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mit je 1 Textblatt

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126

von Heineken



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— 2. *Carabus oblongopunctatus* Fabric.

— 3. *Carabus chlorophanus* Zenker.

— 4. *Carabus decorus* Zenker.

— 5. *Carabus quadrinotatus* Zenker.

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— 7. *Carabus pavidus* Zenker.

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— 24. *Musca aristata* Panzer.



Scarabaeus tristis Zentker.

SCARABAEVS tristis.

Der dunkelfarbige Dungkäfer.

Scarabaeus tristis: scutellatus ater, thorace inermi: capite subtrituberculato, elytris striatis.

Habitat Dresdae in stercore bovino. *Dn. Zenker.*

Clypeus ater punctulatus, antice subemarginatus, tuberculis tribus minutissimis. Thorax ater immaculatus, undique punctatus, margine antico tenuissime pallescente. Elytra atra, thorace duplo longiora striata, interstitiis striarum punctis rarioribus minutissimis impressis. Antennae testaceae, capitulo cinerascente. Corpus cum pedibus atrum. Tarsi soli testacei. Z.

Variat non raro striga elytrorum humerali et puncto ante apicem testaceo. Interdum et apex rufescit.

a Magnitudo naturalis. b Eadem aucta.

1800 1810 1820

1830 1840 1850 1860 1870 1880 1890 1900

1910 1920 1930 1940 1950 1960 1970 1980 1990 2000

2010 2020 2030 2040 2050 2060 2070 2080 2090 2100

2110 2120 2130 2140 2150 2160 2170 2180 2190 2200

2210 2220 2230 2240 2250 2260 2270 2280 2290 2300

2310 2320 2330 2340 2350 2360 2370 2380 2390 2400

2410 2420 2430 2440 2450 2460 2470 2480 2490 2500

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Carabus oblongopunctatus Fabr.



CARABVS oblongopunctatus.

Der länglicbtpunktirte Laufkäfer.

Carabus oblongopunctatus: alatus niger elytris striatis: punctis dorsalibus plurimis impressis. *Fabric.* Entom. syst. T. I. n. 60. p. 138. Mant. Inf. T. I. n. 80. p. 202.

Illiger - Kugel. Käf. Preuss. I. n. 54. p. 181.

Paykull. Mon. Carab. 55. 33.

— — *Faun. Suec.* I. n. 32. p. 121.

Habitat in sylvaticis sub muscis, et primo vere sub lapidibus.

a Magnitudo naturalis. b Eadem aucta.

THE JOURNAL OF THE

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VOLUME 10

1911

NEW YORK



Carabus chlorophanus Zenker.

J. S. L.

C A R A B V S chlorophanus.

Der grünglänzende Laufkäfer.

Carabus chlorophanus: apterus ater, capite thoraceque violaceis punctatis, elytris cyaneis subpunctatis leviter striatis, antennis pedibusque ferrugineis.

Mus. Dn. Zenker.

Habitat rarus Dresdae in montosis sub lapidibus folis radiis expositis.

Caput violaceum nitens, raro punctatum, labio pulpis antennisque ferrugineis. Thorax violaceus, nitidus, subcordatus, postice truncatus, punctatus, linea dorsali obsoleta. Elytra cyanea, subpunctata, striis novem, quarum extrema puncta aliquot maiuscula gerit. Corpus atrum. Pedes validi ferruginei, tibiis anticis subpalmatis, mediis et posticis spinulosis. A latere adspectus, superficies tota pilis brevissimis griseis obtecta apparet. Variat colore magis minusve cyaneo, violaceo et viridi aeneo. Z.

a Magnitudo naturalis. b Eadem aucta.



Carabus decorus Zenker.



CARABVS decorus.

Der geschmückte Laufkäfer.

Carabus decorus: alatus subtus ater, supra viridi caeruleus, elytris striato-punctatis, pedibus rufis.

Mus. Dom. Zenker.

Habitat Dresdae rarissimus.

Elaphroideis Kugelann. abscribendus. Caput caeruleum nitidum oculis fuscis prominentibus, inxta utrumque oculum longitudinaliter excavatum. Thorax caeruleo nitens, cordatus marginatus, linea dorsali impressus, basi utrinque excavatus. Elytra thorace latiora et duplo longiora, viridi caerulea marginata, disco depressa, striis quinque punctatis, ad apicem usque non decurrentibus, sed sensim decrescentibus, ita ut futurae proxima, longissima; extrema, brevissima appareat. In stria secunda puncta observantur duo maiuscula, quae elytra in tres partes dividunt. Antennae sunt fuscae canitie obductae, articulo primo testaceo. Pedes rufi. Z.

a Magnitudo naturalis. b Eadem aucta.

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Carabus quadrimaculatus Zenker.

CARABVS quadrinotatus.

Der viermahl gezeichnete Laufkäfer.

Carabus quadrinotatus: alatus ater, thorace subcordato piceo, elytris truncatis fuscis, maculis duabus albicantibus, antennis pedibusque pallidis.

Habitat Dresdae sub lapidibus, rarus. *Dn. Zenker.*

Ad minimos referendus. Caput magnum prominens atrum, ore antennisque pallidis. Thorax piceus subcordatus, sive potius subquadratus, dorso canaliculato, postice truncatus, angulis acutis subreflexis. Elytra obscure fusca truncata, abdomine breviora leviter substriata maculis duabus albicantibus magnis quadratis, quarum altera ad basin in medio singuli elytri, altera in apice futuram attingens. Pedes pallidi. Z.

Differt a *Carabo quadrimaculato* statura duplo minori, thorace magis quadrato, et forma situque macularum. An *Carab. quadriguttatus Payk?* Z.

A Carab. quagriguttat. Paykul Mon. Carab. n. 55. p. 90. et *eiusd.* Faun. Suec. I. n. 59. p. 143, omnino diversissimus, cum magnitudine, tum forma, circumscriptione et colore thoracis, sic et pedibus. P.

a Magnitudo naturalis. b Eadem aucta.

CHARTER OF FREEDOM

BY KING JOHN

TO THE BARONS OF THE KINGDOM OF ENGLAND

IN THE FIRST YEAR OF HIS REIGN

THESE BE THE WORDS

WHICH KING JOHN SAID TO THE BARONS

WHEN HE GAVE THEM THIS CHARTER

OF FREEDOM IN THE FIRST YEAR OF HIS REIGN

IN THE PRESENCE OF ALL THE GREAT MEN OF THE KINGDOM

AND OF THE BISHOPS AND ABBOES

AND OF THE KNIGHTS AND FREEMEN

AND OF ALL THE OTHER MEN OF THE KINGDOM

WHICH CHARTER IS NOW KEPT IN THE CHURCH OF WESTMINSTER

AND IS READ TO ALL THE PEOPLE OF THE KINGDOM

ON THE FIRST DAY OF MAY IN EVERY YEAR

IN THE PRESENCE OF ALL THE PEOPLE OF THE KINGDOM



Carabus tempestivus Zenker.



CARABVS tempestivus.

Der kleine glatte braungelbe Laufkäfer.

Carabus tempestivus: alatus testaceus, elytris substriatis, antennis pedibusque pallidis.

Habitat Dresdae sub lapidibus primo vere haud infrequens. Dn. Zenker.

Magnitudo et statura *Carab. meridian.* F. Caput testaceum, thorace elytris obscuris. Thorax testaceus subquadratus, longitudine parum latior, submarginatus, linea dorsali impressus, angulis posticis obtusis impunctatis. Elytra testacea, thorace vix quidem latiora, sed triplo longiora substriata. Antennae et pedes pallidi.

a Magnitudo naturalis. b Eadem aucta.

PLANTAS DE LA SIERRA DE

San Juan de los Rios

Por el Sr. D. Juan de los Rios

En la ciudad de San Juan de los Rios

El día 10 de Mayo de 1880

En la ciudad de San Juan de los Rios

En la ciudad de San Juan de los Rios

En la ciudad de San Juan de los Rios

En la ciudad de San Juan de los Rios

En la ciudad de San Juan de los Rios

En la ciudad de San Juan de los Rios

En la ciudad de San Juan de los Rios

En la ciudad de San Juan de los Rios

En la ciudad de San Juan de los Rios

En la ciudad de San Juan de los Rios



Carabus pavidus Zenker.

CARABVS pavidus.

Der scheue Laufkäfer.

Carabus pavidus: alatus ater convexus, thorace cordato elytris striatis, antennis pedibusque pallidis.

Habitat minus frequens Dresdae. Dn. Zenker.

Maior inter minores. Caput atrum, oculis cinereis, palpis antennisque pallidis. Thorax nitens, cordatus, convexus, marginatus, elytris angustior, linea dorsali nudo oculo vix conspicua, basi subtiliter punctatus, angulis subreflexis. Elytra atra convexa, leviter striata, stria extrema tantum punctata. Pedes pallidi. Z.

a Magnitudo naturalis. b Eadem aucta.

1891

1891

1891

1891

1891

1891



Carabus tenebrioides Rolff.



CARABVS tenebrioides.

Der Mehlkäferartige Laufkäfer. Le Bupreste paresseux. Geoffr.

Carabus tenebroides: ater thorace lato elytrorum striis punctatis. *Rossi Faun.*

Etrusc. Mant. n. 188. p. 82.

Geoffr. Inf. T. I. n. 34. p. 159.

Carabus piger. *Foureroy.* Ent. paris. 42.

Devill. Ent. 1. 377. 63.

Habitat haud infrequens Norimbergae et Dresdae.

An *Carabus gibbus* Fabric. App. Ent. syst. T. VI. p. 442 !

a Magnitudo naturalis. b Eadem aucta.

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Carabus affinis Paykull.

J. St. fec.



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CARABVS assimilis.

Der schmaleibichte Laufkäfer.

Carabus assimilis: niger, thorace capite longiore, postice impunctato, elytris striatis, margine punctato. *Paykull. Faun. Suec. I. n. 30. p. 119. eiusd. Mon. Car. n. 32. p. 53.*

Rossi Faun. etrusc. Mant. n. 196. p. 87.

Carabus iunceus. Scopol. Ent. carn. n. 272. ic. 272.

Habitat Norimbergae et Dresdae.

a Magnitudo naturalis. b Eadem aucta.

Drey und siebenzigstes Heft.

,



Helops ferriceus Zenker.



HELOPS sericeus.

Der zarthärigte Schattenkäfer.

Helops sericeus: ovatus ater sericeo micans, antennis elytris pedibusque obscure fuscis.

Habitat Dresdae, primo vere sub lapidibus raro. *Dn. Zenker.*

Insectum propter affinitatem cum *Helope tristis* et *fusco* interim ad hoc genus relatum. Caput exsertum, semiotundatum, palpis articulo ultimo mucronato. Oculi sub lateribus capitis reconditi. Antennae clavatae ante oculos insertae fuscae, basi testaceae. Thorax subquadratus, antice posticeque truncatus. Elytra obscure fusca subtilissime punctata, stria unica futuram comitante. Pedes fusci, tibiis apice bispinosis. Totum animal sericie micat. Dignoscitur mas a femina tarsis anticis dilatatis, et tibiis posticis interiore latere parum sinuatis. Z.

Genus *Ptomophag.* a Cl. Knoch (*Illiger Kugel. Käf. Preuss. I. p. 84*) conditum, mihi aptissimum videtur, ad huius *Helopis* speciem recipiendam. P.

a Magnitudo naturalis. b Eadem aucta.

a



Ichneumon variegatorius Mihi.

3. fig



ICHNEVMON variegatorius.

Die buntfarbigte Schlupfwespe.

Ichneumon variegatorius: scutello flavicante, thorace maculato, abdomine atro: segmento primo et secundo punctis duobus pedibusque flavis.

Habitat in floribus, Norimbergae. Benevole mecum communicavit Dn. *Stapf* Theol. Cand. et Entomolog. cultor eximius.

Antennae atrae annulo medio flavicante, articulo primo subtus flavo. Clypeus os tegens maculis duabus flavis. Orbita oculorum, antice flava: punctum pone oculos utrinque flavum. Palpi flavi. Mandibulae fuscae. Nucha lineola flava. Thorax ater, lineola utrinque antice, puncto sub alis et alio calloso ante alas scutelloque flavis. Alae fuscae, macula marginis, antici crassioris flava. Abdomen atrum nitidum, petiolo s. segmento primo apice punctis duobus contiguis dorsalibus, secundo totidem marginalibus maioribus flavis. Pedes omnes flavi, femoribus mediis et posticis nigris apice flavis, anticis flavis basi nigris. Abdomen subtus flavum.

a Magnitudo naturalis. b Eadem aucta.

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Ichneumon nigratorius Wlhi.



ICHNEVMON ingratorius.

Die schwarzleibichte Schlupfwespe.

Ichneumon ingratorius: scutello flavicante, thorace maculato, corpore pedibusque nigris, anticis fuscis.

Habitat in sylvaticis. Legit Dn. Fleßa.

Antennae atrae fascia flava. Palpi elongati pallidi. Mandibulae fuscae. Caput atrum orbita flava. Nucha lineola flava. Thorax ater lineola utrinque antice, striga tenuissima sub alis, puncto calloso ante alas, scutello et lineola sub scutello flavis. Alae fuscae, macula marginis antici crassioris nigri flava. Corpus atrum subopacum immaculatum. Pedes nigri, anticis fuscis. Pectus utrinque parum pubescit.

a Magnitudo naturalis. b Eadem aucta.

STUDY OF THE
EFFECTS OF THE
WATER-LEVEL RISES

ON THE
VEGETATION OF THE
WETLANDS OF THE
DELTA OF THE
RIVER VOLGA
IN THE
PROVINCE OF
SAMARA
BY
DR. A. A. KURCHIK
AND
DR. V. A. KURCHIK
MOSCOW, 1954

Published by the USSR Academy of Sciences Press



Ichneumon antennatorius Mili.

ICHNEVMON antennatorius.

Die Schlupfwespe mit den buntfärbigten Fühlhörnern.

Ichneumon antennatorius: scutello flavicante, thorace immaculato, abdominis segmentis primis tribus rufis, ultimis nigris.

Habitat in sylvaticis. Benevole mecum communicavit Dn. Wolf Medicinæ Candidatus, Suinfurtensis, insectorum observator assiduus.

Antennae basi rufae, medio fascia flava, apice nigrae. Caput atrum orbita oculorum ferruginea. Mandibulae rufae apice nigrae. Palpi flavi. Thorax ater immaculatus. Scutellum flavum. Alae obscuro flaveolae. Abdomen nitidum, segmentis tribus primis rufis, ultimis nigris apice demum rufis: segmentum quartum margine laterali utrinque puncto interdum rufo notatum. Pedes omnes rufi. Abdomen subtus rufum.

a Magnitudo naturalis. b Eadem aucta.

Phyllophaga, Scarabaeidae

Phyllophaga, Scarabaeidae

Phyllophaga, Scarabaeidae

Phyllophaga, Scarabaeidae

Phyllophaga, Scarabaeidae

Phyllophaga, Scarabaeidae

Phyllophaga, Scarabaeidae

Phyllophaga, Scarabaeidae

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Phyllophaga, Scarabaeidae

Phyllophaga, Scarabaeidae

Phyllophaga, Scarabaeidae

Phyllophaga, Scarabaeidae

Phyllophaga, Scarabaeidae



Tchnocumen marginatorius Fabr.



ICHNEVMON marginatorius.

Die gerändet gebänderte Schlupfwespe.

Ichneumon marginatorius: scutello flavo, thorace maculato, abdomine segmentis duobus antice fascia, reliquis margine flavis. *Fabric. Ent. syst. T. III. n. 48. p. 145.*

Habitat Norimbergae.

a Magnitudo naturalis. b Eadem aucta.

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Ichneumon ornatorius Mihi.



ICHNEVMON ornatorius.

Die geschmückte Schlupfwespe.

Ichneumon ornatorius: scutello flavicante, thorace maculato, abdominis segmento secundo tertioque rufis, reliquis nigris, lineolis dorsalibus flavis.

Habitat Norimbergae.

Caput atrum immaculatum. Mandibulae fuscentes. Antennae nigrae. Thorax ater, antice lineola parva, alia sub alis scutelloque flavis. Abdomen nigrum, segmento secundo tertioque rufis, reliquis nigris lineolis parvis marginalibus flavis. Pedes flavi, femoribus nigris, anticis flavis, basi nigris: tibiis posticis apice fusco annulatis. Alae obscuro flavae, nervo antico crassiori fusco, macula flava. Abdomen subtus basi rufum.

a Magnitudo naturalis. b Eadem aucta.

1881

1882

1883

1884

1885

1886

1887

1888

1889



Ophion abbreviator Mihi.

OPHION abbreviator.

Die kurzleibichte Schlangenwespe.

Ophion abbreviator : ater abdomine nitidissimo compresso integro, scutello elevato obtuso, pedibus piceis.

Legi in umbelliferis pratensibus 1799.

Singulare insectum, sed vix huius generis. Corpus totum atrum immaculatum nitidissimum nudum, subtus parum pubescens. Caput parvum. Antennae breves, articulis rotundatis omnibus fere aequalibus, exceptis primo et ultimo. Thorax gibbus dorso nitidus glaberrimus, lateribus minus nitidis punctis plurimis impressis. Scutellum elevatum obtusum scabrum. Abdomen ovatum nitidissimum, sessile compressum, integrum, id est nullis annulis s. segmentis distinctum. Aculeus exsertus brevis fuscus. Pedes picei femoribus nigris. Alae hyalinae subaveniae.

a Magnitudo naturalis. b Eadem aucta.

1850 - 1851

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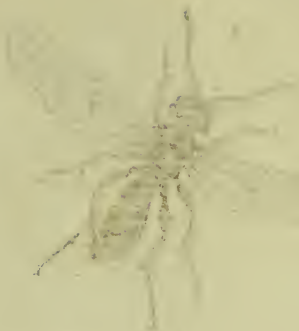
1850 - 1851

1850 - 1851



Banchus spinipes Mihi.

J. St. fec.



BANCHVS spinipes.

Der Stachelhäute Raupentödter.

Banchus spinipes: ater abdomine compresso supra fasciis tribus flavis marginalibus, pedibus flavis, tibiis posticis medio spinosis.

Legi haud infrequens in montosis. 1799.

Habitus et statura *Banch. pict.* F. (F. G. LXXI. 18.) ast alius et omnino distinctus. Caput atrum Palpi exserti flavi. Mandibulae flavae, apice fuscae. Antennae nigrae apicem versus incrassatae subclavatae. Thorax ater elevatus. Scutellum gibbum. Abdomen sessile compressum clavatum apice oblique truncatum atrum, dorso fasciis tribus flavis marginalibus: basi macula flava. Pedes flavi femoribus mediis et posticis nigris. Tarsi postici nigri. Tibiae posticae intus medio denticulo armatae. Alae hyalinae.

a Magnitudo naturalis. b Eadem aucta.

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Crabro lineatus Fabr.

525

CRABRO lineatus.

Die gestrichelte Horneise.

Crabro lineatus: scutello bidentato mucronatoque niger, thorace flavo lineato, abdomineque fasciato, pedibus rufis. *Fabric. Ent. syst. T. III. n. 24. p. 300.*

Nomada lineata. Fabric. Mant. Inf. T. I. n. 3. p. 206.

Habitat Norimbergae. *Dn. I. Sturm.*

E Crabron. genere omnino exterminandus. Exemplum nostrum in nonnullis a
descript. Fabric. recedit.

a Magnitudo naturalis. b Eadem aucta. c Thorax cum scutello auctus.

PLANTAS

1861-1862

PLANTAS DE LA ZONA DE LA SIERRA DE LA NEBLA
DE LA SIERRA DE LA NEBLA, DE LA SIERRA DE LA NEBLA
DE LA SIERRA DE LA NEBLA, DE LA SIERRA DE LA NEBLA

DE LA SIERRA DE LA NEBLA, DE LA SIERRA DE LA NEBLA

DE LA SIERRA DE LA NEBLA, DE LA SIERRA DE LA NEBLA
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DE LA SIERRA DE LA NEBLA, DE LA SIERRA DE LA NEBLA
DE LA SIERRA DE LA NEBLA, DE LA SIERRA DE LA NEBLA



Mellinus repandus Miki.

St. p.



MELLINVS repandus.

Die geschweifte Lehmvespe.

Mellinus repandus: ater thorace maculato, scutello bipunctato, abdomine fasciis quinque flavis sinuatis marginalibus.

Habitat Erlangae: legit ibidem *Dn. Wolf*.

Vix ac ne vix huius generis? Caput atrum transversum pubescens, fronte pube argentea. Palpi flavi. (In inquirenda fabrica instrumentor. cibariarior., cautus et circumspectus esse debueram, ne laesione exemplar unicum corrumperem, quod amicissimo Possessori omnino erat reddendum.) Antennae breves, supra nigrae, subtus flavae, articulo primo maximo, subtus flavo. Thorax ater, antice lineola transversa, puncto ante alas et alio sub alis flavis. Scutellum punctis duobus flavis. Sub scutello lineola brevis flava. Lobus posticus thoracis postice utrinque maculis duabus flavis. Abdomen sessile atrum elongatum, supra fasciis quinque flavis marginalibus, quarum prima latior et parum in medio subsinuata: reliquis angustioribus in medio subdentatis. Pedes flavi, tibiis apice, femoribusque nigris: palmis plantisque ciliatis. Corpus subtus atrum; fasciis abdominalibus visilibus.

a Magnitudo naturalis, b Eadem aucta.

[The following text is extremely faint and illegible due to the quality of the scan. It appears to be a multi-paragraph document, possibly a scientific or historical manuscript, written in a cursive or semi-cursive script. The text is arranged in approximately 15-20 horizontal lines across the page.]



Lygaeus elatus Fabr.

J. St. fec.

LYGAEVS elatus.

Die grofse bunte Schmalwanze.

Lygaeus elatus: ater thoracis margine scutello elytrorumque fasciis duabus rubris, antennis apice capillaribus. *Fabric. Ent. syst. VI. n. 148. p. 176.*

Habitat ruri. Legit *Dn. Fleßa.*

1873-1874

1875-1876

The following table shows the number of specimens of the various species of the genus *Phalaena* which have been collected in the various localities mentioned in the accompanying list. The numbers are given in the order in which the species are mentioned in the list.



Conops flavipes Mas Fabr.

1. 5. 18. 18.



CONOPS flavipes. Mas.

Die gelbfüßchte Stechfliege. Das Männchen.

Conops flavipes: nigra glabra abdomine cylindrico: segmentis tribus margine flavis. *Fabric.* Ent. syst. T. VI. n. 8. p. 393. Syst. Entom. n. 4. p. 797. Spec. Inf. T. II. n. 5. p. 467. Mant. Inf. T. II. n. 5. p. 361.

Conops flavipes. *Linn.* Syst. Nat. n. 7. p. 1005. ed. XIII. n. 7. p. 2894. Faun. Suec. n. 1904.

Rossi Faun. Etrusc. T. II. n. 1572. p. 330.

Legi in sylvaticis nemorosis in copula. 1799.

Descript. b. a *Linné* in Faun. Suec. l. c. a meis speciminibus haud parum recedere videtur.

a Magnitudo naturalis. b Eadem aucta.

Handwritten text, likely a botanical or scientific manuscript, written in a cursive script. The text is arranged in several paragraphs, with some lines indented. The handwriting is somewhat faded and the paper shows signs of age and wear.

20



Conops flavipes Fem. Fabr.



CONOPS flavipes. Femina.

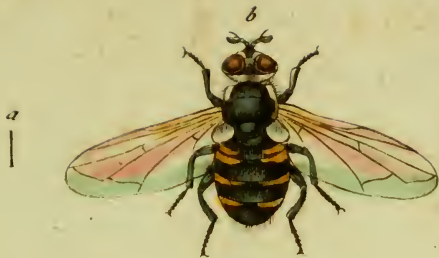
Die gelbfüßichte Stechfliege. Das Weibchen.

Conops flavipes. F. et L. l. l. c. c.

Lecta cum mare ibidem.

a Magnitudo naturalis, b Eadem aucta.

[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page]



Musca costata Mihi.

L. St. fec.

MVSCA costata.

Die schwarze Fliege mit braunrothen Rippenstreifen.

Musca costata: antennis setariis atra, abdomine ovato, fasciis quatuor interruptis ferrugineis, primis duabus approximatis, alis basi flavis.

Legi ruri. 1799.

Habitus et statura *Musc. rotundat. F.* ast minor et distincta. Caput atrum pubescens, fronte lacteo-villosa. Antennae nigrae setariae. Thorax ater, antice lineola marginali abbreviata alba. Scutellum atrum. Halteres rotundati albi. Alae hyalinae basi flavae. Abdomen atrum nudum, taeniis ferrugineis quatuor utrinque marginalibus angustis, quae totidem fascias interruptas mentiuntur: primis duabus latioribus approximatis: prima abbreviatissima. Anus pubescens. Pedes nigri.

a Magnitudo naturalis. b Eadem aucta.

January, 1881

1881

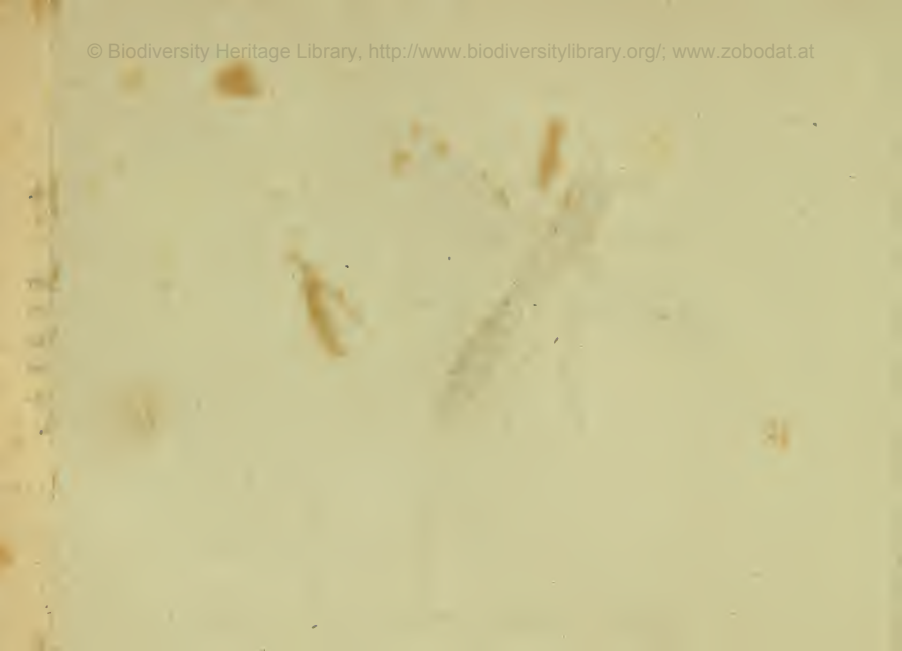
1881

1881



Musca aristata Mihi.

J. St. fec.



MVSCA aristata.

Die langborstige Fliege.

Musca aristata: antennis setariis elongata atra, thorace postice rufo lineolis duabus nigris, pedibus flavis.

Legi in editoribus saxosis 1799.

Referenda inter *Muscas Fabric.* 102 — 115. quae omnes proprium genus constituere videntur.

Caput atrum nitidum subpilosum. Antennarum clava elongata atra, seta aristaeformi longiuscula pallida. Thorax antice ater nudus, postice rufus, lineolis duabus abbreviatis nigris. Scutellum rufum. Halteres petiolati, clava orbiculata alba. Alae hyalinae. Abdomen valde elongatum atrum subpubescens, margine segmentorum lucido. Pedes elongati flavi.

a Magnitudo naturalis. b Eadem aucta.

1871

1872

The following is a list of the names of the persons who have been elected to the office of the President of the Association of the Friends of the Natural History Museum of the University of Vienna, for the year 1871-1872.

The names of the persons who have been elected to the office of the President of the Association of the Friends of the Natural History Museum of the University of Vienna, for the year 1871-1872, are as follows:

1. Dr. J. J. Müller

2. Dr. J. J. Müller

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98. Dr. J. J. Müller

99. Dr. J. J. Müller

100. Dr. J. J. Müller

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- Tab. 1. *Pimelia variolosa* Fabric.
— 2. *Carabus gemmatus* Fabric.
— 3. *Carabus arvensis* Fabric.
— 4. *Carabus glabratus* Fabric.
— 5. *Carabus convexus* Fabric.
— 6. *Cychrus rostratus* Fabric.
— 7. *Notoxus cornutus* Fabric.
— 8. *Notoxus equestris* Panzer.
— 9. *Cynips armata* Panzer.
— 10. *Andrena Rosae* Panzer.
— 11. *Apis campestris* Panzer.
— 12. *Apis arenaria* Panzer.
— 13. *Thereva subcoleoptrata* Mas. Fabric.
— 14. *Thereva subcoleoptrata* Femina. Fab.
— 15. *Thereva crassipennis* Fabric.
— 16. *Thereva affinis* Fabric.
— 17. *Thereva analis* Fabric.
— 18. *Empis pennipes* Fabric.
— 19. *Aranea atomaria* Panzer.
— 20. *Aranea irregularis* Panzer.
— 21. *Papilio Danaus Sinapis* Fabric.
— 22. *Papilio Danaus Daplidice* Fabric.
— 23. *Papilio Danaus Cleopatra* Mas Fabric.
— 24. *Papilio Danaus Cleopatra* Femina Fab.



Pimelia variolosa Fabr.



PIMELIA variolosa.

Der blatterigte Höckerkäfer.

***Pimelia variolosa*:** thorace marginato, marginibus reflexis, elytris linea media elevata dentata. *Fabric. Entom. syst. Suppl. p. 45.*

Blaps variolosa. *Fabric. Entom. syst. T. I. n. 10. p. 108.*

Silpha granulata. *Fabric. Mant. Inf. T. I. n. 12. p. 49.*

Habitat in Austriae campis sabulosis, unde in collectionem meam transit.

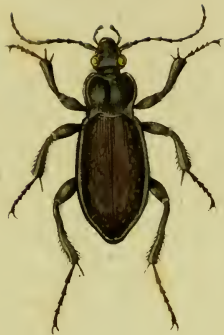
Cum illustr. *Fabricio* communicavi ante plures annos huius speciei exemplum, quod tum sub nomine *Silphae rugosae* Scopol. 53. fuerat ad me missum; idem, quod *Fabricius* statim pro *Blaps variolosa* agnoverat: hinc nullum dubium est, me veram hic *Pimeliam variol. F.* publicasse, quamvis ullo *synonymorum* strepitu, eandem comitari nolim, ne indubiam speciem infidam reddere velle videar.,.

Handwritten title or header text, likely in a non-Latin script.

Handwritten text, likely a date or reference number.

Main body of handwritten text, consisting of several lines of script, possibly a list or descriptive notes.

Handwritten text at the bottom of the page, possibly a signature or footer.



Carabus gemmatus Fabr.



CARABVS gemmatus.

Der brilliantirte Laufkäfer.

Carabus gemmatus: apterus niger elytris striatis, punctis aeneis bilobis excavatis triplici serie. *Fabric.* Entom. syst. T. I. n. 12. p. 127. *Spec. Inf.* T. I. n. 9. p. 300. *Mant. Inf.* T. I. n. 15. p. 196.

Carabus striatus. *Degeer* Inf. T. IV. p. 90. n. 5. tab. 3. fig. 1.

Paykull. Mon. Car. n. 6. p. 15.

Eiusd. Faun. Suec. T. I. n. 6. p. 101.

Panzer Entom. germ. I. n. 8. p. 45.

Habitat in sylvaticis Hircyniae.

Nulla synonyma adduxi, praeter ea, quae prae aliis mihi equidem, magis certa videbantur. Puncta elytrorum biloba, numero variant. _

CLARKE, George

Dr. William H. Clarke

Clarke, George: 1871. Report on the
geology of the State of New York.
Albany: J. B. Nichols & Co. 1871.
Pp. 1-100. 100 pp.

Clarke, George: 1872. Report on the
geology of the State of New York.
Albany: J. B. Nichols & Co. 1872.
Pp. 1-100. 100 pp.

Clarke, George: 1873. Report on the
geology of the State of New York.
Albany: J. B. Nichols & Co. 1873.
Pp. 1-100. 100 pp.

Clarke, George: 1874. Report on the
geology of the State of New York.
Albany: J. B. Nichols & Co. 1874.
Pp. 1-100. 100 pp.

Clarke, George: 1875. Report on the
geology of the State of New York.
Albany: J. B. Nichols & Co. 1875.
Pp. 1-100. 100 pp.

Clarke, George: 1876. Report on the
geology of the State of New York.
Albany: J. B. Nichols & Co. 1876.
Pp. 1-100. 100 pp.



Carabus arvensis Fabr.

CARABVS arvensis.

Der Feld - Laufkäfer.

Carabus arvensis: apterus nigro cupreus, elytris striatis: punctis excavatis triplici serie. *Fabric.* Mant. Inf. T. I. n. 18. p. 196. Entom. syst. T. I. n. 17. p. 128.

Paykull. Mon. Car. n. 10. p. 21.

Eiusd. Faun. Suec. T. I. n. 10. p. 105.

Illiger Kug. Preuss. Käf. T. I. n. 16. p. 153.

Panzer Entom. germ. I. n. 13. p. 46.

Habitat in arvis sabulosis.

1880

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1893



Carabus glabratus Fabr.



CARABVS glabratus.

Der gecglättete Laufkäfer.

Carabus glabratus: apterus ater, elytris laevissimis unicoloribus. *Fabric. Ent.*
syst. T. I. n. 4. p. 125.

Paykull. Mon. Car. n. 5. p. 14.

Eiusd. Faun. Suec. T. I. n. 5. p. 101.

Carabus laevigatus. Scriba Beytr. I. p. 4. n. 2. n. 2. tab. 1. fig. 2.

Carabus convexus. Herbst Archiv. V. 2. n. 6. p. 130. tab. 29. f. 2.

Illiger Kugel. Käfer Preuss. T. I. n. 11. p. 149.

Panzer Entom. germ. I. n. 2. p. 44.

Habitat in sylvaticis.



Carabus convexus Fabr.



CARABVS convexus.

Der gewölbte Laufkäfer.

Carabus convexus : apterus convexus ater laevis thorace postice emarginato. *Fabric.* Entom. syst. T. I. n. 21. p. 129. Syst. Ent. n. 11. p. 238. Spec. Inf. T. I. n. 14. p. 301. Mant. Inf. T. I. n. 22. p. 197.

Paykull Mon. Car. n. 13. p. 25.

Eiusd. Faun. Suec. T. I. n. 13. p. 107.

Scriba Beytr. I. p. 10. n. 5. tab. I. fig. 5.

Illiger Kug. Käf. Preuss. T. I. n. 12. p. 149.

Panzer Entom. germ. I. n. 14. p. 47.

Habitat in sylvaticis.

Handwritten title or header text, likely in German, possibly mentioning a date or location.

Main body of handwritten text, consisting of several lines of cursive script, likely a letter or report.



Cycchrus rostratus Fabr.

CYCHRVS rostratus.

Der langgerüffelte Deckkäfer.

Cychnus rostratus: elytris laevibus nigris, capite angustissimo. *Fabric. Entom.*
syft. T. VI, app. p. 440.

Carabus rostratus. *Fabric. Entom. syft.* T. I. n. 31. p. 131. *Syst. Ent.* n. 21.
p. 240. *Spec. Plant.* T. I. n. 26. p. 304. *Mant. Inf.* T. I. n. 36. p. 198.

Tenebrio rostratus. *Linn. Syft. Nat.* n. 20. p. 577. ed. XIII. n. 73. p. 1966.
Fn. Suec. n. 823.

Tenebrio caraboides. *Linn. Syft. Nat.* n. 25. p. 577. ed. XIII. n. 25. p. 1997.
Fn. Suec. n. 825.

Paykull. Mon. Car. n. 14. p. 26.

Eiusd. Faun. Suec. T. I. n. 1. p. 97.

Petagna Inf. Calabr. p. 25. n. 121. fig. 21.

Scriba Beytr. I. 5. 3. tab. 1. fig. 3.

Carabus coadunatus. *Degeer* Inf. IV. n. 7. p. 92. tab. 3. fig. 13.

Illiger Kug. Käf. Preuf. T. I. n. 1. p. 216.

Pauzer Entom. germ. I. n. 21. p. 48.

Habitat in quisquiliis.

a Magnitudo naturalis. b Caput etc. auctum.



Notoxus cornutus Fabr.

NOTOXVS cornutus.

Der gehörnte Schildkrotenkäfer.

- *Notoxus cornutus*: thorace in cornu supra caput protenso, elytris fasciis tribus atris. *Fabric. Entom. syst. T. I. n. 7. p. 211.*

Rossi Faun. Etrusc. T. I. n. 354. p. 139. Var.

Habitat in Austria.

a Magnitudo naturalis. b Eadem aucta. c Caput supine visum auctum.

NOTES

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Notoxus equestris Mihi.



NOTOXVS equestris.

Der Ritter - Schildkrotenkäfer.

Notoxus equestris: fuscus thorace antennarum elytrorumque basi pedibusque rufis.

Legi semel in floribus Crataeg. Oxyacanth. 1799.

Caput transversum fuscum nudum. Antennae corporis dimidii longitudine rufae apice fuscae, articulis fere omnibus ciliatis. Thorax elongatus antice rotundatus postice angustatus rufus punctatus. Coleoptera fusca nitida margine ciliata basi rufa. Pedes rufi femoribus obscurioribus.

Similis *Not. pedestri Rossi* Faun. Etrusc. Mant. n. 114. p. 45., quem omnino huc referrem, nisi femorum anticorum fabrica dentata obstaret, quam huic *illustr. Fabric.* (Ent. syst. Suppl. p. 66.) assignavit.

a Magnitudo naturalis. b Eadem aucta.

PROCEEDINGS

OF THE

ANNUAL MEETING OF THE
AMERICAN SOCIETY OF
MAMMOLOGISTS
HELD AT THE UNIVERSITY OF
CHICAGO, ILLINOIS, SEPTEMBER
1-3, 1909
PUBLISHED BY THE
AMERICAN SOCIETY OF
MAMMOLOGISTS
CHICAGO, ILLINOIS, 1909



Cynips armata Michx.

CYNIPS armata.

Die bewafnete Gallwespe.

Cynips armata: atra nitida, scutello bidentato, antennarum basi pedibusque rufis.

Legi in Quercu caesa et iam decorticata, quam sero autumnno 1799. circumvolabat.

Corpus totum nigrum nitidum. Caput transversum paullo a thorace remotum, punctatum. Antennae nigrae basi rufae. Thorax corporis maxima pars, ater inaequalis punctatus nitidus. Scutellum elevatum productum bidentatum. Abdomen ovatum nitidum. Pedes antici et medii rufi: femora postica valde incrassata, nigra, nitida, tibiis apice et basi plantisque rufis. Alae hyalinae subaveniae, fasciis duabus obsoletis fuscis.

a Magnitudo naturalis. b Eadem aucta. c Scutellum bidentatum. c Pes posticus, auctus.



Andrena Rosae Mihi.

J. et. f.



ANDRENA Rosae.

Die Rosen - Waldbiene.

Andrena Rosae: thorace pubescente, abdomine nigro nitido, segmento secundo tertioque rufis, macula media nigra.

Legi haud infrequens in Rosa sylvestri 1799.

Corpus mediae magnitudinis. Caput atrum transversum cinero pubescens, vertice subnudo. Antennae nigrae tenues breves. Thorax ater subopacus dorso nudo, margine laterali cinereo pubescenti. Abdomen compressum nudum nitidulum nigrum: segmentis secundo, tertio, quandoque etiam primo postice, rufis; medio macula nigra, ut plurimum in secundo segmento sita. Alae subfuscae, nervo antico crassiori nigro, puncto obscure flavo. Pedes nigri, praesertim postici valde nigro pilosi: tarsis omnibus fuscis,

a Magnitudo naturalis. b Eadem aucta.



Apis campestris Mihi.

J. B. fec.

APIS campestris.

Die Feldbiene. Die Feldhummel.

Apis campestris: hirsuta nigra: thorace flavo fascia atra: abdomine nudo nitido, apice elongata acuminato, alis nigricantibus.

Legi haud infrequens in regione sylvarum sabulosa, floribus *Solidag. Virg. aur. L.* insidentem, mense Octobr. 1799.

Magnitudo et statura *Ap. lapidar. F.* Caput atrum nitidum fronte atro pilosa, vertice cum regione stemmatum calvis. Mandibulae productae validae crassae, oblique truncatae, subdentatae, extus lineis aliquot elevatis: apice parum rufopilosae. Antennae nigrae. Oculi magni nigri, nebula cinerea. Thorax ater flavus, medio nudus. Alae obscure fuscae praesertim apice, s. nigricantes. Abdomen in viva Ape, valde elongatum: ano acuto, post mortem inflexo: atrum, dorso nitidissimo nudo, sub lente tamen obsolete pubescenti, inprimis ad marginem lateralem: anus acuminatus inflexus, saepius utrinque ad marginem lateralem flavo barbatus. Pedes nigri pilosi, tarsis fuscis.

ALPINE FLORA

THE ALPINE FLORA OF SWITZERLAND

This comprehensive volume is a result of the work of the Swiss Alpine Club, which has been active in the study of the flora of the Alps since 1857. The work is the result of the efforts of many men, and is a tribute to the Swiss people, who have been so kind to share with us their knowledge of the flora of their mountains. The work is a result of the efforts of many men, and is a tribute to the Swiss people, who have been so kind to share with us their knowledge of the flora of their mountains. The work is a result of the efforts of many men, and is a tribute to the Swiss people, who have been so kind to share with us their knowledge of the flora of their mountains.



Apis arenaria Mihi.

J. St. fce.

APIS arenaria.

Die Sandbiene. Die Sandhummel.

Apis arenaria: atra pubescens, ano fulvo, alis nigricantibus,

Legi sero autumnio A. 1799. in floribus.

Similis quidem *A. rupestri* F. sed omnino ab illa diversa, quae frequens apud nos. Habitus et statura aliena. Corpus minus hirsutum ac in *A. rupestri*, abdominis dorso nudiusculo. Thorax antice hirsutiae fordide flava, et anus omnino fulvus. Alae intensius nigricantes.

January 1878

Thompson's Island, N.Y. - 1878

Journal of the life of the birds and other animals.

By J. A. Thompson.

Published by the author, at his residence, No. 10, West 10th Street, New York City.



Thereva subcoleoptrata Mas Fabr. J. St. fée



THEREVA subcoleoptrata. Mas.

Die halbgedekte Käferfliege. Das Männchen.

Thereva subcoleoptrata: thorace nigro alis cinereis: vittis duabus fuscis repandis.

Fabric. Entom. syst. Supplem. n. 1. p. 560.

Syrphus subcoleoptratus. Fabric. Entom. syst. T. VI. n. 21. p. 283. Syst. Entom. n. 9. p. 764. Spec. Inf. T. II. n. 12. p. 423. Mant. Inf. T. II. n. 13. p. 335.

Conops subcoleoptratus. Linn. Syst. Nat. n. 13. p. 1006. ed. XIII. n. 335. p. 2869.

Legi saepius in copula, in umbelliferis, cymosis et corymbiferis. Animal inquietum, agile, ocyffime volitans.

a Magnitudo naturalis. b Eadem aucta.

THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO PRESS

THE UNIVERSITY OF CHICAGO PRESS, 5401 S. MICHIGAN AVE., CHICAGO, ILL. 60637

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Thereva subcoleoptrata Fem. Fabr.



THEREVA subcoleoptrata. Femina.

Die halbgedekte Käferfliege. Das Weibchen.

Thereva subcoleoptrata Fabr. l. c.

Habitat cum mare.

a Magnitudo naturalis. b Eadem aucta.

STRENGTH OF THE EARTH

THE EARTH IS A GLOBE

AND IS SURROUNDED BY WATER

THE EARTH IS A GLOBE

AND IS SURROUNDED BY WATER



Thereva crassipennis Fabr.

J. St. J.



THEREVA crassipennis.

Die dickflüglichte Käferfliege.

Thereva crassipennis: thorace flavescente, alis disco albido: puncto distincto nigro. *Fabric. Entom. syst. Supplem. n. 3. p. 560.*

Syrphus crassipennis. Fabric. Entom. syst. T. VI. n. 23. p. 284.

Habitat in floribus.

a Magnitudo naturalis. b Eadem aucta.

THESE A CLASSIFICATION

Die wichtigsten Ergebnisse

Thema: Die wichtigsten Ergebnisse der Untersuchungen über die Verbreitung der verschiedenen Arten der Gattung *Thymus* in der Türkei. (Vgl. Th. 1, S. 1-100.)

Habitus in natura

z. B. in der Natur, d. Thymus



Theresa affinis Fabr.

J Sturm fec.



THEREVA affinis.

Die ähnliche Käferfliege.

Thereva affinis: thoracis lateribus fulvis: abdomine atro lateribus testaceis. *Fabric. Entom. syst. Supplem. n. 4. p. 561.*

Syrphus affinis. Fabric. Entom. syst. T. VI. n. 24. p. 284.

A me lecta quotannis in editioribus in floribus. Abdominis macula lateralis minime in meis testacea, sed obscure rufa.

a Magnitudo naturalis. b Eadem aucta.

THESE

Die Natur der Natur

Thema: Die Natur der Natur

Dr. Hans-Joachim Lauth

Geogr. Anst. Bonn, Bonn 1961, 7. VI, 11. p. 224

Die Natur der Natur

Die Natur der Natur

Die Natur der Natur



Thereva analis Fabr.

Jac. St. fce.



THEREVA analis.

Die bleichafterichte Käferfliege.

Thereva analis: fusca abdominis lateribus basi fulvis, ano albido. *Fabric. Entom. syst. Supplem. n. 5. p. 561.*

Legi non raro in montosis asperis. 1799.

a Magnitudo naturalis. b Eadem aucta.

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ROYAL ANTHROPOLOGICAL INSTITUTE

Volume 100, Part 1, 1970

Edited by
J. H. REES

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Empis pennipes Fabr.

J. St. fcc.



EMPIS pennipes.

Die federfüßichte Schnepfenfliege.

Empis pennipes: nigra pedibus posticis elongatis pennatis. *Fabric.* Entom. syst. T. VI. n. 5. p. 404. Syst. Entom. n. 2. p. 801. Spec. Inf. T. II. n. 2. p. 471. Mant. Inf. T. II. n. 3. p. 364.

Empis pennipes. *Linn.* Syst. Nat. n. 2. p. 1003. ed. XIII. n. 2. p. 2889. Faun. Suec. n. 1896.

Asilus pennipes. *Scop.* carn. n. 994.

Sulzer Kennz. d. Inf. tab. 21. fig. 137.

Primo vere frequens in pratensibus.

a Magnitudo naturalis. b Eadem aucta.

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Aranea atomaria Mihi.

J. St. fée



ARANEA atomaria;

Die zartgetupfte Spinne.

Aranea atomaria: grisea, abdomine globoso punctulato, thorace vittis duabus basi coeuntibus fuscis.

Legi sero autumnō in sylvaticis sub muscis.

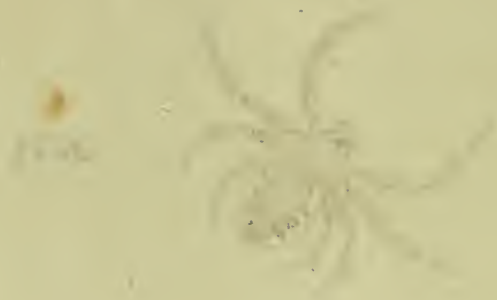
Parva. Thorax rotundatus margine laterali obscuro, linea dorsali tenuissima, vittisque duabus fuscis basi coeuntibus. Abdomen globosum, punctis, atomis et nebulis sparsis fuscis, obscuris. Pedes pallide fasciati.

a Magnitudo naturalis. b Eadem aucta. c Situs oculorum.



Aranea irregularis Mihi.

J. St. fee.



ARANEA irregularis.

Die unregelmäßig gezeichnete Spinne.

Aranca irregularis: atra, abdomine ovato margine laterali irregulariter repando testaceo.

Legi sub trunco Quercus caesae.

Parva. Corpus totum atrum. Thorax ovalis nudus glaber. Abdomen ovatum nigrum, margine omni irregulariter repando, seu interrupte testaceo. Pedes nigri pilosi.

a Magnitudo naturalis. b Eadem aucta. c Situs oculorum.

ANNA

1871

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Papilio D. Sinapis Fabr.

L. Jt. sc.

PAPILIO Danaus Sinapis.

Der Senffalter. Der Senfweisling. Papillon tout blanc. Papillon blanc de lait. Smal white wood Butterfly.

Papilio Dan. Sinapis: alis rotundatis integerrimis albis: apicibus fuscis. *Fabric.*
Entom. syst. T. IV. n. 577. p. 187. Syst. Entom. n. 114. p. 470. Spec.
Inf. T. II. n. 164. p. 40. Mant. Inf. T. II. n. 186. p. 18.

Papilio Dan. Cand. Sinapis. Linn. Syst. Nat. n. 79. p. 760. ed. XIII. n. 79.
p. 2261. Fn. Suec. n. 1038.

Verz. d. W. Schmetterl. n. 5. p. 163.

Degeer Inf. T. II. P. I. n. 4. p. 183. tab. 1. fig. 1.

Scop. Carn. n. 452. ic. 452.

Schäffer Ic. Inf. Ratisb. tab. 97. fig. 8—11.

Esper Eur. Schmett. T. I. tab. 3. fig. 4.

Borkhausen Eur. Schm. T. I. n. 9. tab. 124.

Von der Naturgeschichte dieses Falters ist gar nichts bekannt. Er selbst wird vom Frühling an bis in Herbst in niedrigen lichten Waldungen ziemlich häufig gefunden. *Borkhausen.*



Papilio D. Daphidice Fabr.



PAPILIO Danaus Daplidice.

*Der grüngefleckte Weisling. Der Waufalter. Der Petersilienvogel.
Der Heiderichschmetterling. Le blanc marbré de verd. Le Papillon
perfillé batard. The slight greenish Half-mourner.*

Papilio Dan. Daplidice: alis rotundatis integris albis margine fuscis: subtus griseo
virescentibus albo maculatis. *Fabric. Entom. syst. T. IV. n. 593. p. 191.*
Syst. Ent. n. 122. p. 471. Spec. Inf. T. II. n. 174. p. 41. Mant. Inf. T. II.
n. 197. p. 19.

Papilio Dan. Cand. Daplidice. Linn. Syst. Nat. n. 81. p. 760. ed. XIII. n. 81.
p. 2263.

Verz. d. Wien. Schmett. n. 6. p. 163.

Geoffr. Inf. T. II. n. 44. p. 71.

Pallas Spicil. IX. 32. tab. 10. fig. 4. 5. 6.

Schaeffer Ic. Inf. Ratisb. tab. 79. fig. 2. 3.

Esper Eur. Schmett. T. I. tab. 3. fig. 5.

Borkhausen Eur. Schmett. T. I. n. 8 p. 123.

Nach dem Bericht der Wiener Entomologen, soll die Raupe dieses Falters auf dem *Färberwau* (*Reseda Luteola Linn.*) wohnen, und grün seyn. Er wurde schon im Frühjahr entdeckt, und im Sommer und Herbst beobachtet. Er liebt die mit Blumen besetzten Aecker, und die daran, oder an Wälder stossende Wiesen.
Borkhausen.



Papilio D. Cleopatra *Nas Fabr.*

PAPILIO Danaus Cleopatra. Mas.

Die Orangefahne. Das Männchen.

Papilio Dan. Cleopatra: alis integerrimis: anticis supra disco fulvo, reliquis puncto ferrugineo. *Fabric. Ent. syst. T. IV. n. 667. p. 213. Syst. Entom. n. 160. p. 479. Spec. Inf. T. II. n. 225. p. 52. Mant. Inf. T. II. n. 258. p. 24.*

Papilio Dan. Cand. Cleopatra. Linn. Syst. Nat. n. 105. p. 765. ed. XIII. n. 105. p. 2272.

Cyrill. Entom. neapolit. I. tab. 3. fig. 2.

Seba Mus. T. IV. tab. 16. fig. 7. 8.

Esper Eur. Schm. T. I. tab. 48. suppl. 24. fig. 1.

Borkhausen Eur. Schm. T. I. n. 2. p. 118.

Dieser Falter, ist nicht nur nach sichern Beobachtungen in Europa zu Hause, sondern wird auch namentlich in der Schweiz angetroffen. Seine Naturgeschichte ist noch nicht hinlänglich genug aufgehell.

THE HISTORY OF THE

PLANT KINGDOM

IN WHICH THE SEVERAL CLASSES OF PLANTS ARE
DESCRIBED, AND THE USES OF THEM
AND THE ARTS WHICH DEPEND ON THEM
ARE EXPLAINED.

BY J. LINNÆUS, M.D.

IN TWO VOLUMES.

LONDON, 1760.

Printed by J. BARNARD, at the Theatre-French.

By Authority, W. Johnston, Printer to the Royal Society.

IN TWO VOLUMES.

By Authority, W. Johnston, Printer to the Royal Society.

Printed by J. BARNARD, at the Theatre-French.



Papilio D. Cleopatra Tem. Fabr. J. St. sc.



PAPILIO Danaus Cleopatra. Femina.

Die Orangefahne. Das Weibchen.

Papilio Danaus Cleopatra. Fabric. et Linn. l. l. c. c.

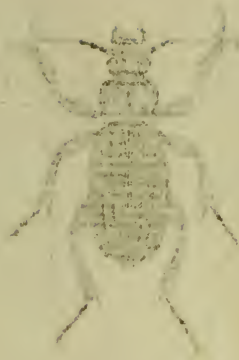
Wohnt und lebt bey seinem Männchen, und unterscheidet sich vorzüglich, durch die dem Centro der Vorderflügel abgängige orangefarbne Makel.

- Tab. 1. *Carabus clathratus* Fabric.
 — 2. *Carabus cupreus* Fabric.
 — 3. *Carabus azureus* Fabric.
 — 4. *Carabus aeneus* Fabric.
 — 5. *Carabus cyanocephalus* Fabric.
 — 6. *Carabus haemorrhoidalis* Fabric.
 — 7. *Carabus alpinus* Fabric.
 — 8. *Carabus borealis* Paykull.
 — 9. *Carabus meridianus*. Fabric.
 — 10. *Carabus quadrimaculatus* Fabric.
 — 11. *Carabus agilis* Fabric.
 — 12. *Carabus truncatellus* Fabric.
 — 13. *Dermeestes undatus* Fabric.
 — 14. *Dermeestes lunatus* Fabric.
 — 15. *Dermeestes adstrictor* Fabric.
 — 16. *Silpha grossa* Fabric.
 — 17. *Silpha ferruginea* Fabric.
 — 18. *Silpha oblonga* Fabric.
 — 19. *Apis ericetorum* Panzer.
 — 20. *Apis frutetorum* Panzer.
 — 21. *Apis saltuum* Panzer.
 — 22. *Papilio Danaus Cardamines* Fabric.
 — 23. *Papilio Danaus Eupheno* Mas. Fabric.
 — 24. *Papilio Danaus Eupheno Femina* Fab.



Carabus clathratus Fabr.

J. St. fce.



CARABVS clathratus.

Der gegitterte Laufkäfer.

Carabus clathratus: apterus nigricans elytris aeneis striatis interiectis punctis excavatis cupreis. *Fabric.* Entom. syst. T. I. n. 29. p. 131. Syst. Ent. n. 15. p. 238. Spec. Inf. T. I. n. 18. p. 302. Mant. Inf. T. I. n. 26. p. 197.

Carabus clathratus. Linn. Syst. Nat. n. 15. p. 238. ed. XIII. n. 5. p. 1962. Fa. Suec. n. 782.

Carabus aeneopunctatus. Degeer Inf. T. IV. n. 1. p. 87. tab. 3. fig. 12.

Paykull. Mon. Car. n. 8. p. 18.

Eiusd. Faun. Suec. n. 8. p. 103.

Voet Coleopt. II. n. 40. tab. 38. fig. 40.

Rossi Faun. Etrusc. T. I. n. 507. p. 205.

Illiger Kugel. Käf. Preuss. T. I. n. 19. p. 156.

Panzer Entom. germ. I. n. 19. p. 48.

Habitat raro in sylvaticis.



Carabus cupreus Fabr.



CARABVS cupreus.

Der kupferfärbige Laufkäfer. Carabè rosette. Degeer.

Carabus cupreus : alatus cupreus antennis basi rubris. *Fabric.* Entom. syst. T. I. n. 126. p. 153. Syft. Ent. n. 40. p. 243. Spec. Inf. T. I. n. 50. p. 308. Mant. Inf. T. I. n. 68 p. 201.

Carabus cupreus. Linn. Syft. Nat. n. 29. p. 672. ed. XIII. n. 29. p. 1975. Fa. Suec. n. 801.

Carabus metallicus. Scop. Carn. 270.

Paykull Mon. Car. n. 71. p. 113.

Eiusd. Faun. Suec. n. 75. p. 155.

Degeer Inf. T. IV. n. 13. p. 97. tab. 3. fig. 15.

Rossi Faun. Etrusc. T. I. n. 518. p. 210.

Schaeffer Ic. Inf. Ratisb. tab. 18. fig. 5.

Harrer Besch. d. Schaeff. Inf. n. 208. p. 130.

Illiger Kugel. Käf. Preuss. T. I. n. 31. p. 166. a)

Panzer Entom. germ. I. n. 60. p. 56.

Habitat sub lapidibus in pratis humidis, frequens.

a Magnitudo naturalis. b Eadem aucta.



Carabus azureus Fabr.

J. St. fec.



CARABVS azureus.

Der azurene Laufkäfer.

Carabus azureus: alatus cyaneus, antennis pedibusque rubris. *Fabric.* Entom. syst. T. I. n. 133. p. 155. Syst. Entom. n. 45. p. 244. Spec. Inf. T. I. n. 53. p. 308. Mant. Inf. T. I. n. 71. p. 201.

Rossi Faun. Etrusc. T. I. n. 550, p. 222.

Illiger Kugel. Käf. Preuss. T. I. n. 36. p. 169. α)

Panzer Entom. germ. I. n. 67. p. 57.

Habitat sub lapidibus, rarior. Varietas *Carab. aenei Fabr.*

a Magnitudo naturalis. b Eadem aucta.

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Carabus aeneus Fabr.

CARABVS aeneus.

Der bronzfärbige Laufkäfer.

Carabus aeneus: alatus supra aeneus, antennis pedibusque ferrugineis. *Fabric. Ent. syst. T. I. n. 142. p. 156. Syst. Ent. n. 49. p. 245. Spec. Inf. T. I. n. 59. p. 309. Mant. Inf. T. I. n. 81. p. 202.*

Carabus elegans. Scop. carn. n. 269. 2.

Carabus Proteus. Paykull. Mon. Car. n. 72. 1. p. 115.

— — — Faun. Succ. n. 83. a. p. 163.

Schaeffer Ic. Inf. Ratisb. tab. 18. fig. 3.

Harrer Besch. d. Schäff. Inf. n. 207. p. 130.

Illiger Kugel. Käf. Preuss. T. I. n. 36. p. 169. β)

Panzer Entom. germ. I. n. 67. p. 57.

Habitat cum anteced. ubique pervulgaris. Magnitudine et coloribus ludit,
inde mira huius varietatum progenies.

a Magnitudo naturalis. b Eadem aucta.

[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]



Carabus cyanocephalus Fabr.

3. St. fec.



CARABVS cyanocephalus.

Der blauköpfigte Laufkäfer. Le Bupreste bleu à corcelet rouge. Geoffr.

Carabus cyanocephalus: alatus thorace pedibusque ferrugineis, capite elytrisque cyaneis. *Fabric.* Ent. syst. T. I. n. 154. p. 159. Syst. Entom. n. 53. p. 245. Spec. Inf. T. I. n. 65. p. 310. Mant. Inf. T. I. n. 90. p. 203.

Carabus cyanocephalus. *Linn.* Syst. Nat. n. 21. p. 671, ed. XIII, n. 21. p. 1972. Fn. Suec. n. 794.

Geoffr. Inf. T. I. n. 40. p. 149.

Degeer Inf. T. IV. n. 17. p. 100. tab. 3. fig. 17.

Rossi Faun. Etrusc. T. I. n. 540. p. 218.

Paykull. Mon. Car. n. 36. p. 60.

Eiusd. Faun. Suec. T. I. n. 37. p. 125.

Schäffer Ic. Inf. Ratisb. tab. 11. fig. 14.

Harrer Besch. d. Schäff. Inf. n. 216. p. 134.

Illiger Kugel. Käf. Preuss. T. I. n. 92. p. 206.

Panzer Entom. germ. I. n. 62. p. 57.

Haud infrequens sub lapidibus.

a Magnitudo naturalis. **b** Eadem aucta.



Carabus haemorrhoidalis Fabr.

J. St. f.



CARABVS haemorrhoidalis.

Der rothafterigte Laufkäfer.

Carabus haemorrhoidalis: alatus thorace suborbiculato rufo, elytris nigris apice
rufis. *Fabric. Entom. syst. T. I. n. 162. p. 161. Mant. Inf. T. I. n. 97.*
p. 203.

Raro sub arborum cortice primo vere.

a Magnitudo naturalis. b Eadem aucta,

THE JOURNAL OF THE

ROYAL ANTHROPOLOGICAL INSTITUTE

OF GREAT BRITAIN AND IRELAND
VOLUME LXXV. PART I. 1905.

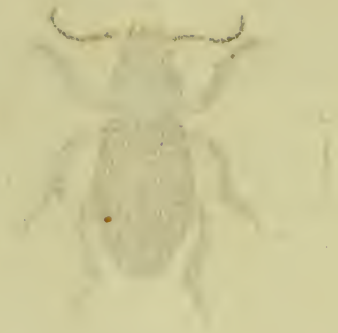
LONDON: PUBLISHED BY THE INSTITUTE.

1905.



Carabus alpinus Fabr.

J. St. fec.



CARABVS alpinus.

Der Alpen Laufkäfer.

Carabus alpinus: alatus ater elytris striatis: disco ferrugineo. *Fabric. Entom.*
syst. Suppl. p. 58.

Carabus torridus. *Illiger Kugel. Käf. Preuss. T. I. n. 42. p. 173. var. β.*

Habitat raro in Germania boreali.

a Magnitudo naturalis. b Eadem aucta.

CARAVAN

Don. Alphonse de la Roche.

Caravan, album, 1 album avec 100 photos: 100 photos. 1 album.

100 photos. 1 album.

Caravan, album, 1 album avec 100 photos: 100 photos. 1 album.

100 photos. 1 album.

100 photos. 1 album.



Carabus borealis Paykull.

J. St. f.



CARABVS borealis.

Der nördliche Laufkäfer.

Carabus borealis: supra obscure aeneus, elytris duplici serie profunde punctatis, margine summo pedibusque rufis. *Paykull.* Faun. Suec. T. I. n. 28. p. 118.

Carabus borealis. *Paykull.* Mon. Car. n. 30. p. 51.

Illiger Kug. Käf. Preuss. T. I. n. 66. p. 188.

Habitat in sylvaticis primo vere sub arborum cortice. *Kugelann.* l. c.

a Magnitudo naturalis. b Eadem aucta.



Carabus meridicianus Fabr.

CARABVS meridianus.

Der mittägliche Laufkäfer.

Carabus meridianus : alatus niger elytris antice pedibusque testaceis, *Fabric.*

Entom. syst. T. I. n. 177. p. 164. Syst. Entom. n. 62. p. 247. Spec. Inf.

T. I. n. 77. p. 312. Mant. Inf. T. I. n. 111. p. 205.

Carabus meridianus. Linn. Syst. Nat. n. 36. p. 673. ed. XIII. n. 36. p. 1978.

Fn. Suec. n. 797.

Rossi Faun. Etrusc. T. I. n. 554. p. 223.

Schrank inf. austr. n. 408.

Illiger Kugelann. Käf. Preuss. T. I. n. 82. p. 198.

Panzer Entom. germ. n. 101. p. 63.

Haud infrequens sub arborum cortice.

a Magnitudo naturalis. b Eadem aucta.

Fünf und siebenzigstes Heft.



Carabus quadrimaculatus Fabr.

J. St. fsc.



CARABVS quadrimaculatus.

Der viergefleckte Laufkäfer. Le Bupreste quadrille à corcelet plat, et etuis lisses. Geoffr.

Carabus quadrimaculatus: alatus thorace ferrugineo glabro, elytris obtusissimis fuscis: maculis duabus albis. *Fabric.* Entom. syst. T. I. n. 180. p. 165. Syst. Ent. n. 64. p. 248. Spec. Inf. T. I. n. 79. p. 313. Mant. Inf. T. I. n. 113. p. 205.

Carabus quadrimaculatus. *Linn.* Syst. Nat. n. 40. p. 673. ed. XIII, n. 41. p. 1971. Fn. Suec. n. 813.

Geoffr. Inf. T. I. n. 24. p. 152.

Rossi Faun. Etrusc. T. I. n. 560. p. 225.

Paykull Mon. Car. n. 51. p. 83.

Eiusd. Faun. Suec. n. 56. p. 140.

Illiger Kugel. Käf. Preuss. T. I. n. 88. p. 202. var. α)

Panzer Entom. germ. I. n. 108. p. 64.

Habitat haud infrequens sub arborum cortice et sub foliis deciduis in sylvaticis humidiusculis.

a Magnitudo naturalis. b Eadem aucta.

THE HISTORY OF THE

PLANT KINGDOM, OR THE HISTORY OF THE

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Carabus agilis Fabr.

J. St. fec



CARABVS *agilis.*

Der schnellfüßichte Laufkäfer.

Carabus agilis: alatus rufus, elytris abdomineque nigris. *Fabric.* Entom. Syst.

T. I. n. 67. p. 139. Mant. Inf. T. I. n. 99. p. 204.

Paykull Mon. Car. n. 64. p. 102.

Eiusd. Faun. Suec. n. 69. p. 150. α)

Illiger Kugel. Käf. Preuss. T. I. n. 88. p. 202. δ)

Carabus atricapillus. *Herbst* Archiv. V. n. 37. p. 137. tab. 29. f. 10.

Panzer Entom. germ. I. n. 40. p. 52.

Haud raro sub frondibus arborum deciduis.

a Magnitudo naturalis. b Eadem aucta.



Carabus truncatellus Fabr.

J. St. fec.



CARABVS truncatellus.

Der kleine abgestumpfte Laufkäfer.

Carabus truncatellus : alatus supra obscure aeneus, subtus ater, elytris obtusis.

Fabric. Entom. syst. T. I. n. 194, p. 168. Mant. Inf. T. I. n. 123. p. 206.

Carabus truncatellus. Linn. Syst. Nat. n. 43, p. 672. ed. XIII, n. 43. p. 1980.

Paykull Mon. Car. n. 61. p. 98.

Eiusd. Faun. Suec. n. 22. p. 114.

Illiger Kugel. Käf. Preuss. T. I. n. 91. p. 206.

Habitat in apricis fabulosis.

a Magnitudo naturalis. b Eadem aucta.

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1900

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Dermestes undatus Fabr.



DERMESTES undatus.

Der wellenförmig gezeichnete Speekkäfer.

Dermestes undatus: oblongus niger, elytris fascia undata alba duplici. *Fabric.*
Entom. Syst. T. I. n. 6. p. 228. Syst. Ent. n. 5. p. 56. Spec. Inf. T. I.
n. 6. p. 64. Mant. Inf. T. I. n. 6. p. 34.

Dermestes undatus. *Linn.* Syst. Nat. n. 3. p. 562. ed. XIII. n. 3. p. 1592. *Fn.*
Suec. n. 410.

Laichart. tyr. Inf. T. I. n. 3. p. 61.

Herbst Nat. Käf. IV. n. 12. p. 131. tab. 40. fig. 9. G.

Scriba Beytr. n. 32. p. 221. tab. 14. fig. 3.

Schäffer Ic. Inf. Ratisb. tab. 157. fig. 7. a. b.

Harrer Besch. d. Schäff. Inf. n. 46. p. 37.

Illiger Kug. Käf. Preuss. T. I. n. 4. p. 315.

Panzer Entom. germ. I. n. 9. p. 96.

Habitat in floribus, et in cadaveribus.

a Magnitudo naturalis. b Eadem aucta.

Journal of the

Proceedings of the

Annual Meeting of the

Association of the

Professors of the

University of

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Dermestes lunatus Fabr.



DERMESTES lunatus.

Der mondförmig gezeichnete Speckkäfer.

Der mestes lunatus: oblongus niger elytris lunula dorsali cinerea. *Fabric. Entom.*
Syst. T. I. n. 27. p. 232.

Perraro in floribus: bis tantum vidi,

a Magnitudo naturalis, b Eadem aucta.

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Dermestes adstrictor Helw.

f. St. f.



DERMESTES adstrictor.

Der unähnliche Speckkäfer.

Dermestes adstrictor: oblongo-ovalis brunneus pubescens, elytris punctato striatis. Illiger Kug. Preuss. Käf. T. I. n. 10. p. 322.

Herbst Nat. d. Käf. IV. n. 20. tab. 41. fig. 4. D.

Panzer Entom. germ. I. n. 48. p. 106.

Habitat in floribus. Haud commode sub hoc genere militat.

a Magnitudo naturalis. b Eadem aucta.

THE JOURNAL OF THE

ROYAL ANTHROPOLOGICAL INSTITUTE

OF GREAT BRITAIN AND IRELAND, VOL. LXXV, PART 1, 1905.

THE JOURNAL OF THE

ROYAL ANTHROPOLOGICAL INSTITUTE

OF GREAT BRITAIN AND IRELAND, VOL. LXXV, PART 1, 1905.

THE JOURNAL OF THE

ROYAL ANTHROPOLOGICAL INSTITUTE

OF GREAT BRITAIN AND IRELAND,

VOL. LXXV, PART 1, 1905.



Silpha grossa Fabr.

J. St. f. c.



SILPHA *grossa*.

Der breitgeschildete Aaskäfer.

Silpha grossa: picea elytris punctatis: lineis elevatis tribus, thorace transverse emarginato. *Fabric.* Entom. syst. T. I. n. 6. p. 249.

Silpha grossa: *Linn.* Syst. Nat. n. 21. p. 572. ed. XIII. n. 21. p. 1623. Faun. Suec. n. 459.

Herbst Nat. d. Käf. V. n. 6. p. 177. tab. 50. fig. 10.

Illiger Kug. Käf. Preuss. T. I. n. 1. p. 375.

Panzer Entom. germ. I. n. 3. p. 119.

Sub Cortice arborum, raro.

1911

1911

1911

1911

1911



Silpha ferruginea Fabr.

L. St. fec.

SILPHA ferruginea.

Der rostfärbige Aaskäfer.

Silpha ferruginea: ferruginea elytris lineis elevatis senis nigricantibus : margine ferrugineo. *Fabric.* Entom. syst. T. I. n. 21. p. 263. Syst. Ent. n. 16. p. 75. Spec. Inf. T. I. n. 19. p. 89. Mant. Inf. T. I. n. 22. p. 49.

Silpha ferruginea. Linn. Syst. Nat. n. 19. p. 672, ed. XIII. n. 19. p. 1623. Fn. Suec. n. 458.

Ostoma rubicunda. Laichart. tyr. Inf. I. n. 1. p. 102.

Herbst Nat. d. Käf. V. n. 21. p. 195. tab. 51. fig. 10.

Illiger Kugelan. Käf. Preuss. I. n. 2. p. 376.

Panzer Entom. germ. I. n. 15, p. 121.

Habitat sub corticibus arborum.

a Magnitudo naturalis. b Eadem aucta.

1881

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Silpha oblonga Fabr.

SILPHA oblonga.

Der länglichte Aaskäfer.

Silpha oblonga: nigra elytris striato punctatis: lineis elevatis senis, thorace emarginato. *Fabric.* Entom. syst. T. I. n. 22. p. 253. Syst. Ent. n. 17. p. 75. Spec. Inf. T. I. n. 20. p. 89. Mant. Inf. T. I. n. 23. p. 50.

Silpha oblonga. *Linn.* Syst. Nat. n. 22. p. 572. ed. XIII. n. 22. p. 1623. Faun. Suec. n. 460.

Herbst Archiv. IV. n. 9. p. 34. tab. 20. fig. 22.

Illiger Kug. Käf. Preuss. T. I. n. 3. p. 377.

Panzer Entom. getm. n. 16. p. 122.

Habitat cum antecedenti.

a Magnitudo naturalis. b Eadem aucta.

1874

1874

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1874

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1874



Apis ericetorum Mihi.

J. St. fée.

APIS ericetorum.

Die Heide - Biene. Die Heide - Hummel.

Apis ericetorum: hirsuta flava, abdominis fascia nigra, ano albo.

Habitat raro in ericetis. Legi autumnio 1799.

Magnitudo et statura *A. hortorum*. F. et habitus *A. hypnorum* F. sed ab utraque diversissima. Frons albo-hirsuta, interiecta hirsutiae flavescens. Antennae longiusculae nigrae. Thorax undique flavo hirsutus. Abdomen basi, s. segmentis primis duobus, flavum, dein fascia nigra; anus albus. Pedes nigri hirsutuli. Alae subfuscae.

1917-1918

1917-1918

1917-1918

1917-1918

1917-1918



Apis frutetorum Niki.

J. St. fec.

APIS frutetorum.

Die Strauch-Biene. Die Strauchhummel.

Apis frutetorum: hirsuta nigra, thorace cinerofcente fascia nigra: abdomine basi cinerofcente, ano fulvo.

Habitat in frutetis. Legi autumnno 1799.

Habitus et statura *A. autumnalis* F. sed diversa. Caput cum vertice atrum. Thorax dorso ater, antice et postice cinerofcens. Abdomen atrum, basi et medio cinerofcens: anus acutiusculus fulvus, Pedes nigri fulvo hirsutuli. Alae obscuro fuscae.

1894

1894

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1894

1894



Apis saluum Mihi.

APIS saltuum:

Die Schlag. Biene. Die Schlag - Hummel.

Apis saltuum: hirsuta atra, thorace albo, fascia nigra: abdomine antice anoque albis.

Legi haud infrequens in saltibus, in *Solidag. Virg. aur. L.*

Distincta omnino species. Caput nigro hirsutum. Antennae longiusculae nigrae. Thorax dorso ater, antice et postice albus. Abdomen antice cinerascens, medio subcalvum; annus acutiusculus densius albo hirsutus. Pedes nigri cinereo pilosi; tarsi fuscis. Alae apice hyalinae, nervis et venis fuscis.

1874

THE BOSTON HERBARIUM

After the above has been read, the following report of the Committee on the
Herbary will be read.

THE BOSTON HERBARIUM

Report of the Committee on the
Herbary. The Committee on the
Herbary has the honor to report
that it has the pleasure to
announce that the following
list of names of the members
of the Committee on the
Herbary is hereby published.



Papilio D. Cardamines Fabr.

J. St. fec.

PAPILIO Danaus Cardamines.

*Der Bergkrebsfalter. Die Aurora. Der Auroraweißling. L'Aurore.
Le Papillon perfillè.*

Papilio Danaus Cardamines: alis rotundatis integerrimis albis: posticis subtus viridi marmoratis. *Fabric.* Entom. syst. T. IV. n. 600. p. 193. Syst. Ent. n. 126. p. 472. Spec. Inf. T. II. n. 179. p. 43. Mant. Inf. T. II. n. 203. p. 20. *Papilio Dan. cand. Cardamines.* *Linn.* Syst. Nat. n. 85. p. 761, ed. XIII. n. 85. p. 2264. Fn. Suec. n. 1039.

Verz. d. W. Schmetterl. n. 7. p. 163.

Geoffr. Inf. T. II. n. 44. p. 71.

Schäffer Ic. Inf. Ratisb. tab. 91. fig. 1. 2.

Scopol. Carn. n. 454. ic. 454.

Rösel Inf. Bel. T. I. tab. 8.

Esper Eur. Schmett. T.I. tab. 4. fig. 1. tab. 27. fig. 3.

Borkhausen Eur. Schm. T.I. n. 7. p. 122. et p. 256.

Die Raupe dieses Falters findet man am gewöhnlichsten im Julius. Zur Nahrung dienen ihr der Waldkohl (*Turritis glabra* L.), der wilde Kohl (*Brassica campestris* L.) die Bergkresse (*Cardamine spec.*) und andere. Der Falter selbst erscheint in den ersten warmen Frühlingstagen, und man sieht ihn fast den ganzen Sommer hindurch. Er liebt Wiesen, grasigte Gärten, und grasigte Plätze in den Wäldern.



Papilio D. Eupheno Mas Fabr.

J. St. J.

PAPILIO Danaus Eupheno. Mas.

*Der Dreistrich. Der Braunmond. L' Aurora de Provence. Das
Männchen.*

Papilio Danaus Eupheno: alis integerrimis rotundatis flavis: anticis apice (medio
fulvis) nigris, posticis subtus strigis tribus fuscis. *Fabrle. Ent. Syst. T. IV.*
n. 644. p. 206. *Mant. Inf. T. II. n. 241. p. 23.*

Papilio Danaus Candid. Eupheno. Linn. Syst. Nat. n. 88. p. 726. ed. XIII. n. 88.
p. 2266.

Esper Eur. Schm. T. I. tab. 28. fig. 1. a. b.

Borkhausen. Eur. Schm. 1 Th. n. 6. p. 121. et p. 255.

Die Raupe dieses Falters kommt an Bau und Farbe mit der, des vorherge-
henden am nächsten überein Sie ist auf der *Biscutella didyma L.* entdeckt worden.
Flugzeit hat dieser Falter mit dem vorhergehenden Kreisweisling überein.

[The following text is extremely faint and largely illegible due to the quality of the scan. It appears to be a multi-paragraph document, possibly a letter or a report, written in a cursive or semi-cursive script. The text is oriented vertically on the page.]

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Papilio D. Eupheno Fem. Fabr.

J. St. fcc.

PAPILIO Danaus Eupheno Femina.

Der Dreistrich. Der Braunmond. Das Weibchen.

Papilio Dan. Eupheno. Fabr. l. l. c. c.

Papilio Dan. Cand. Eupheno. Linn. l. c.

Esper Eur. Schm. T. I. tab. 63. fig. 2. 3.

Lebt und wehnt bey seinem Männchen.

1874

1875

1876

1877

1878

1879

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- Tab. 1. *Elater atomarius* Fabric.
— 2. *Elater fasciatus* Fabric.
— 3. *Elater varius* Fabric.
— 4. *Elater lepidopterus* Panzer.
— 5. *Elater taeniatus* Panzer.
— 6. *Elater cruciatus* Fabric.
— 7. *Elater crucifer* Roffi.
— 8. *Elater pulchellus* Fabric.
— 9. *Elater bimaculatus* Fabric.
— 10. *Elater bipustulatus* Fabric.
— 11. *Tenthredo Juniperi* Foem. Fabric.
— 12. *Ichneumon urinator* Fabric.
— 13. *Stephanus coronatus* Jurine.
— 14. *Chalcis Abrotani* Jurine.
— 15. *Sphex spirifex* Fabric.
— 16. *Pompilus annulatus* Jurine.
— 17. *Pompilus octopunctatus* Jurine.
— 18. *Larra ichneumoniformis* Fabric.
— 19. *Mesaris apiformis* Fabric.
— 20. *Mutilla europaea* Fabric.
— 21. *Papilio Nymph.* *Selene* Fabric.
— 22. *Papilio Parnass.* *Crataegi* Fabric.
— 23. *Papilio Satyrus Semele* Fabric.
— 24. *Papilio Satyrus Cinxia* Fabric.



Elater atomarius Fabr.

J. St. fce.

ELATER atomarius.

Der weisbestäubte schwarze Springkäfer.

Elater atomarius: corpore atro: atomis numerosissimis albis. *Fabric.* Entom. syst. Supplem. p. 139.

Elater carbonarius. Schrank. austr. n. 343.

Elater punctatus. Herbst in Act. soc. nat. cur. berol. IV. tab. 7. fig. E.

Rossi Faun. etrusc. T. I. n. 440. p. 177.

Elater pulverulentus. Panzer Entom. germ. I. n. 5. p. 235.

Habitat in ligno putrido.

B. a Linné neque in Systemate Nat. neque in Faun. suec. unquam unum, & Elaterum genere, sub *atomarii* nomine publicasse, quivis novit, hinc apud *Fabricium* l. c. delendus est ille *Elat. atomar.* Linn.

a Magnitudo naturalis. b Antenna aucta.

1871

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1871

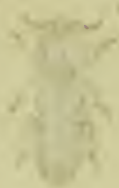
1871

1871



Elaeter fasciatus Fabr.

J. St. fers



ELATER fasciatus.

Der bandirte Springkäfer.

Elater fasciatus: thorace nigro pallidoque vario, elytris nigricantibus, fascia undulata alba. *Fabric.* Entom. syst. T. II. n. 29. p. 222. Syst. Ent. n. 12. p. 212. Spec. Inf. T. I. n. 17. p. 267. Mant. Inf. T. I. n. 21. p. 173.

Elater fasciatus. *Linn.* Syst. Nat. n. 27. p. 655. ed. XIII. n. 27. p. 1908. *Fn.* Suec. n. 737.

Panzer im *Naturforsch.* XXIV. n. 45. p. 32. tab. I. fig. 46.

— — Entom. germ. I. n. 9. p. 236.

Habitat in ligno.



Elatér varius Fabr.



ELATER varius.

Der buntschuppichte Springkäfer.

Elater varius: niger thoracis margine elytrorumque basi fasciaque postica villosa
flavescentibus. *Fabric.* Entom. Syst. T. II. n. 30. p. 222.

Elater Quercus. *Herbst* Archiv IV. n. 26. tab. 27. fig. 11. E.

Panzer Entom. germ. I. n. 11. p. 236.

Habitat in Quercu.

a Magnitudo naturalis. b Eadem aucta.



Elatér lepidopterus Miki.

J. St. fec.



ELATER lepidopterus.

Der goldschuppichte Springkäfer.

Elater lepidopterus: ater, supra infraque aureo squamosus, pedibus obscure ferrugineis.

Lectus semel Berolini in muro, mens. Jun. 1798. a Dom. *Funck* Pharmacop. Gfresensi — Baruth., qui eandem benevole mecum communicavit.

Statura, habitus *Elat. var. F.* est maior et distinctus. Corpus subius atrum, punctis vagis plurimis impressis, atomis squamosis numerosis aurulentis. Caput atrum fronte canaliculata. Antennae fuscae obtuso ferratae pubescentes. Thorax fuscus medio canaliculatus, utrinque puncto impresso. Elytra obscure ferruginea, impresso punctata, atomis numerosissimis, ut tota superficies — aurulentis adspersa. Pedes breves obscure ferruginei.

a Magnitudo naturalis. b Eadem aucta.



Elatér taeniata Miki.

ELATER taeniatus.

Der silberschuppichte Springkäfer.

Elater taeniatus: ater thorace elytrisque postice fasciis duabus interruptis argenteo squamosis.

Elater taeniatus. Panzer Entom. germ. I. n. 10. p. 236.

Lectus in trunco putrido montis piniferi in Franconia a Dom. Funk.

Eadem species, quam in Entom. german. l. c. publicaveram: descripta ibidem ad exemplum magis oblitteratum et derafum.

Caput atrum (argenteo squamosum) fronte foveolata. Antennae ferratae thorace dimidio breviores, obscure fuscae, articulo primo maximo. Thorax ater medio canaliculatus, postice utrinque impressus: tota huius superficies atomis arcte superimpositis argenteo squamosis tecta, translucente hinc vel illinc tamen nigredine. Elytra atra, atomis rarioribus, postice fasciis duabus interruptis, argenteo squamosis, punctisque plurimis vagis impressis. Pedes breves fusci. Corpus subtus atrum argenteo squamosum.



Elater cruciatus Fabr.



ELATER cruciatus.

Der große Kreuz-Springkäfer. Le Taupin porte-croix. Geoffr.

Elater cruciatus: thorace nigro: lateribus ferrugineis, coleoptris flavis margine cruci-
ceque nigris. *Fabric* Entom. syst. T. II. n. 38. p. 225. Spec. Inf. T. I. n.
21. p. 268 Mant. Inf. T. I. n. 25. p. 173.

Linn. Syst. Nat. n. 12. p. 653. ed. XIII. n. 12. p. 1304. Fn. Suec. n. 722, *Amön.*
Acad. T. V. tab. III. 209. 12.

Geoffr. Inf. T. I. n. 6. p. 133.

Sulzer abgek. Gesch. d. Inf. tab. 6. fig. 10.

Voet Coleopt. T. II. tab. 43. fig. 12.

Panzer Entom. germ. I. n. 16. p. 137.

Habitat in editioribus, in ligno putrido, et in floribus.

a Magnitudo naturalis. b Eadem aucta.

1871-1872

1871-1872

1871-1872

1871-1872

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1871-1872



Elater crucifer Rossi.

ELATER crucifer.

Der kleine Kreuz-Springkäfer.

Elater crucifer: thorace testaceo linea dorsali nigra, elytris concoloribus, cruce, margineque nigris. *Rossi* Faun. etrusc. T. I. n. 454. p. 183. tab. V. fig. 9.

Habitat sub Cortice putrido Quercus.

Facies *E cruciati*, a quo tamen differt colore minus nitido, et magnitudine multo minori, in reliquis omnino illi similis. Hic tamen et si plures habuerim, numquam inventus est maior lineis duabus. *Rossi* l. c.

a Magnitudo naturalis. b Eadem aucta.

1871

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1877



Elater pulchellus Fabr.

J. St. fec!

ELATER pulchellus.

Der schön gezeichnete Springkäfer.

Elater pulchellus: capite thoraceque atris, elytris nigris maculis flavescentibus, pedibus flavis. *Fabric.* Entom. syst. T. II. n. 77. p. 233. Syst. Entom. n. 34. p. 215. Spec. Inf. T. I. n. 44. p. 272. Mant. Inf. T. I. n. 53. p. 175.

Elater pulchellus. Linn. Syst. Nat. n. 35. p. 656. ed. XIII. n. 35. p. 1910. Faun. Suec. n. 745.

Herbst in Archiv IV. n. 22. tab. 27. fig. 7.

Panzer Entom. germ. I. n. 53. p. 243.

Habitat in sylvaticis, in hortis in floribus. Variat numero figura situque figurarum.

a Magnitudo naturalis. b Eadem aucta.



Elater bimaculatus Fabr.



ELATER bimaculatus.

Der zweyfleckigte Springkäfer.

Elater bimaculatus : niger elytris testaceis apice nigris: puncto albo, *Fabricius*
Entom. germ. I. n. 79. p. 233.

Rossi Faun. Etrusc. T. I. n. 452. tab. III. fig. 10.

Habitat in truncis putrid. Querc. et Salic. Varietas antecedentis videtur.

a Magnitudo naturalis. b Eadem aucta.

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Elater bipustulatus Fabr.



ELATER *bipustulatus*.

Der zweyblatterigte Springkäfer. Le Taupin noir à taches rouges. Geoffr.

Elater bipustulatus : ater nitidus elytris puncto baseos rubro. *Fabric. Ent. syst.*

T. II. n. 88. p. 235. *Syst. Ent.* n. 36. p. 215. *Spec. Inf.* T. I. n. 47. p. 273.

Mant. Inf. T. I. n. 59. p. 175.

Elater bipustulatus, *Linn. Syst. Nat.* n. 9. p. 652. ed. XIII. n. 9. P. 1904.

Geoffr. Inf. T. I. n. 15. p. 136.

Herbst Archiv. IV. n. 23. tab. 27. fig. 8.

Voet. Coleopt. T. I. n. 22. tab. 44. fig. 22.

Panzer Entom. germ. I. n. 57. p. 243.

Habitat sub cortice arborum, et in truncis putridis.

THE HISTORY OF THE
CITY OF BOSTON

FROM THE FIRST SETTLEMENT
TO THE PRESENT TIME
BY
JOHN H. COLEMAN
OF THE
CITY OF BOSTON
IN TWO VOLUMES
VOL. I.
BOSTON: PUBLISHED BY
J. B. LEECH, 15 N. STATE ST.
1858.



Tenthredo Juniperi Faem. Fabr.



TENTHREDO Juniperi Foemina.

Die Wachholder Blattwespe. Das Weibchen.

Tenthredo Juniperi: antennis pennatis obtusis, thorace glabro, corpore nigro.

Fabric. Entom. syst. T. III. n. 27. p. 112. Syst. Ent. n. 10. p. 319. Spec.

Inf. T. I. n. 16. p. 409. Mant. Inf. T. I. n. 17. p. 254.

Tenthredo Juniperi. Linn. Syst. Nat. n. 15. p. 923. ed. XIII. n. 15. p. 2657. Fn.

Suec. n. 1541.

Habitat in Juniperetis, raro. Nullibi descripta et delineata videtur. Ad picturam amicissimi *Jurine*, quam ipse ad hunc finem benevole mecum communicavit, haec tabula excusa est.

a Magnitudo naturalis. b Eadem aucta. c Antenna aucta. d Mandibula aucta.



Ichneumon urinator Fabr.

ICHNEVMON urinator.

Die rothe schwarzgefleckte Schlupfwespe.

Ichneumon urinator: niger thorace antice rufo, abdomine rufo: maculis dorsalibus nigris, alis fuscis. *Fabric.* Entom. syst. Snpplem. p. 224.

Habitat in nemoribus raro. Dn. *Jurine* cum pictura misit.

a Magnitudo naturalis. b Eadem aucta.



Stephanus coronatus Turine.



STEPHANVS coronatus.

Die Stachelkronigte Schlupfwespe.

Stephanus coronatus : capite thoraceque nigris ; abdomine petiolato ferrugineo apice nigro, femoribus posticis trispinosis. *Jurine in litt.*

Dn. *Jurine*, qui ex hac specie characterem genericum mutavit, et ipse genus sub hocce nomine condidit, semper supra lignum exsiccatum reperit. Picturam eum anatome manu artificiosissima amicissimi Viri debeo.

Antennae nigrae filiformes triginta duabus articulis compositae. Caput nigrum coronatum tribus spinis. Mandibulae parvae ferrugineae. Vertex transversim sulcatus. Thorax niger antice productus. Abdomen ferrugineum petiolatum, petiolo supra thoracem infixo, tribus ultimis segmentis nigris. Femora nigra apice alba, posticis infra triplici spina armatis. Tibiae ferrugineae, posticis apice dilatatis, Tarsi fusci basi albi. Alae nigricantes in medio fascia transversa hyalina, puncto bicolore. Mas idem sed multo minor. Dn. *Jurine in litt.*

Magnitudo naturalis. a Caput. b Antenna. c Mandibula aucta.



Chalcis abrotani Turine.



CHALCIS Abrotani.

Die Stabwurz - Zahnwespe.

Chalcis abrotani: atra antennis difformibus, tibiis anticis ferrugineis.

Habitat in Artemisia Abrotano. L. Dn. *Jurine* pinxit.

Corpus totum atrum, abdomine ovato nitido petioloto thorace duplo minori. Antennae singulares, uno versu pectinatae, pectinibus remotis, obtusissimis fere tetragonis, singulis utrinque quater ciliatis: articulis duobus ultimis connatis clavaeformibus. Pedes exiles nigri, tibiis anticis tarsisque mediis ferruginei. Femora simplicia. Alae aveniae albae hyalinae, nervo ad marginem anticum ferrugineo.

a Magnitudo naturalis, b Eadem aucta, c Mandibula, d Antenna aucta,



Sphex spirifex Fabr.



Handwritten text, likely a species name or description, is visible at the bottom of the page.

SPIIEX spirifex.

Die Wendel - Afterwespe.

Sphex spirifex: ater thorace hirsuto immaculato, petiolo inarticulato flavo longitudi-
ne abdominis. *Fabric.* Entom. Syst. T. III. n. 24. p. 204. Syst. Ent. n. 11.
p. 347. Spec. Inf. T. I. n. 15. p. 445. Mant. Inf. T. I. n. 20. p. 275.

Sphex spirifex. *Linn.* Syst. Nat. n. 9. p. 942, ed. XIII. n. 9. p. 2726.

Reaumur. Inf. VI. tab. 28. fig. 5.

Rossi Faun. Etrusc. T. II. n. 811. p. 61. tab. 2. fig. 13.

Scop. delic. fl. et faun. insubr. I. p. 57. tab. 25. fig. A.

Schäffer Ic. Inf. Ratisb. tab. 38. fig. 1.

Habitat in cylindris terreis spiralibus sub tectis, frequentans flores umbella-
tos. Dn. *Jurine* pinxit.

a Antenna aucta.

1892

1892

1892

1892

1892



Pompilus annulatus Jurine.



Handwritten text, likely a signature or date, is visible at the bottom of the page.

POMPILVS annulatus.

Die geringelte Grabwespe.

Pompilus annulatus: ater capite thoracis antico abdominisque segmentis basi flavis, alis ferrugineis apice atris. *Jurine*.

Sphex annulata. *Fabric*. Entom. syst. Supplem. p. 245.

Dn. *Jurine* ad Pompilos hanc Sphegem retulit, huiusque picturam communicavit.

a Antenna aucta. b Mandibula aucta.

1871

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Pompilus octopunctatus Turine.



Handwritten text, likely a signature or date, at the bottom of the page.

POMPILVS octopunctatus.

Die achtpunktirte Grabwespe.

Pompilus octopunctatus : ater antennis thoracis striga antica scutello punctis quatuor abdominis alisque ferrugineis.

Spbex quadripunctata. Fabric. Entom. syst T. III. n. 89. p. 219.

Singularis varietas *Sp. quadripunct.* F. punctorum ordine duplici, quam Dn. *Jurine* ipso consensu naturae ad *Pompil.* retulit, cuius effigies ad picturam Dn. *Jurine* sculpta est.

a Mandibula. b Antenna, aucta.

1875. 1876. 1877.

1878. 1879. 1880.

1881. 1882. 1883. 1884. 1885. 1886. 1887. 1888. 1889. 1890.

1891. 1892. 1893. 1894. 1895. 1896. 1897. 1898. 1899. 1900.

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1911. 1912. 1913. 1914. 1915.

1916. 1917. 1918. 1919. 1920.



Larra ichneumoniformis Fabr.



LARRA ichneumoniformis.

Die Schlupfwespenartige Prunkwespe.

Larra ichneumoniformis: atra abdominis primo secundoque segmento rufis. *Fabric.* Ent. syst. T. III. n. 4. p. 221.

Habitat in pratum floribus raro. Dn. *Jurine* picturam debeo.

Segmentum primum secundumque abdominis utrinque macula alba distincta.

[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]



Masaris apiformis Fabr.

MASARIS apiformis.

Die Bienenförmige Kolbenwespe.

Masaris apiformis : antennis clavatis ferrugineis, abdomine nigro, fasciis quinque flavis. *Fabric.* Entom. syst. T. III. n. 2. p. 284.

Chrysis dubia. *Rossi* Faun. etrusc. n. 849. p. 77. tab 7. fig. 10. 11.

Habitat in hortis in floribus, rarissime. Dn. *Jurine* picturam anatomemque hanc eximiam benigne suppeditavit.

a Antenna. b Mandibula c Labium. d Maxilla - aucta.



Mutilla europaea Fabr.

MVTILLA europaea.

Die europäische Mutille.

Mutilla europaea: nigra thorace rufo, abdominis segmentis margine albo. *Fabric.* Entom. syst. T. III. n. 9. p. 368. Syst. Entom. n. 7. p. 397. Spec. Inf. T. I. n. 7. p. 495. Mant. Inf. T. I. n. 8. p. 312.

Mutilla europaea. *Linn.* Syst. Nat. n. 4. p. 397. ed. XIII. n. 4. p. 2806. Fn. Suec. n. 1727.

Sulzer abgek. Gesch. d. Inf. tab. 27. fig. 23. 24.

Vadman. nov. spec. Inf. n. 98. tab. 17. ed. nostr. aptera.

Habitat in sylvaticis. Dn. *Jurine* pinxit. Abdomen in nostr. specim. atro caeruleum.



Papilio N. Selene Fabr.

PAPILIO Nymphalis Selene.

Die Selene. Das kleine silberne Halsband. Le petit collier argenté.

Papilio Nymph. Selene: alis dentatis fulvis nigromaculatis: subtus posticis maculis argenteis 12 punctoque distincto bascos strigaeque postica atris. *Fabric. Ent. syst. T. IV. n. 451. p. 147.*

Papilio Selene. Verz. d. W. Schm. Nachtr. p. 321.

Papilion d'Europe tab. 16. n. 23.

Esper eur. Schm. II. p. 150. tab. 30. fig. *Euphros. var.*

Borkhausen eur. Schm. I. n. 15. p. 42. et p. 220.

Man hielte diesen Falter ehemals für eine Spielart einer freylich ihm sehr ähnlichen, entschied jedoch nachher zu seinem Vortheile dahin, dass auch er als eigene Art angeführt werden dürffe. Von seiner Raupe, und überhaupt von seiner Metamorphose ist noch nichts bekannt.



Papilio P. Crataegi Fabr.

PAPILIO Parnassius Crataegi.

Der Baumweißling. Der Lilienvogel. Der deutsche Weißling. Der Weißdornfalter. Le Gazè. Geoffr. Papilion blanc à nervures noires. Degeer. The white Butterfly with black Veins.

Papilio Parnassius Crataegi: alis rotundatis integerrimis albis: venis nigris. *Fabric.* Entom. Syst. T. IV. n. 563. p. 182. Syst. Ent. n. 101. p. 466. Spec. Inf. T. II. n. 149. p. 35. Mant. Inf. T. II. n. 171. p. 17.

Papilio Helicon. Crataegi. Linn. Syst. Nat. n. 72. p. 758. ed. XIII, n. 72. p. 2257. Fn. Suec. n. 1034. Jt. gotl. n. 182.

Verz. der Wien. Schm. p. 163. D.

Geoffr. Inf. T. II. n. 43 p. 71.

Degeer T. I. p. 221. et 693. tab. 14. fig 12 — 20.

Schäffer Ic. Inf. Ratisb. tab. 140. fig. 2. 3.

Röfel Ins. Bel. 1 Th. tab. 3.

Esper Eur. Schm. 1 T. tab. 2. fig. 3.

Borkhausen Eur. Schm. I. n. 21. p. 131. et p. 262.

Die jungen Raupen kriechen im August aus dem Ei, bleiben den Herbst in einem Gewebe beisammen, und wenn sie asen, so gehen sie in Gesellschaft. Sie überwintern in diesem gemeinschaftlichen Gewebe, aber im künftigen Frühjahre vertheilen sie sich. Ihre Futterpflanzen sind *Weisdorn*, Aepfe- Birn- Zwetschen- Pflaumen und andere Obstbäume. Die Chrysalide ist eckigt, grünlich gelb und schwarz gefleckt, mit einer eintachen Spitze auf dem Kopf. Nach vierzehn Tagen kriecht der Falter aus.



Papilio S. Semele Fabr.

PAPILIO Satyrus Semele.

Der Adlerbraune safrangelb gefleckte Falter. Die Rostbinde. L'Agreste.

Papilio Satyrus Semele ♂ alis dentatis; fascia maculari fulva ocellis duobus: anticis fubtus disco baseos fulvo. *Fabric. Ent. Syst. T. IV. n. 725. p. 232. Syst. Ent. n. 224. p. 494. Spec. Inf. T. II. n. 341. p. 76. Mant. Inf. T. II. n.*

Papilio Nymphal. Gemmat. Semele. Linn. Syst. Nat. n. 148. p. 772. ed. XII. n. 148. p. 2300. Fn. Suec. n. 1051.

Syst. Verz. der Wien. Schmett. n. 17. p. 169.

Sulzer abgek. *Gesch. d. Inf. p. 145. tab. 17. fig. 5. 6.*

Schäffer Ic. Inf. Ratisb. tab. 207. fig. 3. 4.

Eisner eur. Schmett. 1 Th. tab. 8. fig. 1.

Borkhausen eur. Schmett. 1 Th. n. 6. p. 69. et p. 230.

Dieser Falter hält sich immer an steinigten Orten, in Blumen armen und kahlen Gefielden auf. Er kommt in der Mitte des Julius zum Vorschein und zeigt sich bis zu Ende des Septembers.



Papilio cinxia Fabr.

PAPILIO Satyrus Cinxia.

Der Breitwegerichfalter. Das Damenbrett. Der gelbe Würfelvogel.
Le Damier, premier espec. Geoffr. The black Fritillary.

Papilio Satyrus Cinxia: alis dentatis fulvis nigro maculatis: posticis subtus fasciis
tribus albidis nigro maculatis. *Fabric. Entom. syst. T. IV. n. 779. p. 250.*
Syst. Entom. n. 304. p. 514. Spec. Inf. T. II. n. 465. Mant. Inf. T. II.
n. 567. p. 58.

Papilio Nymph. Phaleratus Cinxia. Linn. Syst. Nat. n. 205. p. 784. ed. XIII.
n. 205. p. 2329. Fn. Suec. n. 1063.

Verz. der Wien. Schmett. n. 7. p. 179.

Geoffr. Inf. T. II. n. 12. A. p. 45.

Scopol. carn. n. 160. ic. 160.

Schäffer Ic. Inf. Ratisb. tab. 204. fig. 1. 2.

Rösel Inf. Bel. IV. tab. 13. fig. 4. 5. tab. 18. fig. 4.

Esper Eur. Schm. 1 Th. tab. 16. fig. 2. tab. 25. fig. 2. tab. 46. fig. 2. a. b.

Borkhausen Eur. Schm. 1 Th. n. 2. p. 49. p. 222.

Man findet die Raupe dieses Falters in lichten Waldungen, im Mai und Juni auf dem breiten und spitzigen Wegerich, Ehrenpreis und dem Leinkraute. Der Falter selbst fliegt am öftesten im Julius und Anfang des Augusts.

- Tab. 1. *Elatér pectinicornis* Fabric.
— 2. *Elatér cupreus* Fabric.
— 3. *Elatér cupreus Varietas* Fabric.
— 4. *Elatér castaneus* Fabric.
— 5. *Elatér signatus* Panzer.
— 6. *Elatér aulicus* Panzer.
— 7. *Elatér haematodes* Mac. Fabric.
— 8. *Elatér haematodes Fem.* Fabric.
— 9. *Elatér sicciticus* Panzer.
— 10. *Evania variegata* Fabric.
— 11. *Chalcis sispes* Fabric.
— 12. *Pompilus variegatus* Fabric.
— 13. *Pompilus gibbus* Fabric.
— 14. *Tiphia hemiptera* Fabric.
— 15. *Chrysis bidentata* Fabric.
— 16. *Chrysis succincta* Fabric.
— 17. *Mellinus ruficornis* Fabric.
— 18. *Mellinus diffectus* Panzer.
— 19. *Rhagio syrphoides* Panzer.
— 20. *Syrphus ruficornis* Fabric.
— 21. *Mulio sphegens* Fabric.
— 22. *Phalaena populata* Fabric.
— 23. *Phalaena pyraliata* Fabric.
— 24. *Phalaena chenopodiata* Fabric.



Elaeter pectinicornis Fabr.



ELATER pectinicornis.

Der kammhörnigte Springkäfer. Le Taupin brun cuivreux Geoffr.
Taupin bronzé à antennes barbues. Degeer.

Elater pectinicornis: thorace elytrisque aeneis, antennis maris pectinalis. *Fabric.*
Syst. Ent. n. 14. p. 212. Spec. Inf. T. I. n. 19. p. 268. Mant. Inf. T. I.
n. 23. p. 173. Entom. syst. T. II. n. 33. p. 223.

Elater pectinicornis. Linn. Syst. Nat. n. 32. p. 655. ed. XIII. n. 32. p. 1909.
Fa. Suec. n. 741.

Geoffr. Inf. T. I. n. 7. p. 133.

Degeer T. IV. n. 2. p. 87 tab. 5. fig. 3.

Scopol. carn. n. 278. ic. 278.

Schrank austr. n. 338.

Sulzer Kennz. d. Inf. tab. 5. fig. 36. d.

Sieben und siebenzigstes Heft.

Schäffer Ic. Inf. Ratisb. tab. 2. fig. 5.

Harrer Besch. d. Schöff. Inf. T. I. n. 105. p. 69.

Voet Coleopt. I. n. 31. tab. 45. fig. 31.

Panzer Entom. germ. I. n. 13. p. 237.

Habitat in hortis.

a Magnitudo naturalis *maris*. b Eadem aucta.



Elaeter cupreus Fabr.



ELATER cupreus.

Der kupferfärbigte Springkäfer.

Elater cupreus: cupreus elytris dimidiato flavis. *Fabric.* Syst. Entom. n. 15. p. 212.
Spec. Inf. T. I. n. 20. p. 268. Mant. Inf. T. I. n. 27. p. 173. Entom. 1y8.
T. II. n. 37. p. 225.

Panzer Entom. germ. I. n. 15. p. 237.

Habitat in Montis piniferi, umbelliferis, unde pluries accepi. Fig. 2. in *Schäffer. Ic. Inf. Ratisb.* tab. 38 a u. *Fabric.* et annos delenda, quae longe diversam speciem, minime vero *Elat. cupr.* repraesentat.

a Magnitudo naturalis. b Eadem aucta.

1874

1874

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Elater cupreus var. *Fabr.*



Stenobothrus *Stenobothrus*

ELATER cupreus Varietas.

Der kupferfärbige Springkäfer. Eine Spielart.

Elater cupreus. Fabric. l. I. c. c.

Habitat in sylvaticis Montis piniferi.

Verosimile equidem mihi videtur, eam ipsam varietatem, quam Cl. *Fabricius* l. c., propter *antennas* eiusdem *simplices*, *corpusque aeneum* separavit, potius propriam et distinctam utroque sexu praecellentem constituere speciem.

a Magnitudo naturalis. b Eadem aucta *Maris*. c Antenna *Feminae* aucta.

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Elater castaneus Fabr.

J. St. fec.



ELATER castaneus.

Der kastanienfärbige Springkäfer. Le Taupin à corcelet velouté. Geoffr.

Elater castaneus: thorace testaceo pubescente, elytris flavis apice nigris, corpore nigro. *Fabric.* Syst. Entom. n. 18. p. 213. Spec. Inf. T. I. n. 23. p. 269. Mant. Inf. T. I. n. 27. p. 173. Entom. syst. T. II. n. 40. p. 225.

Elater castaneus. Linn. Syst. Nat. n. 18. p. 654. ed. XIII, n. 18. p. 1905. Fn. Suec. n. 727.

Geoffr. Inf. T. I. n. 4. p. 132.

Schäffer Ic. Inf. Ratisb. tab. 31. fig. 4. et tab. 11. fig. 9.

Harrer Besch. d. Schäf. Inf. T. I. n. 106. p. 70.

Voet. Coleopt. I. n. 14. tab. 43. fig. 14.

Panzer Entom. germ. I. n. 17. p. 237.

Habitat in horticis in floribus.

a Magnitudo naturalis. b Eadem aucta.



Elater signatus Mihi.

ELATER signatus.

Der an den Spitzen der Flügeldecken schwarz gezeichnete Springkäfer.

Elater signatus: obscuro viridi aeneus, thorace sulcato, elytris testaceis apice nigris, antennis pectinatis.

Elater castaneus. Scop. carn. n. 286. ic. 286.

Elater pectinicornis. Poda mus. graec. n. 1. p. 41. tab. I. fig. 4.

Elater castaneus. Schrank austr. n. 337.

Elater cupreus. Harrer Besch. d. Schäff. Inf. T. I. n. 104. p. 68.

Schäffer Ic. Inf. Ratisb. tab. 38. fig. 2.

Lectus in montibus Salisburgensibus a Dn. Funk. Vindicanda tandem distincta atque propria toties a pluribus Entomologis, cum aliis Elateribus confusa species! Magnitudo *Elatr. pectinicorn.*, habitus *Elatr. castan.*, quamvis maior et procerior.

Caput obscure aeneum, vertice foveolato. Oculi nigri. Antennae nudaе nigrae pectinatae: pectinibus septem. Thorax obscure s. atro viridi aeneus nitidus, margine laterali parum pubescens, punctis plurimis vage impressis: dorso fuleo exaratus, pone utrinque spinosus. Scutellum obscurum. Elytra testacea nitida, striato-punctata, apice macula lanceolata atra, quae vero haud summam attingit. Pedes omnes nigris, unguibus testaceis. - Corpus subius obscure viridi aeneum nitidum.



Elater aulicus Mihi.

J. L. f.

ELATER aulicus.

Der schöne Springkäfer.

Elater aulicus: obscuro viridi aeneus, elytris testaceis immaculatis antennis pectinatis.

Habitat in Austria. Dn. de *Megerle* communicavit.

Maioribus indigenis adnumerandus. Caput obscuro viridi aeneum depresso punctulatum. Os nigrum. Oculi fusci. Antennae nigrae pectinatae: pectinibus novem. Thorax subpubescens obscuro viridi aeneus nitidulus, pone utrinque acuminatus. Scutellum concolor pubescens. Elytra testacea margine baseos nigro, nitida striato punctata immaculata: antice baseos utrinque parum impressa. Pedes atro aenei pubescentes, ungulis fuscis. Corpus subtus nitidum obscure aeneum.

1871. 1872. 1873.

1874. 1875. 1876.

1877. 1878. 1879. 1880. 1881. 1882. 1883. 1884. 1885. 1886. 1887. 1888. 1889. 1890. 1891. 1892. 1893. 1894. 1895. 1896. 1897. 1898. 1899. 1900.

1901. 1902. 1903. 1904. 1905. 1906. 1907. 1908. 1909. 1910. 1911. 1912. 1913. 1914. 1915. 1916. 1917. 1918. 1919. 1920.

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Elater haematodes Mas Fabr.

J. St. fce

ELATER haematodes. Mas.

Der purpurrothe Springkäfer. Das Männchen.

Elater haematodes: niger thorace pubescente fulvo, elytris striatis sanguineis. **Fabric.** Gen. Inf. Mant. p. 235. Spec. Inf. T. I. n. 35. p. 271. Mant. Inf. T. I. n. 39. p. 173. Entom. syst. T. II. n. 54. p. 228.

Elater istriacus. Scop, carn. n. 289. ic. 289.

Elater purpureus. Poda mus. graecenf. n. 3. p. 41.

Elater purpureus. Schrank. austr. n. 350.

Sulzer abgek. Gesch. d. Inf. p. 53. tab. 6. fig. 9.

Schäffer Abhandl. 1 Th. p. 82. tab. 2. fig. 9.

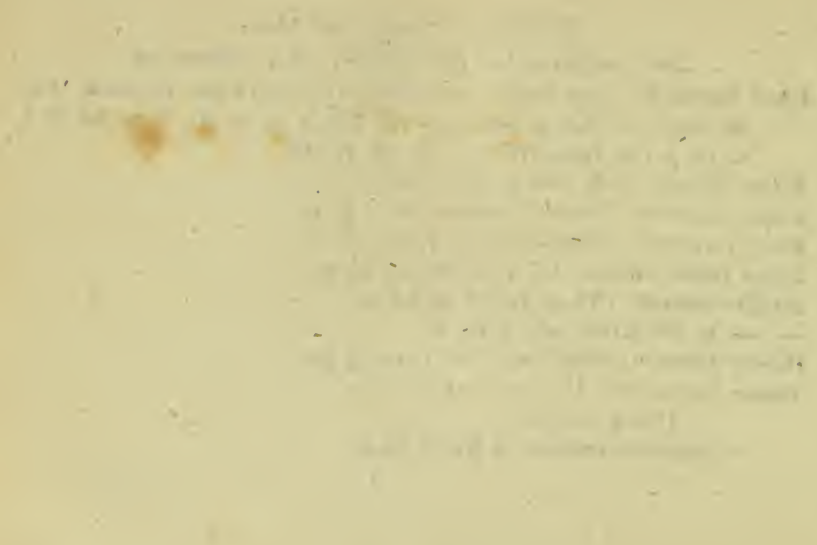
— — Ic. Inf. Ratisb. tab. 2. fig. 6.

Harrer Besch. d. Schäff. Inf. 1 Th. n. 110. p. 72.

Panzer Entom. germ. I. n. 32. p. 240.

Habitat in hortis.

a Magnitudo naturalis. b Eadem aucta.





Elater haematodes Fem. Fabr.

J. St. f.



ELATER haematodes. Femina.

Der purpurrothe Springkäfer. Das Weibchen.

Elater haematodes. Fabric. l. l. c. c.

Schäffer Ic. Inf. Ratisb. tab. 31. fig. 6.

Herbst Archiv. V. I. n. 25. p. 113. tab. 27. fig. 10.

Habitat cum mare.

a Magnitudo naturalis. b Eadem aucta.



Elater siliaticus Miki.

J. St. fec.



Longhorn beetle

ELATER sticticus.

Der hohlpunktirte Springkäfer.

Elater sticticus: thorace rufo punctis duobus dorsalibus impressis, elytris testaceis futura fusca.

Legi in Heracleo Spondyl. L. 1799.

Habitus et statura et magnitudo *Elat. livens*. F. cui similis, at differt. Caput nigrum. Os ferrugineum. Palpi testacei. Oculi nigri. Antennae testaceae, apice fusciscentes. Thorax leviter pubescens rufus punctatus, dorso fusco, punctis duobus impressis, pone, more conspicietur acuminatus. Elytra testacea punctato striata futura fusciscente. Pedes flaviscentes. Corpus subtus fuscum, ano flaviscente.

a Magnitudo naturalis. b Eadem aucta.



Evania variegata Fabr.

J. St. féc.



Calliphora vicina L.

EVANIA variegata.

Die bunte Stielbauchigte Wespe.

Evania variegata: nigra albo maculata abdomine rufo apice nigro: maculis tribus albis. *Fabric. Entom. syst. suppl. p. 241.*

Habitat in Umbelliferis in sabulosis.

a Magnitudo naturalis. b Eadem aucta.

1851

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1851



Chalcis sispes Fabr.

J. St. fec.

CHALCIS fispes.

Die rundschenklichte Schenkelwespe. La Guepe deginguendée. Geoffr.

Chalcis fispes: nigra abdominis petiolo femoribusque posticis incrassatis flavis. *Fabric.* Entom. syst. T. III. n. 1. p. 194 Mant. Inf. T. I. n. 1. p. 272.

Sphex fispes. Fabric. Spec. Inf. T. I. n. 61. p. 446.

Chrysis fispes. Fabric. Syst. Entom. n. 15. p. 359.

Geoffr. Inf. T. II. n. 16. p. 380.

Sphex myrifex. Sulzer abgek. Gesch. d. Inf. p. 191. 1. tab. 27. fig. 1.

Rossi Faun. etrusc. T. II. n. 802. p. 58. (*exclus. Synonym. Geoffr.*)

Hybner in Naturf. XXIV. n. 18. p. 54. tab. 2. fig. 22. a. b.

Habitat in hortis, in floribus.

a Magnitudo naturalis. b Eadem aucta. c Pes posticus auct.



Pompilus variegatus Fabr.

J. St. fec.

POMPILVS variegatus.

Die bunte Grabwespe.

***Pompilus variegatus*:** ater albomaculatus, thorace sub scutello rufo, alis apice fuscis. *Fabric. Entom. syst. Supplem. n. 10. p. 247.*

***Spex variegata*.** *Fabric. Entom. syst. T. III. n. 53. p. 211.*

Habitat in sabulosis, flores saepius frequentans.

a Magnitudo naturalis. b Eadem aucta.

1857

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Pompilus gibbus Fabr.

J. St. fec.



POMPILVS gibbus.

Die höckerichte Grabwespe.

Pompilus gibbus: niger abdomine ferrugineo apice fusco, alis anticis apice fuscis.

Fabric Entom. syst. Supplem. u. 17. p. 249.

Sphex gibba. *Fabric*. Entom. syst. T. III. n. 59. p. 212. Syst. Ent. n. 23. p. 350.

Spec. Inf. T. I. n. 34. p. 448. Mant. Inf. T. I. n. 40. p. 276.

Sphex gibba. *Linn*. Syst. Nat. n. 33. p. 946. ed. XIII. n. 33. p. 2732. Fn. Suec. n. 1658.

Sphex gibba. *Scopol*. carn. n. 786. (non 570!)

Rossi Faun. etrusc. T. II. n. 816. p. 63.

Habitat in sabulosis in floribus.

a). Magnitudo naturalis. b Eadem aucta.



Tiphia hemiptera Fabr.

J. St. jec.

TIPHIA hemiptera.

Die kurzflügelichte Rauhwespe.

Tiphia hemiptera: glabra atra alis brevissimis. *Fabric*, Entom. syst. Supplem. p. 254.

Habitat in pratis.

a Magnitudo naturalis. b Eadem aucta.



Chrysis bidentata Fabr.

J.St. fec.



CHRYISIS bidentata.

Die zweyzähniichte Goldwespe.

- Chrysis bidentata*: glabra nitida cyanea thorace bidentato abdominisque segmentis duobus primis aureis. *Fabric.* Entom. Syst. T. III. n. 11. p. 241. Syst. Ent. n. 7. p. 358. Spec. Inf. T. I. n. 9. p. 456. Mant. Inf. T. I. n. 10. p. 283.
- Chrysis bidentata*. *Linn.* Syst. Nat. n. 2. p. 947. ed. XIII. n. 2. p. 2745.
- Degeer* Inf. T. II. 2. n. 2. p. 159. tab. 29. fig. 3. 4.

Habitat ruri.

Abdominis segmentum primum supra aureum basi caerulea. *Linn.*

a Magnitudo naturalis. b Eadem aucta.



Chrysis succincta Fabr.

J.St.fec.

CHRYISIS succincta.

Die gebünderte Goldwespe.

Chrysis succincta : glabra viridis nitens thorace fascia coccinea, abdomine aureo subtridentato. *Fabric.* Entom. syst. T. III n. 13. p. 241. Syst. Ent. n. 8. p. 318. Spec. Inf. T. I. n. 10. p. 456. Mant. Inf. T. I. n. 12. p. 283.

Chrysis succincta, *Linn* Syst. Nat. n. 3. p. 947. ed. XIII. n. 3. p. 2745.

Rossi Faun. etrusc. T. II. n. 846. p. 76.

Habitat ruri.

a Magnitudo naturalis. b Eadem aucta.

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Mellinus ruficornis Fabr.

MELLINVS ruficornis.

Die rothhörnigte Viperwespe.

Mellinus ruficornis: thorace maculato, abdomine fasciis tribus flavis: anticis interruptis, antennis pedibusque rufis. *Fabric. Entom. syst. T. III. n. 3. p. 286.*

Habitat in fabulosis, floribus plerumque insidens.

a Magnitudo naturalls. b Eadem aucta.

1870

The following is a list of the
plants collected by me in the
mountains of the State of
California, during the summer
of 1870.

1. *Adiantum* sp.
2. *Asplenium* sp.
3. *Cheilanthes* sp.
4. *Conium* sp.
5. *Delphinium* sp.
6. *Erythronium* sp.
7. *Galium* sp.
8. *Geranium* sp.
9. *Hesperis* sp.
10. *Hyssopus* sp.
11. *Juniperus* sp.
12. *Lupinus* sp.
13. *Malva* sp.
14. *Monarda* sp.
15. *Nicotiana* sp.
16. *Origanum* sp.
17. *Polemonium* sp.
18. *Primula* sp.
19. *Ranunculus* sp.
20. *Salix* sp.
21. *Scilla* sp.
22. *Senecio* sp.
23. *Staphylea* sp.
24. *Thalictrum* sp.
25. *Urtica* sp.
26. *Verbascum* sp.
27. *Viola* sp.
28. *Yucca* sp.



Mellinus diffectus Mihi.

J. St. fec.

MELLINVS dissectus.

Die unterbrochen gebänderte Viperwespe.

Mellinus dissectus: ater abdomine fasciis tribus interruptis, segmento primo bimaculato.

Legi in floribus Syngenefiae et umbelliferis.

Habitus et statura *Mell. quinquecinct. F.*, cui similis, ast omnino diversus. Caput nigrum. Labium flavum. Palpi exserti apice flavescentes. Antennae nigrae, articulo primo subtus flavo. Thorax ater, lineola antica flava. Scutellum immaculatum. Alae hyalinae, macula apice opaca. Abdomen atrum nitidum, segmento primo subpetiolarum maculis duabus lutescentibus contiguis: reliquis fasciis angustis medio interruptis. Pedes fusco lutescentes, tibiis anticis flavis.

Nomen de *Mellino interrupto* Faun. LXXVII. 18., mutuavi, quoniam ille magis ad *Crabron. trimacul.* accedere mihi videtur.

a Magnitudo naturalis. b Eadem aucta.



Rhagio syrphoides Mihi.

J.St.fec.

RHAGIO syrphoides.

Die Schwebefliegenartige Schnepfenfliege.

Rhagio syrphoides: ater thorace lineato, abdomine rufo basi apiceque nigro, alis fascia costali fusca, pedibus testaceis.

Lecta a Dn. *Funck* in ditionibus Baruthinis.

Maior *Rh. tringar.* et *scolopaceo* F. Caput, antennae, palpi, haustellum atra. Thorax parum elevatus ater opacus, lineis quatuor cinereis (in pictura omis-
sis) mediis duabus approximatis, reliquis marginalibus. Scutellum subgibbum atrum. Abdomen elongatum medio rufum (segmenta 2. 3. 4) basi apiceque nigrum. Seg-
mente 2. 3 lineolis dorsalibus nigris. Alae obscure flavescens subhyalinae fascio-
la costali fusca, marginem inferiorem haud attingente. Pedes omnes testacei, po-
stici elongati.

a Magnitudo naturalis. b Eadem aucta.



Syrphus ruficornis Fabr.

J. St. fci.

Die rothhörnigte Schwebefliege.

Syrphus ruficornis : antennis setariis tomentosus thorace lineato, abdomine aeneo, alis maculatis. *Fabric.* Entom. Syst. T. VI. n. 84. p. 301. Syst. Ent. n. 35. p. 769. Spec. Inf. T. II. n. 48. p. 431. Mant. Inf. T. II. n. 35. p. 339.

Habitat in floribus.

a Magnitudo naturalis. b Eadem aucta.



Mulinio sphegeus Fabr.

J.St. fec.



MVLIO sphegeus.

Die Bastardwespenartige Schwebefliege.

Mulio sphegeus: niger pedibus ferrugineis. *Fabric.* Ent. syst. Supplem. n. 9. p. 559.

Syrphus sphegeus *Fabric.* Syst. Entom. n. 28. p. 768. Sp. Inf. T. II. n. 40. p. 429.

Mant. Inf. T. II. n. 47. p. 338. Entom. syst. T. VI. n. 72. p. 292.

Habitat in floribus.

Corpus vix atrum, potius atro violaceum. Inter *Muliones* aegre habitat,
eum *S. ichneumoneo* (*Faun. Inf. Germ. LXXIII. 24.*)

a Magnitudo naturalis, b Eadem aucta,

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Phalaena populata Fabr.

J. St. fec.

PHALAENA populata.

Der Aespen spanner.

Phalaena populata: feticornis alis flavo pallidis: anticis subfasciatis apice subtus fusco contaminatis. *Fabric.* Syst. Ent. n. 60. p. 632. Spec. Inf. T. II. n. 92. p. 258. Mant. Inf. T. II. n. 136. p. 200. Entom. syst. T. V. n. 168. p. 176.

Phalaena Geometr. populata: *Linn.* Syst. Nat. n. 244. p. 868. ed. XII. n. 244. p. 2473. Fn. Suec. n. 1266.

Syst. Verz. der Wien. Schmett. n. 17. p. 113.

Habitat in *Populo tremula*. *Linn.*

Die Gattung *Phyllanthus*

Phyllanthus (L.) Link. In der Gattung Phyllanthus sind die meisten Arten, welche in der Gattung Euphorbia (L.) Link. standen, vereinigt. Die Gattung Phyllanthus ist eine der grössten in der Familie der Euphorbiaceae. Sie enthält über 1000 Arten, welche in allen Theilen der Erde vorkommen. Die Gattung Phyllanthus ist eine der grössten in der Familie der Euphorbiaceae. Sie enthält über 1000 Arten, welche in allen Theilen der Erde vorkommen.

Die Gattung Phyllanthus ist eine der grössten in der Familie der Euphorbiaceae. Sie enthält über 1000 Arten, welche in allen Theilen der Erde vorkommen.

Die Gattung Phyllanthus ist eine der grössten in der Familie der Euphorbiaceae. Sie enthält über 1000 Arten, welche in allen Theilen der Erde vorkommen.



Phalaena pyraliata Fabr.

PHALENA pyraliata

Der Waldstrohspanner.

Phalena pyraliata: feticornis alis flavis: strigis quatuor undatis fuscis: posteriori maculari. *Fabric. Mant. Inf. T. II. n. 137. p. 201. Entom. Syst. Tom. V. n. 169. p. 176.*

Syst. Verz. der W. Schmett. n. 1. p. 117.

Habitat in *Galio vero* Linn.



Phalaena chenopodiata Fabr. J. St. fec.

PHALAENA chenopodiata.

Der Acker - Trespfspanner.

Phalena chenopodiata: feticornis alis anticis testaceis: fasciis tribus griseis; puncto prominulo apicisque lineola supra fulca. *Fabric*, Syft. Ent. n. 83. p. 636. Spec. Inf. T. II. n. 124. p. 263. Mant. Inf. T. II. n. 187. p. 207. Entom. syft. T. V. n. 227. p. 191.

Phalaena Geometr. chenopodiata. *Linn*. Syft. Nat. n. 246. p. 868. ed. XIII. n. 246. p. 2475. Fn. Suec. n. 1263.

Phalaena Geometr. Mediofasciat. Mensuraria. *System. Verz. der W. Schmett.* n. 2. p. 111.

Phalaena mensurata. *Scop.* carn. n. 560. ic. 560.

Kleemann Beytr. tab. 37.

Habitat in Chenopodiis et Bromo arvensi, in siccis et apricis collibus.

Tab. 1. *Chrysomela lurida* Fabric.

- 2. *Chrysomela collaris* Fabric.
- 3. *Chrysomela viminalis* Fabric.
- 4. *Chrysomela pallida* Fabric.
- 5. *Chrysomela pectoralis* Fabric.
- 6. *Chrysomela litura* Fabric.
- 7. *Chrysomela haemorrhoidalis* Fabric.
- 8. *Ichneumon grossiorius* Fabric.
- 9. *Ichneumon intractorius* Fabric.
- 10. *Ichneumon ambulatorius* Fabric.
- 11. *Ichneumon mercatorius* Fabric.
- 12. *Ichneumon flavatorius* Fabric.
- 13. *Ichneumon debellator* Fabric.
- 14. *Ichneumon dubitator* Panzer.
- 15. *Chalcis clavipes* Fabric.
- 16. *Chalcis flavipes* Fabric.
- 17. *Crabio trimaculatus* Fem. Rossi.
- 18. *Apis acervorum* Fabric.
- 19. *Apis tuberculata* Fabric.
- 20. *Nomada nigrita* Fabric.
- 21. *Phalangium phaleratum* Panzer.
- 22. *Aphis piceae* Panzer.
- 23. *Noctua quadra* Mas. Fabric.
- 24. *Noctua quadra* Femina Fabric.



Chrysomela lurida Fabr.

J. St. fce.



CHRYSOMELA lurida.

Das fahle Goldhähnchen. La Chrysomèle rouge à corcelet noir. Geoffr.

Chrysomela lurida: ovata nigra elytris striatis punctatis castaneis. *Fabric. Syst.*

Entom. n. 17. p. 97. Spec. Inf. T. I. n. 24. p. 120. Mant. Inf. T. I. n. 33.
p. 69. Entom. system. T. I. n. 52. p. 38.

Chrysomela lurida. Linn. Syst. Nat. n. 28. p. 590. ed. XIII. n. 28. p. 1677.

Geoffr. Inf. T. I. n. 3. p. 258.

Panzer Entom. germ. I. n. 21. p. 160.

Habitat in Vite Betula.

a Magnitudo naturalis. b Eadem aucta.

Acht und siebenzigstes Heft.

1891. 1892. 1893.

1891. 1892. 1893. 1894. 1895. 1896. 1897. 1898. 1899. 1900.

1901. 1902. 1903. 1904. 1905. 1906. 1907. 1908. 1909. 1910.

1911. 1912. 1913. 1914. 1915. 1916. 1917. 1918. 1919. 1920.

1921. 1922. 1923. 1924. 1925. 1926. 1927. 1928. 1929. 1930.

1931. 1932. 1933. 1934. 1935. 1936. 1937. 1938. 1939. 1940.

1941. 1942. 1943. 1944. 1945. 1946. 1947. 1948. 1949. 1950.

1951. 1952. 1953. 1954. 1955. 1956. 1957. 1958. 1959. 1960.

1961. 1962. 1963. 1964. 1965. 1966. 1967. 1968. 1969. 1970.

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1981. 1982. 1983. 1984. 1985. 1986. 1987. 1988. 1989. 1990.

1991. 1992. 1993. 1994. 1995. 1996. 1997. 1998. 1999. 2000.

2001. 2002. 2003. 2004. 2005. 2006. 2007. 2008. 2009. 2010.

2011. 2012. 2013. 2014. 2015. 2016. 2017. 2018. 2019. 2020.

2021. 2022. 2023. 2024. 2025. 2026. 2027. 2028. 2029. 2030.



Chrysomela collaris Fabr.

J.St. fec.



Scarabaeus *Scarabaeus*

CHRYSOMELA collaris.

Das am Bruststück gefäumte Goldhähnchen.

Chrysomela collaris: ovata violacea, thoracis marginibus albis puncto nigro. *Fabric.* Syst. Entom. n. 21. p. 97. Spec. Inf. T. I. n. 29. p. 121. Mant. Inf. T. I. n. 38. p. 69. Entom. syst. T. I. n. 56. p. 319.

Chrysomela collaris. *Linn.* Syst. Nat. n. 37. p. 591. ed. XIII. n. 37. p. 1680. Fn. Suec. n. 528.

Rossi Faun. Etrusc. ed. Hellwig. I. n. 210. p. 87.

Voet Coleopt. T. IV. n. 1. p. 27. tab. 30. fig. 1. *edit. nostr.*

Panzer Entom. germ. I. n. 22. p. 160.

Habitat in Salice.

a Magnitudo naturalis. b Eadem aucta.

THE HISTORY OF THE CITY OF BOSTON

FROM THE FIRST SETTLEMENT
TO THE PRESENT TIME
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JOHN B. HENNING, ESQ.
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NEW YORK:
PUBLISHED BY
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OF THE BOSTON BAR

1854



Chrysomela viminalis Fabr.

J. St. fcc.



CHRYSOMELA viminalis.

Das Band - Weiden Goldhähnchen.

Chrysomela viminalis: ovata nigra thorace rufo bimaculato, elytris rufis. *Fabric.*
Syst. Ent. n. 22. p. 98. Spec. Inf. T. I. n. 30. p. 121. Mant. Inf. T. I.
n. 39. p. 69. Entom. syst. T. I. n. 59. p. 319.

Chrysomela viminalis. *Linn.* Syst. Nat. n. 31. p. 590. ed. XIII. n. 31. p. 1678.
Fn. Suec. n. 524.

Chrysomela signata. *Scopol.* carn. n. 233. *absque icone.*

Panzer Entom. germ. I. n. 24. p. 160.

Habitat in Salice,

Chrysom. *Goeffr.* I. n. 18. p. 265. vix huc referenda. Varietatem *Chrysf.*
10. *punct.* credit *Scriba* in ephemerid. n. 182. Maculae thoracis haud raro desunt.

a Magnitudo naturalis. b Eadem aucta.



Chrysomela pallida Fabr.

J. St. fec.

CHRYSOMELA pallida.

Das bleichgelbe Goldhähnchen.

Chrysomela pallida: ovata flavescens oculis nigris. *Fabric.* Syft. Ent. n. 26. p. 99.
Spec. Inf. T. I. n. 34. p. 122. Mant. Inf. T. I. n. 44. p. 70. Entom. fyft.
T. I. n. 64. p. 321.

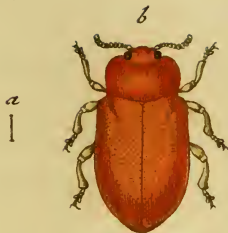
Chrysomela pallida. *Linn.* Syft. Nat. p. 25. p. 589. ed. XIII. n. 25. p. 1676. Fn.
Suec. n. 521.

Panzer Entom. germ. I. n. 27. p. 161.

Habitat in Alno, Betula, Sorbo, Salice.

Crioceris. *Geoffr.* I. n. 6. p. 243. huc non pertinet. Antennae in nostris apice
fuscescentes.

a Magnitudo naturalis. b Eadem aucta.



Chrysomela pectoralis Fabr.

J. St. fec.

CHRYSOMELA pectoralis.

Das rothe Goldhähnchen mit schwarzer Brust.

Chrysomela pectoralis: ovata rufa pectore abdominisque basi nigris. *Fabric. Entom. syst. T. I. n. 102. p. 328.*

Dermeestes rufus. *Herbst im Archiv IV. n. 14. p. 22. tab. 20. fig. 7.*

Panzer Entom. germ. I. n. 46. p. 165.

Habitat primo vere in floribus Pomonae frequens.

a Magnitudo naturalis. b Eadem aucta.



Chrysomela litorea Fabr.



CHRYSOMELA litura.

Das gelbrothe Goldhähnchen, mit dem schwarzen Rückenstreif.

Chrysomela litura: ovata rufescens elytris futura lineaque longitudinali, atris. *Fabric.*
Syst. Entom. n. 44. p. 102. Spec. Inf. T. I. n. 57. p. 126. Mant. Inf. T. I.
n. 74. p. 72. Entom. syst. T. I. n. 103. p. 328.

Herbst im Archiv IV. n. 30. p. 57. tab. 23. fig. 18.

Panzer Entom. germ. I. n. 46. p. 165.

Legi utrumque sexum frequens semper in *Spartio Scopario* Linn.

a Magnitudo naturalis. b Eadem aucta,



Chrysomela haemorrhoidalis Fabr.

J. St. f. 2.



CHRYSOMELA haemorrhoidalis.

Das rothafterichte Goldhähnchen.

Chrysomela haemorrhoidalis: ovata nigra nitida, antennis basi flavescentibus, ano supra rubro. *Fabric.* Syst. Entom. n. 47, p. 102. Spec. Inf. T. I. n. 60. p. 116. Mant. Inf. T. I. n. 78. p. 72. Entom. syst. T. I. n. 107. p. 329.

Chrysomela haemorrhoidalis. *Linn.* Syst. Nat. n. 6, p. 587. ed. XIII, n. 6. p. 1669. Fn. Suec. n. 508.

Panzer Entom. germ. I. n. 49. p. 165.

Habitat in Betula, Alno, Salice,

a Magnitudo naturalis. b Eadem aucta.



Ichneumon grosforius Fabr.

J. St. fec.



ICHNEVMON *grossorius*.

*Die grosse Schlupfwespe mit dem rothgeringelten schwarzen
weissgefleckten Unterleib.*

Ichneumon grossorius: scutello albo, thorace maculato, abdominis segmento secundo tertioque rufis, ultimis apice albis. *Fabric.* Entom. syst. T. III, n. 17. p. 136.

Legi raro in *Carpino Betulo* Linn.

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[Faint, illegible text, likely bleed-through from the reverse side of the page]

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Ichneumon infractorius Fabr.

J. St. f.



ICHNEVMON infractorius.

Die schwarze ununterbrochen gelbgebänderte Schlupfwespe.

Ichneumon infractorius: scutello flavo thorace maculato, abdominis segmentis margine flavis, pedibus flavis, femoribus nigris. *Fabric.* Syst. Entom. n. 9. p. 328. Spec. Inf. T. I. n. 9. p. 422. Mant. Inf. T. I. n. 10. p. 260. Entom. syst. T. III. n. 5. p. 138.

Ichneumon infractorius. Linn. Syst. Nat. n. 7. p. 931. ed. XIII. n. 7. p. 2676. Fn. Suec. n. 1584.

Rossi Faun. Emusc. T. II. n. 744. p. 37.

Schäffer Ic. Inf. Ratisb. tab. 20. fig. 9.

Legi in dumetis, et in floribus umbelliferis.

a Magnitudo naturalls. b Eadem aucta.

1874

1874

1874

1874



Ichneumon ambulatorius Fabr.

J. St. fec.



ICHNEVMON ambulatorius.

*Die schwarze Schlupfwespe mit dem rothgebänderten schwarzen
weissgerändeten Unterleib.*

Ickneumon ambulatorius: scutelio flavicante, thorace maculato, abdominis segmento secundo (tertioque) terrugineo, reliquis margine albis. *Fabric. Syst. Entom.* n. 10. p. 329. *Spec. Inf. T. I.* n. 10. p. 422. *Mant. Inf. T. I.* n. 11. p. 260. *Entom. syst. T. III.* n. 26. p. 139.

Schäffer Ic. Inf. Ratisb. tab. 74. fig. 4.

Legi minus frequens in umbelliferis.

Frequentius occurrit abdomine atro, segmento primo petiolari nigro, secundo tertio rufis, quarto, quinto, sexto nigris postice albis. Pedes postici apice nigro annulati. Alae fuscae, stigmate marginali ordinario late flavo.

a Magnitudo naturalis. b Eadem aucta.

1871-1872

Dr. J. J. Smith, Secretary of the Smithsonian Institution

Washington, D. C.

My dear Sir: I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the matter of the Smithsonian Institution. I am sorry to hear that you are unable to visit the Institution at the present time, but I am glad to hear that you are still interested in the work of the Institution.

I am sure that you will find the work of the Institution very interesting and profitable. I am sure that you will find the work of the Institution very interesting and profitable.

I am sure that you will find the work of the Institution very interesting and profitable. I am sure that you will find the work of the Institution very interesting and profitable.

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Ichneumon mercatorius Fabr.

J.St.fec.

ICHNEVMON mercatorius.

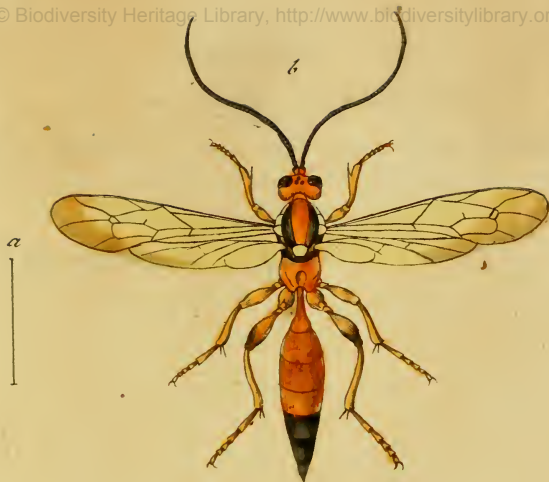
Die schwarze Schlupfwespe mit dem gelb gebänderten und geränderten Unterleib.

Ichneumon mercatorius: scutello flavicante, thorace submaculato, abdominis segmento secundo tertioque basi, reliquis apice flavis. *Fabric.* Entom. syst. T. III. n. 41. p. 143.

Schaeffer Ic. Inf. Ratisb. tab. 72. fig. 5. tab. 205. fig. 6. et tab. 223. fig. 7.
Legi haud raro in umbelliferis.

Occurrit non raro abdominis segmento *tertio*, *apice* etiam *flavo marginato*.

a Magnitudo naturalis, b Eadem aucta,



Ichneumon flavatorius Fabr.

J. St. J. eo.

ICHNEVMON flavatorius.

Die rothe gelbbunte Schlupfwespe.

Ichneumon flavatorius: scutello albo fulvus, antennis abdominisque ultimis segmentis atris. *Fabric. Entom. syst. Supplem. p. 220.*

Obvius rarissime in umbelliferis.

a Magnitudo naturalis. b Eadem aucta.

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Ichneumon de bellator Fabr.

J. St. fée.



ICHNEVMON debellator.

Die schwarze Schlupfwespe mit dem in der Mitte rothen Unterleib,

Ichneumon debellator: niger, abdominis quatuor segmentis intermediis rufis, femoribus clavatis nigris. *Fabric.* Syst. Ent. n. 37. p. 333. *Spec. Inf. T. I.* n. 41. p. 427. *Mant. Inf. T. I.* n. 49. p. 263. *Entom. syst. T. III.* n. 78. p. 152.

Raro in dumetis.

a Magnitudo naturalis. b Eadem aucta.



Ichneumon dubitator Michx.

J. St. fec.



ICHNEVMON dubitator.

Die schwarze rothgebänderte und weißgeringelte Schlupfwespe.

Ichneumon dubitator: niger, abdominis segmento primo apice, secundo tertioque totis rufis, reliquis apice albis.

Legi haud infrequens in umbelliferis.

Medius. Caput, antennae, thorax atra immaculata, Abdomen clavatum, atrum, nudulum, segmento primo apice, secundo tertioque totis rufis, reliquis nigris apice albo marginatis. Pedes ferruginei: tarsi postici nigri, Alae obscuro hyalinae.

a Magnitudo naturalis. b Eadem aucta.



Chalcis clavipes Fabr.

J. St. fce.



CHALCIS clavipes.

Die rothschenklichte Schenkelwespe.

Chalcis clavipes: atra femoribus posticis incrassatis rufis. *Fabric. Mant. Inf.*

T. I. n. 2. p. 272. *Entom. system. T. III. n. 2. p. 195.*

Sphex fipes. Linn. Syft. Nat. n. 13. p. 943. ed. XIII. n. 1. p. 2742, Faun. Suec.
n. 1657.

Hübner im Naturforsch. XXIV. n. 19. p. 56. tab. II. fig. 23.

Rossi Faun. etrusc. T. II. n. 803. p. 58.

Legi raro in fabulosis.

a Magnitudo naturalis. b Eadem aucta.

1871

1871

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1871

1871



Chalcis flavipes Fabr.

J. St. fec.

CHALCIS flavipes.

Die gelbfüßichte Schenkelwespe.

Chalcis flavipes: atra femoribus posticis incrassatis ferratis, macula apicis flava, pedibus flavis. *Fabric. Entom. syst. T. III. n. 10. p. 197.*

Quamvis haec *Chalcis* species, ad insularum *Americae meridionalis* indigenas, iam iam ab illustr. *Fabricio* relata fuerit, meumque exemplum, quod in propria collectione conservo, ex *India occidentali* profectum; attamen Dn. *Sturm* affirmabat, ipsum, aliud etiam *Norimbergae* reperiisse. Ad me nunc misso hoc exemplo, seduloque cum illo instituto examine, omnino patuit, nullum superesse dubium, et adeo utrumque exemplum inter se convenire, ut vel ulla discriminis nota, haud amplius detegi potuisset. Atqui, dum speciem antehac *Americae meridionalis* indigenis adscriptam, non spernentem paterna rura quoque cognoscerem, haud haesitavi, eam nunc inter insecta nostratia etiam enumerare.

a Magnitudo naturalis. b Eadem aucta.



Crabro trimaculatus Rossi Fem.

J. St. fce.



CRABRO trimaculatus. Femina.

Die dreygefleckte Horneise. Das Weibchen.

Crabro trimaculatus: ater thorace albo maculato, abdominis segmento primo rufo, reliquis utrinque linea transversa alba.

Sphex maculata. Fabric. Mant. Inf. T. I. n. 50. p. 277. Entom. system. T. III. n. 70. p. 215.

Pompilus maculatus. Fabric. Entom. syst. Supplem. n. 32. p. 251.

Sturm Verz. f. Insekt. tab. III. fig. 2.

Pluries legi huius exempla, obvia saepius in plantis umbelliferis ad dunetorum versuras, plusquam autem saepius ea in copula, cum mare, *Crabrone trimaculato* Ross. (*Faun. Insect. LI. 13.*) deprehendi. Quum autem animadverterem, marem nulla constanti nota, a *femina hac* sua differre, si excipis duntaxat pedum segmentique primi abdominis *ruborem*, coloremque hunc, haud satis esse aptum,

ad novam speciem condendam: arbitratus sum esse consultius, speciem a natura ipfa copulatam, etiam tradere coniunctam, nec illam ipsam, utroque nunc insignem sexu, in partes inique solvere.

Addendum, hanc speciem, neque inter Crabrones, neque inter Spheges, multo minus inter *Pompilos* apte militare sed potius proprium constituere genus.

a Magnitudo naturalis, b Eadem aucta.



Apis acervorum Fabr.

J.St. fec.

APIS acervorum.

Die Sandhäufchen - Biene.

Apis acervorum: hirsuta atra, tibiis posticis ferrugineis. *Fabric. Syst. Ent. n. 21.*
p. 382. *Spec. Inf. T. I. n. 25. p. 479. Mant. Inf. T. I. n. 29. p. 301. Entom. syst. T. III. n. 36. p. 322.*

Apis acervorum. Linn. Syst. Nat. n. 50, p. 961. ed. XIII. n. 50. p. 2783. Fn. Suec. n. 1717.

S. brank. inf. austr. n. 802.

Reffi Faun. etrusc. n. 907. p. 101.

Habitat in floribus, saepius *Carduis* delectatur. *Schaefferi* figura 5. in tab. 78. *Apis muraria* repraesentatur, ideoque huc non pertinet.

a Magnitudo naturalis. b Eadem aucta.

1881 - 1882 - 1883

The following table shows the results of the
investigation of the water quality in the
river Rhine, from 1881 to 1883, at the
station of the water works of the city of
Düsseldorf. The results are given in the
following table, in which the numbers in
the first column refer to the different
samples, and the numbers in the second
column to the different analyses.



Apis tuberculata Fabr.

J. St. fec.

APIS tuberculata.

Die unter dem Halse höckerichte Biene.

Apis tuberculata: thorace pubescente, abdomine atro: margine cinerascete, ano fulvo. *Fabric.* Entom. system. T. III. n. 84. p. 3.

Legi infrequens in floribus compositis.

Processus conicus corneus sub gula, in hac specie maxime notabilis.

a Caput cum. b tuberculo sub gula aucta.

1891

1891

1891

1891

1891

1891

1891



Nomada nigrita Fabr.

J. St. fcc.

NOMADA nigrita.

Die schwarze Trauerbiene.

Nomada nigrita: atra thorace cinereo villoso, abdomine nitido immaculato, alis apice fuscis.

Nomada nigrita. *Fabric.* inedit.

Schäffer Ic. Inf. Ratisb. tab. 224. fig. 3. 4.

Legi haud infrequens in *Mentha sylvestri* Linn. Magnitudine variat.

Inter maiores huius generis. Caput atrum. Frons villosita atra barbata. Oculi cinerei. Antennae nigrae thorace breviores. Thorax ater cinereo villosus. Scutellum depressum, minime elevatum. Abdomen atrum elongatum lucidum, basi et apice rara pube vestitum. Pedes nigro villosuli. Alae fuscescentes, apice intensius fuscae.

a) Magnitudo naturalis. b Eadem aucta.

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1902



Phalangium phaleratum Mühl.

J.St. fec.

PHALANGIVM phaleratum.

Die buntfärbigte Afterspinne.

Phalangium phaleratum: ferrugineum chelis atris, abdomine subrotundo nigro, basi, fascia interrupta, maculisque tribus dorsalibus flavis.

Legi in arenosis Mens. Junio 1800.

Caput cum thorace in unum corpus unitum, circumscriptione ovata, colore ferrugineo. Oculi subocto, duobus scilicet coalitis. Chelae nigrae petiolo ferrugineo insidentes. Abdomen subrotundum nigrum basi flavum, fascia medio interrupta, punctisque tribus dorsalibus flavis. Puncta duo fere in medio opposita, tertium ante apicem. Pedes ferruginei: femoribus primi paris, tibiisque omnibus apice nigro annulatis.

a Magnitudo naturalis. b Eadem aucta.

1875

1875

1875

1875

1875

1875



Aphis Piccae Mithi.

J. St. f.

APHIS piceae.

Die Blattlaus auf der Weistanne.

Aphis piceae. *Pinus piceae.* Linn.

Schäffer Ic. Inf. Ratisb. tab. 222. fig. 4. 5. ?

Legi ante aliquot annos in *Pinu picea* Linn. deinde etiam legit nuperrime eam amicissimus Carol. de Furtenbach, collegii norimbergensis de re saltuaria a consiliis, in *Pinu Abiete* Linn. benevoleque mecum huius numerosam gregem communicavit.

Fertilis, si quae alia species est huius generis, adeo, ut pene integer truncus *Pini Abietis* L, propter singularem copiam harum Aphidum, eminus nigredine aliqua obductus videretur.

Inter maiores species huius generis referenda. Corpus nigrum, margine laterali incrassato. Cornicula subnulla, Anus subobtusus, Antennae nigrae ad me-

dium usque rufescentes: articulo primo crassiori. Pedes rufescentes, femoribus apice
tarsisque nigricantibus: postici elongati. Alae praegrandes omnino albo-hyalinae,
lineola marginis antici ante apicem nigra. Ad *Aphid. Ligustici Fabric.* propius
accedere videtur.

a Magnitudo naturalis. b Eadem aucta.



Noctua quadra Mas Fabr.

J. St. f.

NOCTVA quadra. Mas.

Der Vierpunkt. Der Strohhut. Die Stahlmotte. Der groſſe Schabenſpinner. Das Viereck. Das Männchen.

Noctua quadra: laevis alis depressis luteis: anticis punctis duabus cyaneis. *Fabric. Entom. ſyſt. T. V. n. 54. p. 24.*

Noctua deplana. Fabric. Syſt. Entom. n. 20. p. 595. Spec. Inf. T. II. n. 29. β. p. 215. Mant. Inf. T. II. n. 40. p. 139. β.

Phalaena Noctua deplana. Linn. Syſt. Nat. Mant. I. p. 539. ed. XIII. n. 987. p. 2533.

Roffi Faun. etruſc. T. II. n. 1108. p. 179.

Borkhaufen eur. Schmett. III. Th. n. 76. p. 239.

Die Raupe findet man auf verſchiedenen Bäumen, als der Buche, der Eſche, dem Maulbeerbaum, der Linde, den Zwetſchen und Obſtbäumen, durch deren

Verwüstung sie sich schon öfters furchtbar gemacht hat. Auch auf den Nadelhölzern findet man sie öfters, *sie frisst aber nicht die Nadeln derselben*, sondern die an ihren Stämmen befindlichen Flechten und Jungermannien. Auch an den vorgenannten Bäumen frisst sie lieber die Flechten und Laubmoose, als die Blätter. Zur Verwandlung spinnt sie sich in ein zwar weitläufiges aber sehr dünnes Gewebe von eirunder Gestalt, in dessen Mitte die Chrysalide durch zarte Fäden, oder durch dünne Häute befestigt, schwebt. Sie ist beynahe eyrund, von Farbe braunroth mit einigem Glanz, und äussert kaum einige Zeichen des Lebens. Die Eule entwickelt sich in drey, längstens vier Wochen. *Borkhäusen.*



Noctua quadra Fem. Fabr.

J. St. fec. 1

NOCTVA quadra, Femina.

Der Würfelvogel. Die Pflaumeneule. Der Vierpunkt etc. La Phalène jaune à quatre points. Geoffr. Das Weibchen.

Noctua quadra: laevis alis depressis luteis: anticis punctis duobus cyaneis. *Fabric. Syft. Entom. n. 19. p. 595. Spec. Inf. T. II. n. 29. p. 254. Mant. Inf. T. II. n. 40. p. 1. Entom. syft. T. V. n. 54. p. 24.*

Phalaena noctua quadra. Linn. Syft. Nat. n. 114. p. 840. ed. XIII. p. 2553.

Syst. Verz. der W. Schmett. n. 1. p. 68.

Geoffr. Inf. T. II. n. 89. p. 154.

Scopol. carn. n. 519. cum icone absque numero.

Pod. mus. graecenf. tab. 2. fig. 8.

Esper eur. Schmett. T. II. p. 94. tab. 92. fig. 2—6.

Roefel Insekt. Bel. I. Th. p. 110. tab. 17.

Borkhausen a. a. O.

Röfel bemerkt einen besondern Kunsttrieb an der Raupe dieser Eule. Wenn sie sich nehmlich von einem höhern Ort zu einem niedrigern herablassen will, so zieht sie die Ringe zusammen und schnellt sich plözlich auseinander, und weifs so geschickt einen Sprung zu wagen, dass sie immer auf die Füsse fällt.

