



## LIVIA JUNCORUM.

ORDER Homoptera.

FAM. Psyllidæ.

*Type of the Genus, Livia Juncorum Lat.*

LIVIA Lat., Curt.—Psylla Lat.—Diraphia Ill.

*Antennæ* porrected, as long as the head and inserted on each side, on a shoulder before the eyes, 10-jointed, 2 basal joints robust, the others slender and filiform, 1st joint cup-shaped, 2nd very large, elongate-ovate, truncated at the apex, 3rd small cup-shaped, the remainder more or less quadrate or ovate, the apical joint slightly notched and furnished at the apex with 2 unequal short divaricating bristles (4).

*Rostrum* a small thick conical lobe (1\*2).

Head large and flat, deeply notched in front: eyes remote oval and situated on each side near to the base. Ocelli 2 placed behind the eyes (1, the head and base of antennæ in profile; 1\*, underside of the same). Thorax not broader than the head; prothorax forming a transverse linear band; scutellum small. Abdomen short, conical and furnished with an Ovipositor in the female. Wings deflexed when at rest, superior coriaceous, broad and ovate with 2 marginal cells, a branched nervure near the middle, each branch furcate at the margin, and 2 oblique nervures below (9); inferior smaller, very transparent with a few very fine nervures (9\*). Legs similar and small, with a spine at the base of each of the posterior coxæ? thighs compressed: tibiæ subclavate, the hinder pair with a ring of short spines at the apex: tarsi triarticulate, 1st joint scarcely to be detected except in the hinder feet, 2nd joint short nearly as long as the 3rd in the same pair: Claws minute (6†, hind leg with a portion of the postpectus attached to show the spine).

Larvæ very flat and elliptical, with antennæ and 6 feet.

Pupæ similar to the larvæ, with rudimentary elytra.—Lat. Hist. Nat. des Four. pl. 12. f. 3. B.

JUNCORUM Lat.—Curt. Guide, Gen. 1049. 1.

Lurid ochre, finely rugose, 3 basal joints of antennæ red the remainder whitish, excepting the 2 apical joints which are black, head red excepting a stripe down the crown, central part beneath black, leaving the apex of the clypeus and the base of the Labrum ochreous: thorax red, the segments margined with greenish ochre: postscutellum black, sides scarlet: superior wings palest towards the costa; inferior colourless.

*In the Author's and other Cabinets.*

THIS singular little insect is nearest related to Psylla; but the form of the head, the prothorax, and antennæ, will show that it was necessary to separate it from that group.

Not having living specimens, I was unable to discover the mandibles and maxillæ, but Latreille says they (*les soies*) appeared to him very long; neither could I ascertain whether the curious spine shown at fig. 6†. was attached to the postpectus or the coxæ; but I am inclined to think to the latter. I discovered, however, that the tarsi consisted of 3 joints, and not of 2, as hitherto stated.

In our excursion last July to Bottisham Fen, Prof. Henslow pointed out to me the singular appearance of the *Juncus*, as represented in our plate, and informed me that it was occasioned by the *Livia Juncorum*; and on opening the tuft we found the larvæ and pupæ in some abundance. As Latreille was the first historian of our insect, and gave a very excellent memoir upon it, I shall give some of his remarks upon its æconomy. He informs us, that “the females deposit their eggs in the flowers of the *Juncus articulatus* (pl. 2.), or at least in their shoots. The sap of the plant repairing to these parts in greater abundance, it forms there a monstrosity, which has the appearance of a bundle of grass. The divisions of the calyx are elongated into a sort of barb or awn. The eggs are few in number, tolerably large, oval, yellowish, shining, marked with a red dot at one end, and attached to the leaves by a pedicel. The Larvæ, as well as the Pupæ, move slowly. They live constantly inclosed in the interior of these false galls, supporting themselves on the juice of the plant, and voiding a farinaceous matter very white, in the midst of which they seem to delight in living. The perfect insect also remains there very quietly, and, like the other *Psyllidæ*, it jumps more than it walks.”

The coloured Plant is *Lathyrus palustris* (Marsh Vetchling).



# LIVILLA ULICIS.

ORDER Homoptera.

FAM. Psyllidæ.

*Type of the Genus Livilla Ulicis Curt.*

LIVILLA Curt.

*Antennæ* inserted on each side of the head, before the eyes, as long as the head and thorax, capillary, scabrous and 10-jointed, 2 basal joints stout, obovate-truncate, the remainder slender, 3rd very long, the following shorter, 9th and 10th the shortest, the apex furnished with 2 little unequal bristles (4).

*Mandibles* and *Maxillæ* setiform.

*Labium* small, attached to the hinder part of the face, and projecting between the anterior coxæ, biarticulate, 1st joint elongated, 2nd horny and conical, with a small tuft of hair on each side (2).

Head large, with the front produced and deeply cleft, forming 2 large cylindric somewhat conical lobes: eyes remote, lateral, prominent and globose: ocelli, one placed on each side close to the eyes and a 3rd probably at the base of the cleft. Thorax suborbicular, with a broad narrow collar: scutellum small, semiorbicular. Abdomen short, broad, and subovate. Elytra deflexed in repose, large, coriaceous, convex and ovate, the nervures raised, one simple and 2 furcated: wings small, membranaceous, oval, with short costal cells, one simple and 2 furcate nervures. Legs short: hinder coxæ with a large spine: thighs very short, especially the anterior: tibiæ simply clavate, the hinder with a few minute spines at the apex: tarsi biarticulate, the joints nearly of equal length: claws 6-jointed, a hind leg, including the trochanter).

ULICIS Curt.—*Guide, Gen.* 1049<sup>b</sup>. 1.

Black, shining; lobes of the head hairy; antennæ ochreous at the base: elytra pitchy-brown, slightly rugose; wings pale fuscous, costal nervures pitchy, the others brown: legs pubescent, ochreous, hinder thighs brown, except at their tips; spines of tibiæ and claws blackish.

*In the Cabinets of Mr. Dale and the Author.*

OF this family we have already figured the other two genera, *Livia* (pl. 492) and *Psylla* (pl. 565), which *Livilla* connects, its coriaceous elytra and stoutish legs agreeing with the former, but making a nearer approach to the latter in the form of the head and proportions of the antennæ.

For specimens of this new and curious little insect I am indebted to Mr. Dale, by whom they were discovered upon Furze-bushes and grass the 28th June in Mr. Webb's plantation, Annis, West Camel, Somerset, and the following day in plenty on Higham Hill, near Breach Wood, Langport, in the same county. This insect has the power of jumping like the rest of the family, and I have observed that the *Psyllæ* expand their wings on such occasions.

The Plant is *Avena* (*Trisetum* Pers.) *pubescens*, Downy Oat.





## PSYLLA FRAXINI.

## Chermes of the Ash.

ORDER Homoptera.

FAM. Psyllidæ.

*Type of the Genus, Chermes Betulæ Alni Linn.*

PSYLLA Geoff., Lat., Curt.—Chermes Linn., DeG., Fab., Gmel.

*Antennæ* inserted before the eyes, sometimes as long as the body, filiform, 10-jointed, basal joint stout subquadrate, with a few bristles, 2nd small and oblong, remainder very slender, 3rd joint longer than the 4th, the following slightly increasing in length to the 9th joint, which is not longer than the 4th; 10th joint considerably shorter and terminated by 2 unequal bristles (4).

*Labrum* ? elongate-ovate.

*Mandibles* and *Maxillæ* long slender setæ, curved at the base (1).

*Labium* conducted from the head under the antepectus and appearing between the coxæ of the anterior legs (T 2); short stout and triarticulate; basal joint elongated, 2nd much shorter and slenderer, 3rd suborbicular (2).

Head short but broad, deeply notched before (1, the upper side): eyes lateral, small globose and prominent: ocelli 3, on the crown very remote.

Thorax subglobose. Abdomen short, that of the male furnished towards the apex with a long erect hairy lobe, 2 others forming an arch at the apex, with a short oblique process between them (A ♂): ovipositor exerted, rather large and a little curved, composed of an oviduct inclosed by an upper and under valve, and 2 lateral ones united at the base (♀). Wings deflexed in repose, superior very ample, elongate ovate, with 3 furcate nervures; inferior smaller, with very indistinct nervures. Legs short, hinder pair a little longer and formed for leaping; coxæ, posterior with a strong spine beneath: tibiæ with minute spines at the apex, hinder pair the longest, with a hook outside at the base: tarsi short and biarticulate: claws hooked; pulvilli small (8†, hind leg, including the coxa).

Pupæ suborbicular and depressed.

FRAXINI Linn.—Curt. Guide, Gen. 1050. n. 15.

Yellow, variegated with orange and black: tips of the clypeus, a triangular spot on the crown of the head, an interrupted circle on the thorax and the scutellum (excepting 2 yellow spots), black: abdomen banded with the same colour: superior wings with the nervures ochreous except at the apex, which is margined with brown, forming 3 or 4 irregular spots, basal angle brown with a short black line at its insertion: inferior wings with a brown stripe on the anal angle: centre of the thighs and tips of tarsi and antennæ black.

*In the Author's and other Cabinets.*

PSYLLA is a very numerous genus, which has been but little attended to. Linnæus only gives their names, which, like the Aphides, are for the most part derived from the plants that they inhabit. Many species in their larvæ and pupæ states are clothed with a white fleecy and cottony substance, and their excrement forms threads or masses of a glutinous and



sweet nature. The perfect insects jump when disturbed, in which the authors of the *Int.* to *Ent.* think they are assisted by the short spines attached to the hinder coxæ. One of the most remarkable appearances in this group is the singular situation of the rostrum or promuscis as it is called, which seems to spring from the breast, in consequence of the face being oblique, and the head so closely united to the antepectus as to render their separation difficult.

Latreille says that some species in piercing vegetables in order to suck the sap, cause in parts, especially on the leaves and buds, monstrosities like galls in appearance. Both Reaumur and DeGeer have illustrated this group, and the list in my Guide will be found in Gmelin's *Syst. Nat.*

5. *P. Pyri* *Linn.*—*DeG.* v. 3. *pl.* 9. *f.* 1—16.

The following accurate observations in a letter I received from T. A. Knight, Esq., of Downton, seem to apply to this species. "The insect first appears in April and May, solitarily on the lower surfaces of the leaves in the Pear, inclosed in a globule of honey, and subsequently retires to the bases of the leaves and deposits much honey upon the buds. The gardener is first made acquainted with its presence by the number of Humble-bees which are attracted by its honey, but in a short time the diminished growth of the fruit and the sickly appearance of the foliage point out to him the injurious operation of his minute enemy."

15. *Fraxini* *Linn.*—*Curt. Brit. Ent.* *pl.* 565 ♂.

Beginning of July, plantations near Dover and Killarney; end of August on Ash-trees in Skye.

5<sup>a</sup>. *Visci* *Curt.*—Breadth  $3\frac{2}{3}$  lines: pale green, becoming ochreous after death: antennæ as long as the body, black at the apex, each joint, excepting the two basal ones, tipped with the same colour: superior wings slightly tinged with brown, with a darker undefined spot on the inferior margin.

This I bred the middle of May from pupæ found on the Misseltree at Rougham by Mr. Ralph Bennet.

22<sup>a</sup>. *Ulicis* *Curt.*—Breadth 3 lines: green, sometimes spotted with red and black, forming dots and lines on the head and thorax: superior wings with a brown line along the centre and dots on the posterior margin, alternating with the nervures. The male is generally more rufous.

Abundant the middle of August on Furze-bushes in Brodick-bay, Isle of Arran.

25. *Ericæ* *Curt.*—Breadth 1 line: very short and broad; green or tawny; antennæ shorter than the thorax: ocelli ruby-colour: superior wings greenish or tawny, nervures not darker.

This diminutive species is found on heath, generally in plantations. I have taken it in the Isle of Bute and near Killarney in July, and Mr. F. Walker has met with it.

The Plant is *Fraxinus excelsior* (Common Ash).

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<i>Anthonomus pomorum</i> . . . . .	562	12	2	<i>Bracon denigrator</i> . . . . .	69	2	3
<i>Anthophora Haworthana</i> . . . . .	357	8	4	<i>Brepha notha</i> . . . . .	121	3	5
<i>Anthrax ornata</i> . . . . .	9	1	8	<i>Bruchus ater</i> . . . . .	754	16	2
<i>Anthribus albinus</i> . . . . .	726	16	2	<i>Bryaxis sulcicollis</i> . . . . .	315	7	1
<i>Apamea Haworthii</i> . . . . .	260	6	5	<i>Bupalus favillacearius</i> . . . . .	33	1	6

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<i>Buprestis nitidula</i> . . . . .	31	1	2	<i>Cleonymus maculipennis</i> . . . . .	194	4	3
<i>Byrrhus Dennii</i> . . . . .	135	3	2	<i>Cleora cinctaria</i> . . . . .	88	2	6
<i>Byturus tomentosus</i> . . . . .	618	13	1	<i>Cleptes nitidula</i> . . . . .	724	16	4
<i>Cacicula scutellata</i> . . . . .	144	3	2	<i>Clerus alvearius</i> . . . . .	44	1	2
<i>Cacidula</i> . . . . .	<i>ib.</i>			<i>Chisiocampa castrensis</i> . . . . .	229	5	5
<i>Cafius fucicola</i> . . . . .	322	7	1	<i>Clivina collaris</i> . . . . .	175	4	1
<i>Calathus latus</i> . . . . .	184	4	1	<i>Clostera anachoreta</i> . . . . .	715	15	5
<i>Callicerus Spencii</i> . . . . .	443	10	1	<i>Clythra tridentata</i> . . . . .	582	13	2
<i>Callidum striatum</i> . . . . .	295	7	2	<i>Clytus 4-punctatus</i> . . . . .	199	5	2
<i>Callimome subterraneus</i> . . . . .	552	12	3	<i>Caephasia bellana</i> . . . . .	100	3	6
<i>Callimorpha jacobææ</i> . . . . .	499	11	5	<i>Coccinella ocellata</i> . . . . .	208	5	2
<i>Callistus lunatus</i> . . . . .	180	4	1	<i>Coccus aceris</i> . . . . .	717	15	7
<i>Calosoma sycophanta</i> . . . . .	330	7	1	<i>Cochleophasia tessellea</i> . . . . .	487	11	6
<i>Cantharis vesicatoria</i> . . . . .	658	14	2	<i>Cochylis rupicola</i> . . . . .	491	11	6
<i>Capsus lirtus</i> . . . . .	693	15	7	<i>Cedioxys vectis</i> . . . . .	349	8	4
<i>Carabus exasperatus</i> . . . . .	446	10	1	<i>Colax dispar</i> . . . . .	166	4	3
<i>Caradrina bilinea</i> . . . . .	651	14	5	<i>Colias hyale</i> . . . . .	242	6	5
<i>Cardiapus Mathewsii</i> . . . . .	435	10	2	<i>Colletes fodiens</i> . . . . .	85	2	4
<i>Carpocapsa Leplastriana</i> . . . . .	352	8	6	<i>Colymbetes consobrinus</i> . . . . .	207	5	1
<i>Cassida salicorniæ</i> . . . . .	127	3	2	<i>Coniopteryx psociformis</i> . . . . .	528	11	4
<i>Catocala elocata</i> . . . . .	217	5	5	<i>Conopalpus testaceus</i> . . . . .	112	3	2
<i>Catops dissimulator</i> . . . . .	566	12	1	<i>Conops macrocephala</i> . . . . .	377	8	8
<i>Cecidomyia verna</i> . . . . .	178	4	8	<i>Copris lunaris</i> . . . . .	414	9	1
<i>Ceclinus anceps</i> . . . . .	289	6	3	<i>Coranus subapterus</i> . . . . .	453	10	7
<i>Centrotus genistæ</i> . . . . .	313	7	7	<i>Cordulia Curtisi</i> . . . . .	616	13	4
<i>Cephus femoratus</i> . . . . .	301	7	3	<i>Cordylura livens</i> . . . . .	485	11	8
<i>Cerambyx moschatus</i> . . . . .	738	16	2	<i>Coreus scapha</i> . . . . .	174	4	7
<i>Ceraphron Halidayi</i> . . . . .	249	6	3	<i>Corizus hyoseyami</i> . . . . .	481	10	7
<i>Cerapteryx hibernicus</i> . . . . .	451	10	5	<i>Corynetes violaceus</i> . . . . .	351	8	2
<i>Ceratopsyllus elongatus</i> . . . . .	417	9	7	<i>Corynopus St. Farg.</i> . . . .	656	14	4
<i>Cerceris leta</i> . . . . .	269	6	4	<i>Cossonus Tardii</i> . . . . .	59	2	2
<i>Cercopis vulnerata</i> . . . . .	461	10	7	<i>Cossus ligniperda</i> . . . . .	60	2	5
<i>Ceria couopsoides</i> . . . . .	186	4	8	<i>Crabro subpunctatus</i> . . . . .	680	15	4
<i>Ceropales variegatus</i> . . . . .	756	16	4	<i>Cranbus radiellus</i> . . . . .	109	3	6
<i>Cerostoma annulatella</i> . . . . .	420	9	6	<i>Craterina hirundinis</i> . . . . .	112	3	8
<i>Cerura latifascia</i> . . . . .	193	4	5	<i>Crioceris puncticollis</i> . . . . .	323	7	2
<i>Cetonia stictica</i> . . . . .	374	8	1	<i>Crusus septentrionalis</i> . . . . .	17	1	3
<i>Ceutorhynchus geranii</i> . . . . .	670	14	2	<i>Cryptocephalus bipustulatus</i> . . . . .	35	1	2
<i>Chænon anceps</i> . . . . .	289	6	3	<i>Cryptophagus populi</i> . . . . .	160	4	1
<i>Chalcidea delphini</i> . . . . .	76	2	5	<i>Cryptus bellosus</i> . . . . .	668	14	3
<i>Charissa operaria</i> . . . . .	105	3	6	<i>Cryptus pallipes</i> . . . . .	58	2	3
<i>Chelaria rhomboidella</i> . . . . .	368	8	6	<i>Ctenophora ornata</i> . . . . .	5	1	8
<i>Chelonus Wesmælii</i> . . . . .	672	14	3	<i>Cucujus spartii</i> . . . . .	510	11	2
<i>Chelostoma florissomnis</i> . . . . .	628	14	4	<i>Cucullia asteris</i> . . . . .	45	1	5
<i>Chilo lanecolellus</i> . . . . .	727	16	6	<i>Culex guttatus</i> . . . . .	537	12	8
<i>Chimarra marginata</i> . . . . .	561	12	4	<i>Cybister Roesslii</i> . . . . .	151	4	1
<i>Chironomus festinus</i> . . . . .	90	2	8	<i>Cychnus rostratus</i> . . . . .	426	9	1
<i>Chlænien sulcicollis</i> . . . . .	83	2	1	<i>Cydnius dubius</i> . . . . .	74	2	7
<i>Chorosoma arundinis</i> . . . . .	297	7	7	<i>Cynips nervosa</i> . . . . .	688	15	3
<i>Chrysis fulgida</i> . . . . .	8	1	4	<i>Cyphon pini</i> . . . . .	602	13	2
<i>Chrysocorys scissella</i> . . . . .	663	14	6	<i>Damophila trifolii</i> . . . . .	391	9	6
<i>Chrysomela adonidis</i> . . . . .	111	3	2	<i>Daphnis nerii</i> . . . . .	626	14	5
<i>Chrysopa abbreviata</i> . . . . .	520	11	4	<i>Dascillus cervinus</i> . . . . .	216	5	2
<i>Chrysotoxum octomaculatum</i> . . . . .	653	14	8	<i>Dasygoda Swammerdamella</i> . . . . .	367	8	4
<i>Cicada anglica</i> . . . . .	392	9	7	<i>Dasypogon brevisrostris</i> . . . . .	153	4	8
<i>Cicindela sylvicola</i> . . . . .	1	1	1	<i>Decatoma Cooperi</i> . . . . .	345	8	3
<i>Cieones carpi</i> . . . . .	149	4	2	<i>Deilephila euphorbiæ</i> . . . . .	3	1	5
<i>Cilleum laterale</i> . . . . .	200	5	1	<i>Deiopeia pulchra</i> . . . . .	169	4	5
<i>Cimbex 10-maculatus</i> . . . . .	41	1	3	<i>Delphax longipennis</i> . . . . .	657	14	7
<i>Cimex lectularius</i> . . . . .	569	12	7	<i>Demetrias monostigma</i> . . . . .	119	3	1
<i>Cinara roboris</i> . . . . .	576	12	7	<i>Dendrolinus pini</i> . . . . .	7	1	5
<i>Cinetus dorsiger</i> . . . . .	380	8	3	<i>Dendrophilus Sheppardi</i> . . . . .	131	3	1
<i>Cis bidentatus</i> . . . . .	402	9	2	<i>Depressaria Bluntii</i> . . . . .	221	5	6
<i>Cistela ceramoides</i> . . . . .	594	13	2	<i>Dermestes lardarius</i> . . . . .	682	15	2
<i>Cixius Dionysii</i> . . . . .	673	14	7	<i>Dianous cæruleus</i> . . . . .	107	3	1
<i>Cladius pilicornis</i> . . . . .	457	10	3	<i>Diaperis boleti</i> . . . . .	358	8	1
<i>Clavellaria marginata</i> . . . . .	93	2	3	<i>Dictyonota crassicornis</i> . . . . .	154	4	7
<i>Cleodora cytisella</i> . . . . .	671	14	6	<i>Dimorpha Hub.</i> . . . .	755	16	5



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<i>Diodontus gracilis</i> . . . . .	496	11	4	<i>Gonia ruficeps</i> . . . . .	533	12	8
<i>Diphthera Orion</i> . . . . .	404	9	5	<i>Gortyna micacea</i> . . . . .	252	6	5
<i>Dірnea novembris</i> . . . . .	743	16	6	<i>Gorytes bicinctus</i> . . . . .	524	11	4
<i>Dixa nebulosa</i> . . . . .	409	9	8	<i>Gracillaria anastomosis</i> . . . . .	479	10	6
<i>Dolichopeza sylvicola</i> . . . . .	62	2	8	<i>Gryllotalpa vulgaris</i> . . . . .	456	10	3
<i>Donacia taphæ</i> . . . . .	494	11	2	<i>Gymnætrion graminis</i> . . . . .	627	14	2
<i>Drapetis aterrima</i> . . . . .	397	9	8	<i>Gyrinus bicolor</i> . . . . .	79	2	1
<i>Dromius spilotus</i> . . . . .	231	5	1	<i>Hadena Cucubali</i> . . . . .	308	7	5
<i>Drosophila cameraria</i> . . . . .	473	10	8	<i>Hæmatopota italica</i> . . . . .	525	11	8
<i>Dryinus cursor</i> . . . . .	206	5	3	<i>Hæmobora pallipes</i> . . . . .	14	1	8
<i>Drymonia dodonæa</i> . . . . .	755	16	5	<i>Halias quercana</i> . . . . .	575	12	6
<i>Drypta emarginata</i> . . . . .	454	10	1	<i>Halictophagus Curtisii</i> . . . . .	433	9	3
<i>Dysclurius inermis</i> . . . . .	354	8	1	<i>Halictus</i> . . . . .	448	10	4
<i>Dytiscus dimidiatus</i> . . . . .	99	3	1	<i>Haliphus ferrugineus</i> . . . . .	730	16	1
<i>Ederesa semitestaceella</i> . . . . .	719	15	6	<i>Hallomenus flexuosus</i> . . . . .	474	10	2
<i>Elaphrus nigrinosus</i> . . . . .	179	4	1	<i>Hamearis Lucina</i> . . . . .	316	7	5
<i>Elatr aterrimus</i> . . . . .	694	15	2	<i>Hapalia præcox</i> . . . . .	539	12	5
<i>Electra albocrenata</i> . . . . .	603	13	6	<i>Harpalus ruficeps</i> . . . . .	458	10	1
<i>Elenchus Walkerii</i> . . . . .	385	8	3	<i>Harpiteryx scabrella</i> . . . . .	535	12	6
<i>Elmis Voickmari</i> . . . . .	294	7	1	<i>Harpocera Burmeisteri</i> . . . . .	709	15	7
<i>Elodes pini</i> . . . . .	602	13	2	<i>Hecabolus sulcatus</i> . . . . .	507	11	3
<i>Elophorus fennicus</i> . . . . .	466	10	1	<i>Hedychrum ardens</i> . . . . .	38	1	4
<i>Emphytus fasciatus</i> . . . . .	436	10	3	<i>Helcomyza ustulata</i> . . . . .	66	2	8
<i>Empis borealis</i> . . . . .	18	1	8	<i>Heleodromia bistigma</i> . . . . .	513	11	8
<i>Emus hirtus</i> . . . . .	534	12	1	<i>Heliothis scutosa</i> . . . . .	595	13	5
<i>Encyrtus vitis</i> . . . . .	395	9	3	<i>Helobia Gyllenhalii</i> . . . . .	103	3	1
<i>Endomychus coccineus</i> . . . . .	570	12	2	<i>Helodes beccabungæ</i> . . . . .	506	11	2
<i>Endromis versicolor</i> . . . . .	434	10	5	<i>Helomyza rufa</i> . . . . .	545	12	8
<i>Enicocerus Gibsoni</i> . . . . .	291	7	1	<i>Helophilus Ruddii</i> . . . . .	429	9	8
<i>Eunomus angularia</i> . . . . .	667	14	6	<i>Helops pallidus</i> . . . . .	298	7	2
<i>Epeolus variegatus</i> . . . . .	516	11	4	<i>Helorus anomalipes</i> . . . . .	403	9	3
<i>Ephemera cognata</i> . . . . .	708	15	4	<i>Hemerobius fimbriatus</i> . . . . .	202	5	4
<i>Ephydra spilota</i> . . . . .	413	9	8	<i>Henops marginatus</i> . . . . .	110	3	8
<i>Ephyra pictaria</i> . . . . .	447	10	6	<i>Hepialus sylvinus</i> . . . . .	185	4	5
<i>Erastria ostrina</i> . . . . .	140	3	5	<i>Heriades truncorum</i> . . . . .	504	11	4
<i>Eriocephala calthella</i> . . . . .	751	16	6	<i>Hesperia Actæon</i> . . . . .	442	10	5
<i>Erioptera crassipes</i> . . . . .	557	12	8	<i>Heterocerus obsoletus</i> . . . . .	224	5	1
<i>Erirhinus æthiops</i> . . . . .	634	14	2	<i>Heterogaster laticeps</i> . . . . .	597	13	7
<i>Eristalis nubilipennis</i> . . . . .	432	9	8	<i>Heteroneura albimana</i> . . . . .	721	15	8
<i>Eubolia cervinaria</i> . . . . .	707	15	6	<i>Hilara cilipes</i> . . . . .	130	3	8
<i>Euceros albitarsus</i> . . . . .	660	14	3	<i>Hipparchia Hero</i> . . . . .	205	5	5
<i>Euclidia glyphica</i> . . . . .	659	14	5	— Arcanius . . . . .	205*	5	5
<i>Eudorea murana</i> . . . . .	170	4	6	<i>Hipparchus smaragdarius</i> . . . . .	300	7	6
<i>Eulepia cribrum</i> . . . . .	56	2	5	<i>Hippobosca equina</i> . . . . .	421	9	8
<i>Eulophus damicornis</i> . . . . .	133	3	3	<i>Hister 4-maculatus</i> . . . . .	470	10	1
<i>Eumenes atricornis</i> . . . . .	13	1	4	<i>Holoparamesus depressus</i> . . . . .	614	13	2
<i>Eumerus litoralis</i> . . . . .	749	16	8	<i>Homalota dimidiata</i> . . . . .	514	11	1
<i>Eupithecia linariata</i> . . . . .	64	2	6	<i>Hybernia defoliaria</i> . . . . .	703	15	6
<i>Euplocamus mediellus</i> . . . . .	591	13	6	<i>Hybos pilipes</i> . . . . .	661	14	8
<i>Eupteryx ornatipennis</i> . . . . .	640	14	7	<i>Hydaticus cinereus</i> . . . . .	95	2	1
<i>Evania fulvipes</i> . . . . .	257	6	3	<i>Hydræna testacea</i> . . . . .	307	7	1
<i>Eyprepia russula</i> . . . . .	21	1	5	<i>Hydrobius chalconotus</i> . . . . .	243	6	1
<i>Falagria thoracica</i> . . . . .	462	10	1	<i>Hydrocampa stratiotata</i> . . . . .	495	11	6
<i>Fœnus assectator</i> . . . . .	423	9	3	<i>Hydrochus elongatus</i> . . . . .	359	8	1
<i>Forficula borealis</i> . . . . .	560	12	3	<i>Hydræssa pygmæa</i> . . . . .	681	15	7
<i>Formica rufa</i> . . . . .	752	16	4	<i>Hydrometra stagnorum</i> . . . . .	32	1	7
<i>Galeruca viburni</i> . . . . .	371	8	2	<i>Hydrophilus caraboides</i> . . . . .	159	4	1
<i>Galesus fuscipennis</i> . . . . .	341	8	3	<i>Hydroporus Davisii</i> . . . . .	343	8	1
<i>Galleria mellonella</i> . . . . .	587	13	6	<i>Hydropsiche fulvipes</i> . . . . .	601	13	4
<i>Gasterophilus salutiferus</i> . . . . .	146	3	8	<i>Hydrotæa ciliata</i> . . . . .	768	16	8
<i>Gastropacha quercifolia</i> . . . . .	24	1	5	<i>Hydræus piceus</i> . . . . .	239	5	1
<i>Geotrupes lævis</i> . . . . .	266	6	1	<i>Ilygrotus decoratus</i> . . . . .	531	12	1
<i>Geranomyia unicolor</i> . . . . .	573	12	8	<i>Ilyæus dilatatus</i> . . . . .	373	8	4
<i>Gerris apicalis</i> . . . . .	553	12	7	<i>Ilycæctus dermestoides</i> . . . . .	654	14	2
<i>Gibbium scotias</i> . . . . .	342	8	2	<i>Ilylesinus scaber</i> . . . . .	522	11	2
<i>Glaea subnigra</i> . . . . .	268	6	5	<i>Hylotoma Stephensii</i> . . . . .	65	2	3
<i>Glyptohyterx Linneella</i> . . . . .	152	4	6	<i>Hylurgus piniperda</i> . . . . .	104	3	2
<i>Gonepteryx rhamni</i> . . . . .	173	4	5	<i>Hypena crassalis</i> . . . . .	288	6	6

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<i>Hypera fasciculosa</i> . . . . .	116	3	2	<i>Macaria liturata</i> . . . . .	132	3	6
<i>Hypogymna monacha</i> . . . . .	767	16	5	<i>Macrocera stigma</i> . . . . .	637	14	8
<i>Hypophlaeus bicolor</i> . . . . .	430	9	2	<i>Macrocnema unimaculata</i> . . . . .	486	11	2
<i>Hypulus biflexuosus</i> . . . . .	255	6	2	<i>Macroglossa stellularum</i> . . . . .	747	16	5
<i>Hyria auroraria</i> . . . . .	523	11	6	<i>Macrolepa equiseti</i> . . . . .	318	7	2
<i>Jassus reticulatus</i> . . . . .	636	14	7	<i>Magdalis carbonarius</i> . . . . .	212	5	2
<i>Ibalia cultellator</i> . . . . .	22	1	3	<i>Malachius hispinosus</i> . . . . .	167	4	2
<i>Ichneumon amatorius</i> . . . . .	728	16	3	<i>Masoreus luxatus</i> . . . . .	287	6	1
<i>Ichneumon atropos</i> . . . . .	234	5	3	<i>Medeterus notatus</i> . . . . .	162	4	8
<i>Idiocerus maculipennis</i> . . . . .	733	16	7	<i>Megachile Willughbiella</i> . . . . .	218	5	4
<i>Incurvaria masculella</i> . . . . .	607	13	6	<i>Megatoma serra</i> . . . . .	244	6	2
<i>Ino statice</i> . . . . .	396	9	5	<i>Melandrya canaliculata</i> . . . . .	155	4	2
<i>Ips 4-punctata</i> . . . . .	306	7	1	<i>Melanippe Blomeri</i> . . . . .	416	9	6
<i>Issus coleoptratus</i> . . . . .	449	10	7	<i>Melasis buprestoides</i> . . . . .	55	2	2
<i>Lagria hirta</i> . . . . .	598	13	2	<i>Melecta punctata</i> . . . . .	125	3	4
<i>Lamia nubila</i> . . . . .	172	4	2	<i>Meliana flammea</i> . . . . .	201	5	6
<i>Lamprias cyanocephalus</i> . . . . .	282	6	1	<i>Melitea Selene</i> . . . . .	386	9	4
<i>Lampronia luzella</i> . . . . .	639	14	6	<i>Mellinus sabulosus</i> . . . . .	580	13	4
<i>Lampronota crenicornis</i> . . . . .	407	9	3	<i>Meloe brevicollis</i> . . . . .	279	6	2
<i>Lampyrus noctiluca</i> . . . . .	698	15	2	<i>Melolontha fullo</i> . . . . .	406	9	1
<i>Laphria nigra</i> . . . . .	94	2	8	<i>Melophagus ovinus</i> . . . . .	142	3	8
<i>Larissa imbutata</i> . . . . .	324	7	6	<i>Merodon clavipes</i> . . . . .	98	2	8
<i>Lasiocampa medicaginis</i> . . . . .	181	4	5	<i>Mesochorus sericans</i> . . . . .	464	10	3
<i>Lasioglossum tricingulum</i> . . . . .	448	10	4	<i>Mesoleptus Waltoni</i> . . . . .	644	14	3
<i>Lathrobium terminatum</i> . . . . .	650	14	1	<i>Messala Saundersii</i> . . . . .	581	13	8
<i>Lathridius elongatus</i> . . . . .	311	7	2	<i>Methoca ichneumonides</i> . . . . .	329	7	4
<i>Laverna ochraceella</i> . . . . .	735	16	6	<i>Mezium sulcatum</i> . . . . .	232	5	2
<i>Lebia turcica</i> . . . . .	87	2	1	<i>Microdon apiformis</i> . . . . .	70	2	8
<i>Ledra aurita</i> . . . . .	676	15	7	<i>Microdus calculator</i> . . . . .	73	2	3
<i>Leia pulchella</i> . . . . .	645	14	8	<i>Microgaster alvearius</i> . . . . .	321	7	3
<i>Leiochiton Readii</i> . . . . .	346	8	1	<i>Micropeplus tessellata</i> . . . . .	204	5	1
<i>Leiodes cinnamomea</i> . . . . .	251	6	1	<i>Milesia speciosa</i> . . . . .	34	1	8
<i>Leiphron apicalis</i> . . . . .	476	10	3	<i>Miltogramma punctata</i> . . . . .	529	11	8
<i>Leistus fulvibarbis</i> . . . . .	176	4	1	<i>Mimesa Shuck.</i> . . . .	25	1	4
<i>Lepidocera Birdella</i> . . . . .	344	8	6	<i>Miris tritici</i> . . . . .	701	15	7
<i>Leptis diadema</i> . . . . .	713	15	8	<i>Miscodera Readii</i> . . . . .	346	8	1
<i>Leptocerus ochraceus</i> . . . . .	57	2	4	<i>Miselia bimaculosa</i> . . . . .	177	4	5
<i>Leptogramma irrorana</i> . . . . .	440	10	6	<i>Molania angustata</i> . . . . .	716	15	4
<i>Leptomorphus Walkeri</i> . . . . .	365	8	8	<i>Molophilus brevipennis</i> . . . . .	444	10	8
<i>Leptura apicalis</i> . . . . .	362	8	2	<i>Molorchus minor</i> . . . . .	11	1	2
<i>Lesteva Leachi</i> . . . . .	303	7	1	<i>Monochamus sartor</i> . . . . .	219	5	2
— <i>dichrous</i> . . . . .	<i>ib.</i>			<i>Mononychus pseudacori</i> . . . . .	292	7	2
<i>Leucania litoralis</i> . . . . .	157	4	5	<i>Mordella abdominalis</i> . . . . .	483	11	2
<i>Libellula rubicunda</i> . . . . .	712	15	4	<i>Musca chloris</i> . . . . .	549	12	8
<i>Licinus depressus</i> . . . . .	75	2	1	<i>Mutilla ephippium</i> . . . . .	77	2	4
<i>Linnenitis Camilla</i> . . . . .	124	3	5	<i>Mycetrea hirta</i> . . . . .	502	11	1
<i>Limnophilus elegans</i> . . . . .	488	11	4	<i>Mycetophagus piceus</i> . . . . .	156	4	1
<i>Limnobia ocellaris</i> . . . . .	50	1	8	<i>Mymar pulchellus</i> . . . . .	411	9	3
<i>Lissonota Grav.</i> . . . . .	407	9	3	<i>Myopa fulvipes</i> . . . . .	677	15	8
<i>Lithonia solidaginis</i> . . . . .	683	15	5	<i>Myrmecina Latreillii</i> . . . . .	265	6	4
<i>Lithostia muscerda</i> . . . . .	36	1	5	<i>Nascia ciliata</i> . . . . .	559	12	6
<i>Livia junceorum</i> . . . . .	492	11	7	<i>Nebria livida</i> . . . . .	6	1	1
<i>Livilla ulicis</i> . . . . .	625	13	7	<i>Necrobia ruficollis</i> . . . . .	350	8	2
<i>Lixus angustatus</i> . . . . .	542	12	2	<i>Necrodes littoralis</i> . . . . .	334	7	1
<i>Lobophora polycommata</i> . . . . .	81	2	6	<i>Necrophorus germanicus</i> . . . . .	71	2	1
<i>Locusta Christi</i> . . . . .	608	13	3	<i>Necydalis minor</i> . . . . .	11	1	2
<i>Lomechusa dentata</i> . . . . .	410	9	1	<i>Neides elegans</i> . . . . .	150	4	7
<i>Lomechusa flavicauda</i> . . . . .	761	16	8	<i>Nemosoma elongata</i> . . . . .	327	7	2
<i>Lophyrus pini</i> . . . . .	54	2	3	<i>Nemotelus nigritus</i> . . . . .	729	16	8
<i>Lucanus cervus</i> . . . . .	490	11	1	<i>Nepa cinerea</i> . . . . .	700	15	7
<i>Lucina fasciata</i> . . . . .	621	13	8	<i>Nitidula colon</i> . . . . .	675	15	1
<i>Luperus brassicae</i> . . . . .	370	8	2	<i>Nola monachalis</i> . . . . .	428	9	6
<i>Lycena dispar</i> . . . . .	12	1	5	<i>Nomada Dalii</i> . . . . .	419	9	4
<i>Lycoperdina bovistae</i> . . . . .	355	8	2	<i>Nonagria vectis</i> . . . . .	459	10	5
<i>Lycus minutus</i> . . . . .	263	6	2	<i>Nosodendron fasciculare</i> . . . . .	246	6	2
<i>Lyda fasciata</i> . . . . .	381	8	3	<i>Noterus sparsus</i> . . . . .	236	5	1
<i>Lygaeus equestris</i> . . . . .	481	10	7	<i>Nothus bipunctatus</i> . . . . .	538	12	2
<i>Lyneuxylon navale</i> . . . . .	382	8	2	<i>Notiophilus rufipes</i> . . . . .	254	6	1



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<i>Notodonta dromedarius</i> . . . . .	739	16	5	<i>Philalcea Juliana</i> . . . . .	583	13	6
<i>Notonecta maculata</i> . . . . .	10	1	7	<i>Philanthus androgynus</i> . . . . .	273	6	4
<i>Nudaria mundana</i> . . . . .	400	9	5	<i>Philonthus marginatus</i> . . . . .	610	13	1
<i>Nycteribia Latreillii</i> . . . . .	277	6	8	<i>Phlogophora lucipara</i> . . . . .	619	13	5
<i>Nyssia zonaria</i> . . . . .	615	13	6	<i>Phora abdominalis</i> . . . . .	437	10	8
<i>Obrium cantharinum</i> . . . . .	91	2	2	<i>Phryganea minor</i> . . . . .	592	13	4
<i>Ochthebius hibernicus</i> . . . . .	250	6	1	<i>Phthiria pulicaria</i> . . . . .	521	11	8
<i>Ocyptera brassicaria</i> . . . . .	629	14	8	<i>Phycita pinguis</i> . . . . .	233	5	6
<i>Odacantha melanura</i> . . . . .	227	5	1	<i>Physoscelus St. Farg.</i> . . . .	656	14	4
<i>Odonestis pini</i> . . . . .	7	1	5	<i>Phytomyza lateralis</i> . . . . .	393	9	8
<i>Odontia dentalis</i> . . . . .	563	12	6	<i>Phytosus spinifer</i> . . . . .	718	15	1
<i>Odynerus parietinus</i> . . . . .	137	3	4	<i>Pieris crataegi</i> . . . . .	360	8	5
<i>Æcophora sulphurella</i> . . . . .	408	9	6	<i>Pimpla æthiops</i> . . . . .	214	5	3
<i>Ædemera sanguinicollis</i> . . . . .	390	9	2	<i>Pipiza biguttata</i> . . . . .	669	14	8
<i>Æstrus pictus</i> . . . . .	106	3	8	<i>Pipunculus pratorum</i> . . . . .	757	16	8
<i>Omaseus aterrimus</i> . . . . .	15	1	1	<i>Platycephala planifrons</i> . . . . .	725	16	8
<i>Omophlus armeriæ</i> . . . . .	622	13	2	<i>Platycerus caraboides</i> . . . . .	274	6	1
<i>Onthophagus taurus</i> . . . . .	52	2	1	<i>Platygaster Boscii</i> . . . . .	309	7	3
<i>Onthophilus sulcatus</i> . . . . .	220	5	1	<i>Platyptera Meig.</i> . . . .	18	1	8
<i>Oomorplus concolor</i> . . . . .	347	8	2	<i>Platypteryx falcataria</i> . . . . .	555	12	6
<i>Opatrum tibiale</i> . . . . .	319	7	2	<i>Platypus cylindrus</i> . . . . .	51	2	2
<i>Opetia lonchopteroides</i> . . . . .	489	11	8	<i>Platyrhinus latirostris</i> . . . . .	723	16	2
<i>Ophion ventricosus</i> . . . . .	600	13	3	<i>Platystoma seminationis</i> . . . . .	505	11	8
<i>Ophiura lusoria</i> . . . . .	475	10	5	<i>Platyura flavipes</i> . . . . .	134	3	8
<i>Ophonus germanus</i> . . . . .	191	4	1	<i>Plusia illustris</i> . . . . .	731	16	5
<i>Opilus fasciatus</i> . . . . .	270	6	2	<i>Pocilus lepidus</i> . . . . .	187	4	1
<i>Orchesia fasciata</i> . . . . .	197	5	2	<i>Pogonus Burrelli</i> . . . . .	47	1	1
<i>Orchestes Waltoni</i> . . . . .	678	15	2	<i>Polia occulta</i> . . . . .	248	6	5
<i>Orgyia gonostigma</i> . . . . .	378	8	5	<i>Polistichus fasciolatus</i> . . . . .	223	5	1
<i>Ornithomyia fringillina</i> . . . . .	585	13	8	<i>Polycentropus irroratus</i> . . . . .	544	12	4
<i>Ortalis guttata</i> . . . . .	649	14	8	<i>Polydrusus speciosus</i> . . . . .	278	6	2
<i>Orthosia lunosa</i> . . . . .	237	5	5	<i>Polyommatus Lat.</i> . . . .	12	1	5
<i>Orthotænia turionella</i> . . . . .	364	8	6	<i>Pompilus rufipes</i> . . . . .	238	5	4
<i>Oryssus coronatus</i> . . . . .	460	10	3	<i>Pontia Daphidice</i> . . . . .	48	1	5
<i>Osmia parietina</i> . . . . .	222	5	4	<i>Porphyrops Wilsoni</i> . . . . .	541	12	8
<i>Otiorhynchus maurus</i> . . . . .	690	15	2	<i>Porrectaria albicosta</i> . . . . .	687	15	6
<i>Ourapteryx sambucaria</i> . . . . .	508	11	6	<i>Prionus coriarius</i> . . . . .	746	16	2
<i>Oxybelus argentatus</i> . . . . .	480	10	4	<i>Pristomerus vulnerator</i> . . . . .	624	13	3
<i>Oxycera Morrisii</i> . . . . .	441	10	8	<i>Proctotrupes areolator</i> . . . . .	744	16	3
<i>Oxyporus maxillosus</i> . . . . .	418	9	1	<i>Prostemma guttula</i> . . . . .	684	15	7
<i>Pachyenemia hippocastanaria</i> . . . . .	611	13	6	<i>Psammodius sulcicollis</i> . . . . .	258	6	1
<i>Pachygaster Leachii</i> . . . . .	42	1	8	<i>Psen equestris</i> . . . . .	25	1	4
<i>Pachymerus Grav.</i> . . . . .	624	13	3	<i>Psithyrus rupestris</i> . . . . .	468	10	4
<i>Pachyrhinus comari</i> . . . . .	558	12	2	<i>Psocus fenestratus</i> . . . . .	648	14	4
<i>Pæderus fuscipes</i> . . . . .	108	3	1	<i>Psodos equestrata</i> . . . . .	424	9	6
<i>Pædisca semifasciana</i> . . . . .	571	12	6	<i>Psyche radiella</i> . . . . .	332	7	5
<i>Pancalia Woodiella</i> . . . . .	304	7	6	<i>Psychoda 6-punctata</i> . . . . .	745	16	8
<i>Panorpa germanica</i> . . . . .	696	15	4	<i>Psylla fraxini</i> . . . . .	565	12	7
<i>Panurgus ursinus</i> . . . . .	101	3	4	<i>Pteromalus Dalm</i> . . . . .	166	4	3
<i>Papilio Podalirius</i> . . . . .	578	13	5	<i>Pterophorus spilodactylus</i> . . . . .	161	4	6
<i>Paragus sigillatus</i> . . . . .	593	13	8	<i>Pterostichus elongatus</i> . . . . .	196	5	1
<i>Paramecosoma bicolor</i> . . . . .	606	13	2	<i>Ptilophora plumigera</i> . . . . .	328	7	5
<i>Parnus impressus</i> . . . . .	80	2	1	<i>Ptinus 6-punctatus</i> . . . . .	646	14	2
<i>Patrobus alpinus</i> . . . . .	192	4	1	<i>Pulex talpæ</i> . . . . .	114	3	7
<i>Pelophila borealis</i> . . . . .	302	7	1	<i>Pygæra Bucephala</i> . . . . .	530	12	5
<i>Peltastes pini</i> . . . . .	4	1	3	<i>Pyrallis cribralis</i> . . . . .	527	11	6
<i>Pemphredon unicolor</i> . . . . .	632	14	4	<i>Pyrausta cingulalis</i> . . . . .	128	3	6
<i>Pentatoma cærulea</i> . . . . .	20	1	7	<i>Pyrochroa coccinea</i> . . . . .	590	13	2
<i>Penthina Grevillana</i> . . . . .	567	12	6	<i>Pyrrhocoris apterus</i> . . . . .	465	10	7
<i>Penthophera nigricans</i> . . . . .	213	5	5	<i>Quedius lateralis</i> . . . . .	638	14	1
<i>Perilampus pallipes</i> . . . . .	158	4	3	<i>Ranatra linearis</i> . . . . .	281	6	7
<i>Perla cephalotes</i> . . . . .	190	4	4	<i>Raphidia ophiopsis</i> . . . . .	37	1	4
<i>Peronea ruficostana</i> . . . . .	16	1	6	<i>Reduvius</i> . . . . .	453	10	7
<i>Peronecera fuscipennis</i> . . . . .	589	13	8	<i>Rhagio Heyshami</i> . . . . .	705	15	8
<i>Pezomachus Hopei</i> . . . . .	536	12	3	<i>Rhagium inquisitor</i> . . . . .	750	16	2
<i>Phagonia smaragdina</i> . . . . .	427	9	3	<i>Rhamphomyia pennata</i> . . . . .	517	11	8
<i>Phasia speciosa</i> . . . . .	697	15	8	<i>Rhaphium macrocerum</i> . . . . .	568	12	8
<i>Phibalapteryx virgata</i> . . . . .	623	13	6	<i>Rhingia campestris</i> . . . . .	182	4	8

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Rhopalum tibiale . . . . .	656	14	4	Tarus basalis . . . . .	235	5	1
Rhynchites similis . . . . .	642	14	2	Tasgius rufipes . . . . .	438	10	1
Rhyparochromus maculipennis . . . . .	612	13	7	Telcas elatior . . . . .	333	7	3
Rhyphus fenestralis . . . . .	102	3	8	Telephorus cyaneus . . . . .	215	5	2
Rhyzophagus bipustulatus . . . . .	579	13	2	Tenebrio obscurus . . . . .	331	7	2
Ripiphorus paradoxus . . . . .	19	1	2	Tenthredo cingulata . . . . .	692	15	3
Rogas balteatus . . . . .	512	11	3	Tephritis cornuta . . . . .	241	5	8
Rugilus fragilis . . . . .	168	4	1	Teras excavana . . . . .	699	15	6
Saperda Atkinsoni . . . . .	275	6	2	Tethea octogena . . . . .	272	6	5
Sapromyza litura . . . . .	605	13	8	Tetratoma ancora . . . . .	123	3	1
Sapyga clavicornis . . . . .	532	12	4	Tetyra fuliginosa . . . . .	685	15	7
Sargus Reaumurii . . . . .	305	7	8	Thanasimus fornicarius . . . . .	398	9	2
Saropoda bimaculata . . . . .	361	8	4	Thecla pruni . . . . .	264	6	5
Sarrothrips ramosanus . . . . .	29	1	6	Thera confierata . . . . .	519	11	6
Sarrortrium muticum . . . . .	314	7	2	Therion anictum . . . . .	736	16	3
Searya unicolor . . . . .	509	11	8	Thrips dispar . . . . .	748	16	7
Scaphidium 4-maculatum . . . . .	379	8	1	Throscus obtusus . . . . .	163	4	2
Scaphophaga scybalaria . . . . .	405	9	8	Thyatira batis . . . . .	72	2	5
Scelio rugosulus . . . . .	325	7	3	Thymalus limbatus . . . . .	39	1	1
Scenopinus rugosus . . . . .	609	13	8	Tillus unifasciatus . . . . .	267	6	2
Schizocerus pallipes . . . . .	58	2	3	Tinea corticella . . . . .	511	11	6
Sciophila sylvatica . . . . .	641	14	8	Tingis oxycanthæ . . . . .	741	16	7
Scolobates vesparrum . . . . .	198	5	3	Tiphia minuta . . . . .	664	14	4
Scolytus destructor . . . . .	43	1	2	Tipula longicornis . . . . .	493	11	8
Scopelosoma satellitia . . . . .	635	14	5	Tortrix galiæna . . . . .	763	16	6
Scopula longipetalis . . . . .	312	7	6	Trachea atripicis . . . . .	431	9	5
Sepsis annulipes . . . . .	245	6	8	Trachys minuta . . . . .	686	15	2
Serrocera pectinatus . . . . .	375	8	2	Trichiosoma laterale . . . . .	49	1	3
Sesia bombyliiformis . . . . .	40	1	5	Trichius variabilis . . . . .	286	6	1
Siagonium quadricorne . . . . .	23	1	1	Trigonometopus frontalis . . . . .	689	15	8
Silpha opaca . . . . .	742	16	1	Triplæna conseqna . . . . .	348	8	5
Simæthlis Myllerana . . . . .	320	7	6	Triplax ænea . . . . .	706	15	1
Simploecaria semistriata . . . . .	335	7	2	Tritoma bipustulatum . . . . .	498	11	1
Simulium trifasciatum . . . . .	765	16	8	Trochilium bembeciforme . . . . .	372	8	5
Sinodendron cylindricum . . . . .	478	10	1	— apiforme . . . . .	ib.		
Siona dealbata . . . . .	691	15	6	Trogosita mauritanica . . . . .	734	16	2
Sirex juvenens . . . . .	253	6	3	Trogus atropos . . . . .	234	5	3
Sitaris humeralis . . . . .	340	8	2	Tropidia rufomaculata . . . . .	401	9	8
Smerinthus ocellatus . . . . .	482	11	5	Trox sabulosus . . . . .	574	12	1
Smiera Macleanii . . . . .	472	10	3	Tryphon varitarsus . . . . .	399	9	3
Spalangia nigra . . . . .	740	16	3	Trypoxylon clavicerum . . . . .	652	14	4
Sparason frontale . . . . .	317	7	3	Typhæa fumata . . . . .	702	15	1
Speranza sylvatica . . . . .	225	5	6	Tyrophaga casei . . . . .	126	3	8
Spercheus emarginatus . . . . .	394	9	1	Uloma fagi . . . . .	363	8	2
Sphæridium 4-maculatum . . . . .	518	11	1	Vanessa Antiope . . . . .	96	2	5
Sphæricestes foveolatus . . . . .	662	14	2	Velia rivulorum . . . . .	2	1	7
Spheromias albomarginatus . . . . .	285	6	8	Venilia 4-maculata . . . . .	647	14	6
Sphinx carolina . . . . .	195	5	5	Venusia cambrica . . . . .	759	16	6
Spilosoma Walkerii . . . . .	92	2	5	Vespa rufa . . . . .	760	16	4
Spilonota marmorana . . . . .	551	12	6	Volucella inflata . . . . .	452	10	8
Staphylinus pubescens . . . . .	758	16	1	Xanthia centrogo . . . . .	84	2	5
Stauropus fagi . . . . .	674	15	5	Xyela pusilla . . . . .	30	1	3
Stenocera Walkeri . . . . .	596	13	3	Xyina exoleta . . . . .	256	6	5
Stenus Kirbii . . . . .	164	4	1	Xylonomus pilicornis . . . . .	353	8	3
Steropus concinnus . . . . .	171	4	1	Xylophilus oculatus . . . . .	299	7	2
— æthiops Panz . . . . .	ib.			Xylota bifasciata . . . . .	425	9	8
Stilbia anomala . . . . .	631	14	5	Yponomeuta echiella . . . . .	412	9	6
Stilpnus dryadum . . . . .	388	9	3	— psiella . . . . .	ib.		
Stomoxys siberita . . . . .	665	14	8	Zabrus obesus . . . . .	188	4	1
Strongylus imperialis . . . . .	339	8	1	Zaræa fasciata . . . . .	97	2	3
Stylops Dalii . . . . .	226	5	2	Zeiraphera bastiana . . . . .	711	15	6
Syntonium nigroæneum . . . . .	228	5	1	Zelee albiditarsus . . . . .	415	9	3
Syrphus lucorum . . . . .	753	16	8	Zerene plumbata . . . . .	643	14	6
Tabanus alpinus . . . . .	78	2	8	Zerynthia latenteria . . . . .	296	7	6
Tachydromia arrogans . . . . .	477	10	8	Zeuzera æsculi . . . . .	722	16	5
Tachyporus littoreus . . . . .	762	16	1	Zonitis testacea . . . . .	112	3	2
Tanytus nebulosus . . . . .	501	11	8	Zygana filipendule . . . . .	547	12	5

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BRITISH ENTOMOLOGY; /

BEING

ILLUSTRATIONS AND DESCRIPTIONS

OF

THE GENERA OF INSECTS

FOUND IN

GREAT BRITAIN AND IRELAND:

CONTAINING

COLOURED FIGURES FROM NATURE

OF THE MOST RARE AND BEAUTIFUL SPECIES,

AND IN MANY INSTANCES

OF THE PLANTS UPON WHICH THEY ARE FOUND.

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