Southampton. September; Isle of Wight, and near London.

## DIVISIO II.

*Fem.*—Caput thorace multo latius: prothoracis scutellum mediocre: mesothoracis scutum magnum, suturæ sat conspicuæ; scutellum ovatum, convexum, mediocre: metathoracis scutellum magnum, carinatum: petiolus linearis: abdomen elongato-ovatum, apice abrupte acuminatum et elevatum, subtus valdè carinatum; segmentum 2<sup>um</sup>. maximum; sequentia brevissima: antennæ clavatae; articulus 5<sup>us</sup>. et sequentes ad 10<sup>um</sup>. longitudine æquales; clava ovata, articulis 2 præcedentibus longior.

*Sp. 2.* Mer. fronto. *Fem. Viridis, antennis nigris, pedibus flavis, alis hyalinis.*

Caput punctatum: oculi rufo-fusci: ocelli rufi: antennæ nigrae; articulus 1<sup>us</sup>. viridis: thorax punctatus: petiolus linearis: abdomen nitidum, glabrum; segmenta 2<sup>um</sup>. 3<sup>um</sup>. et 4<sup>um</sup>. apice obscure ænea: femora subtus fusco maculata; tarsi antichi fulvi, 4 postici straminei, omnes apice fusci: alarum nervi pallidè fusci; stigma parvum, concolor. (Alarum longitudo,  $1\frac{1}{2}$  lin.)

August; on grass in fields; near London.

## DIVISIO III.

*Mas.*—Prothoracis scutellum minimum: mesothoracis scutum breve, suturæ vix conspicuæ; scutellum convexum, ovatum; paraptera et epimera mediocria: metathoracis scutellum magnum, elongatum, carinatum: petiolus linearis: abdomen ovatum, gibbum, abbreviatum; segmentum 2<sup>um</sup>. magnum; 3<sup>um</sup>. maximum; sequentia brevissima: antennæ extrorsum crassiores; articulus 5<sup>us</sup>. et sequentes ad 10<sup>um</sup>. longitudine decrescentes; clava elongato-ovata, articulis 2 præcedentibus æqualis.

Sp. 3. Mer. flavicornis. Mas. *Viridis, antennis pedibusque flavis, alis hyalinis.*

Caput punctatum: oculi ocellique rufo-fusci: antennæ flavæ; articulus 1<sup>us</sup>. apice fuscus: thorax et petiolus punctati: abdomen nitidum, glabrum: coxæ virides; femora crocea; tarsi 4 postici straminei, apice pallidè fusci: alarum nervi pallidè fusci; stigma parvum, concolor. (Alarum longitudo,  $\frac{3}{4}$ —1 lin.)

July; on grass in fields; near London. September; Isle of Wight.

#### DIVISIO IV.

Thorax elongatus: prothoracis scutellum parvum: mesothoracis scutum magnum, suturæ optimè determinatæ; scutellum magnum, convexum, elongato-ovatum; epimera et paraptera magna: metathorax magnus; scutellum carinatum: antennæ *maris* filiformes, *fem.* extrorsum crassiores; articulus 5<sup>us</sup>. et sequentes ad 10<sup>um</sup>. elongati, longitudine decrescentes; clava valdè elongata, apice acuminata, articulis 2 præcedentibus æqualis *mar.* aut longior et latior *fem.*: petiolus linearis: *maris* abdomen ovatum, convexum; segmentum 2<sup>um</sup>. maximum basi canaliculatum; 3<sup>um</sup>. magnum; sequentia brevissima: *fem.* abdomen elongato-ovatum, subtus carinatum, apice elevatum.

Sp. 4. Mer. megapterus. Mas. et Fem. *Viridis, antennis fuscis, pedibus flavis, alis hyalinis.*

Caput punctatum: oculi ocellique rufo-fusci: antennæ fuscæ; articulus 1<sup>us</sup>. flavus: coxæ virides; *maris* tibiæ intermediae pallidè fuscæ; tarsi pallidè flavi: oviductus subexsertus: alarum nervi pallidè fusci; stigma parvum, concolor. (Alarum longitudo, 1—1 $\frac{1}{2}$  lin.)

*Var. β.*—*Mar.* pedes crocei; tarsi flavi.

*Var. γ.*—*Fem.* tarsi straminei; apice fusci.

July; on grass in fields; near London.

Sp. 5. Mer. clavicornis. Fem. *Viridis, antennis nigro-fuscis, pedibus rufo-flavis, alis subhyalinis.*

Præcedenti similis; antennæ crassiores; caput minus; thorax et alæ angustiores: caput punctatum: oculi ocellique nigro-fusci: antennæ nigro-fuscæ; articulus 1<sup>us</sup>. flavus, apice fuscus: tarsi 4 postici flavi, apice fusci: alarum nervi fusci; stigma parvum, concolor. (Alarum longitudo, 1 $\frac{1}{2}$  lin.)

New Lanark, Scotland.

## DIVISIO V.

Prothoracis scutellum parvum: mesothoracis scutum mediocre, suturæ sat conspicuæ; scutellum mediocre, ovatum, convexum: metathoracis scutellum magnum, carinatum: abdomen ovatum, convexum, subtus carinatum, apice abruptè elevatum; segmentum 2<sup>um</sup>. maximum, sequentia brevissima: petiolus quàm præcedentium brevior: antennæ subclavatæ; clava elongato-ovata, apice acuminata, articulis 2-præcedentibus longior et latior.

Sp. 6. Mer. rufipes. Fem. *Viridis, antennis nigris, pedibus pallidè rufis, alis subhyalinis.*

Caput punctatum, cyaneo-viride: oculi ocellique nigro-fusci: antennæ nigræ; articulis 1<sup>us</sup>. basi flavus: coxæ virides; tarsi antici fusci; 4 postici straminei, apice fusci: nervi pallidè fusci; stigma parvum, concolor. (Alarum longitudo, 1 lin.)

September; Isle of Wight.

GENUS VI. TOXEUMA,<sup>h</sup> Walker.

Fem.—Caput mediocre, thorace vix latius; antennæ subclavatæ, 13-articulatæ; 1<sup>us</sup>. elongatus; 2<sup>us</sup>. elongato-cyathiformis, 3<sup>us</sup>. et 4<sup>us</sup>. minimi; 5<sup>us</sup>. et sequentes ad 10<sup>um</sup>. æquales; clava triarticulata, apice acuminata, articulis 2 præcedentibus longitudine æqualis: mandibulæ 4-dentatæ, arcuatæ; dens interna obtusa: maxillæ elongatæ, externè ciliatæ; palpi maxillares 4-articulati; 1<sup>us</sup>. brevis; 2<sup>us</sup>. et 3<sup>us</sup>. paullò longiores, subæquales; 4<sup>us</sup>. elongatus, acuminatus: mentum elongato-ovatum: labium latum, anticè rotundatum: palpi labiales breves; articulus 2<sup>us</sup>. brevissimus: prothoracis scutellum breve: mesothoracis scutum mediocre; suturæ optimè determinatæ; scutellum magnum, convexum, ovatum; paraptera et epimera distincta: metathoracis scutellum magnum, carinatum: petiolus brevissimus: abdomen elongatum, plus minusve compressum, subtus carinatum, apice elevatum et acuminatum; segmentum 2<sup>um</sup>. elongatum; sequentia breviora: oviductus exsertus, brevis: pedes graciles; tibiæ rectæ.

Sp. 1. Tox. fuscicornis. Fem. *Viridis, antennis fuscis, pedibus cingulatis, alis hyalinis.*

Caput punctatum: oculi ocellique, rufo-fusci: antennæ fuscæ; articulis 1<sup>us</sup>. viridis; 2<sup>us</sup>. nigro-æneus: thorax et petiolus punctati: abdomen nitidum, glabrum, æneo-micans: pedes rufi; coxæ

<sup>h</sup> Τόξευμα sagitta.

virides; trochanteres nigri: femora intermedia basi nigra; postica nigra, apice rufa; tibiæ 4 posticæ versus medium pallidè fusæ; tarsi antichi pallidè fusci; 4 postici rufi, apice nigro-fusci: alarum nervi fusci; stigma parvum, concolor. (Alarum longitudo,  $1\frac{1}{4}$ — $1\frac{1}{2}$  lin.)

Var.  $\beta$ .—Tibiæ intermediæ omninò rufæ.

July; on grass in fields; near London.

Sp. 2. Tox. Ericæ. Fem. *Viridis, antennis nigris, pedibus cingulatis, alis hyalinis.*

Antennæ nigrae; articulus 1<sup>us</sup>. viridis: abdomen pubescens, apicem versus setosum, basi subtus purpureo, cupreo, cyaneoque micans: pedes nigri; coxæ virides; femora apice rufa; tibiæ 4 posticæ nigro-fusæ; anticæ pallidè fusæ; tarsi antichi pallidè fusci; 4 postici rufi, apice nigro-fusci: alarum nervi fusci; stigma parvum, concolor. (Alarum longitudo, 1— $1\frac{1}{2}$  lin.)

Var.  $\beta$ .—Abdomen cyaneo-viride.

July; on heath; near London.

## GENUS VII. CORUNA,<sup>i</sup> Walker.

Caput magnum, thorace latius: oculi magni: antennæ 13-articulatæ, maris filiformes, fem. extrorsum crassiores et paullò breviores; articulus 1<sup>us</sup>. elongatus; 2<sup>us</sup>. cyathiformis; 3<sup>us</sup>. et 4<sup>us</sup>. minimi; 5<sup>us</sup>. et sequentes ad 10<sup>um</sup>. æquales, elongati; clava triarticulata, elongata, acuminata, articulis 9<sup>o</sup> et 10<sup>o</sup>. paullò longior: mandibulæ valde arcuatæ, dentibus 4 acuminatis armatæ: maxillæ elongatæ, apicem versus internè in lobum productæ: palpi maxillares 4-articulatæ; 1<sup>us</sup>. et 2<sup>us</sup>. æquales; 3<sup>us</sup>. brevior; 4<sup>us</sup>. acuminatus, 2 præcedentibus longitudine æqualis: mentum ovatum: labium anticè sinuatum: palpi labiales triarticulati; 2<sup>us</sup>. brevis: thorax gibbus, ovatus, posticè angustior: prothoracis scutellum parvum: mesothoracis scutum magnum; suturæ laterales optimè determinatæ; paraptera et epimera magna; scutellum magnum, ovatum: metathoracis scutellum conspicuum, canaliculatum: petiolus brevis: abdomen convexum, clavatum, basi angustum, fem. subtus carinatum et apice elevatum; segmentum 2<sup>um</sup>. elongatum, 3<sup>um</sup>. supra obtegens; 4<sup>um</sup>. mediocre; 5<sup>um</sup>. elongatum; 6<sup>um</sup>. et 7<sup>um</sup>. abbreviata: pedes graciles; tibiæ rectæ: alæ anticæ nervus solitus qua cum costâ concurrat incrassatus.

<sup>i</sup> Κορόνη clava.

Sp. 1. Cor. clavata. Mas et Fem. *Æneo-viridis, antennis fuscis, pedibus flavis aut fusco-flavis, alis hyalinis.*

Oculi ocellique rufo-fusci: antennæ fuscae; articulus 1<sup>us</sup>. flavus; 2<sup>us</sup>. ater: pedes flavi; tarsi 4 postici straminei; ungues et pulvilli fusci: alæ hyalinæ; nervi fusci; stigma mediocre, concolor. (Alarum longitudo,  $\frac{3}{4}$ —1 $\frac{1}{2}$  lin.)

Var.  $\beta$ .—*Mar.* viridis; abdomen æneum, apice viride.

Var.  $\gamma$ .—*Mar.* omninò viridis.

Var.  $\delta$ .—*Mar.* femora omnia basi fusca; tibiæ posticæ et nonnunquam omnes basi pallidè fuscae.

Var.  $\epsilon$ .—*Fem.* antennæ nigro-fuscae; articulus 1<sup>us</sup>. flavus, apice fuscus: alæ subhyalinæ.

Var.  $\zeta$ .—*Fem.* femora postica pallidè fusca.

June to September; grass in fields, lime-trees, &c.; near London. September; Isle of Wight. New Lanark, Scotland.

#### GENUS VIII. PACHYNEURON,<sup>k</sup> *Walker.*

Caput magnum, thorace latius: oculi mediocres: *maris* antennæ filiformes, 13-articulatæ; 1<sup>us</sup>. elongatus; 2<sup>us</sup>. cyathiformis, subarcuatus; 3<sup>us</sup>. et 4<sup>us</sup>. minimi; 5<sup>us</sup>. et sequentes ad 10<sup>um</sup>. æquales, lineares; clava elongata, acuminata, articulis 9<sup>o</sup>. et 10<sup>o</sup>. longitudine æqualis: *fem.* antennæ subclavatæ, corporis dimidio longitudine æquales; articuli post 5<sup>um</sup>. longitudine decrescentes; clava elongato-ovata; mandibulæ arcuatæ, dentibus 4 acuminatis armatæ; dentes 2 interni minuti, approximati: maxillæ elongatæ, externè ciliatæ: palpi maxillares filiformes; articuli 1<sup>us</sup>. et 2<sup>us</sup>. æquales; 3<sup>us</sup>. paullò longior; 4<sup>us</sup>. elongatus, acuminatus: mentum clongatum, angustum: labium latum, transversè lineatum, anticè rotundatum: palpi labiales articulis subæqualibus 3<sup>o</sup>. acuminato: prothoracis scutellum brevissimum: mesothoracis scutum breve; suturæ laterales vix conspicuæ; paraptera et epimera majuscula; scutellum latum, convexum: metathoracis scutellum sat magnum, carinatum: petiolus brevissimus: *maris* abdomen elongato-ovatum, depressum; segmentum 2<sup>um</sup>. elongatum; sequentia breviora: *fem.* abdomen ferè rotundum, supra depressum, subtus convexum: pedes graciles; tibiæ rectæ: alæ anticæ nervus solitus qua cum costâ concurrit incrassatus.

Sp. 1. Pach. formosum. Mas. *Viride, antennis fuscis, pedibus flavis, alis hyalinis.* Fem. *Æneo-viride, antennis nigris, pedibus flavo-fuscis.*

<sup>k</sup> Παχὺς crassus, νεῦρον nervus.

*Mas.*—Lætè viridis: oculi ocellique rufo-fusci: antennæ pallidè fuscæ; articulus 1<sup>us</sup>. flavus, apice supra fuscus: mesothoracis scutellum æneo-viride: abdomen anticè cupreum: pedes lætè flavi; coxæ virides; tarsi apice, ungues et pulvilli fusci: alarum nervi fusci; stigma concolor parvum.

*Fem.*—Obscurè æneo-viridis: caput viride: oculi ocellique fusci: antennæ nigræ; articulus 1<sup>us</sup>. pallidè rufus, apice fuscus: mesothoracis scutellum æneum: abdomen nitens, viride, medio cupreum: pedes flavo-fusci, subtus pallidiores; coxæ virides; tarsi apice fusci. (Alarum longitudo, 1—1½ lin.)

*Var. β.*—*Mar.* thorax æneo-viridis.

*Var. γ.*—*Fem.* pedes rufi; tarsi flavi, apice fusci.

*Var. δ.*—*Fem.* nigro-viridis: abdomen viride: pedes flavi, femoribus basi tarsisque apice fuscis.

July; on windows, lime-trees, &c.; near London. September; Isle of Wight.

#### GENUS IX. CYRTOGASTER,<sup>1</sup> *Walker.*

Caput mediocre: oculi majusculi: *maris* antennæ 14-articulatæ, fusiformes; articulus 1<sup>us</sup>. elongatus; 2<sup>us</sup>. elongato-cyathiformis; 3<sup>us</sup>. et 4<sup>us</sup>. minimi; 5<sup>us</sup>. et sequentes ad 11<sup>um</sup>. longitudine decrecentes; clava triarticulata, elongata, compressa, apice acuminata, articulis 2 præcedentibus longior: *fem.* antennæ 13-articulatæ, clavatæ; articulus 1<sup>us</sup>. antennæ longitudine ferè triens; 5<sup>us</sup>. et sequentes subæquales; clava elongata, apice conica, articulis 9<sup>o</sup>. et 10<sup>o</sup>. longior: mandibulæ arcuatæ, æquales, 4-dentatæ: maxillæ elongatæ, apicem versus internè in lobum productæ: palpi maxillares filiformes; articuli 1<sup>us</sup>. 2<sup>us</sup>. et 3<sup>us</sup>. breves, æquales; 4<sup>us</sup>. angustus, apice acuminatus, 3 præcedentibus vix brevior: mentum elongato-ovatum, basi conicum: labium anticè dilatatum et rotundatum: palpi labiales articulo 1<sup>o</sup>. mediocri; 2<sup>o</sup>. brevi; 3<sup>o</sup>. elongato, apice acuminato: thorax ovatus: prothorax parvus: mesothoracis scutum mediocre; suturæ laterales distinctæ; paraptera conspicua, triangula; scutellum magnum, convexum, ovatum: metathorax optimè determinatus; scutellum magnum: petiolus, mediocris, crassus: *maris* abdomen ovatum, convexum; segmentum 2<sup>um</sup>. maximum; 3<sup>um</sup>. majusculum; reliqua minima, sæpissime invisæ: *fem.* abdomen subtus carinatum; segmenta versus basin retracta; 2<sup>um</sup>. maximum, 3<sup>o</sup>. latera amplectens; 3<sup>um</sup>. maximum; sequentia parva: oviductus in carinula ventrali

<sup>1</sup> *Κυρτός* curvus, *γαστήρ* venter.

receptus, segmenti 3<sup>i</sup>. apicem versus manifestus, trans abdomen vix exsertus: pedes graciles, subæquales, tibiis rectis, *maris* tibiis tarsisque intermediis latis: alæ breves.

Sp. 1. Cyr. vulgaris. Mas. *Viridis, antennis fuscis, pedibus fusco-flavis, alis hyalinis*. Fem. *Æneo-viridis, antennis nigris, pedibus fuscis, alis subhyalinis aut subfuscis*.

*Mas.*—Caput punctatum: oculi ocellique rufo-fusci: antennæ fuscae; articulus 1<sup>us</sup>. apice 2<sup>usque</sup>. omninò nigri: thorax punctatus: petiolus æneo-viridis: abdomen æneo-viride, nitidum, glabrum, pedes fusco-flavi; coxæ virides; tibiæ intermediæ nigræ; tarsi fusci, intermedii nigri: alæ hyalinæ; nervi pallidè fusci; stigma parvum, concolor.

*Fem.*—Obscurè æneo-viridis: antennæ nigræ: abdomen medio nigro-cupreum: pedes fusci, tibiis tarsisque 4 posticis nigro-fuscis: alæ subhyalinæ. (Alarum longitudo,  $\frac{3}{4}$ — $1\frac{1}{4}$  lin.)

*Var. β.*—*Mar.* femora antica et postica flava; tibiæ flavæ; intermediæ nigræ, basi fuscae.

*Var. γ.*—*Mar.* mesothoracis scutellum viridi-æneum: abdomen apice nigro-cupreum.

*Var. δ.*—*Mar.* antennæ flavæ; articulus 1<sup>us</sup>. fuscus, apice niger; 2<sup>us</sup>. omninò niger: abdomen æneum, apice nigro-cupreum: pedes fusci.

*Var. ε.*—*Mar.* tibiæ posticæ fuscae.

*Var. ζ.*—*Mar.* abdomen viride, apice cupreum.

*Var. η.*—*Mar.* pedes antichi et postici omninò flavi.

*Var. θ.*—*Fem.* abdomen nigro-cupreum, apice æneum: tibiæ tarsisque omnes nigro-fuscescentes.

*Var. ι.*—*Fem.* caput viride; thorax concolor; mesothoracis scutellum æneo-viride.

*Var. κ.*—*Fem.* thorax æneus: alæ subfuscae.

Near London. September; Isle of Wight. New Lanark, Scotland.

It is common throughout the year, and is sometimes wingless: it inhabits moss in winter.

Sp. 2. Cyr. scotica. Fem. *Ænea, abdomine nigro-cupreo, antennis nigris, pedibus fuscis, alis subfuscis*.

Obscurè ænea, præcedenti angustior: antennæ graciliores, nigræ: caput posticè æneo-viride: oculi ocellique rufo-fusci: abdomen nigro-cupreum, basi lateribusque æneis: pedes fusci, tibiis apice



tarsisque nigris : alæ subfuscae ; nervi pallidè fuscis ; stigma parvum, concolor. (Alarum longitudo,  $\frac{3}{4}$ —1 lin.)

New Lanark, Scotland.

Sp. 3. Cyr. thoracica. Fem. *Nigro-ænea, antennis nigris, pedibus fuscis, alis fuscis.*

Oculi ocellique rufo-fuscis : pedes-fuscis ; tibiæ nigro-fuscae ; tarsi nigri : alæ fuscae ; nervi fuscis ; stigma parvum, concolor. (Alarum longitudo, 1 lin.)

New Lanark, Scotland.

Sp. 4. Cyr. pusilla. Fem. *Ænea, antennis nigris, pedibus nigro-fuscis, tarsis flavis, alis fuscis.*

Oculi ocellique nigro-fuscis : abdomen nigro-æneum : pedes nigro-fuscis ; coxæ æneae ; trochanteres fuscis ; genua flava ; tarsi flavi, apice fuscis : alæ fuscae ; nervi pallidè fuscis ; stigma parvum, concolor. (Alarum longitudo,  $\frac{3}{8}$  lin.)

Obs.—A *C. vulgari* antennis gracilioribus, alis longioribus differt.

July ; grass in fields ; near London.

Sp. 5. Cyr. clavicornis. Fem. *Nigro-ænea, antennis nigris, pedibus rufo-fuscis, alis subhyalinis.*

Oculi ocellique rufo-fuscis : antennæ nigrae : clava magna, lata : abdomen æneum, basi viride : pedes rufo-fuscis ; coxæ æneae ; femora basi genuaque rufa ; tarsi rufi, apice fuscis : alæ subhyalinae ; nervi fuscis ; stigma parvum, concolor. (Alarum longitudo,  $\frac{3}{2}$  lin.)

July ; grass in fields ; near London.

Sp. 6. Cyr. obscura. Fem. *Nigro-ænea, antennis nigris, pedibus nigro-fuscis, alis fuscis.*

Oculi ocellique nigro-fuscis : abdomen apice æneum : pedes nigro-fuscae ; genua fusca ; tarsi concolores : alæ fuscae ; nervi fuscis ; stigma parvum, concolor. (Alarum longitudo,  $1\frac{1}{2}$  lin.)

July ; grass in fields ; near London.

Obs.—Hæc species et præcedens a reliquis hujus generis alis longioribus et latioribus differunt.

Sp. 7. Cyr. rufipes. Mas. *Æneo-viridis, antennis pedibusque pallidè rufis, alis hyalinis.* Fem. *Viridi-ænea, antennis nigris, pedibus rufis, alis subhyalinis.*

*Mas.*—Lætè æneo-viridis: oculi ocellique rufo-fusci: antennæ pallidè rufæ: petiolus æneus: abdomen basi cyaneo-viride, apice nigro-cupreum: pedes pallidè rufi: tibiis apice tarsisque intermediis nigris, tarsis posticis apice fuscis; ungues et pulvilli fusci: alæ hyalinæ; nervi pallidè fusci; stigma parvum, concolor.

*Fem.*—Caput posticè viride: antennæ nigræ; articulus 1<sup>us</sup>. pallidè rufus, apice niger: mesothoracis scutellum æneum: petiolus viridi-æneus: abdomen nigrum, nitidum, ventre, lateribus apiceque æneis: pedes rufi; coxæ æneæ; tarsi pallidè rufi, apice fusci: alæ subhyalinæ; nervi pallidè fusci; stigma parvum, concolor. (Alarum longitudo,  $\frac{2}{3}$ —1 $\frac{1}{4}$  lin.)

*Var. β.*—*Mar.* antennæ articulo 2<sup>o</sup>. fusco.

*Var. γ.*—*Mar.* abdomen viridi-æneum, apice cupreo-æneum.

*Var. δ.*—*Fem.* abdomen supra nigro-viride.

*Var. ε.*—*Fem.* abdomen omnirò viride.

*Var. ζ.*—*Fem.* abdomen nigro-cupreum, basi viride, apice lateribusque æneis.

*Var. η.*—*Fem.* antennæ fuscæ: alæ hyalinæ.

*Var. θ.*—*Fem.* caput viride; thorax concolor; mesothoracis scutellum æneo-viride.

Common near London during the greater part of the year; sometimes wingless like *C. vulgaris*. New Lanark, Scotland.

Sp. 8. Cyr. tenuis. Fem. *Viridis, abdomine nigro-æneo, antennis quàm C. rufi pedis gracilioribus, pedibus obscure rufis, alis subfuscis.*

Oculi ocellique rufo-fusci: antennæ nigræ; articulus 1<sup>us</sup>. fuscus: abdomen nigro-æneum: pedes obscure rufi; tarsi rufi, apice fusci: alæ subfuscae; nervi pallidè fusci; stigma parvum, concolor. (Alarum longitudo,  $\frac{2}{3}$  lin.)

July; grass in fields; near London.

Sp. 9. Cyr. cingulipes. Fem. *Viridi-ænea, abdomine nigro-cupreo, antennis nigris, pedibus rufis, intermediis fusco-cingulatis, alis subhyalinis.*

Oculi ocellique rufo-fusci: antennæ nigræ; articulus 1<sup>us</sup>. nigro-fuscus: mesothoracis scutellum æneum: abdomen nigro-cupreum, margine ventreeque viridi-æneis; pedes pallidè rufi, femoribus tibiisque intermediis fusco-cingulatis, tarsis apice fuscis: alæ subhyalinæ; nervi pallidè fusci; stigma parvum, concolor. (Alarum longitudo,  $\frac{2}{3}$  lin.)

July; grass in fields; near London.