



Annals and Magazine of Natural History

Series 1

ISSN: 0374-5481 (Print) (Online) Journal homepage: <http://www.tandfonline.com/loi/tnah07>

XIV.—Descriptions of some new species of Chalcidites

Francis Walker Esq., F.L.S.

To cite this article: Francis Walker Esq., F.L.S. (1843) XIV.—Descriptions of some new species of Chalcidites, *Annals and Magazine of Natural History*, 12:75, 103-104, DOI: [10.1080/03745484309442495](https://doi.org/10.1080/03745484309442495)

To link to this article: <http://dx.doi.org/10.1080/03745484309442495>



Published online: 04 Dec 2009.



Submit your article to this journal [↗](#)



View related articles [↗](#)

XIV.—*Descriptions of some new species of Chalcidites.* By
FRANCIS WALKER, Esq., F.L.S.

Isosoma Hordæi (Harris MSS.), Mas. *Atrum, antennæ nigrae, pedes fulvi, femora piceo-vittata, tarsi flavi, alæ limpidae.*

Corpus atrum, convexum, angustum, sublineare, parum nitens, scite punctatum, parce hirtum: caput transversum, breve, thorace vix latius; vertex latus; frons impressa, abrupte declivis: oculi picei, mediocres, non extantes: antennæ nigrae, pubescentes, filiformes, graciles, corpore breviores: thorax fusiformis: prothorax magnus, transversus; mesothoracis scutum longitudine latius; parapsidum suturae bene determinatae, postice approximatae; scutellum subconicum: metathorax sat magnus, declivis, obconicus: petiolus sat longus; abdomen sublineare, nitens, laeve, thorace brevius; segmenta 1^{um} et 2^{um} magna: pedes fulvi, simplices, subæquales; coxae nigrae; femora piceo-vittata; tarsi flavi, apice fuscii: alæ limpidae; squamulae piceae; nervi fulvi; nervus humeralis ulnari duplo longior, radialis ulnari multo brevior cubitali vix longior, cubitalis sat longus; stigma minutum. (Corp. long. lin. 1½; alar. lin. 2.)

Parasitic on a species of *Cecidomyia*. Presented to me by Dr. Harris of Philadelphia.

Isosoma Laothoe, Fem. *Atrum, prothoraci maculis genubusque flavis, tarsis piceis, alis limpidis, nervis fulvis.*

Atrum, convexum, punctatum, parce pubescens, parum nitens: caput thorace vix latius: oculi et ocelli picei: antennæ graciles, extrorsum crassiores, thorace paullo breviores: prothorax mesothorace angustior utrinque flavo-maculatus: mesothoracis parapsides extantes, suturae optime determinatae; scutellum parvum: metathorax declivis, convexus, carinatus: petiolus brevis: abdomen fusiforme, nitens, laeve, glabrum, apice acuminatum, thorace vix longius; segmenta 1^{um} et 2^{um} parva; 3^{um} et 4^{um} longiora; 5^{um} et 6^{um} breviora: pedes nigri; genua flava; tarsi picei: alæ limpidae; squamulae piceae; nervi fulvi. (Corp. long. lin. 1; alar. lin. 1½.)

Taken by Dr. Greville at Juniper Green near Edinburgh.

Perilampus Entellus, Mas. *Viridis, antennæ piceae, pedes virides fulvoinceti, tarsi fulvi, alæ limpidae.* Fem. *Cyaneus, antennæ nigrae.*

Mas. Corpus breve, crassum, convexum, viride, nitens, rude punctatum, parce hirtum: caput transversum, breve, thoracis latitudine; vertex latus, æneo-varius; frons cyanea, impressa, fere laevis, abrupte declivis: oculi rufi, mediocres, non extantes: antennæ piceae, longifusiformes, thorace paullo breviores; articuli valde approximati; 1^{um} longus, gracilis, cyaneus: thorax ovatus: prothorax transversus, brevis: mesothoracis scutum longitudine latius; parapsidum suturae non bene determinatae, postice approximatae; scutellum magnum, obconicum, apice elevatum, metathoracem fere obtegens: metathorax transversus, abrupte declivis, postice angustus: petiolus brevissimus: abdomen laeve, contractum, latitudine vix longius; segmenta 1^{um} et 2^{um} maxima; pedes virides, pubescentes, simplices, subæquales; trochanteres fulvi; genua fulva; tibiae apice fulvae; tarsi fulvi, apice fuscii: alæ limpidae; squamulae piceae; nervi fuscii; nervus humeralis ulnari plus duplo longior, radialis ulnari paullo brevior cubitali multo longior, cubitalis brevis; stigma minutum.

Fem. Corpus cyaneum: antennæ nigrae: pedes cyaneo-varii. (Corp. long. lin. 1½—2; alar. lin. 3—3½.)

Var. β. Mas. Tarsi flavi, apice fuscii.

Var. γ. Fem. Corpus purpureo-varium.

Found by R. Forster, Esq. in Ohio.

Callimome Æa, Fem. *Cyaneus*, antennæ nigræ, pedes cyanei fulvo-cincti, tarsi flavi, alæ limpida.

Corpus sublineare, convexum, cyaneum, nitens, scitissime squameum, parce hirtum : caput transversum, breve, thoracis latitudine ; vertex sat latus ; frons impressa, abrupte declivis : oculi rufi, mediocres, non extantes : antennæ nigræ, extrorsum crassiores, media fronte insertæ, thorace paullo breviores ; articulus 1^{us} longus, gracilis, fulvus ; 2^{us} cyathiformis ; 3^{us} et 4^{us} minimi ; 5^{us} et sequentes breves, approximati ; clava conica, articulo 10^o longior : thorax longiovatus : prothorax conicus, mediocris : mesothoracis acutum longitudine non latius ; parapsidum suturæ bene determinatæ, postice approximata ; scutellum subconicum : metathorax mediocris, declivis, obconicus : petiolus brevis : abdomen longiovatum, læve, compressum, profunde carinatum, thorace non longius ; segmentum 1^{um} magnum : oviductus exsertus ; vaginæ nigræ, abdomine longiores : pedes cyanei, simplices, subæquales ; trochanteres picei ; genua fulva ; tibiæ apice fulvæ ; tarsi flavi, apice fuscii ; protibiæ fulvæ : alæ limpida ; squamulæ picæ ; nervi picei ; nervus humeralis ulnari multo longior, radialis ulnari brevior, cubitalis brevissimus ; stigma minutum. (Corp. long. lin. 2 ; alar. lin. 2.)

Taken by E. Doubleday, Esq. near New York.

Trichogramma Carina. *Niger*, antennæ fusæ, pedes picei, alæ limpida.

Corpus nigrum, breve, depressum, nitens, læve, parce hirtum : caput transversum, brevissimum, impressum, thoracis latitudine ; vertex sat latus ; frons abrupte declivis : oculi picei, mediocres, non extantes : antennæ fusæ, hirtæ, fusiformes, thorace longiores ; articulus 1^{us} longus, gracilis, fusiformis ; 2^{us} cyathiformis ; 3^{us} et sequentes ad 7^{um} clavam fidentes fusiformes : thorax ovatus : prothorax transversus, supra non conspicuus : mesothoracis scutum longitudine latius ; parapsidum suturæ non bene determinatæ ; scutellum parvum : metathorax brevissimus : petiolus nullus : abdomen sublineare, thorace paullo longius vix angustius : pedes picei, simplices, subæquales : alæ limpida ; proalæ latissimæ ; squamulæ picæ ; nervi fuscii, costæ dimidiæ vix longitudine. (Corp. long. lin. $\frac{1}{4}$; alar. lin. $\frac{1}{4}$.)

July : Forest of Fontainebleau.

XV.—On the Diatomacæ. By JOHN RALFS, Esq., M.R.C.S., Penzance*.

[With Plates.]

[Continued from vol. xi. p. 457.]

TESSELLA, Eh.

FILAMENTS free ; frustules irregularly separating and adhering by the angles, striated.

Striatella, *Tabellaria*, *Tetracyclus* and this genus form a distinct group of the *Cymbellæ*, distinguished from the other genera by having striæ on the central portion of the frustule. *Tessella* differs from *Striatella*, as its filaments are not attached† ; from *Tetracyclus*, as its frustules here and there cohere at their angles ; and from *Tabellaria*, as its striæ are not interrupted in the centre.

1. *T. catena*, Eh. Frustules with several longitudinal series of short

* Read before the Botanical Society of Edinburgh.

† “Sæpe implexum nec affixum.”—Ehrenberg, Die Inf. p. 201.