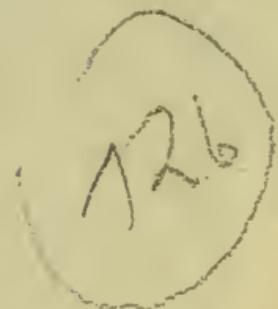




Heft 73-78 mit je 24 Kniffen

mit je 1 Textblatt

coll. eph. Wk 22/VIII. 50



von Künzli in





# Inhalt

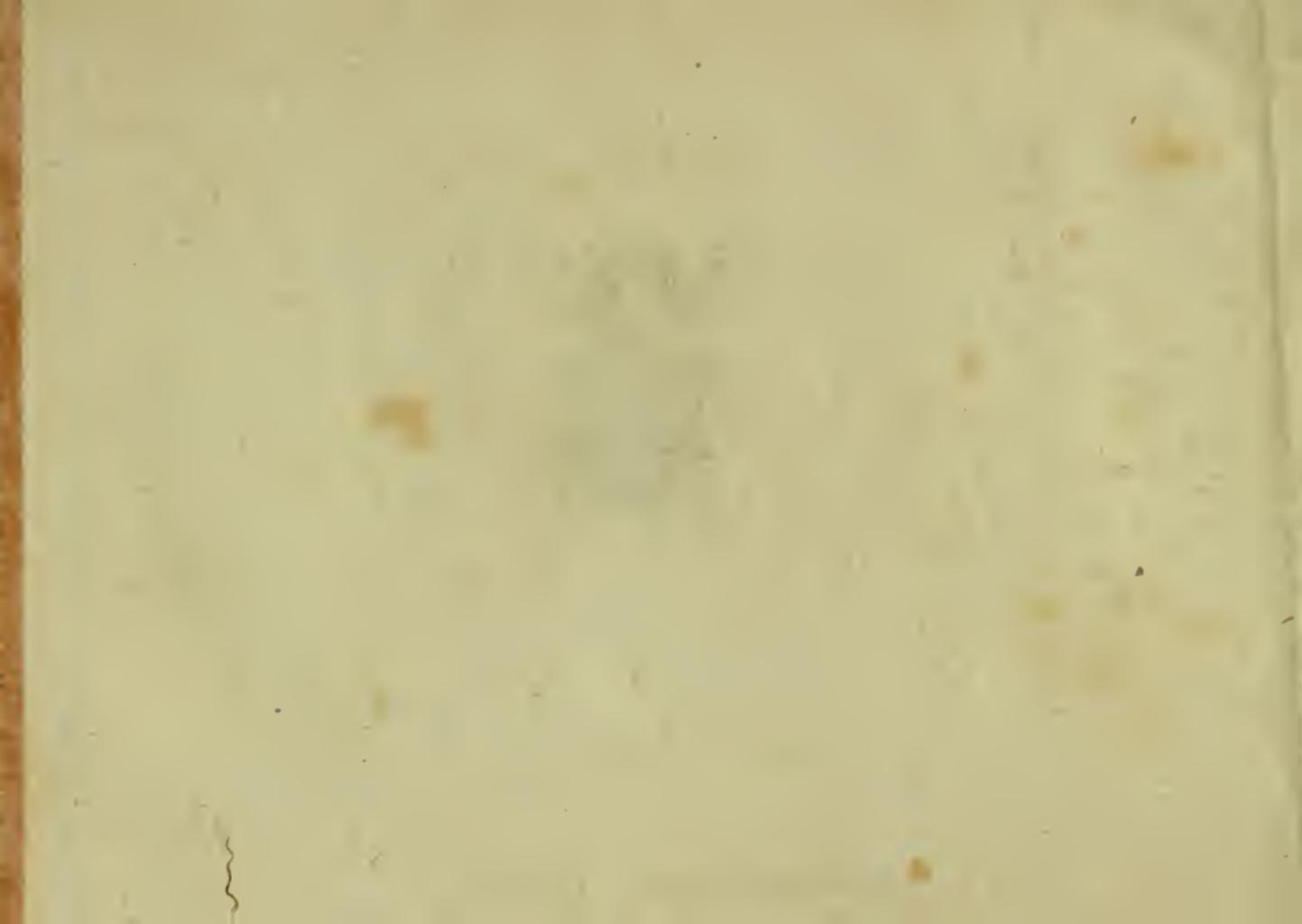
des drey und siebenzigsten Hefts.

- (V. 13) HF 73-78  
G 23
- 
- Tab. 1. *Scarabaeus triflisis* Zenker.
  - 2. *Carabus oblongopunctatus* Fabric.
  - 3. *Carabus chlorophanus* Zenker.
  - 4. *Carabus decorus* Zenker.
  - 5. *Carabus quadrinotatus* Zenker.
  - 6. *Carabus tempestivus* Zenker.
  - 7. *Carabus pavidus* Zenker.
  - 8. *Carabus tenebroides* Rossi.
  - 9. *Carabus assimilis* Paykull.
  - 10. *Helops sericeus* Zenker.
  - 11. *Ichneumon variegatorius* Panzer.
  - 12. *Ichneumon nigratorius* Panzer.
  - 13. *Ichneumon antennatorius* Panzer.
  - 14. *Ichneumon marginatorius* Fabric.
  - 15. *Ichneumon ornatorius* Panzer.
  - 16. *Ophion abbreviator* Panzer.
  - 17. *Banchus spinipes* Panzer.
  - 18. *Crabro lineatus* Fabric.
  - 19. *Mellinus repandus* Panzer.
  - 20. *Lygaeus elatus* Fabric.
  - 21. *Conops flavipes* Mas Fabric.
  - 22. *Conops flavipes* Fem. Fabric.
  - 23. *Musca coftata* Panzer.
  - 24. *Musca aristata* Panzer.





*Scarabaeus tristis* Zenker.



SCARABAEVS trifitis.

Der dunkelfarbige Dungkäfer.

*Scarabaeus trifitis*: 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 palescente. Elytra atra, thorace duplo longiora striata, intersticiis striarum punctis rarioribus minutissimis impressis. Antennae testaceae, capitulo cinerascente. Corpus cum pedibus atrum. Tarsi soli testacei. Z.

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

a Magnitudo naturalis. b Eadem aucta.

Drey und siebenzigstes Heft.

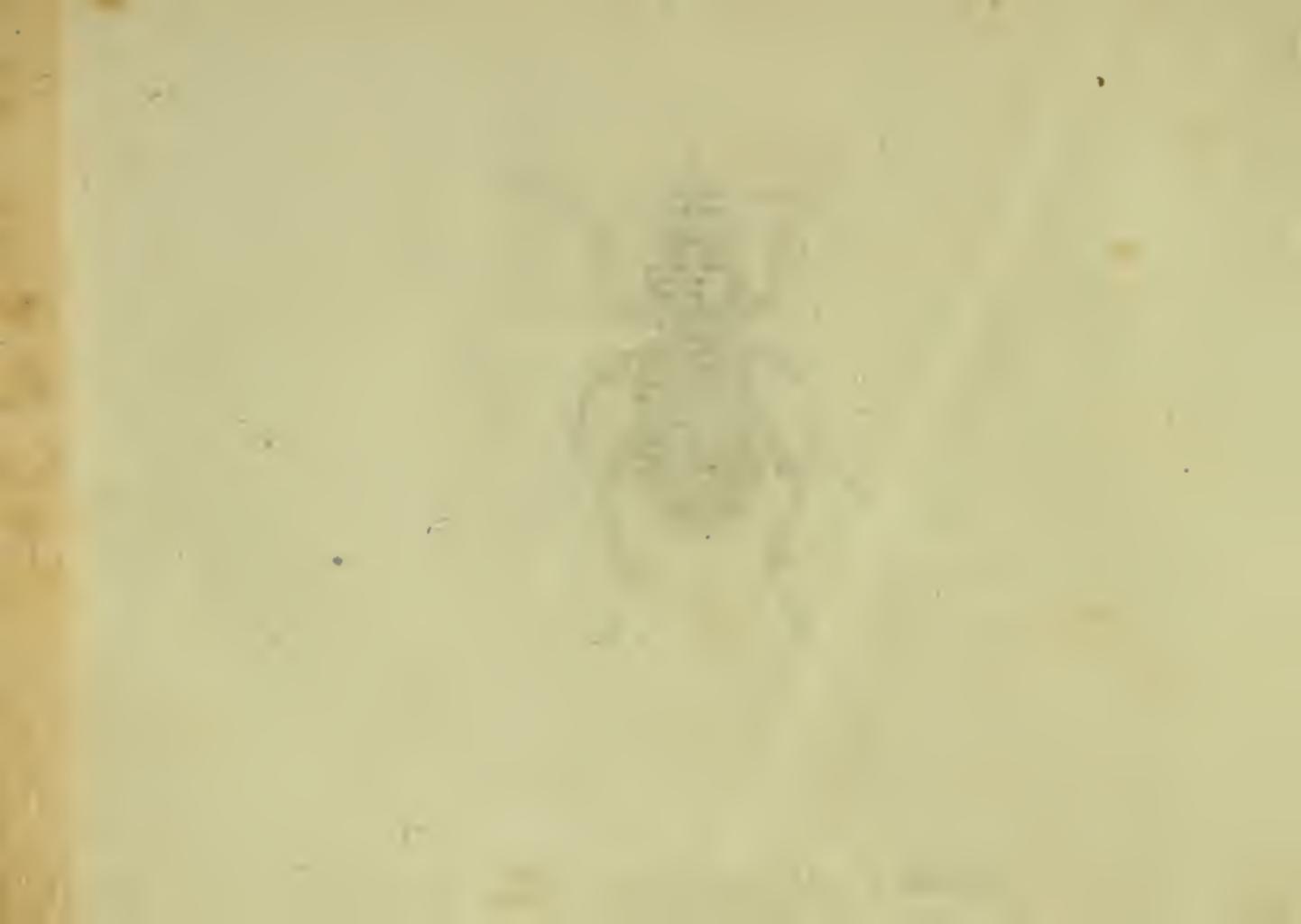
I





*Carabus oblongopunctatus* Fabr.

J.S. f.



CARABVS oblongopunctatus.

Der länglichpunktirte 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. Preus. 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.

Chlorophyll a absorption

and Chl a fluorescence (F<sub>0</sub> and F<sub>0'</sub>)

in relation to the time course of photosynthesis  
and the effect of light on the rate of photosynthesis.

2. The effect of light on the rate of photosynthesis

in the presence of inhibitors

and the effect of inhibitors on photosynthesis.

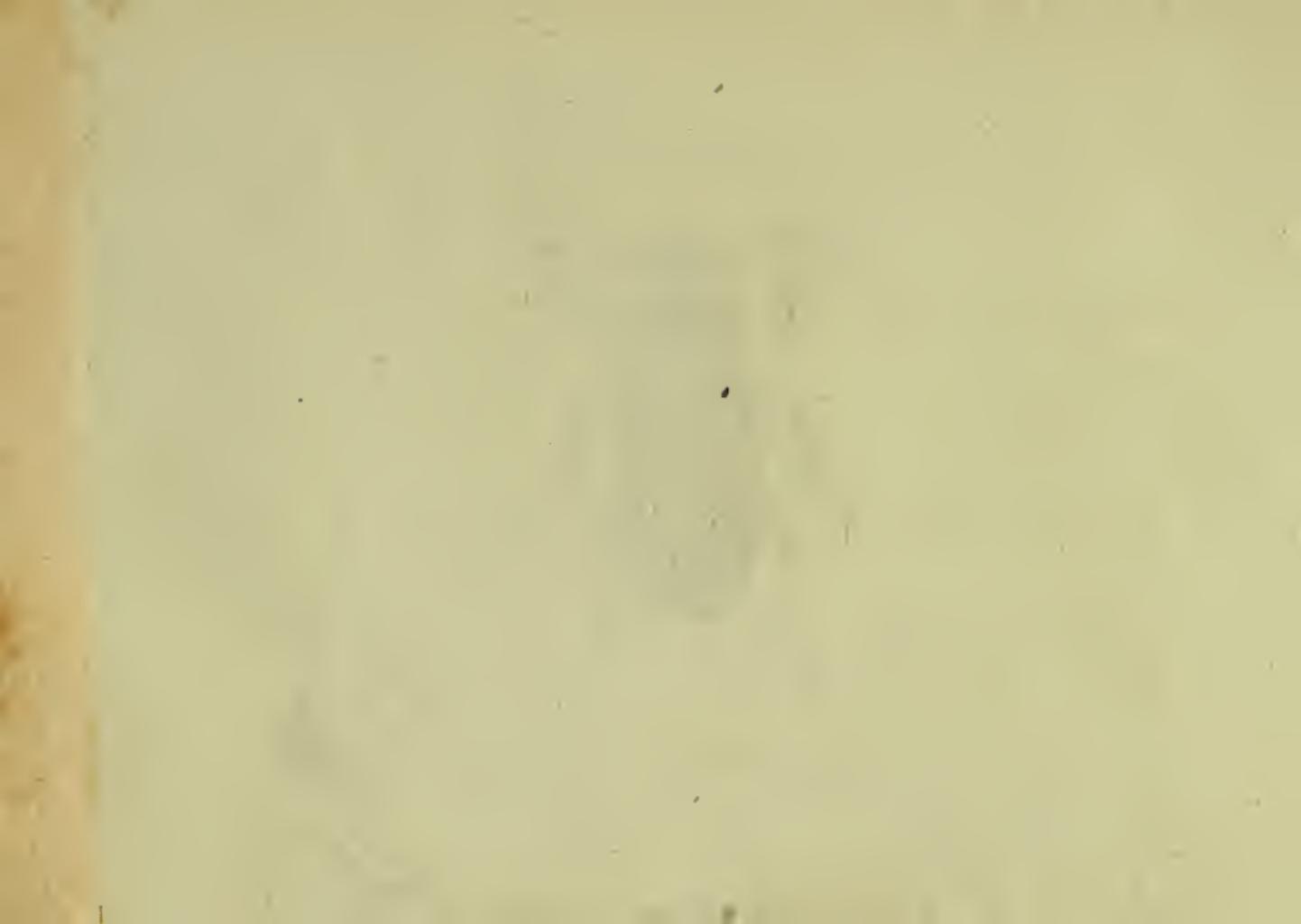
3. The effect of light on the rate of photosynthesis

in the presence of inhibitors.



*Carabus chlorophanus* Zenker.

J. S. Jr.



# C A R A B V S chlorophanus.

*Der grün glänzende Laufkäfer.*

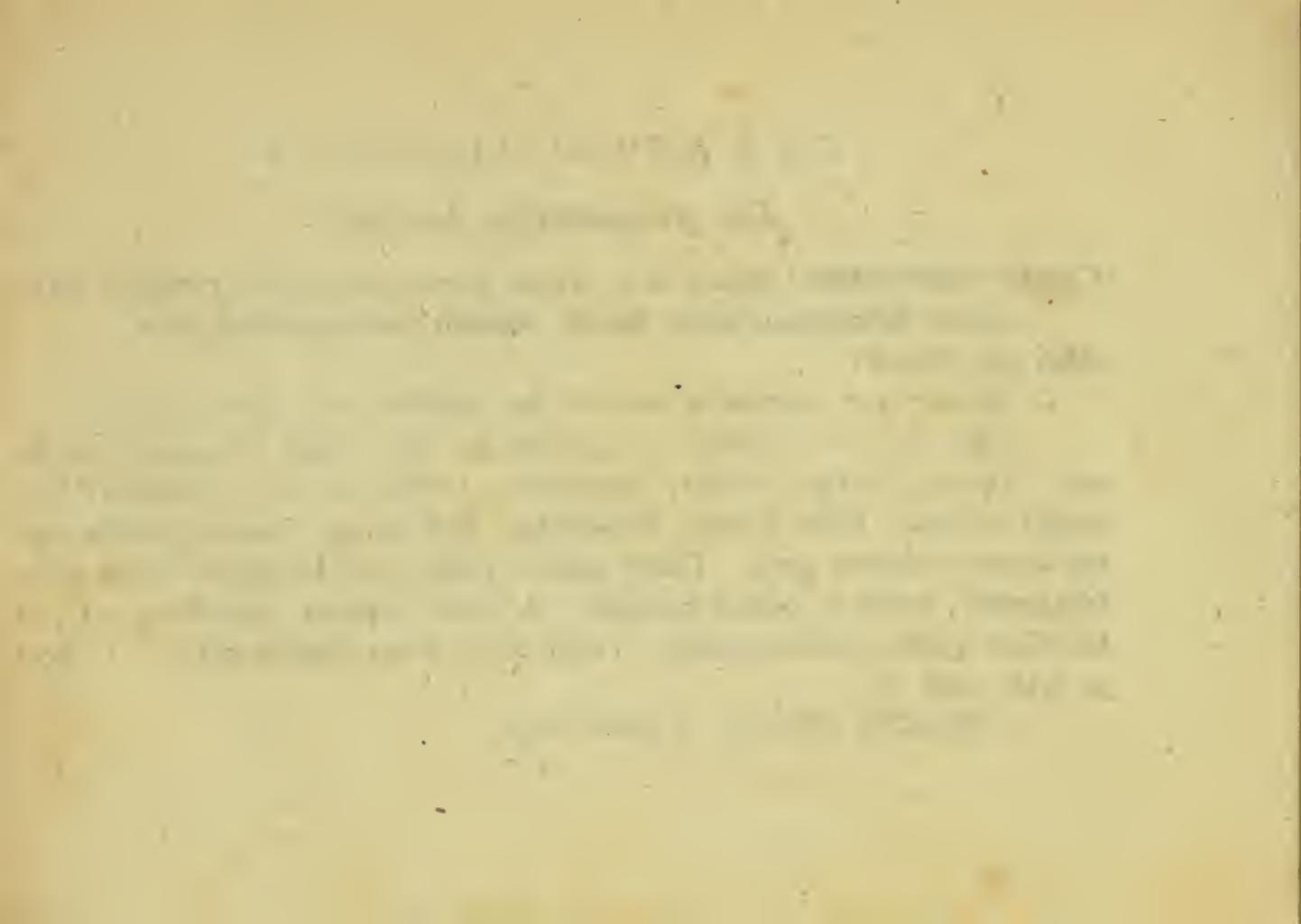
*Carabus chlorophanus*: apterus ater, capite thoraceque violaceis punctatis, elytris cyaneis subpunctatis leviter striatis, antennis pedibusque ferrugineis.

*Mus. Dn. Zenker.*

Habitat rarus Dresdae in montosis sub lapidibus solis radiis expositis.

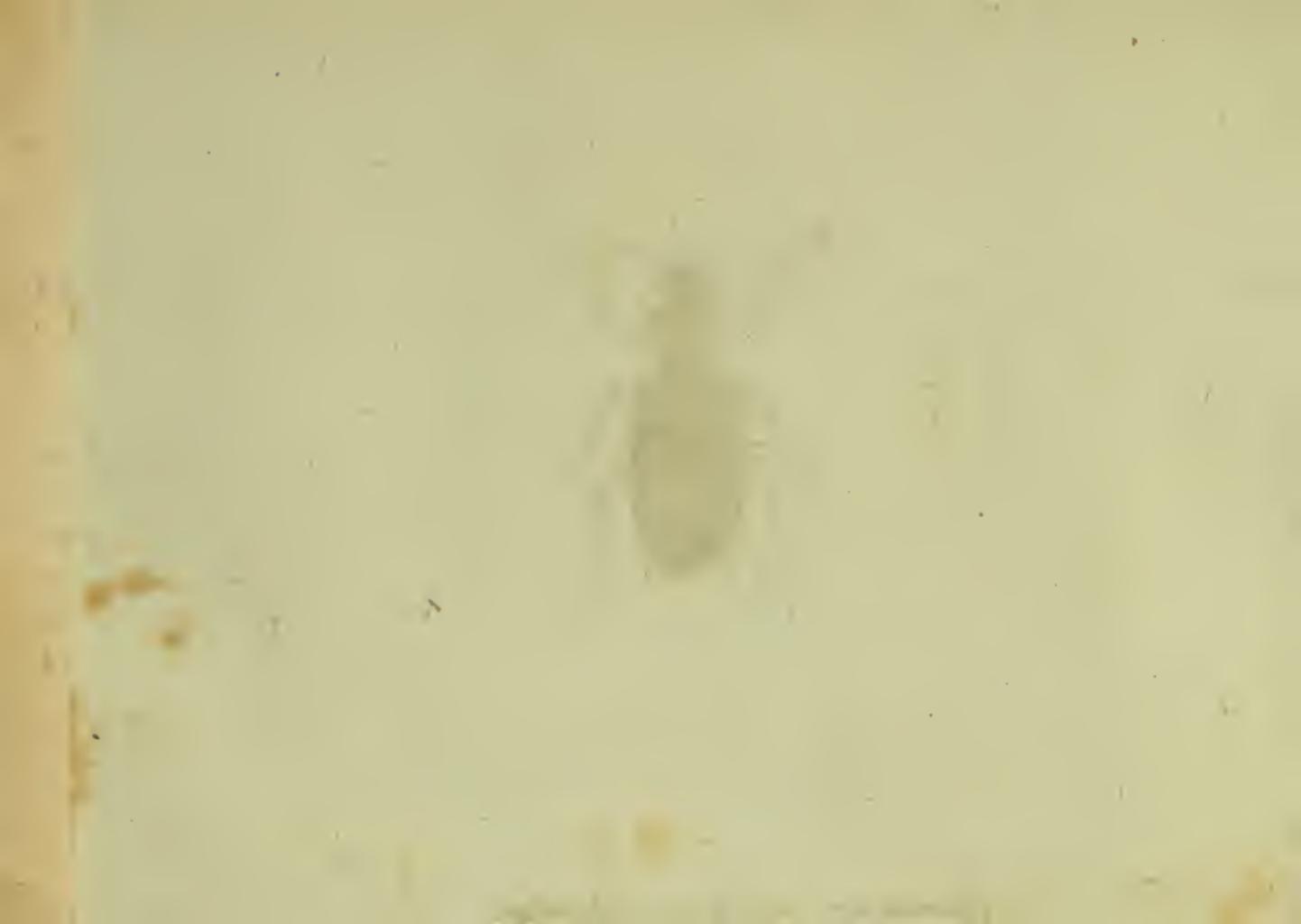
Caput violaceum nitens, raro punctatum, labio pulpis antennisque ferrugineis. Thorax violaceus, nitidus, subcordatus, postice truncatus, punctatus, linea dorsali obsoleta. Elytra cyanea, subpunctata, striis novem, quarum extrema puncta aliquot maiuscula gerit. Corpus atrum. Pedes validi ferruginei, tibiis anticis subpalmatis, mediis et posticis spinulosis. A latere adspectus, superficies tota pilis brevissimis griseis obtecta appareat. 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, iuxta 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 deprepta, striis quinque punctatis, ad apicem usque non decurrentibus, sed sensim decrementibus, ita ut suturae 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.





*Carabus quadrinotatus* 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, abdome breviora leviter substriata maculis duabus albicantibus magnis quadratis, quarum altera ad basin in medio singuli elytri, altera in apice futuram attingens. Pedes pallidi. Z.

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

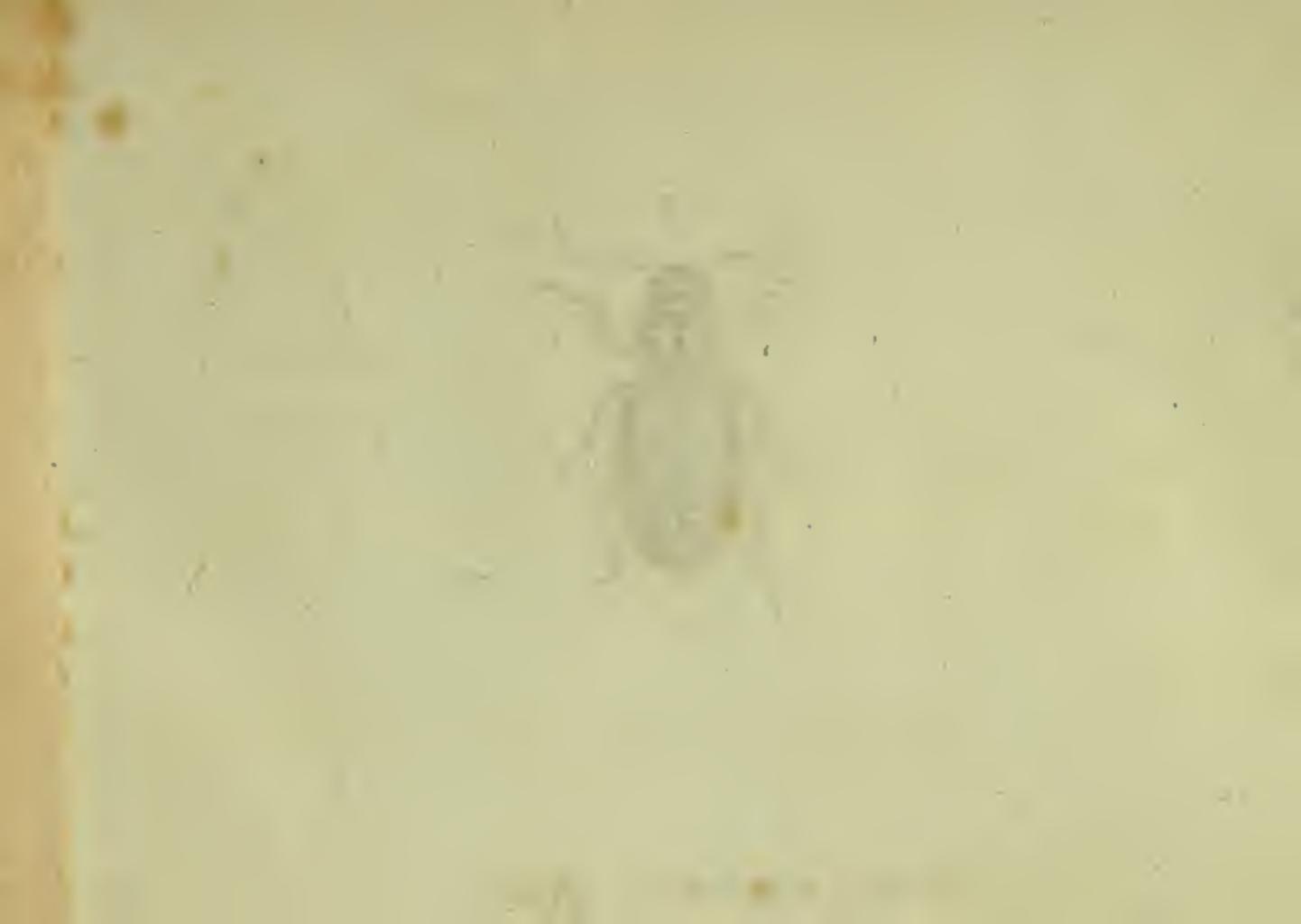
A *Carab. quagriguttat.* Paykul Mon. Carab. n. 55. p. 90. et eiusd. Faun. Suec. I. n. 59. p. 143, omnino diversissimus, cum magnitudine, tum forma, circumscriptione et colore thoracis, sic et pedibus. P.

a Magnitudo naturalis. b Eadem aucta.

the same time, the  
whole country  
was covered by  
a dense forest,  
which was  
broken up by  
numerous streams  
and rivulets.  
The soil was  
rich and  
fertile, and  
the climate  
was temperate,  
but the  
country was  
subjected  
to frequent  
floods,  
which  
destroyed  
the  
crops  
and  
caused  
great  
loss.  
The  
people  
were  
poor  
and  
uneducated,  
but  
they  
were  
kind  
and  
friendly,  
and  
lived  
in  
harmony  
with  
each  
other.



*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 elytrisque 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.





*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.

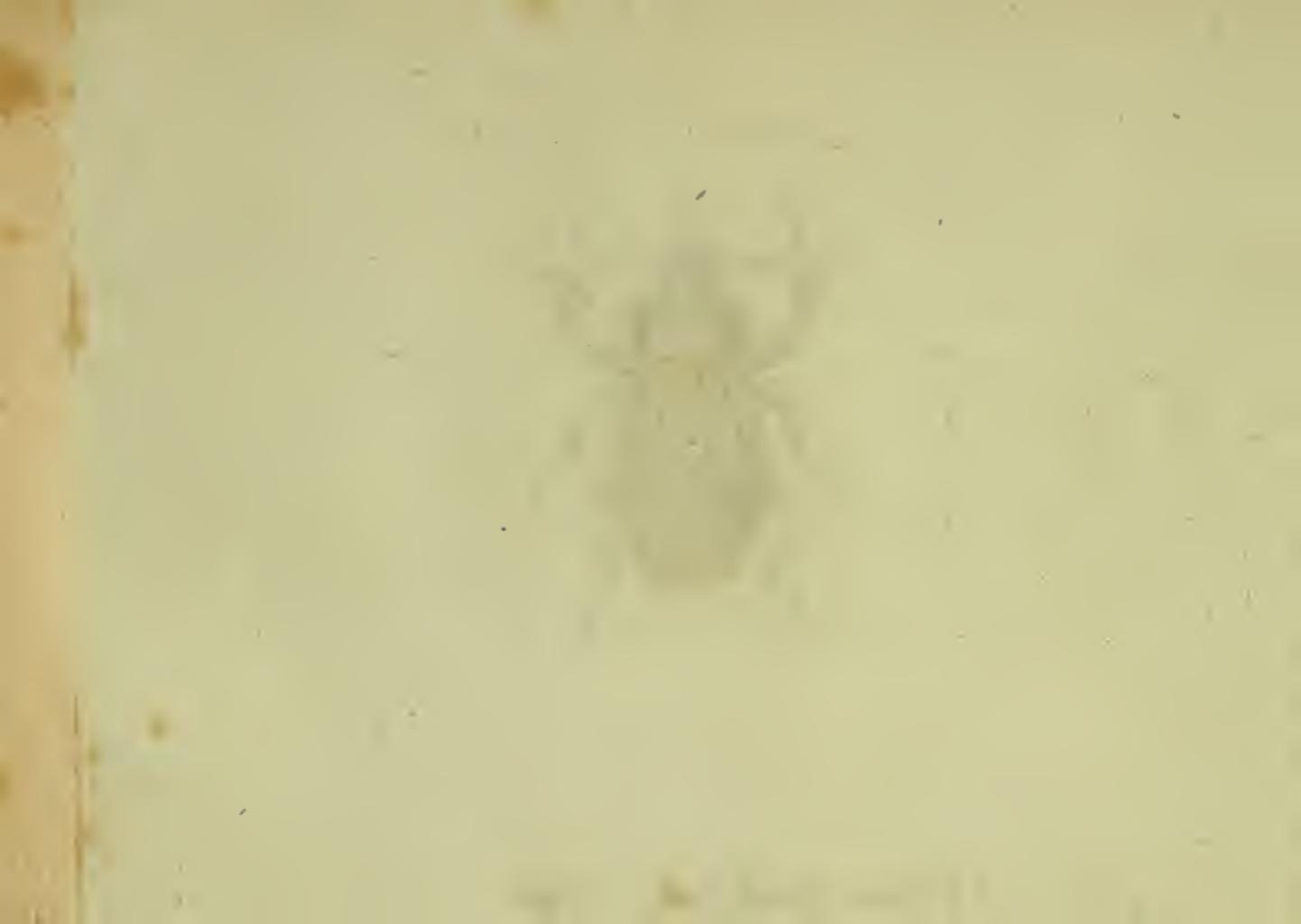
Maior inter minores. Caput atrum, oculis cinereis, palpis antennisque pallidis. Thorax nitens, cordatus, convexus, marginatus, elytris angustior, linea dorsali nudo oculo vix conspicua, basi subtiliter punctatus, angulis subreflexis. Elytra atra convexa, leviter striata, stria extrema tantum punctata.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

a Magnitudo naturalis. b Eadem aucta.

the following day. I am now in the middle of the first week of my  
vacation. I have been working on my thesis and reading up on  
the literature. I have also been working on my research project  
and have made some progress. I am looking forward to the rest  
of my vacation and hope to have a great time.



*Carabus tenebrioides* Roffi:



CARABVS tenebrioides.

Der Mehlkäferartige Laufkäfer. Le Bupreste paresseux. Geoffr.

*Carabus tenebroides*: ater thorace lato elytrorum striis punctatis. Rossi Fauna  
Etrusc. Mant. n. 188. p. 82.

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

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

Devill. Ent. I. 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.

the first time, and probably  
will never do so again, I would consider such an  
attempt to be a very dangerous one, because it would  
be a serious mistake to let the public know  
that we have been unable to get rid of the  
old man, and that we have not been  
able to find a new one.



*Carabus affinis* Paykull.

J. St fec.

Amherst

CARABVS assimilis.

Der schmalleibichte Laufkäfer.

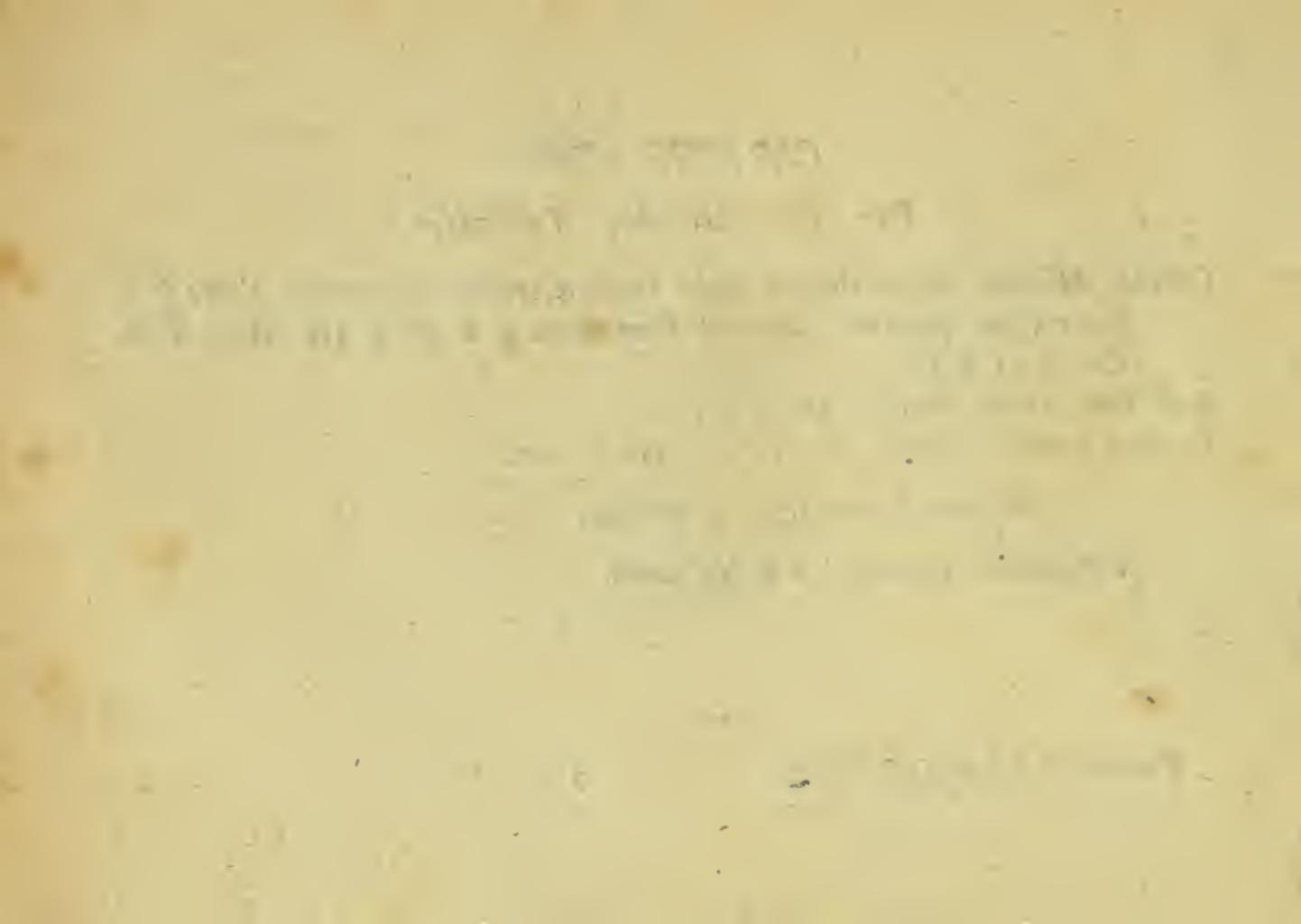
*Carabus assimilis*: niger, thorace capite longiore, postice impunctato, elytris stria-  
tis, margine punctato. Paykull. Faun. Suec. I. n. 30. p. 119. eiusd. Mon.  
Car. n. 32. p. 53.

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

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

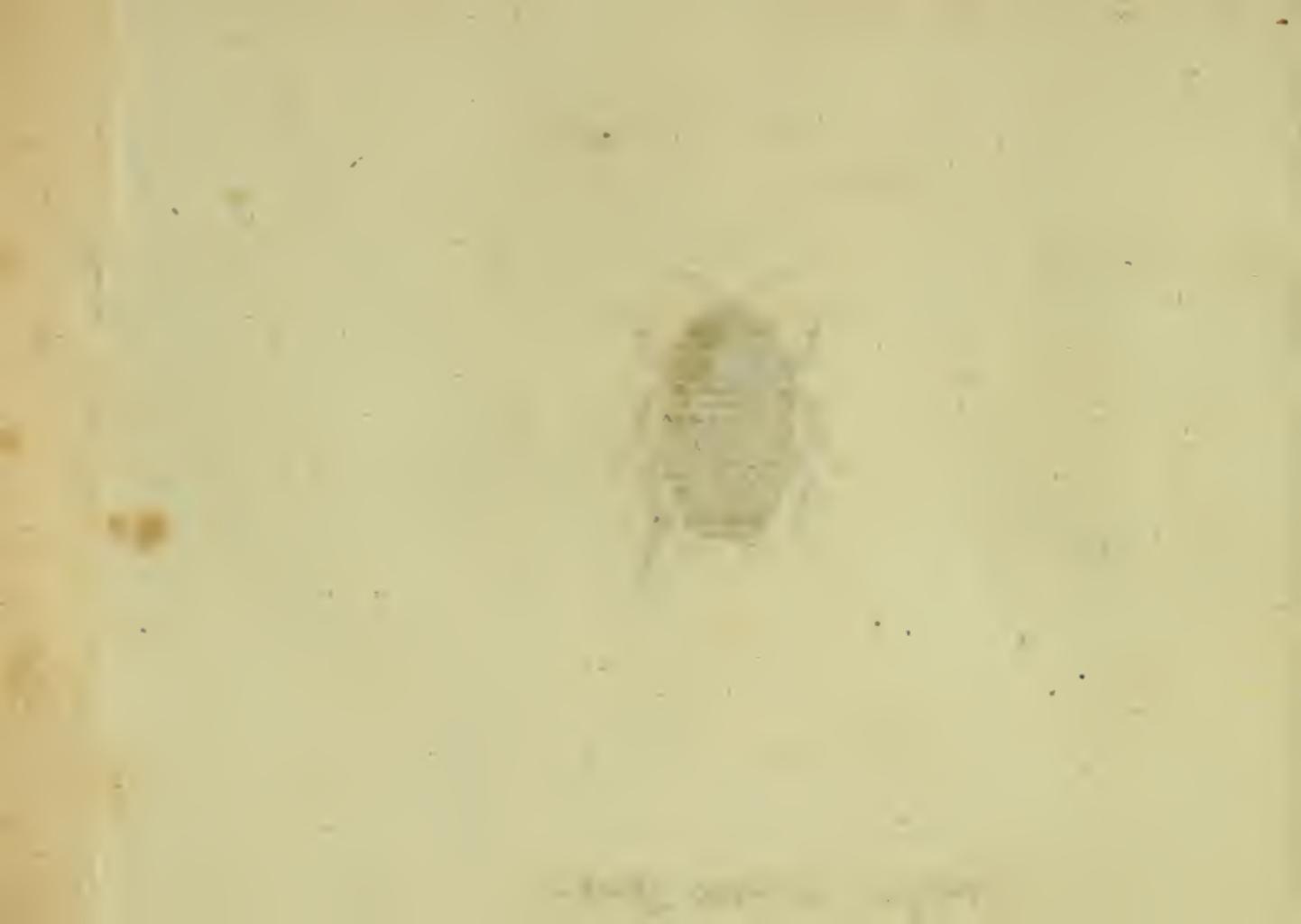
Habitat Norimbergae et Dresdae.

a Magnitudo naturalis. b Eadem aucta.





*Helops sericeus* 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 tristi* et *fusco* interim ad hoc genus relatum. Caput exsertum, semirotundatum, 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 suturam comitante. Pedes fusti, tibiis apice bispinosi. Totum animal sericie micat. Dignoscitur mas a femina tarsis anticis dilatatis, et tibiis posticis interiore latere parum sinnatis. Z.

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

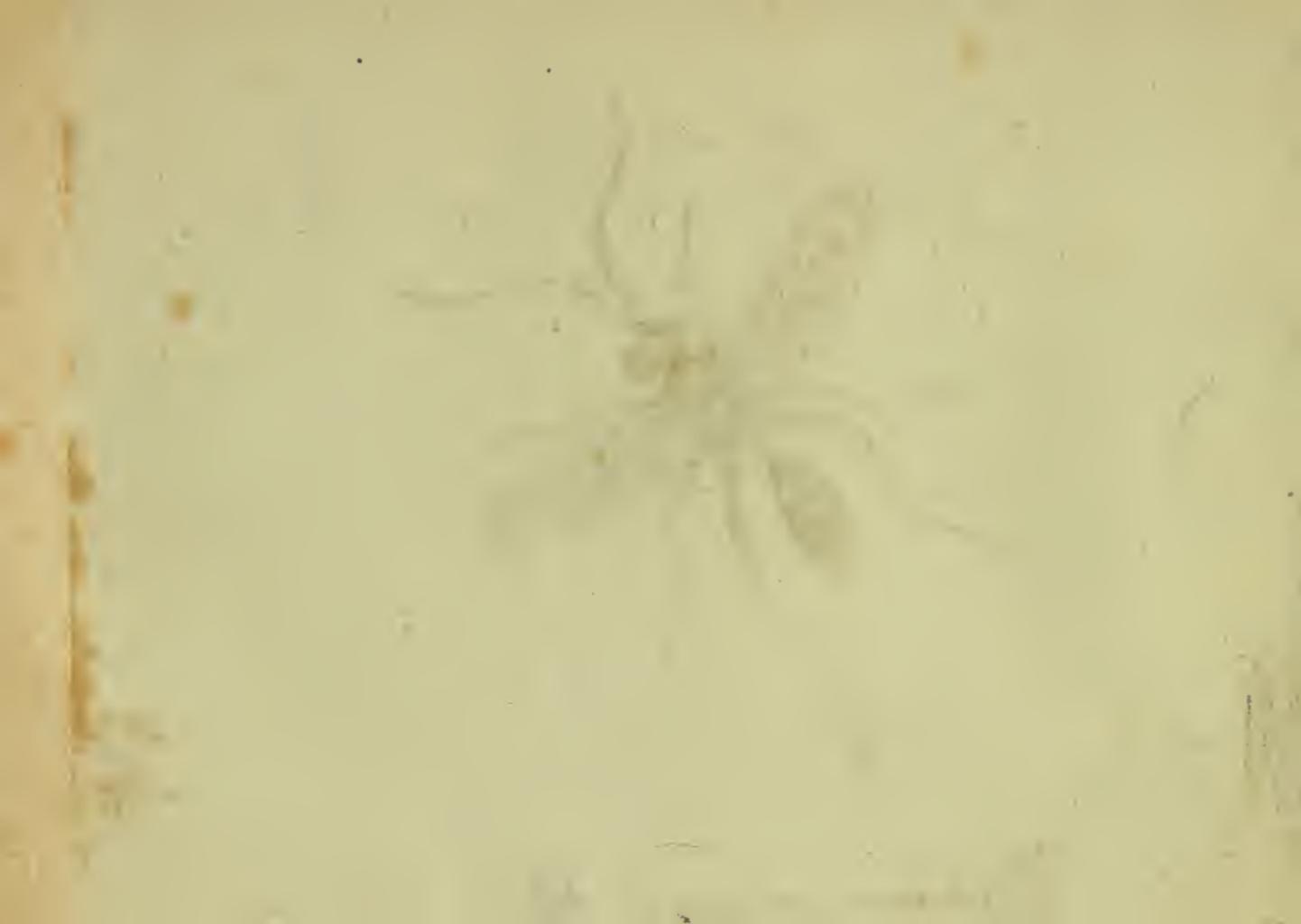
a Magnitudo naturalis. b Eadem aucta.





*Ichneumon variegatorius* Mihi.

3. fig.



ICHNEVMON variegatorius.

*Die buntfarbige Schlupfwespe.*

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

Habitat in floribus, Norimbergae. Benevole mecum communicavit Dr. Staph 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 posse 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 atrium nitidum, petiolo s. segmento primo apice punctis duobus contiguis dorsibus, 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.





*Ichneumon migratorius* Nihi.

st jcs



ICHNEVMON ingratorius.

Die schwarzeibichte Schlupfwespe.

*Icbneumon migratorius*: scutello flavicante, thorace maculato, corpore pedibusque nigris, anticis fuscis.

Habitat in sylvaticis. Legit Dn. Fleiss.

Antennae atrae fascia flava. Palpi elongati pallidi. Mandibulae fuscae. Caput atrum orbita flava. Nucha lineola flava. Thorax ater lineola utrinque ante, 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.

Geological Survey

Geological Survey

Geological Survey of Canada, Ottawa, Ontario, K1A 0E6, Canada

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Geological Survey of Canada, Ottawa, Ontario, K1A 0E6, Canada

Geological Survey of Canada, Ottawa, Ontario, K1A 0E6, Canada

Geological Survey of Canada, Ottawa, Ontario, K1A 0E6, Canada



*Ichneumon antenatorius* Mihó.



ICHNEVMON antennatorius.

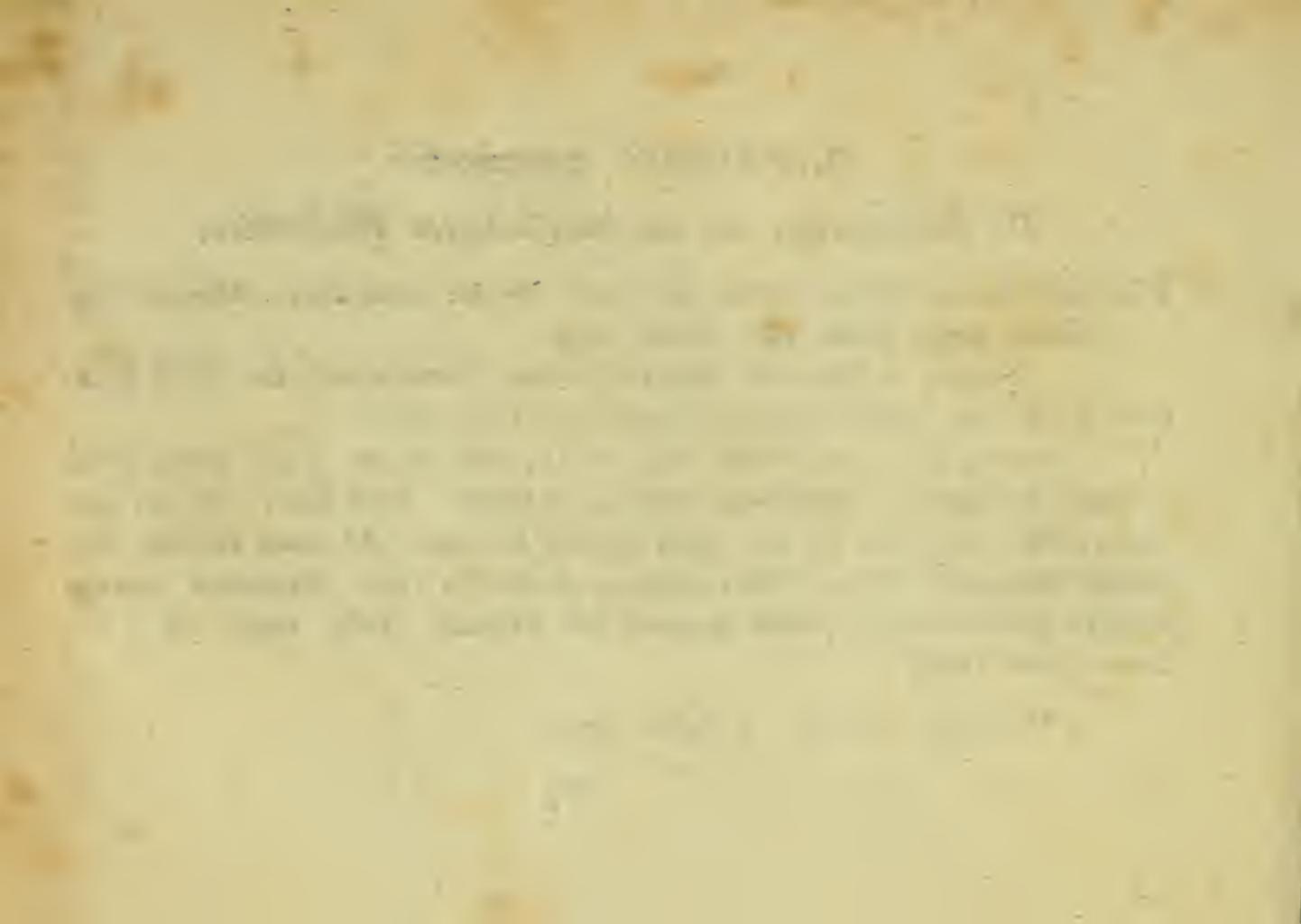
Die Schlupfwespe mit den buntfärfigten Fühlhörnern.

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

Habitat in sylvaticis. Benevole mecum communicavit *Dn. Wolf Medicinae Candidatus, Suifurtensis, insectorum observator assiduus.*

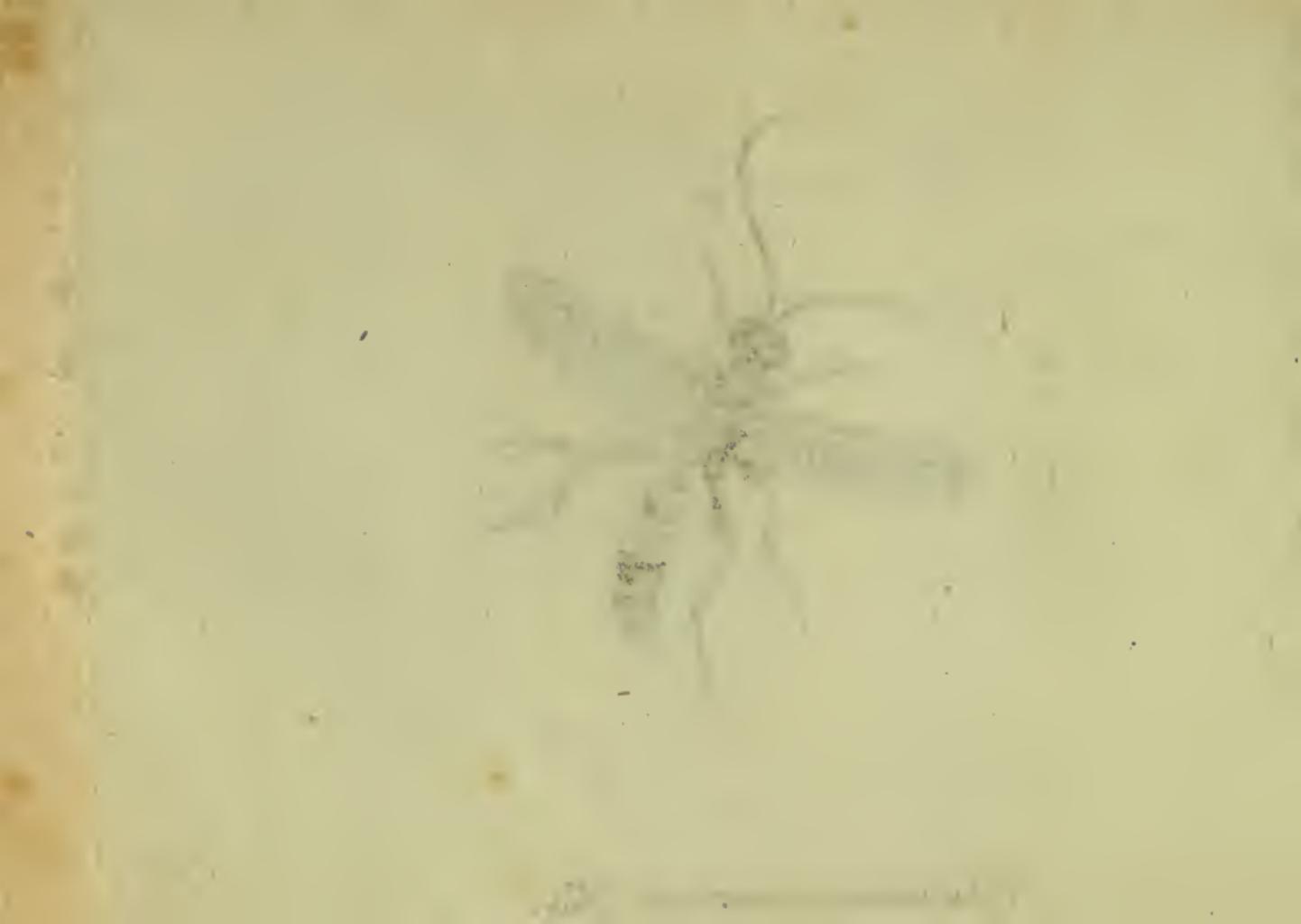
Antennae basi rufae, medio fascia flava, apice nigrae. Caput atrum orbita oculorum ferruginea. Mandibulae rufae apice nigrae. Palpi flavi. Thorax ater immaculatus. Scutellum flavum. Alae obscuro flaveolae. Abdomen nitidum, segmentis tribus primis rufis, ultimis nigris apice demum rufis: segmentum quartum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

a Magnitudo naturalis. b Eadem aucta.





*Ichneumon marginatorius* Fabr.



ICHNEVMON marginatorius.

Die gerändert gebänderte Schlupfvespe.

*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.

1. *Swallowtail Buttercup*

2. *Yellow-flowered Buttercup*

3. *Common Buttercup* (with white variegated variety)  
4. *Red-flowered Buttercup* (variegated)

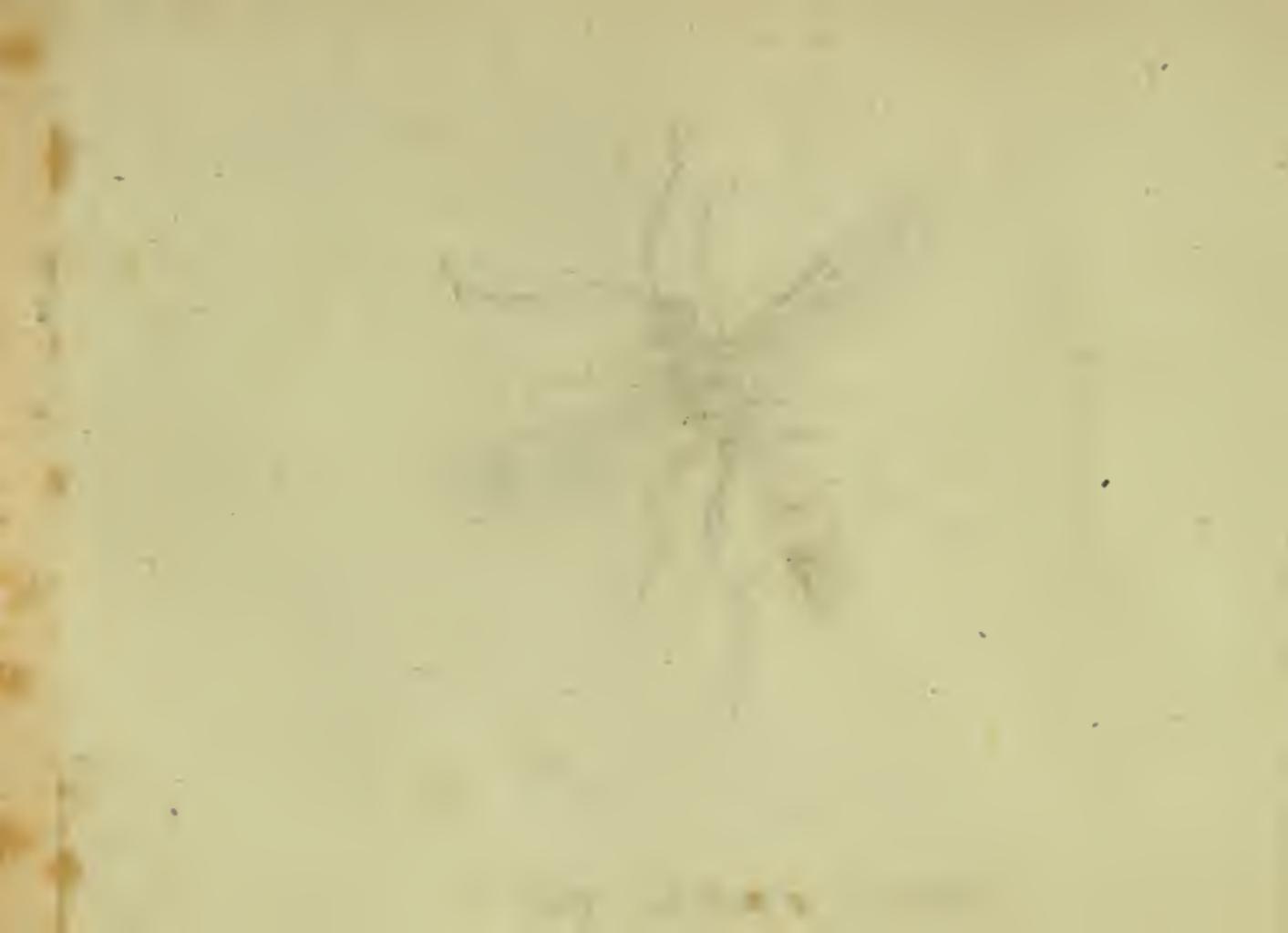
5. 6.

7. *Common Buttercup*

8. *Common Buttercup*



*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.

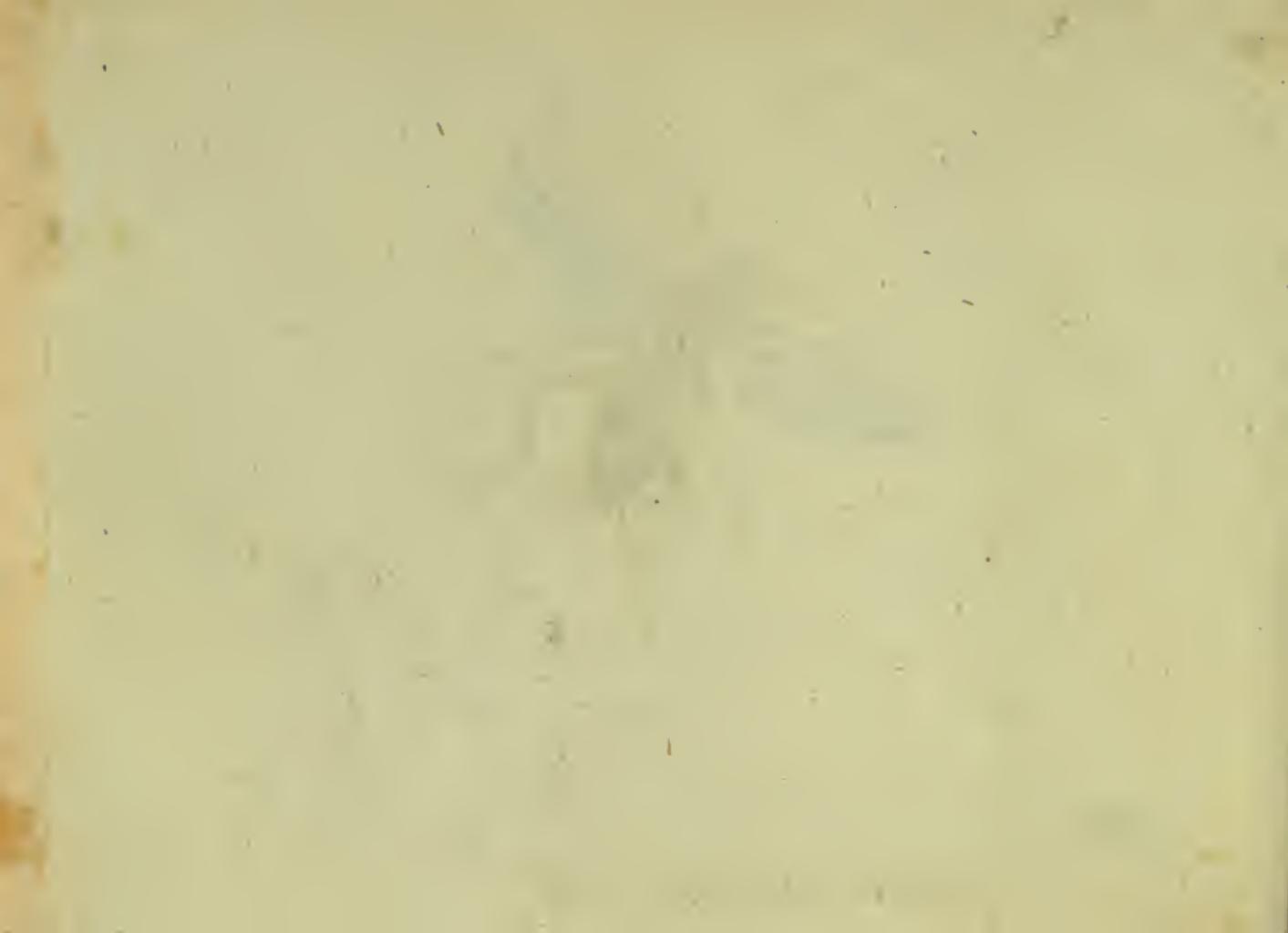
Caput atrum immaculatum. Mandibulae fuscentes. Antennae nigrae. Thorax ater, antice lineola parva, alia sub alis scutelloque flavis. Abdomen nigrum, segmento secundo tertioque rufis, reliquis nigris lineolis parvis marginalibus flavis. Pedes flavi, femoribus nigris, anticis flavis, basi nigris: tibiis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

a Magnitudo naturalis. b Eadem aucta.

the first time I have seen it. It is a very  
handsome tree, and I hope to get some seeds  
from it. I have seen a few other trees  
of the same species, but they were not  
so large or so well developed. The leaves  
are very large and broad, and the flowers  
are very showy. The bark is smooth and  
light brown, and the trunk is very straight.  
The tree is growing in a clearing in the  
forest, and there are many other trees  
around it. The leaves are very large and  
broad, and the flowers are very showy.  
The bark is smooth and light brown, and  
the trunk is very straight. The tree is  
growing in a clearing in the forest, and  
there are many other trees around it.



Ophion abbreviator Mihi.



OPHION abbreviator.

Die kurzleibiche Schlangenwespe.

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

Legi in umbelliferis pratensis 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.

the first time in the history of the world, the  
whole of the population of the globe - 2300  
millions - were gathered together in one  
place, and that place was the city of  
London. The English language, which  
had been used by the people of England  
as their mother tongue for centuries, had  
now become the language of the world, and  
was spoken by millions of people in every  
part of the globe. The English language  
had become the language of commerce, and  
was used in every part of the world, and  
was the language of the world.

London, 1850



Banchus spinipes Mihi.

J. St. fec.



BANCHVS spinipes.

Der Stachelfüchste Raupertödter.

*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.) aet 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.

John Smith

and his wife Mary

affectionately addressed to their son John Smith, who

is now a member of the Society.

John Smith

affectionately addressed to his son John Smith

and his wife Mary Smith, who are now members of the

Society, and are now members of the Society.

John Smith and his wife Mary Smith, who are now mem-

bers of the Society, and are now members of the Society.

John Smith and his wife Mary Smith, who are now mem-

bers of the Society, and are now members of the Society.

John Smith and his wife Mary Smith, who are now mem-

bers of the Society, and are now members of the Society.

John Smith and his wife Mary Smith, who are now mem-

a



*Crabro linearatus* Fabr.

J. C. G.



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. Ins. 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.

Digitized by srujanika@gmail.com



*Mellinus rapaxus* Mihi.

St. 6



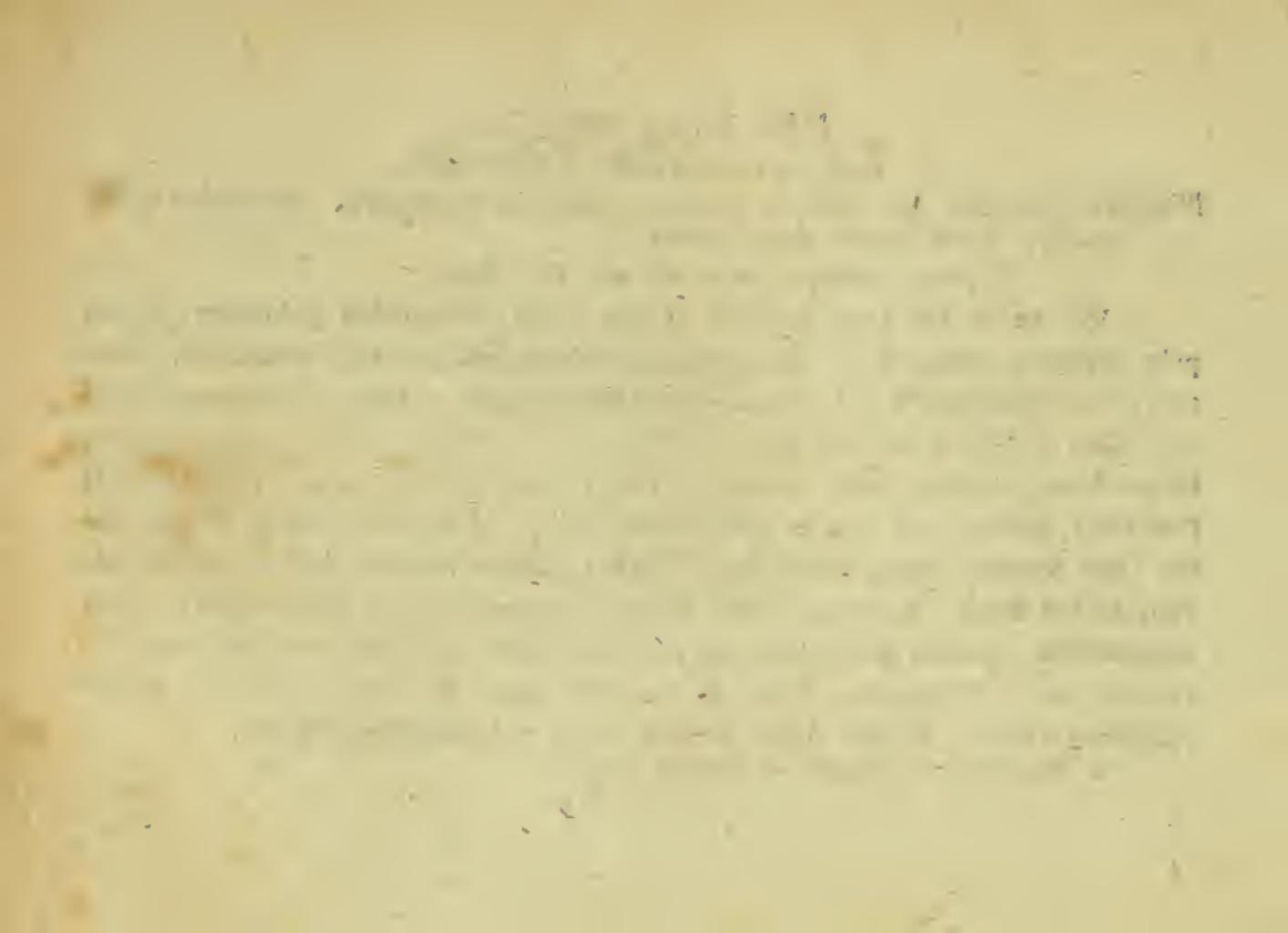
MELLINVS repandus.  
Die geschweifte Lebmwespe.

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

Habitat Erlangae: legit ibidem *Dn. Wolf.*

Vix ae ne vix huins 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.

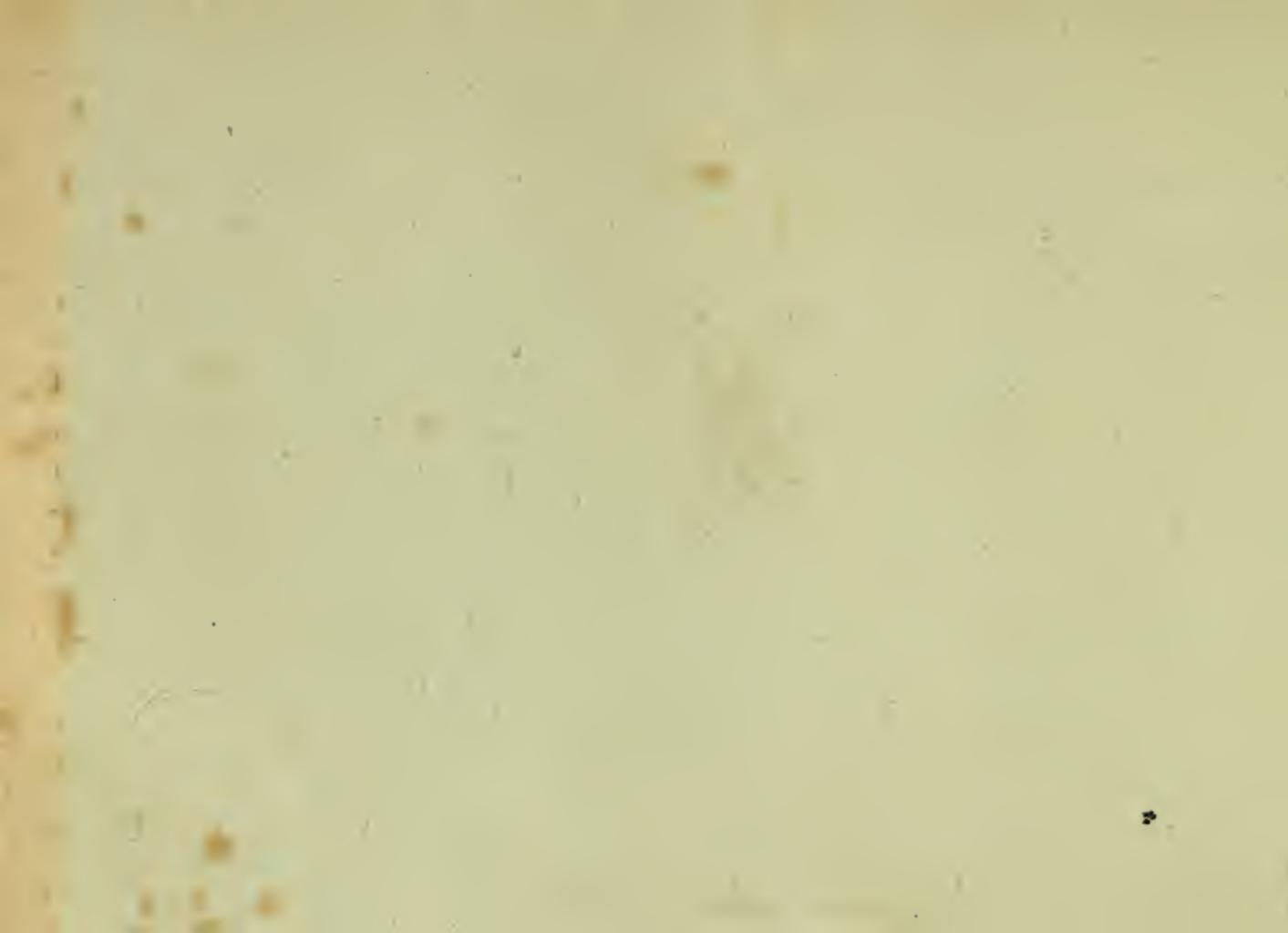
a Magnitudo naturalis, b Eadem aucta.





*Lygaeus elatus* Fabr.

J. St. fec.



LYGAEVS elatus.

Die grosse 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.*

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*Conops flavipes* Mas Tabr.

J. St. Ic.



CONOPS flavipes. Mas.

*Die gelbfüßliche 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. Ins. T. II. n. 5. p. 467. Mant. Ins. 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.

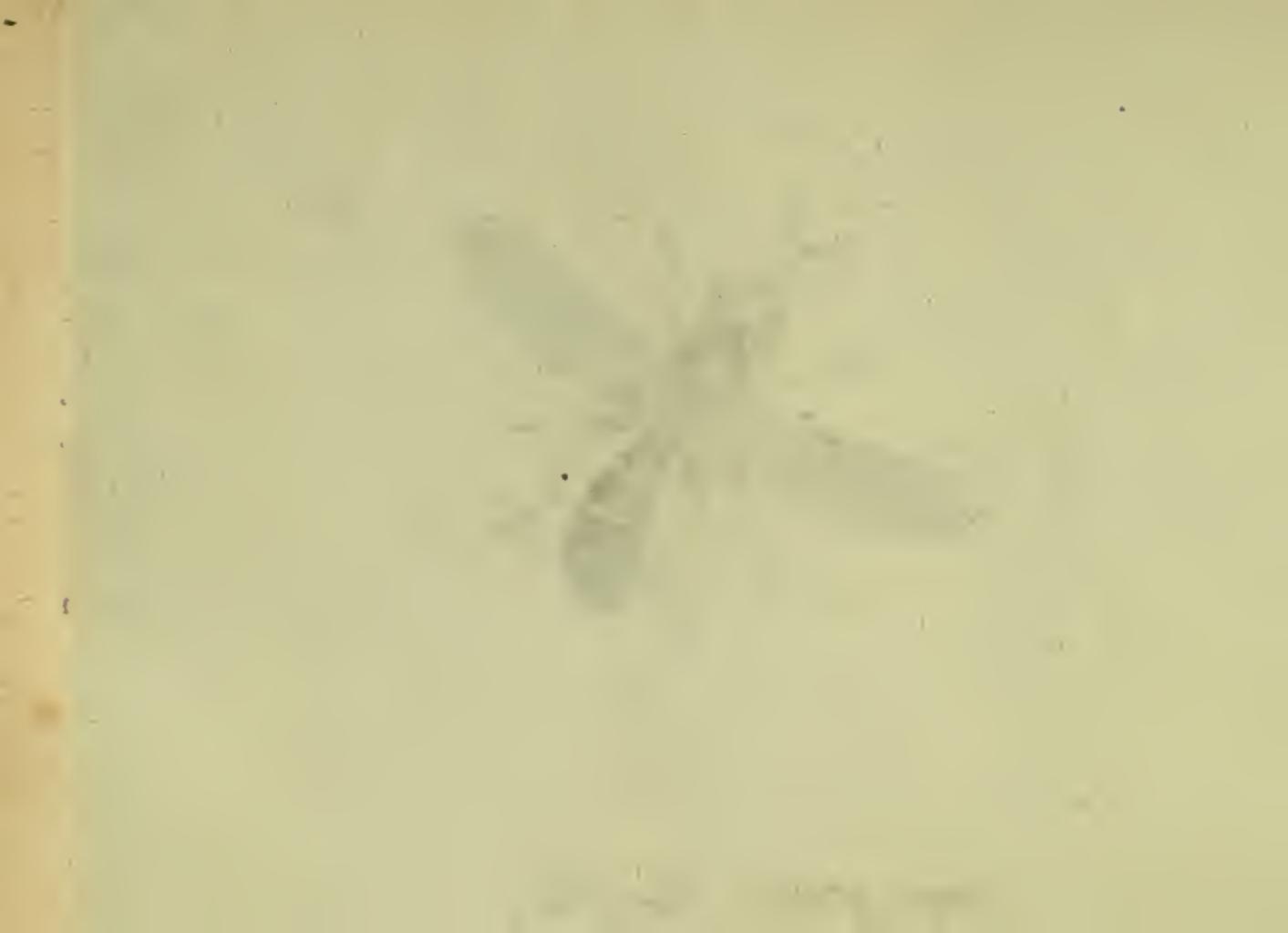
Descript. b. a *Linné* in Faun. Suec. l. c. a meis speciminibus haud parum recedere videtur.

a Magnitudo naturalis. b Eadem aucta.

and when the process of aging begins, the body becomes  
less able to repair itself. This is why we grow old and die.  
The body's ability to repair itself is limited by the number  
of stem cells it contains. As we age, the number of stem cells  
decreases, which makes it more difficult for the body to repair  
itself. This is why we grow old and die.



Conops flavipes Fem. Fabr.



CONOPS flavipes. Femina.

*Die gelbfüchste Stechfliege. Das Weibchen.*

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

Lecta cum mare ibidem.

a Magnitudo naturalis, b Eadem aucta.

1. *Scutellaria* *lanceolata*

2. *Scutellaria* *lanceolata* *variegata*

3. *Scutellaria* *lanceolata* *variegata*

4. *Scutellaria* *lanceolata* *variegata*

5. *Scutellaria* *lanceolata* *variegata*



*Musca costata* Mihi.

F. S. 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.

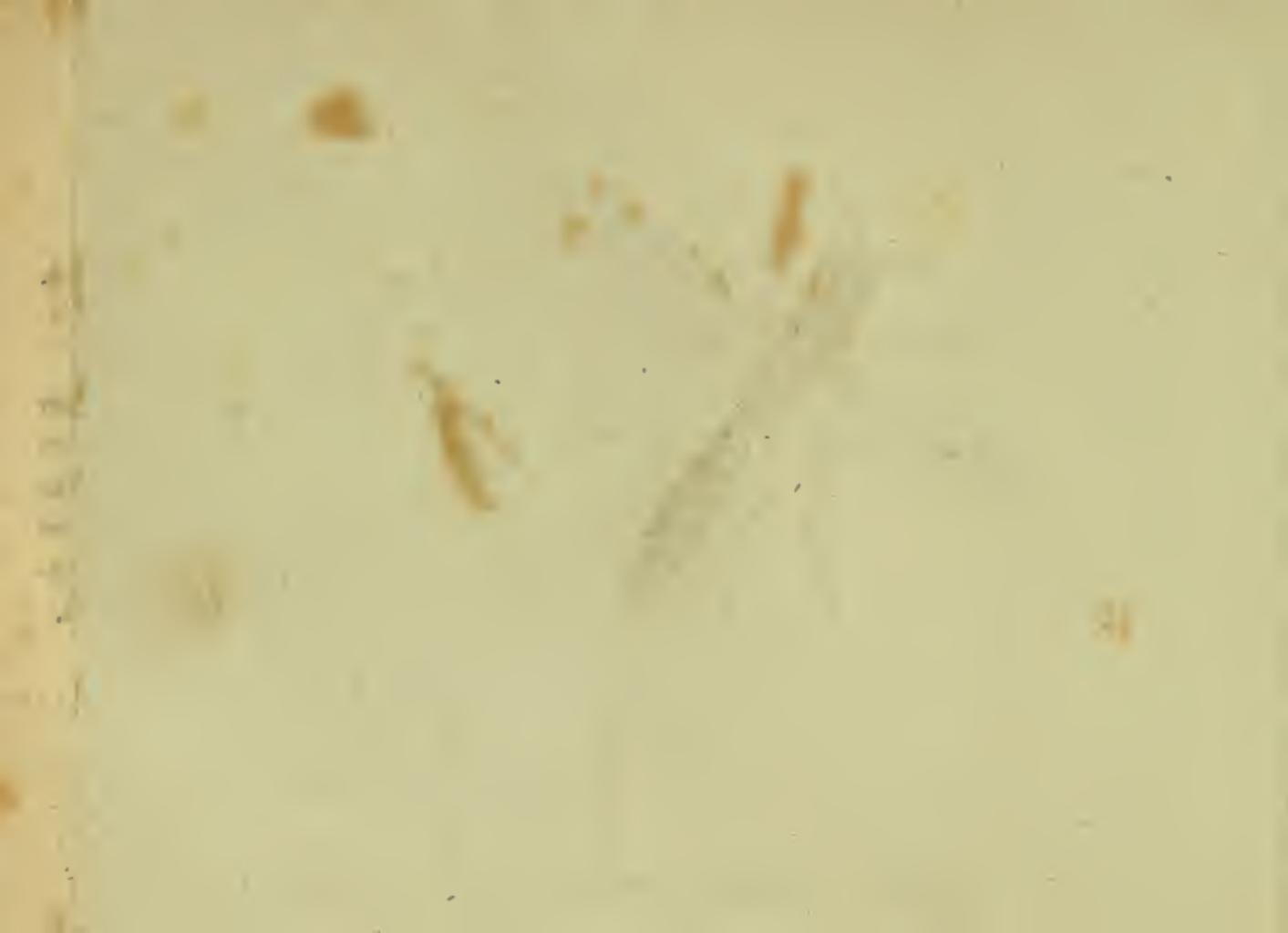
a Magnitudo naturalis. b Eadem aucta.





*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.

Lègi in editioribus saxofis 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, matgine segmentorum lucido. Pedes elongati flavi.

a Magnitudo naturalis. b Eadem aucta.







des vier und siebenzigsten Hefts.

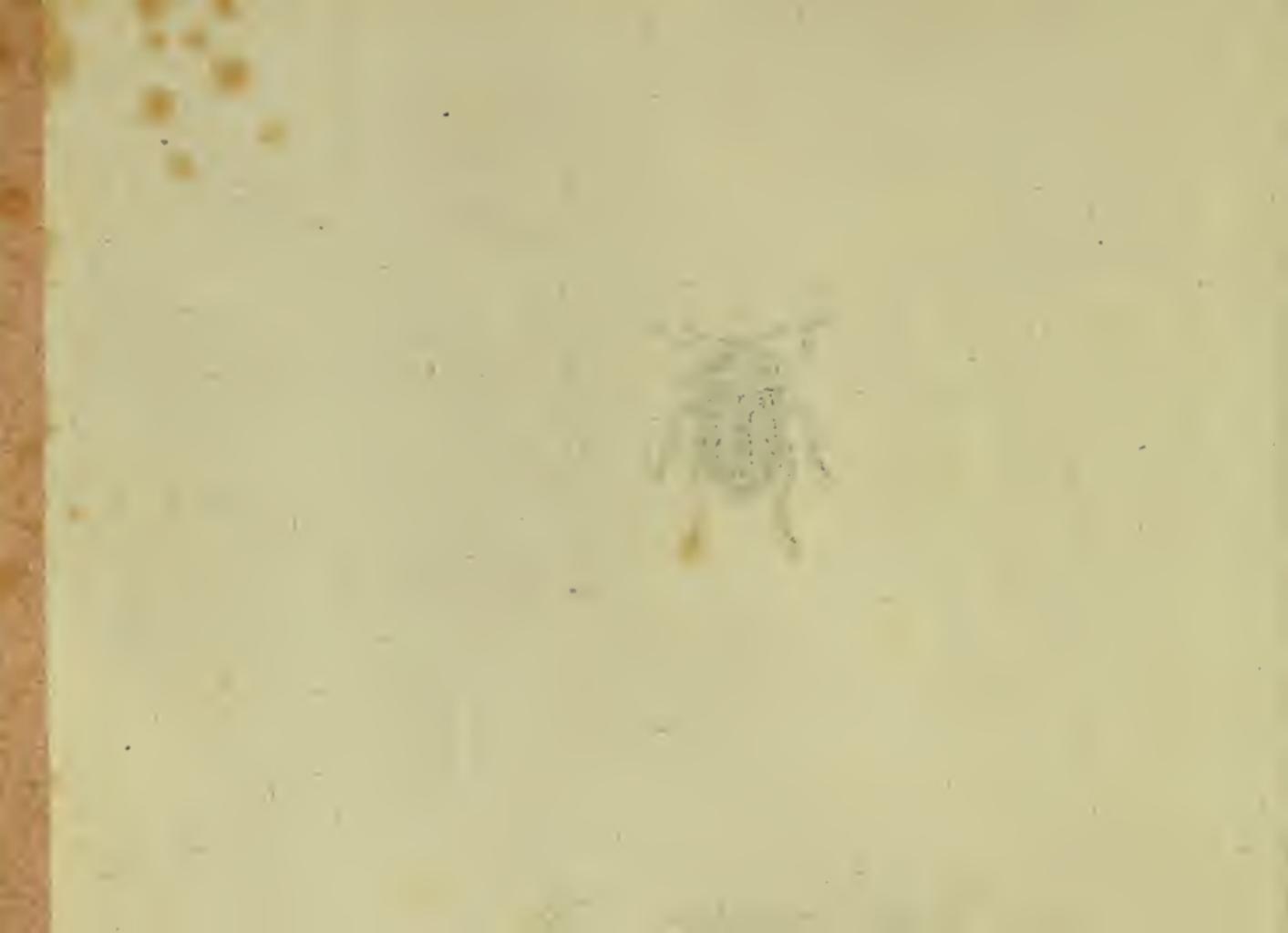
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- Tab. I. *Pimelia variolosa* Fabric.  
— 2. *Carabus gemmatus* Fabric.  
— 3. *Carabus arvensis* Fabric.  
— 4. *Carabus glabratus* Fabric.  
— 5. *Carabus convexus* Fabric.  
— 6. *Cychrus rostratus* Fabric.  
— 7. *Notoxus cornutus* Fabric.  
— 8. *Notoxus equestrus* 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 aromaria* 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 blätterigte 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*. *Fabrie. Mant. Inf. T. I. n. 12.* p. 49.

Habitat in Austriae campis fabulosis, unde in collectionem meam transiit.

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 *Blape variolosa* agnoverat: hinc nullum dubium est, me veram hic *Pimeliam variol.* *F.* publicasse, quamvis ullo *synonymorum* strepitum, eandem comitari nolim, ne indubiam speciem infidam reddere velle videar..

the first of the month, we were enabled to get a good  
start, and about 10 miles from town we came to  
the first of the T. The water was very low  
and the banks were high, so that we had to go  
over them to get across. We were soon in  
the river, and continued on our way, passing  
through several rapids, which were very  
dangerous. We were soon in the middle of the  
river, and the water was very deep. We had to  
go over the rocks, which were very numerous, and  
which made the passage very difficult.



*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.

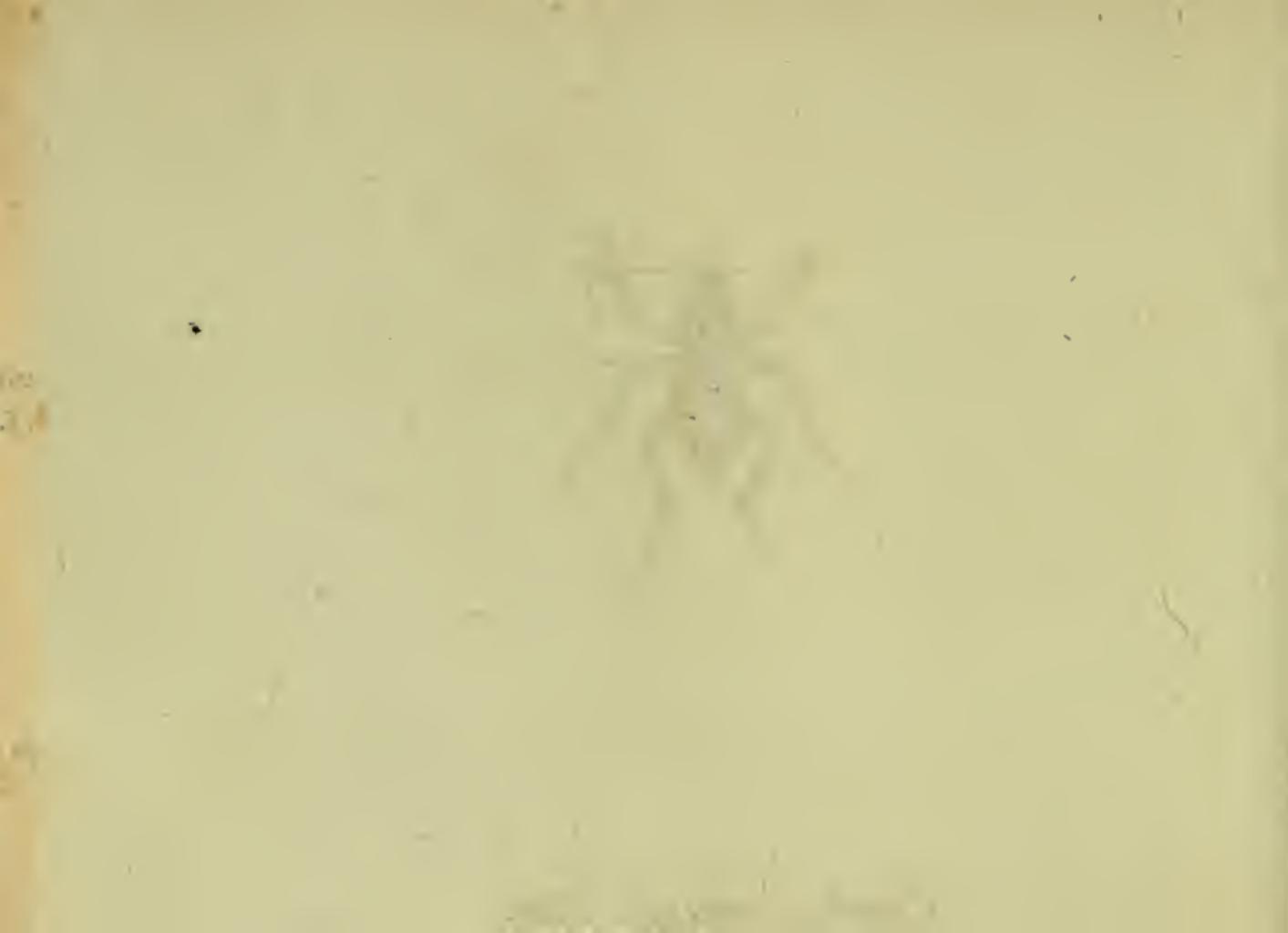
Habitat in sylvaticis Harcyniae.

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

*Journal of Ethnobiology* 30(3)



*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. Preus. Käf. T. I. n. 16. p. 153.

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

Habitat in arvis fabulosis.





*Carabus glabratus* Fabr.



CARABVS glabratus.

Der geglättete 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. I. 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.

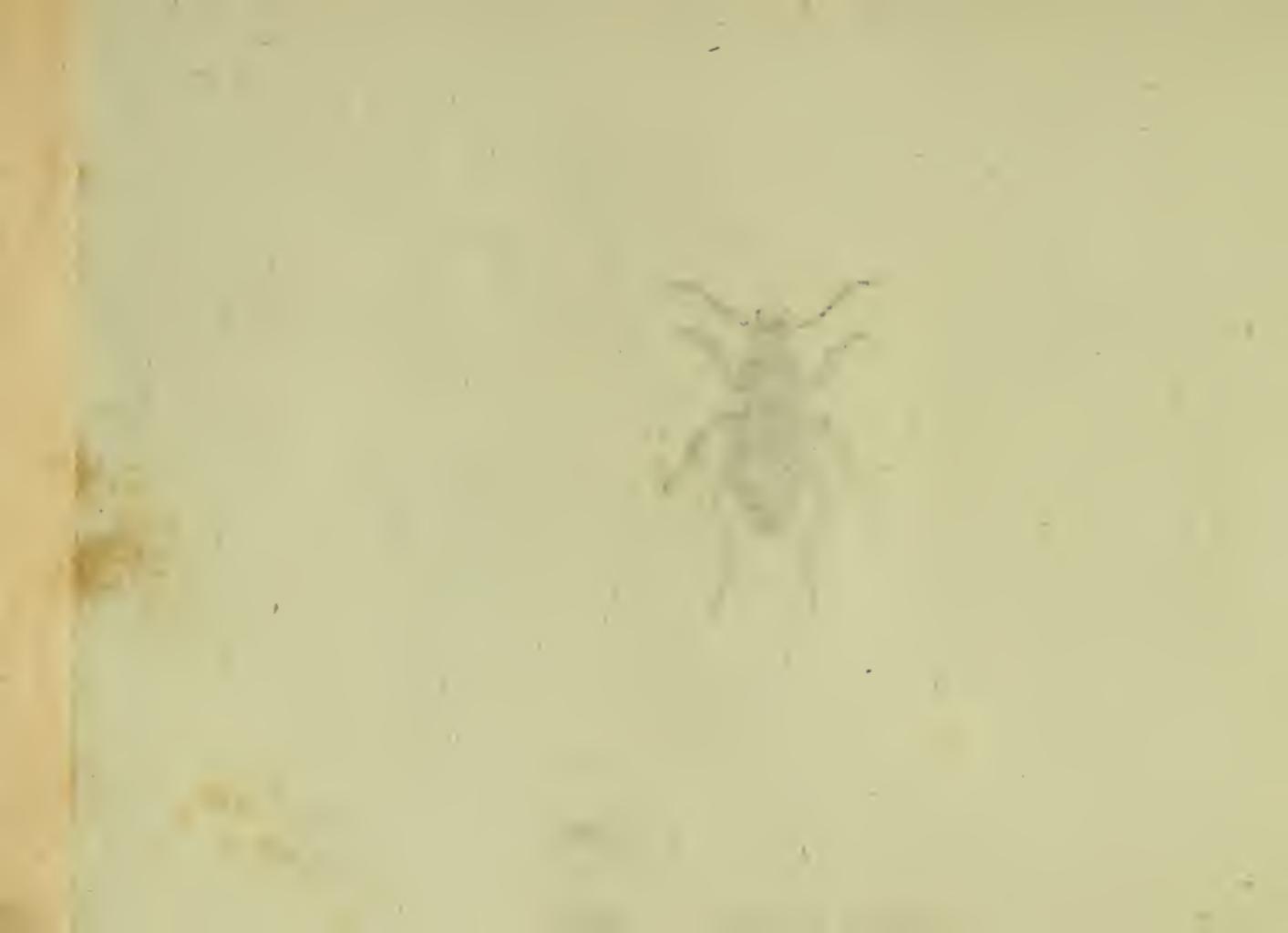
*Panzer* Entom. germ. I. n. 2. p. 44.

Habitat in sylvaticis.

and which will be more or less dependent upon the  
amount of time available for the study of the material.  
The first section of the course will consist of a  
study of the principles of the various methods of  
investigation, and the second section will consist of  
the application of these principles to the solution of  
practical problems.



*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. 1. fig. 5.

*Illiger* Kug. Käf. Preuß. T. I. n. 12. p. 149.

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

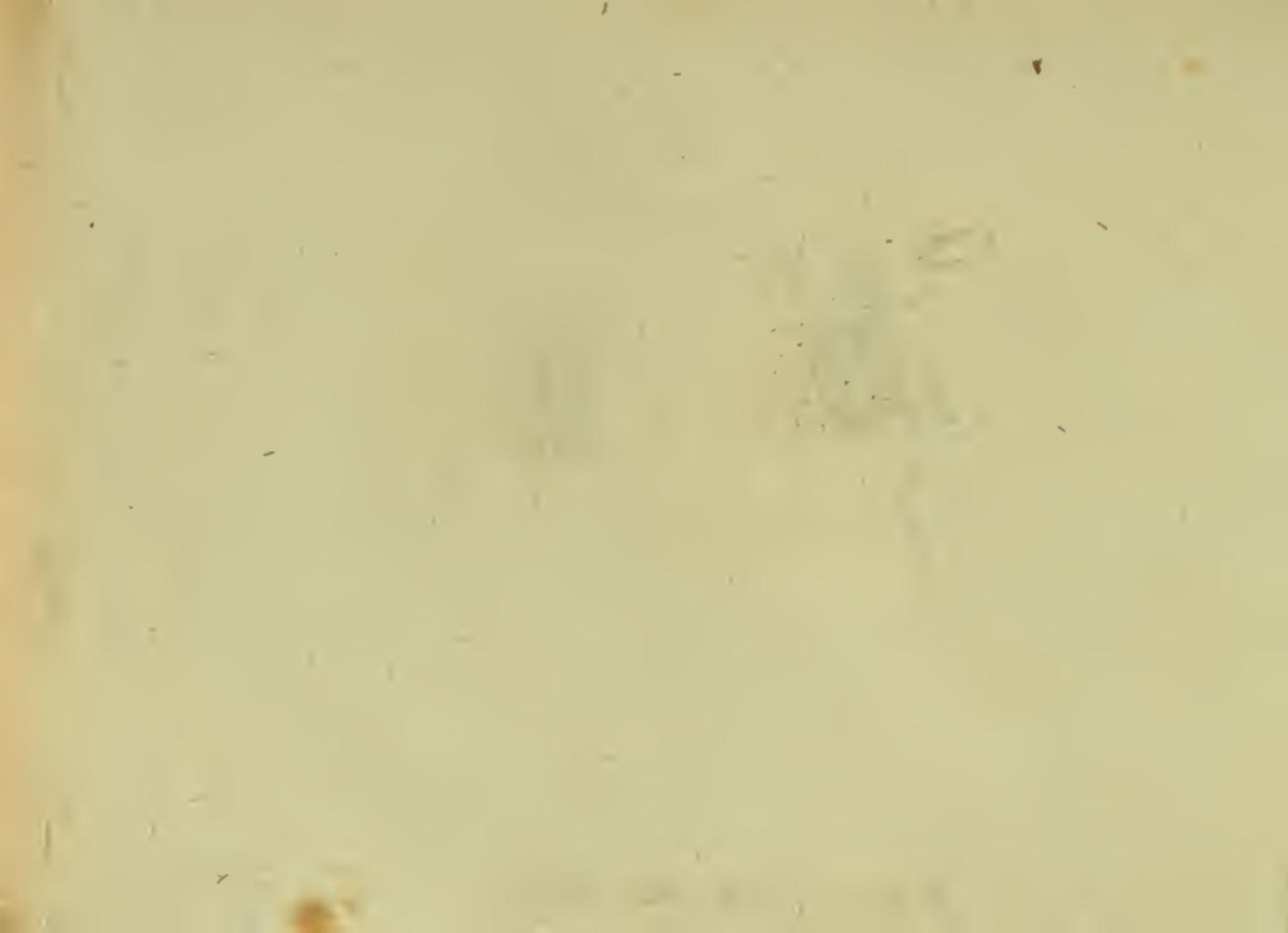
Habitat in sylvaticis.





*Cyphrus rostratus* Fabr:

J. St. f.



CYCHRVS rostratus.

Der langgerüsselte Deckkäfer.

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

*Carabus rostratus*. *Fabric.* Entom. syst. 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.* Syst. Nat. n. 20. p. 577. ed. XIII. n. 72. p. 1966.  
Fn. Suec. n. 823.

*Tenebrio caraboides*. *Linn.* Syst. 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.

*Fetagna* Inf. Calabr. p. 25. n. 121. fig. 21.

*Scribus* Beytr. I. 5. tab. I. fig. 3.

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

*Illiger* Kug. Käf. Preus. T. I. n. I. p. 216.

*Panzer* Entom. germ. I. n. 21. p. 48.

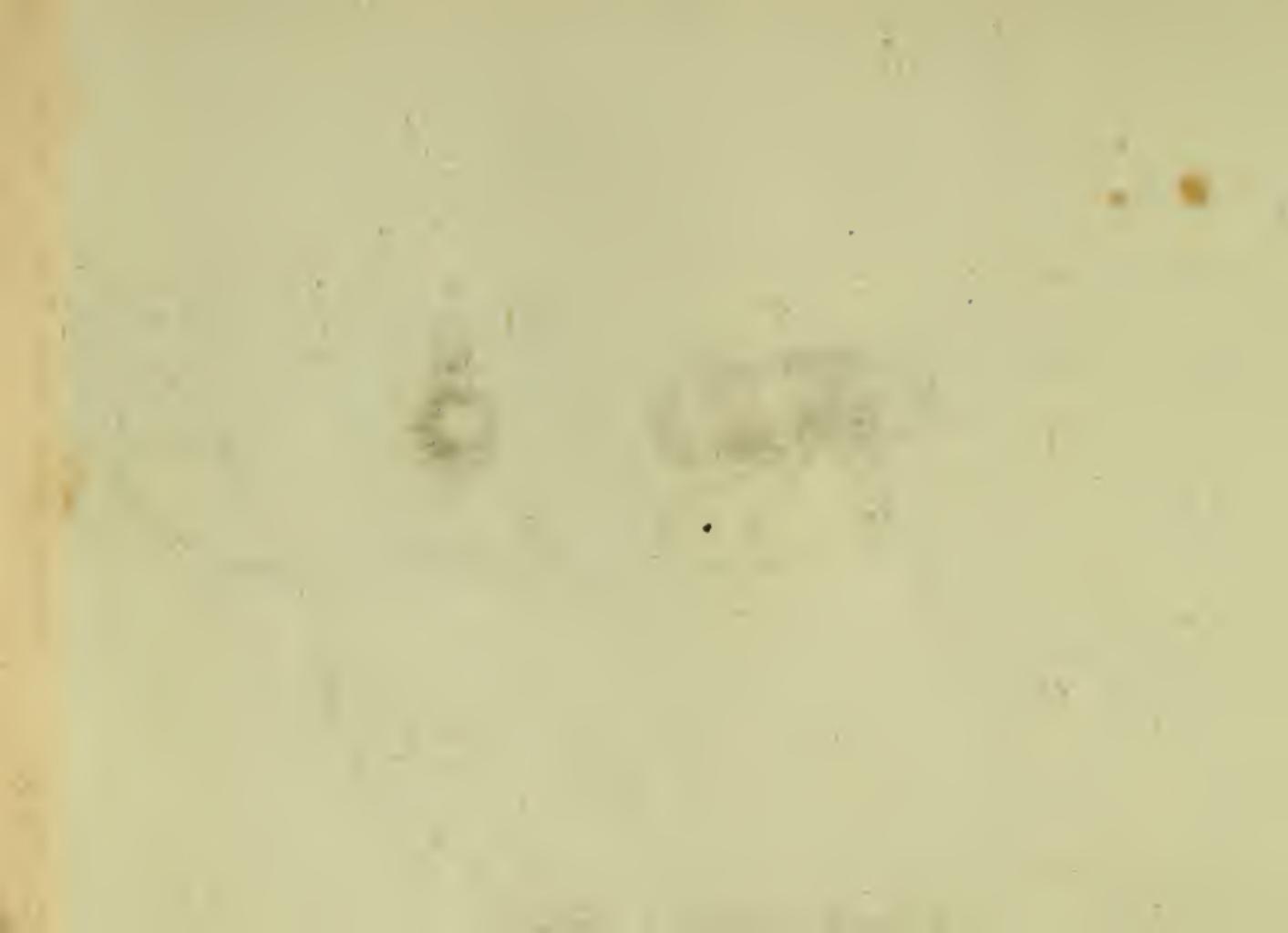
Habitat in quisquiliis.

a Magnitudo naturalis. b Caput etc. auctum.



*Notoxus cornutus* Fabr.

J. J.



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.

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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. Eurus. Mant. n. 114. p. 45., quem omnino  
huc referrem, nisi femorum anticorum fabrica dentata obstareret, quam huic illustr.  
*Fabric.* (Ent. syst. Suppl. p. 65.) assignavit.

a Magnitudo naturalis. b Eadem aucta.

1870-1871

1870-1871

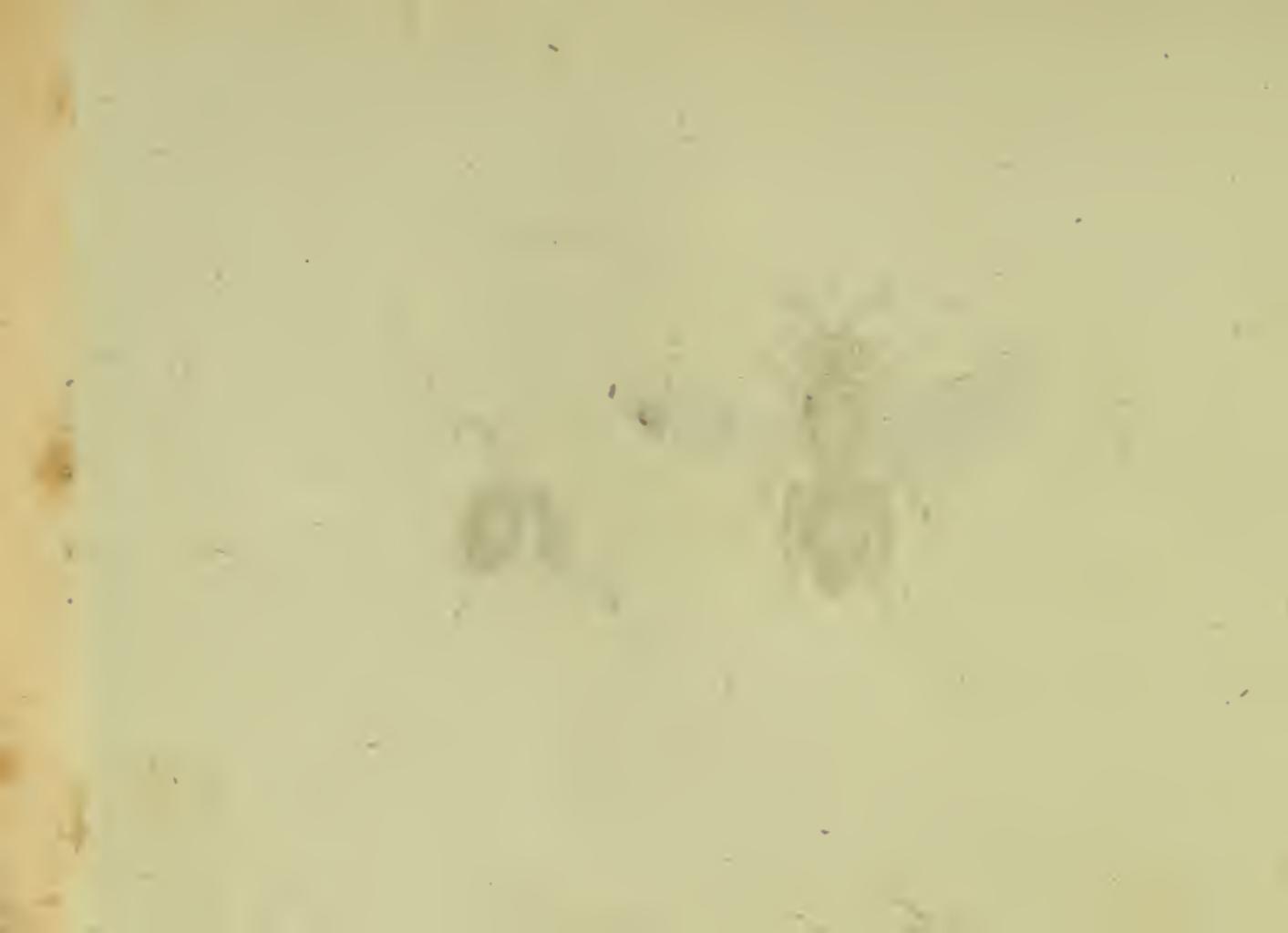
After spending a few days in Boston and New York, I returned  
to New Haven on the 2<sup>d</sup> inst. and remained at home until  
Sunday afternoon when I went to New Haven and  
spent the evening with my old friends. On Monday morning  
I took a boat to New Haven and spent the day with my old  
friends. On Tuesday morning I took a boat to New Haven and  
spent the day with my old friends. On Wednesday morning  
I took a boat to New Haven and spent the day with my old  
friends. On Thursday morning I took a boat to New Haven and  
spent the day with my old friends. On Friday morning  
I took a boat to New Haven and spent the day with my old  
friends.

1870-1871



*Cynips armata* Mihi.

J. St. fee.



## CYNIPS armata.

Die bewafnete Gallwespe.

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

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

Corpus totum nigrum nitidum. Capit 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.

THE  
CATHOLIC

WEEKLY RECORD AND

CATHOLIC AND UNIVERSAL POPULAR JOURNAL WHICH CONTAINS THE  
CATHOLIC CHURCH OF THE UNITED STATES AND THE WORLD.

CONTAINING A HISTORY OF THE CATHOLIC CHURCH IN THE UNITED STATES, THE  
LITERATURE OF THE CHURCH, AND THE HISTORY OF THE CATHOLIC CHURCH IN THE

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*Andrena Rosae Mihi.*

J. et. fe.

看

## 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* 1793.

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, utplurimum in secundo segmento sita. Alae subfuscæ, nervo antico crassiori nigro, puncto obscure flavo. Pedes nigri, praesertim postici valde nigro pilosi: tarsis omnibus fuscis,

a Magnitudo naturalis. b Eadem aucta.

### 3. The Influence of the Environment



*Apis campestris* Mihi.

J. G. fee.



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 fabulosa, floribus Solidag. Virg.  
aur. L. insidentem, mense Octobr. 1799.

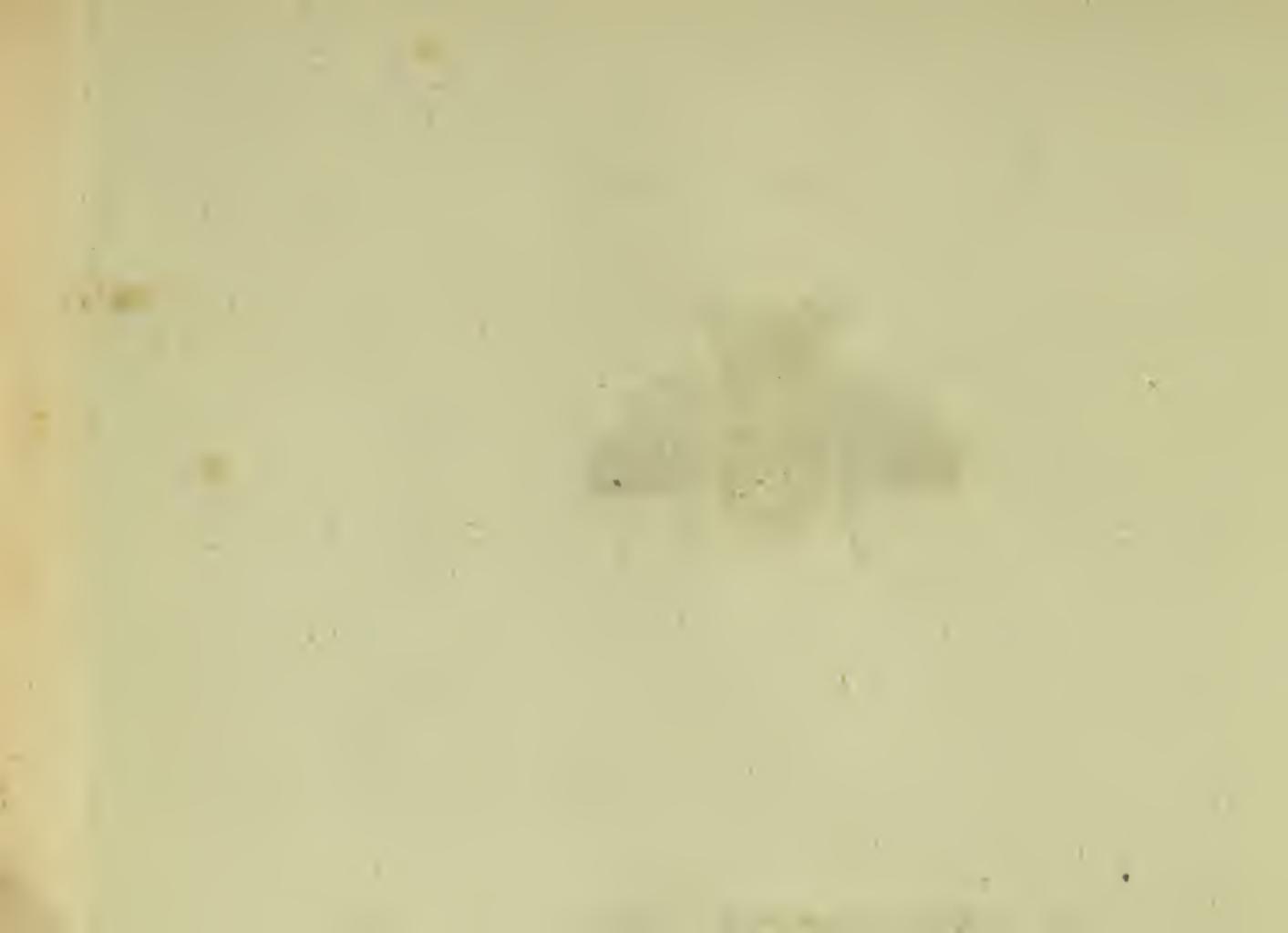
Magnitudo et statura *Ap. lapidar.* F. Caput atrum nitidum fronte atro pilosa, vertice cum regione stemmatum calvis. Mandibulae productae validæ crassæ, oblique truncatae, subdentatae, extus lineis aliquot elevatis: apice parum rufo pilosae. Antennæ nigrae. Oculi magni nigri, nebula cinerea. Thorax ater flavus, medio nudus. Alae obscure fuscae præsertim 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 flavobarbatus. Pedes nigri pilosi, tarsis fuscis.





*Apis arenaria* Mihi.

J. St. fee.



APIS arenaria.

Die Sandbiene. Die Sandhummel.

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

Legi sero autumno A. 1799. in floribus.

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

During 1958  
I made several contacts with  
members of the public who were interested in the development  
of the new science of ecology and its  
application to the solution of environmental problems. The meetings which  
I had with these individuals were generally quite brief, and they usually  
consisted of a short period of listening to me talk about my work and then  
a period of question and answer.



*Thereva subcoleoptrata* Mas Fabr. J.S. fec



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. Ins. T. II. n. 12. p. 423. Mant. Ins. T. II. n. 13. p. 335.

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

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

a Magnitudo naturalis. b Eadem aucta,

## 247. *Thysanococcidae*

Suborder: Aleyrodoidea (Homoptera)

Family: Thysanococcidae. This family contains the most primitive forms of the Homoptera. The body is elongated, flattened, and covered with numerous waxy tubercles which give it a mottled appearance. The antennae are long and segmented, and the mouth parts are well developed. The wings are absent or rudimentary, and the legs are short and stout. The eggs are laid in clusters on the surface of the host plant, and the young hatch after a few days.

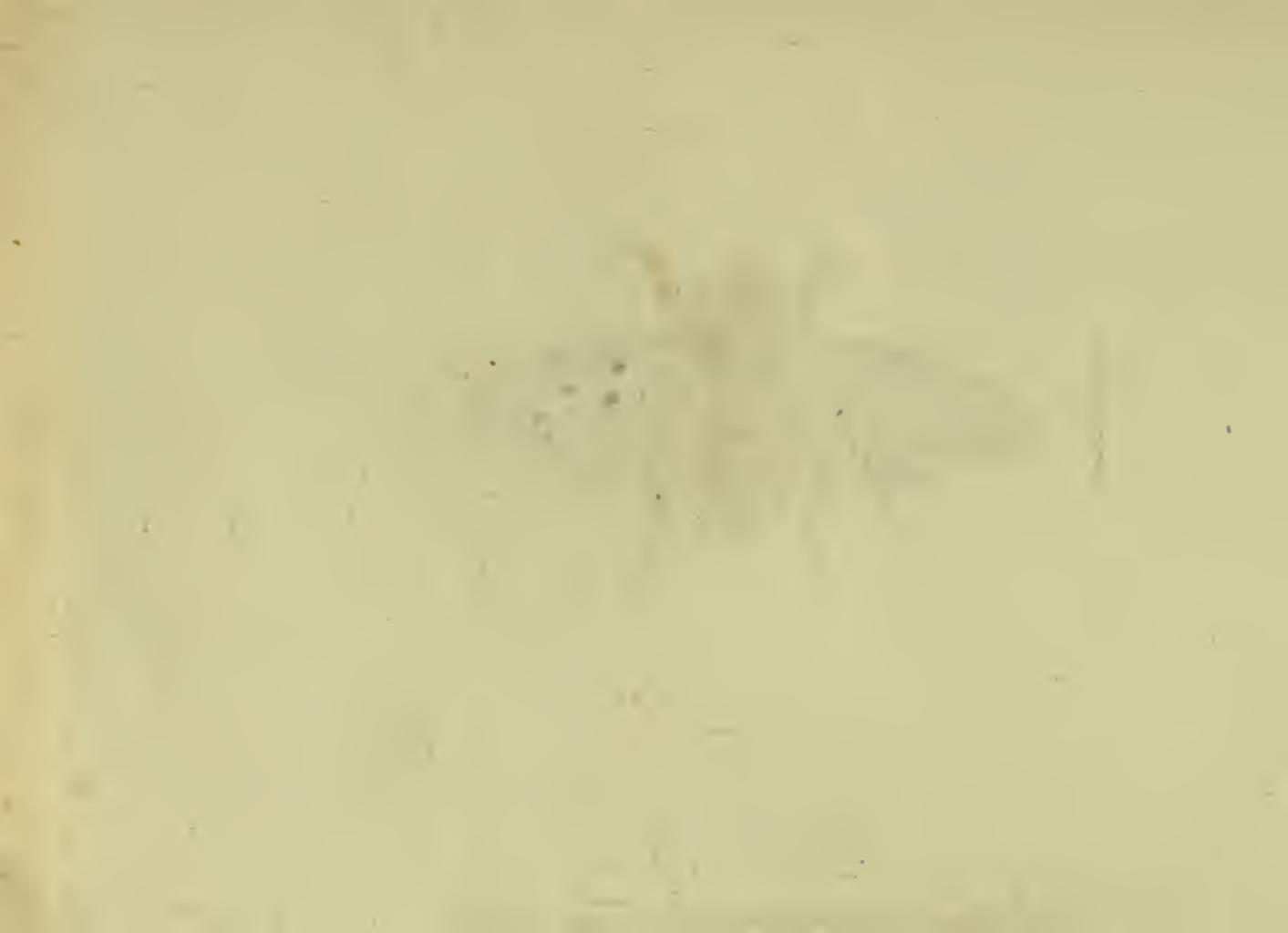
The following species have been described from the Americas:

*Thysanococcus* (L.)



*Thereva subcoleoptrata* Tem. Fabr.

J. St. fcc



THEREVA subcoleoptrata. Feminæ.

Die halbgedekte Käferfliege. Das Weibchen.

*Thereva subcoleoptrata* Fabr. l. c.

Habitat cum mare.

a Magnitudo naturalis. b Eadem aucta.

Golden Gate Park  
San Francisco  
California  
July 1912



*Thereva crassipennis* Fabr.

J. St. Jea.



THEREVA crassipennis.

Die dickflügligste 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.

THURSDAY 24th January  
Die Schäfchen sind wieder  
zurück gekommen : sie sind sehr gesund und kräftig.  
Sie haben sich sehr gut verhalten und sind sehr  
aufmerksam gewesen. Ich habe sie mit viel Liebe  
versorgt und gepflegt. Sie sind sehr dankbar.  
Habt mir ein gutes Bild von den Schäfchen geschickt.



*Thereva affinis* Fabr.

J Sturm fec.



THEREVA affinis.

Die ähnliche Käferfliege.

*Thereva affinis*: thoracis lateribus fulvis: abdomine atro lateribus testaceis. *Fabric.* Entom. syst. Suppl. 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.

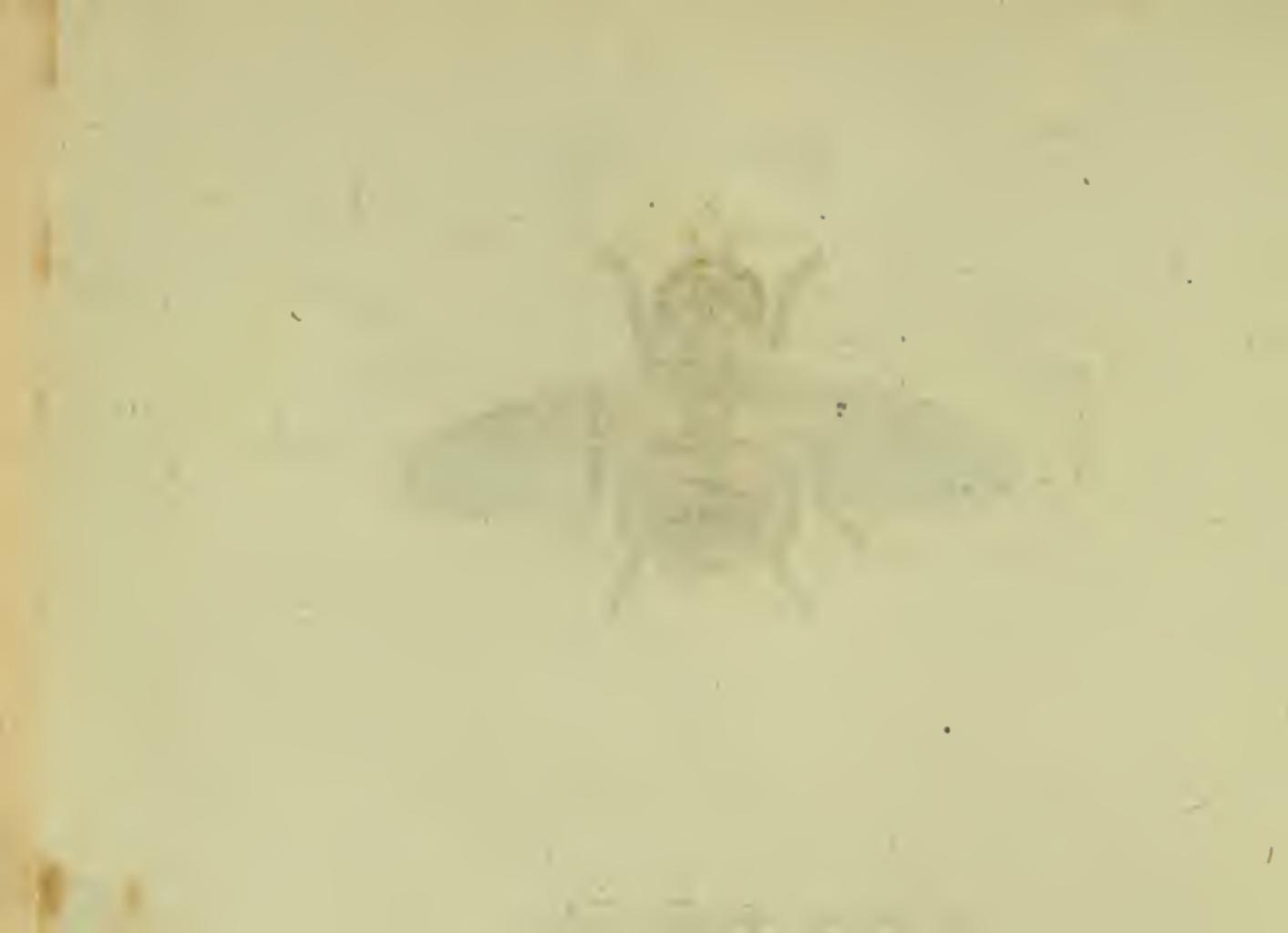
संगीत अवधारणा

D10. *Antennae* N3256



*Thereva analis* Fabr.

Jac. St. fee.



THEREVA analis.

Die bleichhafterichte Käferfliege.

*Therева analis*: fusca abdominis lateribus basi fulvis, ano albido. *Fabric.* En-tom. syst. Suppl. n. 5. p. 561.

Legi non raro in montosis asperis. 1799.

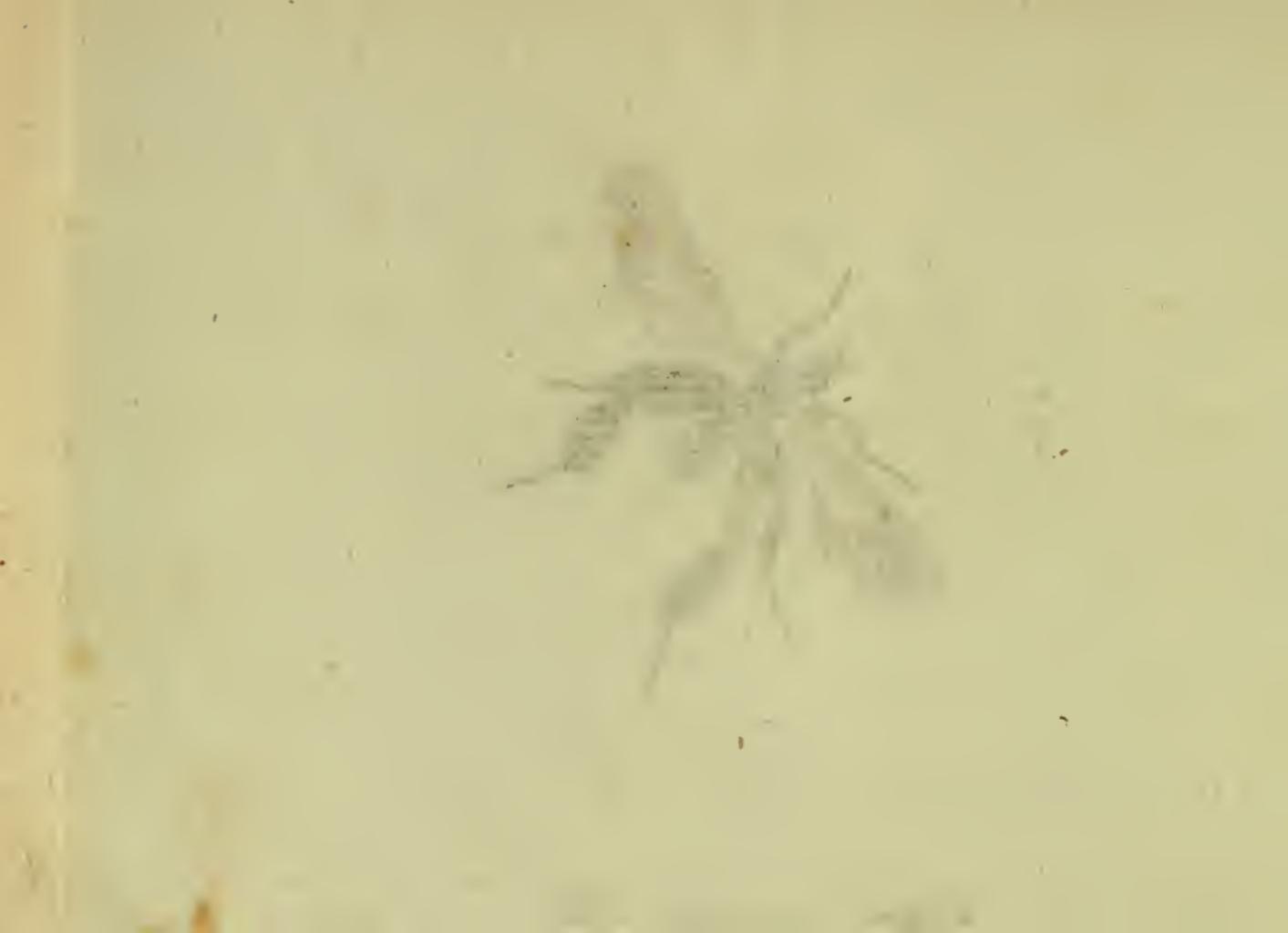
.a Magnitudo naturalis. .b Eadem aucta.

the first time, I have seen  
the flower of the *Acacia* and  
it is a very small flower, about  
the size of a pea, and it is  
yellowish-green in color, and  
it has a very strong fragrance.



*Empis pennipes* Fabr.

J. St. fec.



EMPIS pennipes.

Die federfűsichte 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 pratensisibus.

a Magnitudo naturalis. b Eadem aucta.

1900-1903

*Mythology, Chinese, etc.*

1900-1903 Chinese stories, among which representations of  
the life of Confucius, the Chinese alphabet, etc. Told  
and written out by the author, in ink and gold-colored paper  
covers.

1900-1903 Chinese stories, with  
illustrations in colored pencil.

1900-1903 Chinese stories.

1900-1903 Chinese stories.



*Aranea atomaria* Mihi.

J. St. fee



ARANEA atomaria.

Die zartgetupfte Spinne.

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

Legi sero autumno 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.

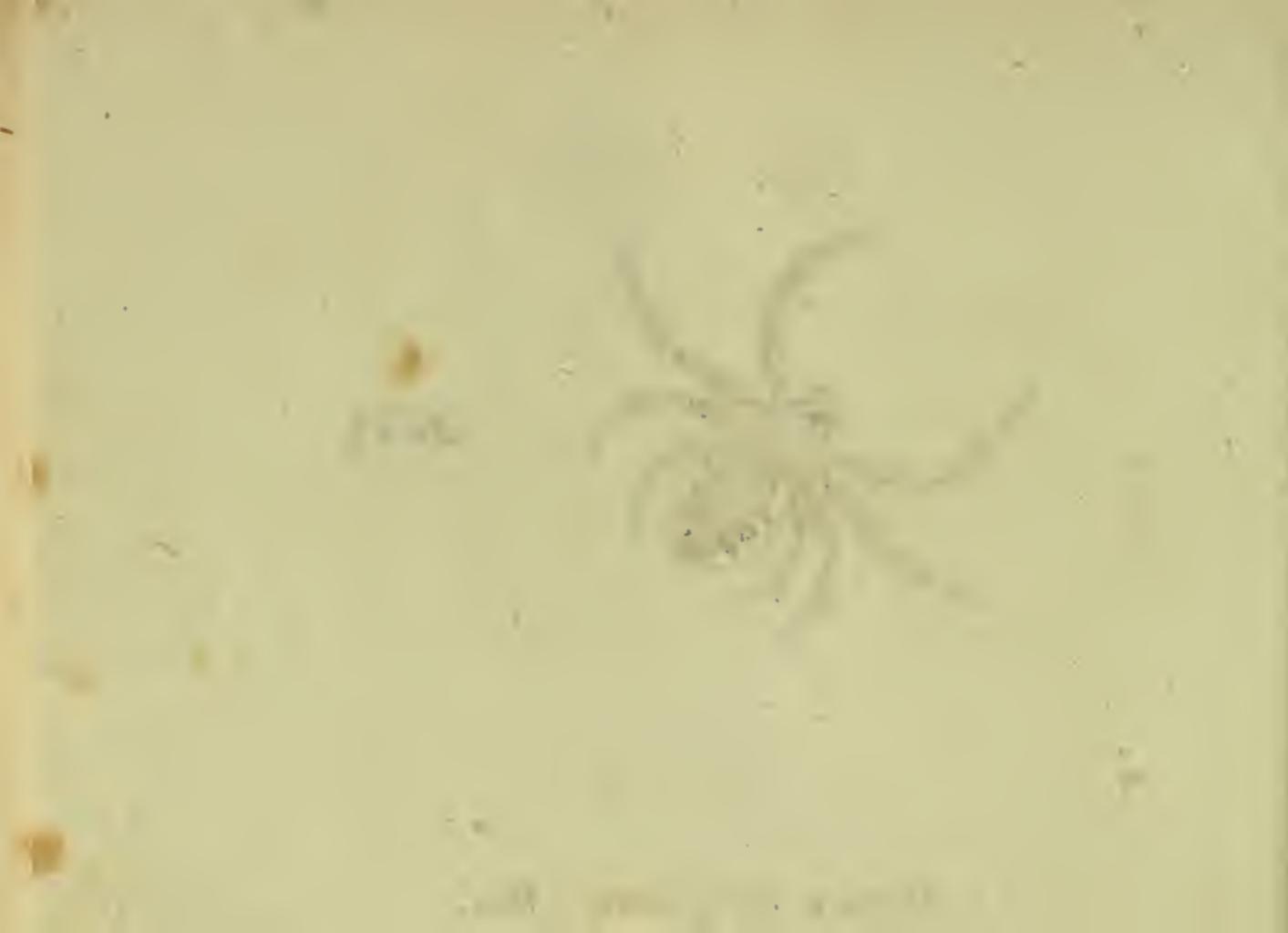
a Magnitudo naturalis. b Eadem aucta. c Situs oculorum.

and the *lungs* were *normal*.  
The *liver* was *normal*.  
The *kidneys* were *normal*.  
The *bladder* was *normal*.  
The *uterus* was *normal*.  
The *ovaries* were *normal*.  
The *testes* were *normal*.  
The *prostate* was *normal*.  
The *rectum* was *normal*.  
The *colon* was *normal*.  
The *stomach* was *normal*.  
The *intestines* were *normal*.  
The *pancreas* was *normal*.  
The *liver* was *normal*.  
The *lungs* were *normal*.  
The *heart* was *normal*.  
The *kidneys* were *normal*.  
The *bladder* was *normal*.  
The *uterus* was *normal*.  
The *ovaries* were *normal*.  
The *testes* were *normal*.  
The *prostate* was *normal*.  
The *rectum* was *normal*.  
The *colon* was *normal*.  
The *stomach* was *normal*.  
The *intestines* were *normal*.  
The *pancreas* was *normal*.



*Aranea irregularis* Mihi.

J. St. fee.



ARANEA irregularis.

Die unregelmäsig gezeichnete Spinne.

*Aranea irregularis*: atra, abdome ovato margine laterali irregulariter repando testaceo.

Legi sub trunko Quercus caesae.

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

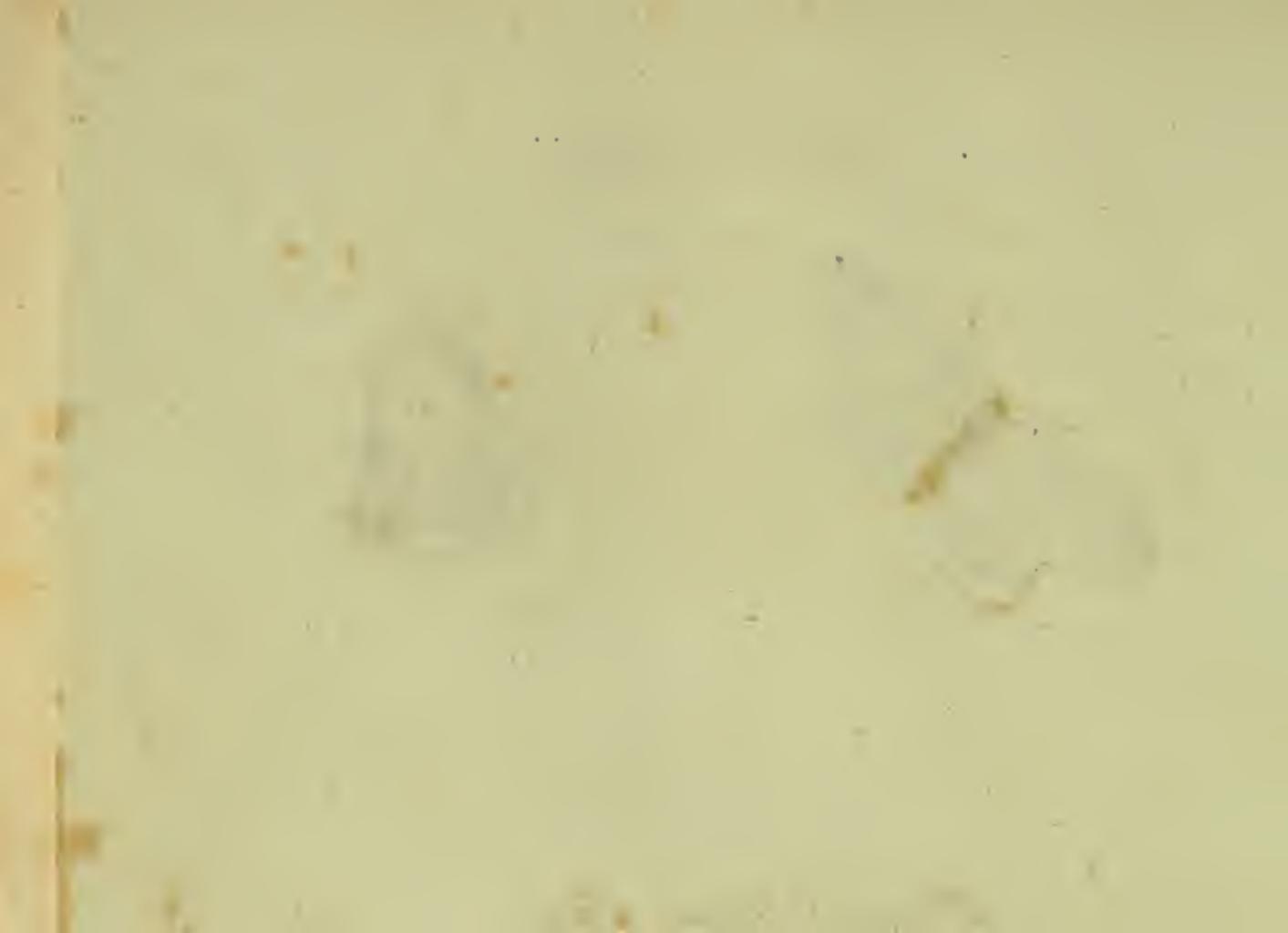
a Magnitudo naturalis. b Eadem aucta. c Situs oculorum.

the first time I have seen it. It is a very  
handsome bird, with a long crest, and  
is about the size of a pheasant. It has  
a black head and neck, with a white  
ring around the eye, and a white  
breast. The body is covered with  
brown feathers, with some white  
spots on the wings and tail. The  
legs are long and strong, and the  
feet are sharp and well adapted  
for running and jumping.



Papilio D. Sinapis (Fabr.)

J. J. de Geer.



PAPILIO Danaus Sinapis.

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

*Papilio Dan. Sinapis*: alis rotundatis integerimis albis: apicibus fuscis. *Fabric.*  
*Entom. syst.* T. IV. n. 577. p. 187. *Syst. Entom.* n. 114. p. 470. *Spec.*  
*Ins.* T. II. n. 164. p. 40. *Mant. Ins.* 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 Ins.* T. II. P. I. n. 4. p. 183. *tab. 1. fig. 1.*

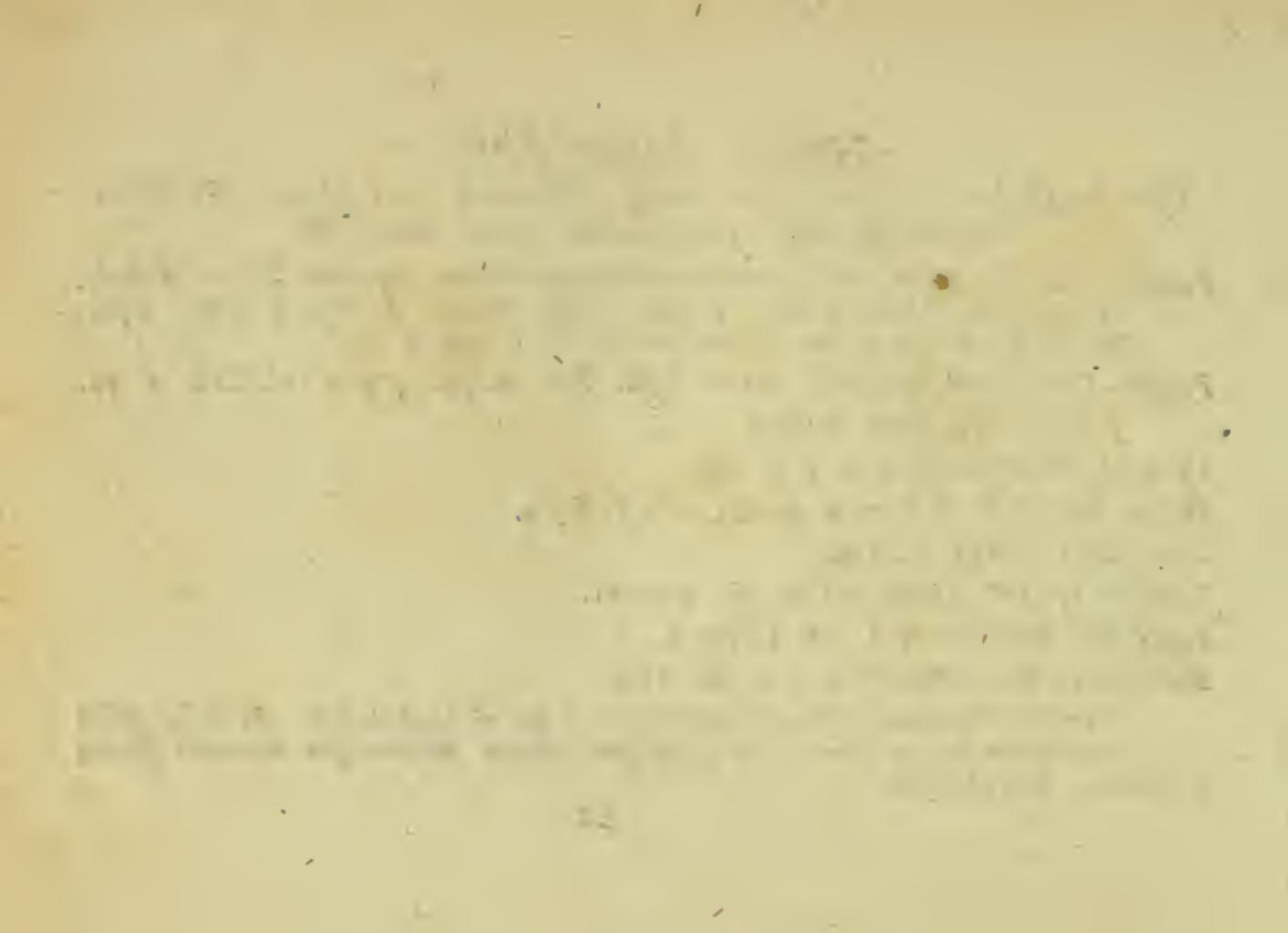
*Scop. Carn.* n. 452. *ic. 452.*

*Schäffer Ic. Ins. Ratisb.* *tab. 97. fig. 8 — 11.*

*Egger 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.

J. St. Sc.



PAPILIO Danaus Daplidice.

Der grüngefleckte Weisling. Der Waufalter. Der Petersfilienvogel.  
Der Heiderichsfchmetterling. Le blanc marbré de verd. Le Papillon  
persillé 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. Ins. T. II.* n. 174. p. 41. *Mant. Ins. 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. Ins. T. II.* n. 44. p. 71.

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

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

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

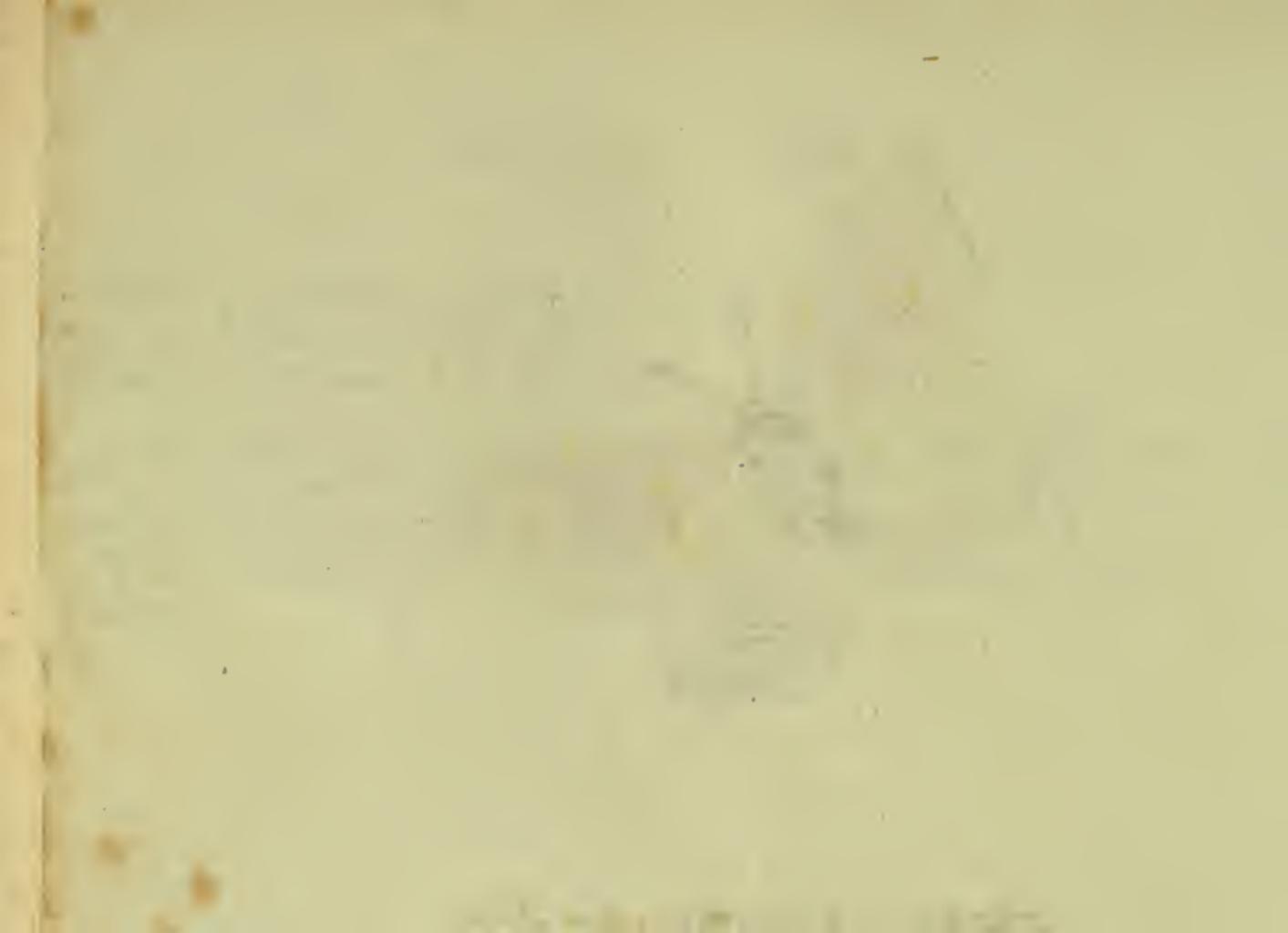
Borkhausen Eur. Schmett. T. I. n. 8 p. 123.

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.

J. St. sc.



PAPILIO Danaus Cleopatra. Mas.

Die Orangefahne. Das Männchen.

*Papilio Dan. Cleopatra*: alis integerimis: anticis supra disco fulvo, reliquis  
puncto ferrugineo. *Fabric. Ent. syst.* T. IV. n. 667. p. 213. *Syst. Entom.*  
n. 160. p. 479. *Spec. Ins.* T. II. n. 225. p. 52. *Mant. Ins.* 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 Han-  
se, sondern wird auch namentlich in der Schweiz angetroffen. Seine Naturge-  
schichte ist noch nicht hinlänglich genug aufgehellt.

and the same would apply to  
the other two, and all you have to do  
is to add the first two together. The result will be the  
sum of the first two numbers, and the  
product of the first two numbers.

Now, if you want to multiply  
two numbers together, you can do it by  
adding the first number to the second  
number, and then multiplying the sum  
by the second number. This is called  
the multiplication rule, and it is very  
useful when you are doing calculations.



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.

and the world around us

is a world full of change & life

and it is hard to know exactly what's going on

but we can see that things are changing and getting better

and we can help make things even better by working together





des fünf und siebenzigsten Hefts.

---

Tab. I. *Carabus clathratus* Fabric.

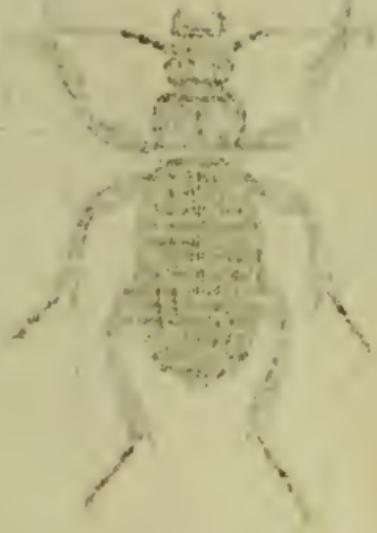
- 2. *Carabus cupreus* Fabric.
- 3. *Carabus azureus* Fabric.
- 4. *Carabus aeneus* Fabric.
- 5. *Carabus cyanocephalus* Fabric.
- 6. *Carabus haemorrhoidalis* Fabric.
- 7. *Carabus alpinus* Fabric.
- 8. *Carabus borealis* Paykull.
- 9. *Carabus meridianus*. Fabric.
- 10. *Carabus quadrimaculatus* Fabric.
- 11. *Carabus agilis* Fabric.
- 12. *Carabus truncatellus* Fabric.
- 13. *Dermestes undatus* Fabric.
- 14. *Dermestes lunatus* Fabric.
- 15. *Dermestes adstritor* 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 Femina* Fab.





*Carabus clathratus* Fabr:

J. St. fee.



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. Ins. T. I. n. 18. p. 302. Mant. Ins. 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* Ins. 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. Preus. T. I. n. 19. p. 156.

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

Habitat raro in sylvaticis.

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*Carabus cupreus* Fabr.

J.S. fec



CARABVS cupreus.

Der kupferfärige Laufkäfer. Carabè rossette. Degeer.

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

*Carabus cupreus*. Linn. Syst. Nat. n. 29. p. 672. ed. XIII. n. 29. p. 1975. Fn.  
Suec. n. 801.

*Carabus metallicus*. Scop. Carn. 270.

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

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

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

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

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

*Harrer* Beschr. d. Schaeff. Inf. n. 208. p. 130.

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

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

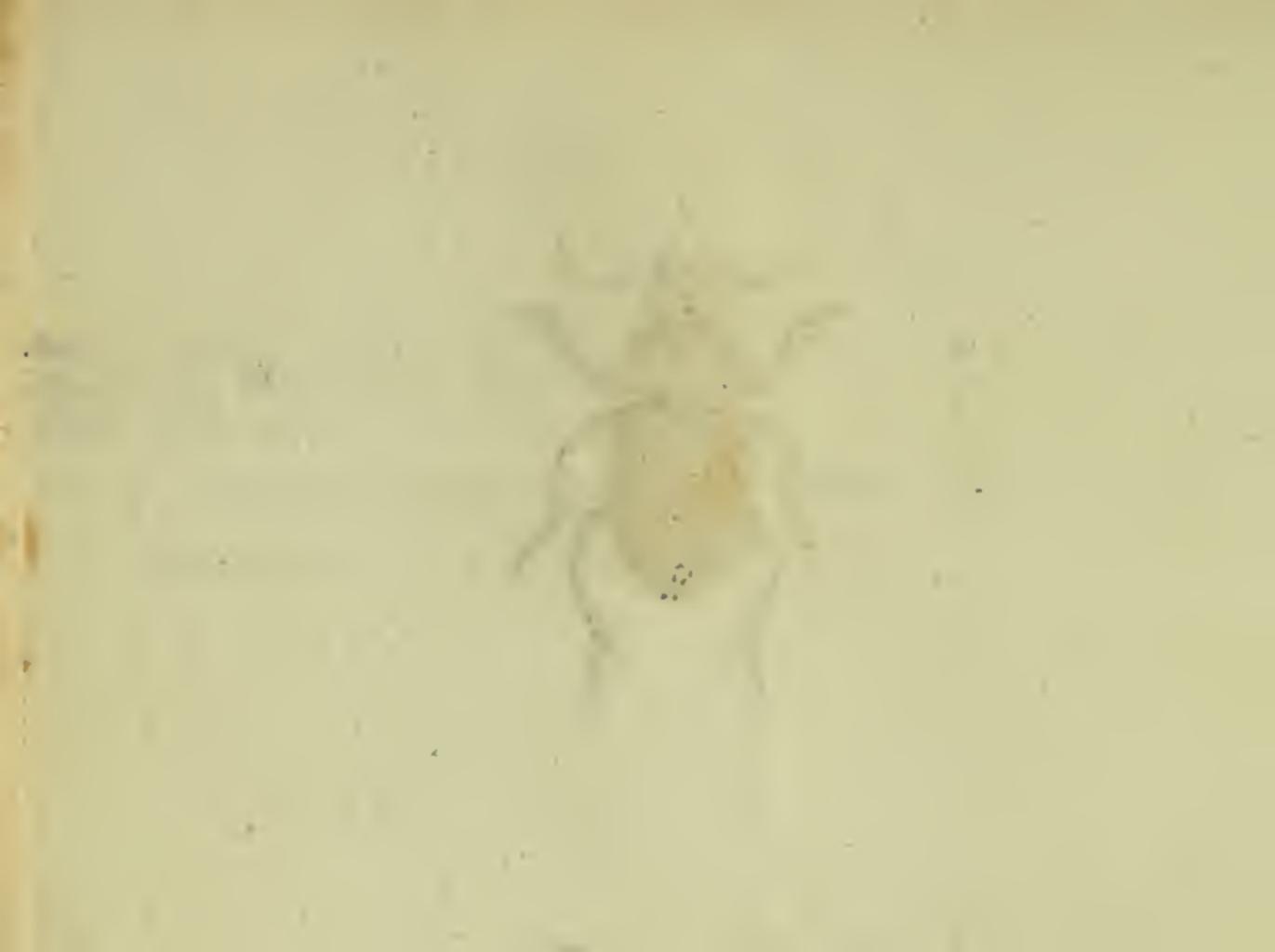
Habitat sub lapidibus in pratis humidis, frequens.

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. Preuf. T. I. n. 36. p. 169. a)

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

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

a Magnitudo naturalis. b Eadem aucta.

1900-07-11

Wet day - 100% RH

Cloudy & cool - 100% RH - 10°C  
Wind SSW 10-15 km/h - 100% RH

Cloudy & cool - 100% RH



*Carabus aeneus* Fabr.

J. St. Soc.



CARABVS aeneus.

Der bronzefarbige 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. Ins. T. I. n. 59. p. 309.* *Mant. Ins. T. I. n. 81. p. 202.*

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

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

— — — Faun. Suec. n. 83. a. p. 163.

*Schaeffer Ic. Ins. Ratisb. tab. 18. fig. 3.*

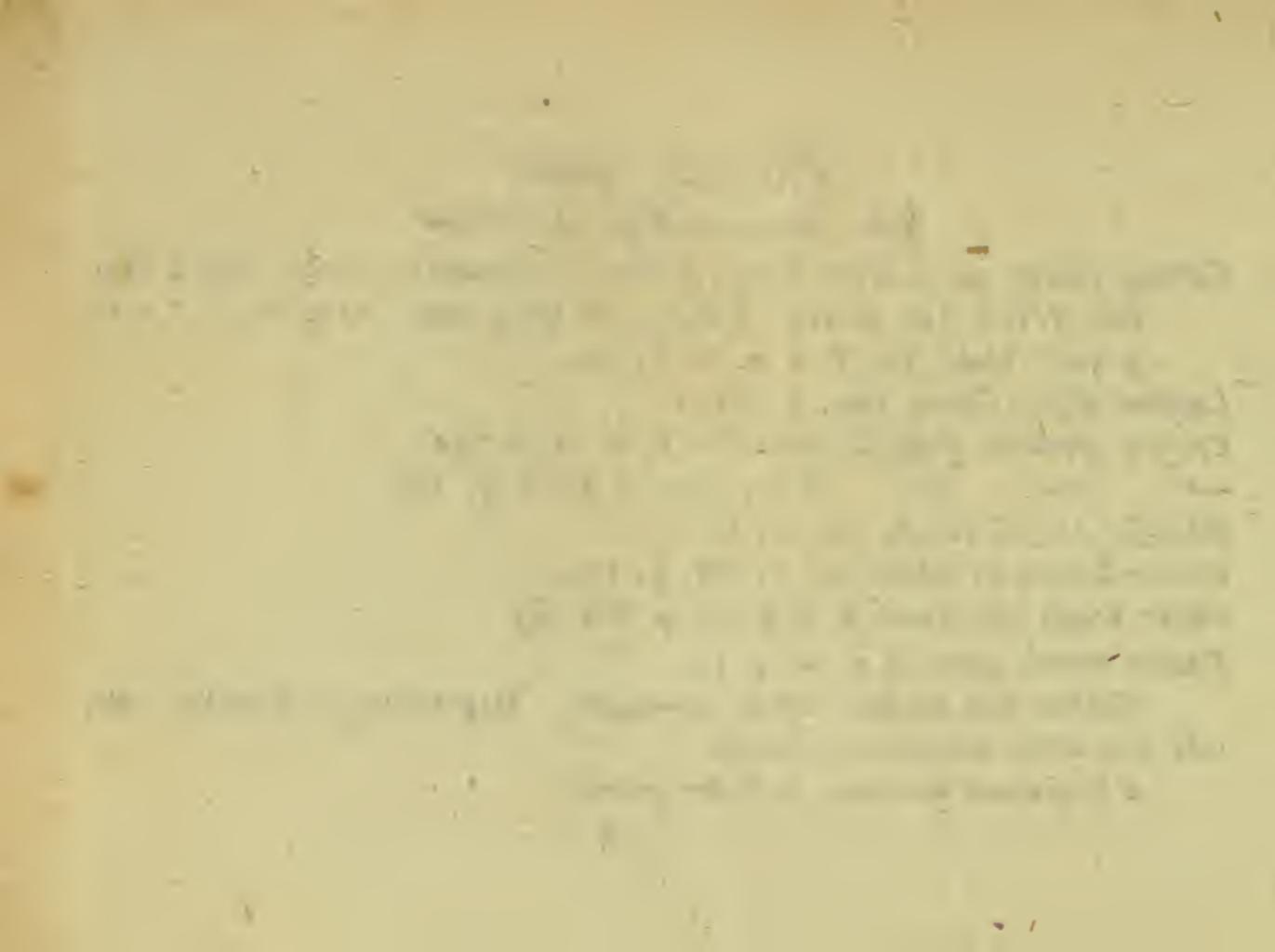
*Harrer Beschr. d. Schäff. Ins. n. 207. p. 130.*

*Illiger Kugel. Käf. Preus. T. I. n. 36. p. 169. ♂)*

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

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

a Magnitudo naturalis. b Eadem aucta.





*Carabus cyanocephalus* Fabr.

J. St. fec.



CARABVS cyanocephalus.

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

*Carabus cyanocephalus*: alatus thorace pedibusque ferrugineis, capite elytrisque cyanis. Fabric. Ent. syst. T. I. n. 154. p. 159. Syst. Entom. n. 53. p. 245. Spec. Ins. T. I. n. 65. p. 310. Mant. Ins. 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. Ins. T. I. n. 40. p. 149.

Degeer Ins. 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. Ins. Ratisb. tab. II. fig. 14.

*Harrer* Beschr. 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. fcc



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 same time, the  
same place, the  
same day, the  
same hour, the  
same minute,  
the same second,  
the same millisecond,  
the same microsecond,  
the same nanosecond,  
the same picosecond,  
the same femtosecond,  
the same attosecond,  
the same zeptosecond,  
the same yoctosecond.

It is the same time,  
it is the same place,  
it is the same day,  
it is the same hour,  
it is the same minute,  
it is the same second,  
it is the same millisecond,  
it is the same microsecond,  
it is the same nanosecond,  
it is the same picosecond,  
it is the same femtosecond,  
it is the same attosecond,  
it is the same zeptosecond,  
it is the same yoctosecond.



*Carabus alpinus* Fabr.

J. St. fee.



CARABVS alpinus.

Der Alpen Laufkäfer.

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

*Carabus torridus*. *Illiger Kugel. Käf. Preuß. T. I. n<sub>o</sub> 42. p. 173. var. β.*

Habitat raro in Germania boreali.

a Magnitudo naturalis. b Eadem aucta.

1877. 12. 20.  
Dear Mr. & Mrs. H. C. Brewster,  
I am sending you a copy of my notes on  
the birds of the Connecticut River Valley, which  
I hope will be of interest to you. I have  
not yet finished my observations, but I  
will send you more as soon as possible.  
Yours very truly,  
John D. Ladd



*Carabus borealis* Paykull.

J. St. fee.



CARABVS borealis.

Der nördliche Laufkäfer.

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

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

Elliger Kug. Käf. Preus. T. I. n. 66. p. 188.

Habitat in sylvaticis primo vere sub arborum cortice. Kugelann. I. a.

a Magnitudo naturalis. b Eadem aucta.

Alfonso Sánchez

Alfonso Sánchez

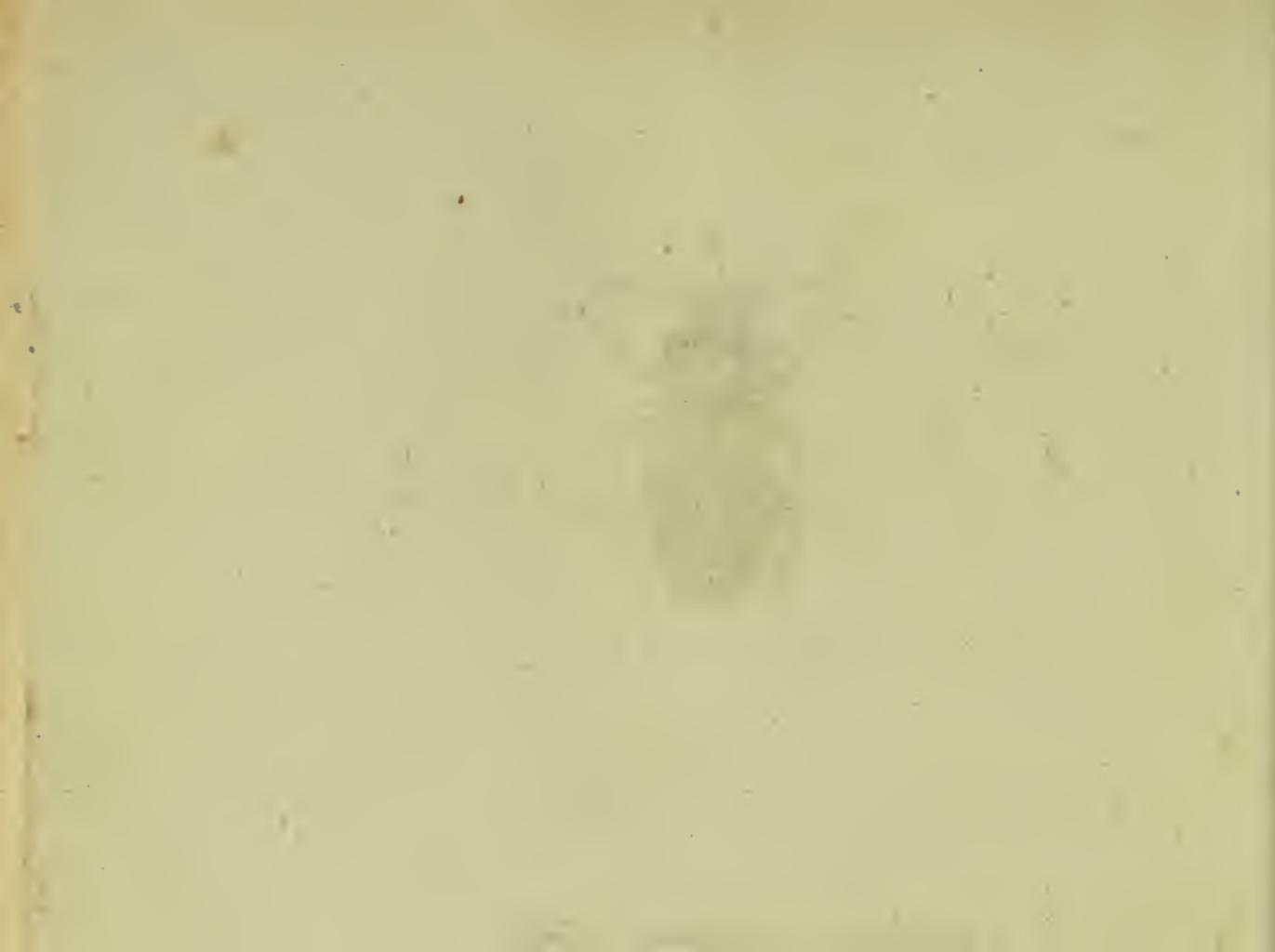
Alfonso Sánchez es un poeta que nació en 1960 en la localidad  
de Alcalá de Henares, Madrid. Es licenciado en Filología Hispánica  
y tiene una amplia trayectoria literaria. Ha publicado numerosos  
libros de poesía y ensayo, así como artículos en revistas y medios

de comunicación social, entre los que destaca el periódico ABC.

Alfonso Sánchez obtuvo el Premio



*Carabus meridianus* 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.

*Rössi* *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.





*Carabus quadrimaculatus* Fabr:

J. St. fec.



CARABVS quadrimaculatus.

Der viergefleckte Laufkäfer. Le Bupreste quadrille à corcelet plat,  
et étoiles 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.

Einsd. Faun. Suec. n. 56. p. 140.

Illiger Kugel. Kif. Preus. T. I. n. 88. p. 202. var.  $\alpha$ )

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

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

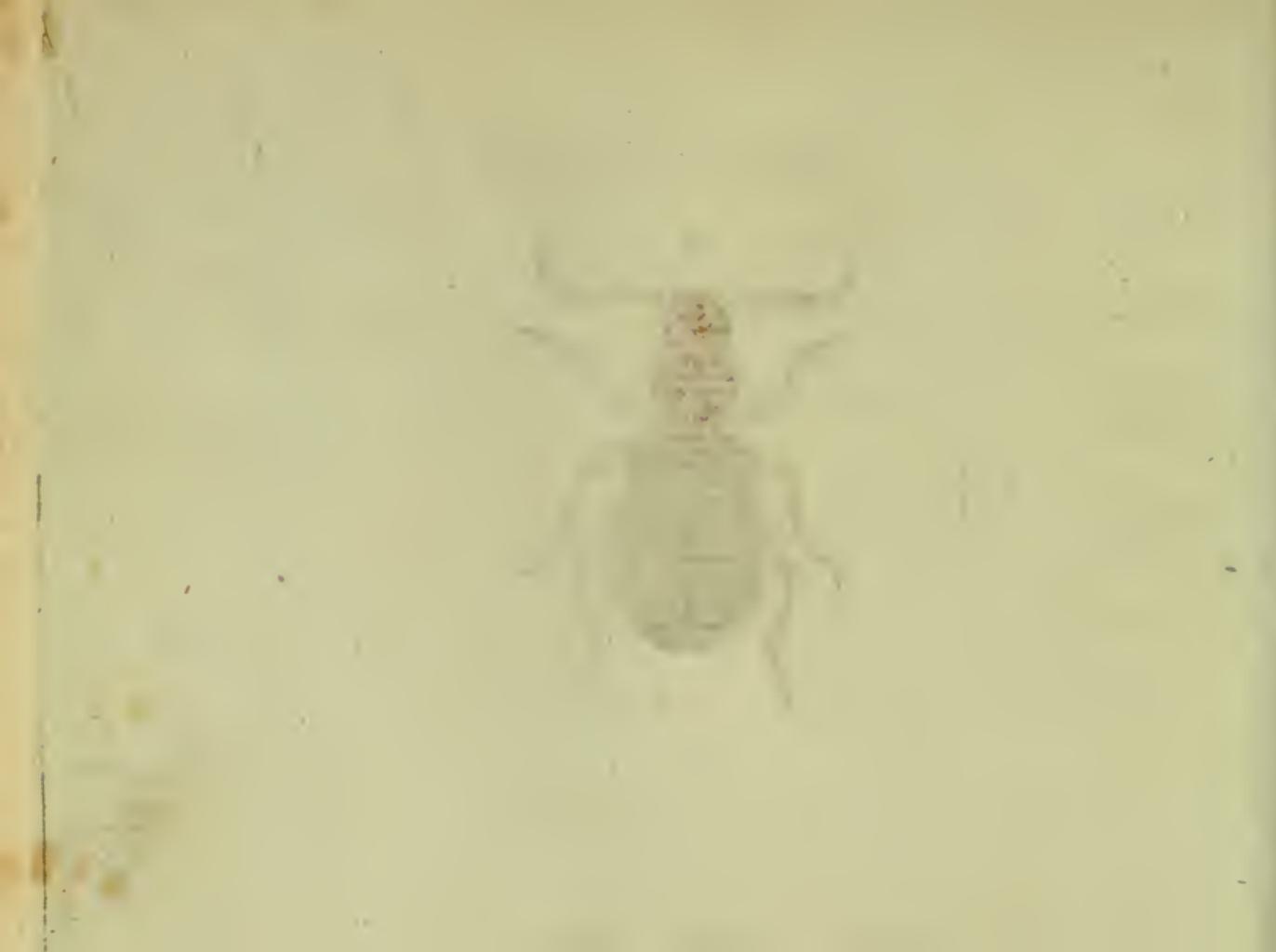
a Magnitudo naturalis. b Eadem aucta.

the same time, the author of the present paper has been engaged in a similar study of the *Leucostoma* genus, and has found that the species described by him, and those described by Mr. C. L. Hitchcock, are all closely related to each other, and to the species described by Mr. C. L. Hitchcock, and that they all belong to the same genus. The author of the present paper has also found that the species described by Mr. C. L. Hitchcock, and the species described by him, are all closely related to each other, and to the species described by Mr. C. L. Hitchcock, and that they all belong to the same genus.



*Carabus agilis* Fabr.

J. St. fee



CARABVS agilis.

Der schnellfüßiche 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. Svec.* n. 69. p. 150. a)

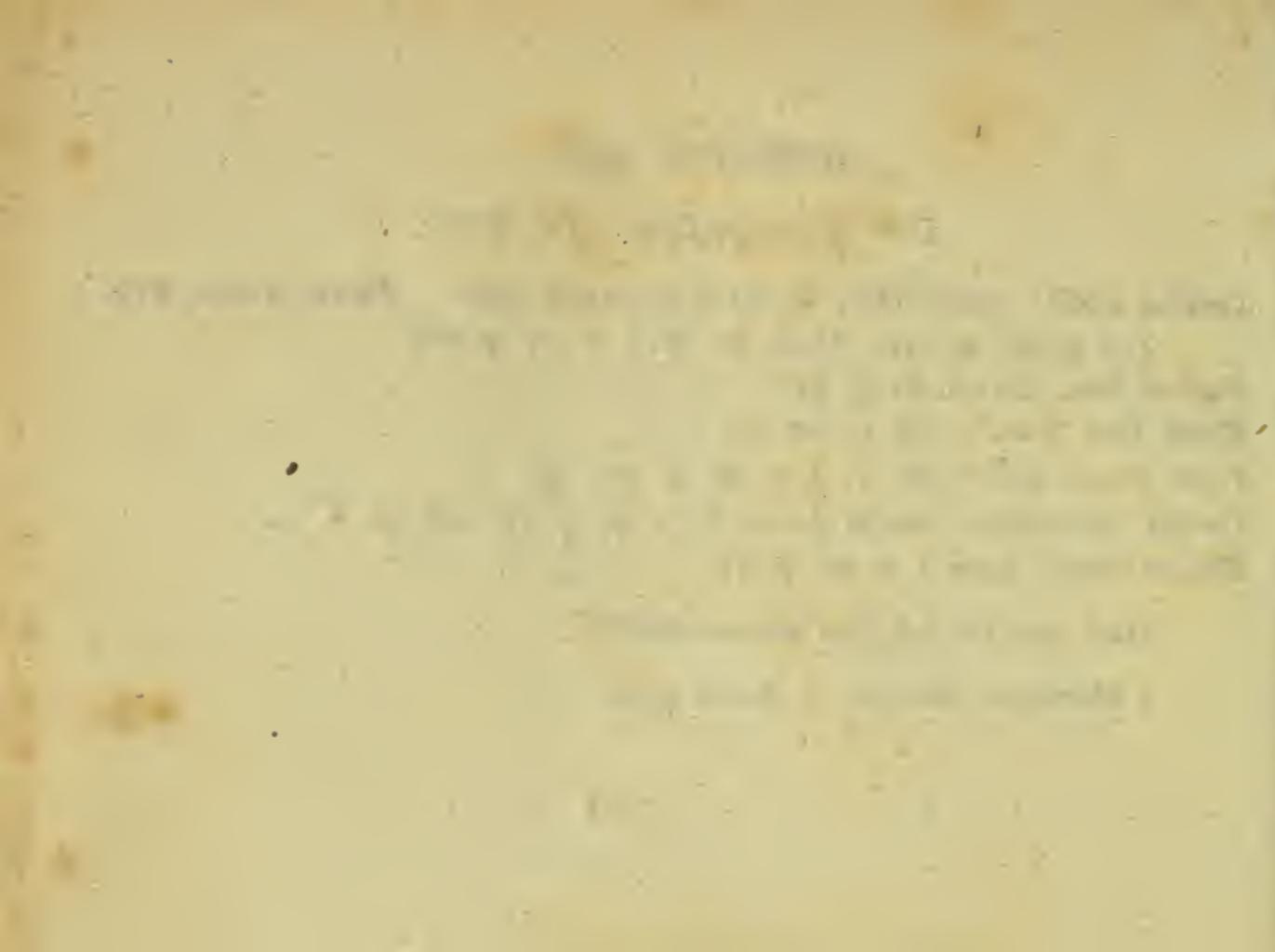
*Illiger Kugel. Käf. Preuß.* T. I. n. 88. p. 202. ♂)

*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.

and

and

and

and

and

and

CARABVS truncatellus.

Der kleine abgestumpfte Laufkäfer.

*Carabus truncatellus* : alatus supra obscure aenens, 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. Preus. T. I. n. 91. p. 206.

Habitat in apricis sabulosis.

a Magnitudo naturalis. b Eadem aucta.

July 22nd 1887

Wrote to Mr. F. C. Weller and

Dr. J. D. Ladd, asking them to help me to obtain a collection of material  
on the subject of the "old" and "new" species of *Leucostoma* and *Leucostoma*

*var.* *leucostoma* and *leucostoma* *var.* *leucostoma* and *leucostoma* *var.* *leucostoma*

and *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma*

and *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma*

and *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma*

and *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma*

and *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma*

and *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma*

and *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma*

and *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma*

and *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma*

and *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma* *var.* *leucostoma*



*Dermestes undatus* Fabr.

J. Q. J.



DERMESTES undatus.

Der wellenförmig gezeichnete Speckkäfer.

*Dermestes undatus*: oblongus niger, elytris fascia undata alba duplci. *Fabri*:

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. *En*,  
Suec. n. 410.

*Laibart.* 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.

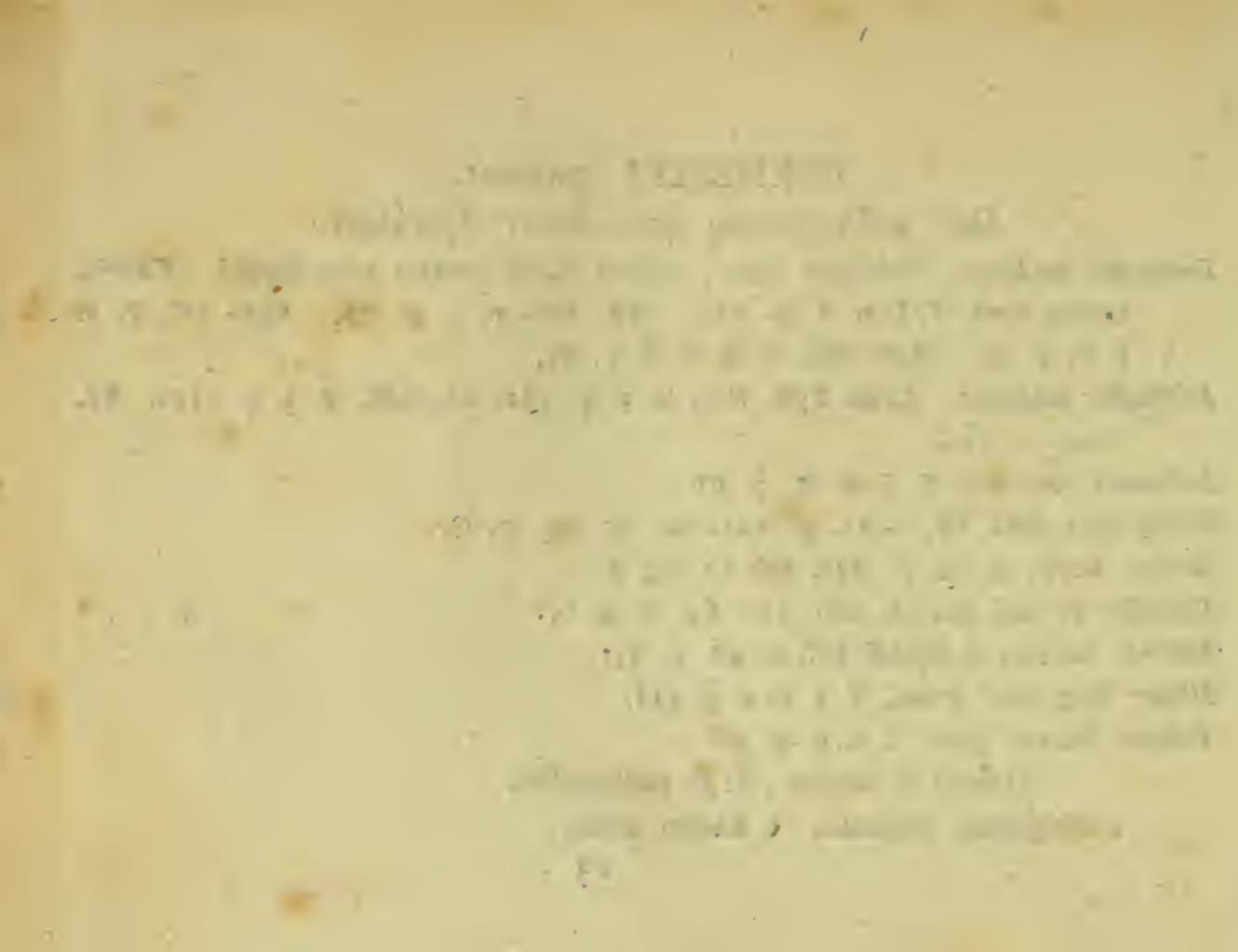
*Harrer* Beschr. d. Schäff. Inf. n. 46. p. 37.

*Illiger* Kug. Käf. Preuf. 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.





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.

annual 75000000

which made up about 15%

and that certain individuals were to be added. I need what is

75000000 or 80000000

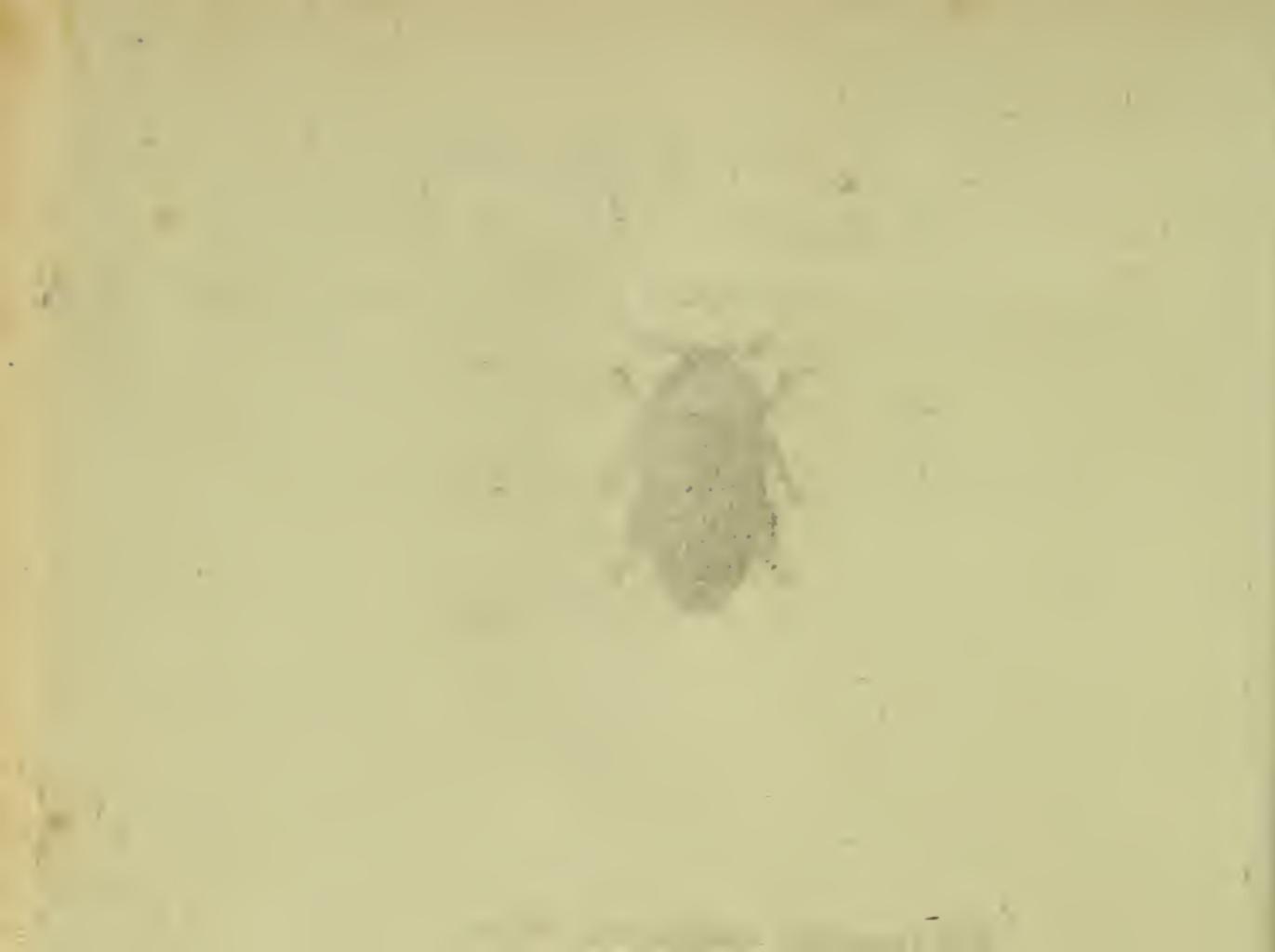
the sum of individual members.

With regard to our members



*Dermestes adstrictor* Heller.

St. f.



DERMESTES adstrictor.

Der unähnliche Speckkäfer.

*Dermestes adstrictor*: oblongo - ovalis brunneus pubescens, elytris punctato stria-  
tis. Illiger Kug. Preuf. 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.





*Silpha grossa* Fabr.

J. St. fec.



SILPHA grossa.

Der breitgeschildete Aaskäfer.

*Silpha grossa*: picea elytris punctatis: lineis elevatis tribus, thorace transverso 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. Preuf. T. I. n. 1. p. 375.

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

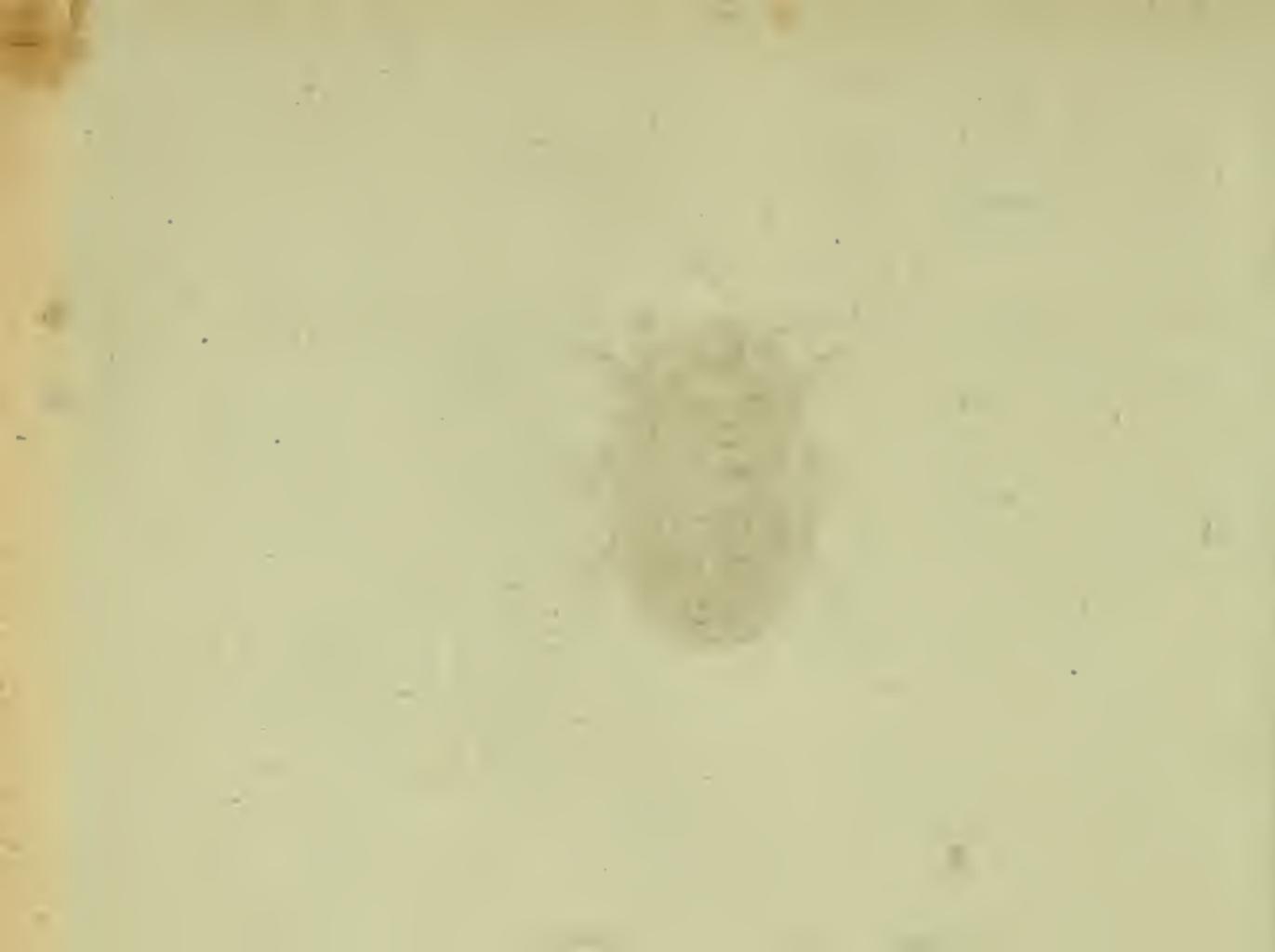
Sub Cortice arborum, raro.

the last few years, the number of people who have been born in the United States has increased so rapidly that it is now estimated that there will be over 300 million Americans by the year 2000. This means that the United States will be one of the most populous countries in the world.



*Silpha ferruginea Fabr.*

J. St. fec



SILPHA ferruginea.

Der rostfärige Aaskäfer.

*Silpha ferruginea*: ferruginea elytris lineis elevatis senis nigricantibus : margine ferrugineo. *Fabric. Entom. syst.* T. I. n. 21. p. 253. *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. 572, ed. XIII. n. 19. p. 1623. *Fa. Suec.* n. 458.

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

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

*Illiger Kugelan. Käf. Preus.* I. n. 2. p. 376.

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

Habitat sub corticibus arborum.

a Magnitudo naturalis. b Eadem aucta.

CHAPTER 10

THE POLYMERIZATIONS

synthetic polymers and their properties may be summarized as follows: (1) Acrylonitrile has been polymerized by the usual methods, giving a polymer with a glass temperature of 100° C. and a softening point of 108° C.; (2) Acrylic acid has been polymerized by the same methods, giving a polymer with a glass temperature of 100° C. and a softening point of 108° C.

The first two polymers have been found to be soluble in organic solvents such as benzene, carbon tetrachloride, and chloroform.

The third polymer has been found to be soluble in benzene, carbon tetrachloride,

chloroform, and acetone, and insoluble in benzene, carbon tetrachloride, and chloroform.

The fourth polymer has been found to be soluble in benzene, carbon tetrachloride, and chloroform, and insoluble in acetone.

The fifth polymer has been found to be soluble in benzene, carbon tetrachloride, and chloroform, and insoluble in acetone.

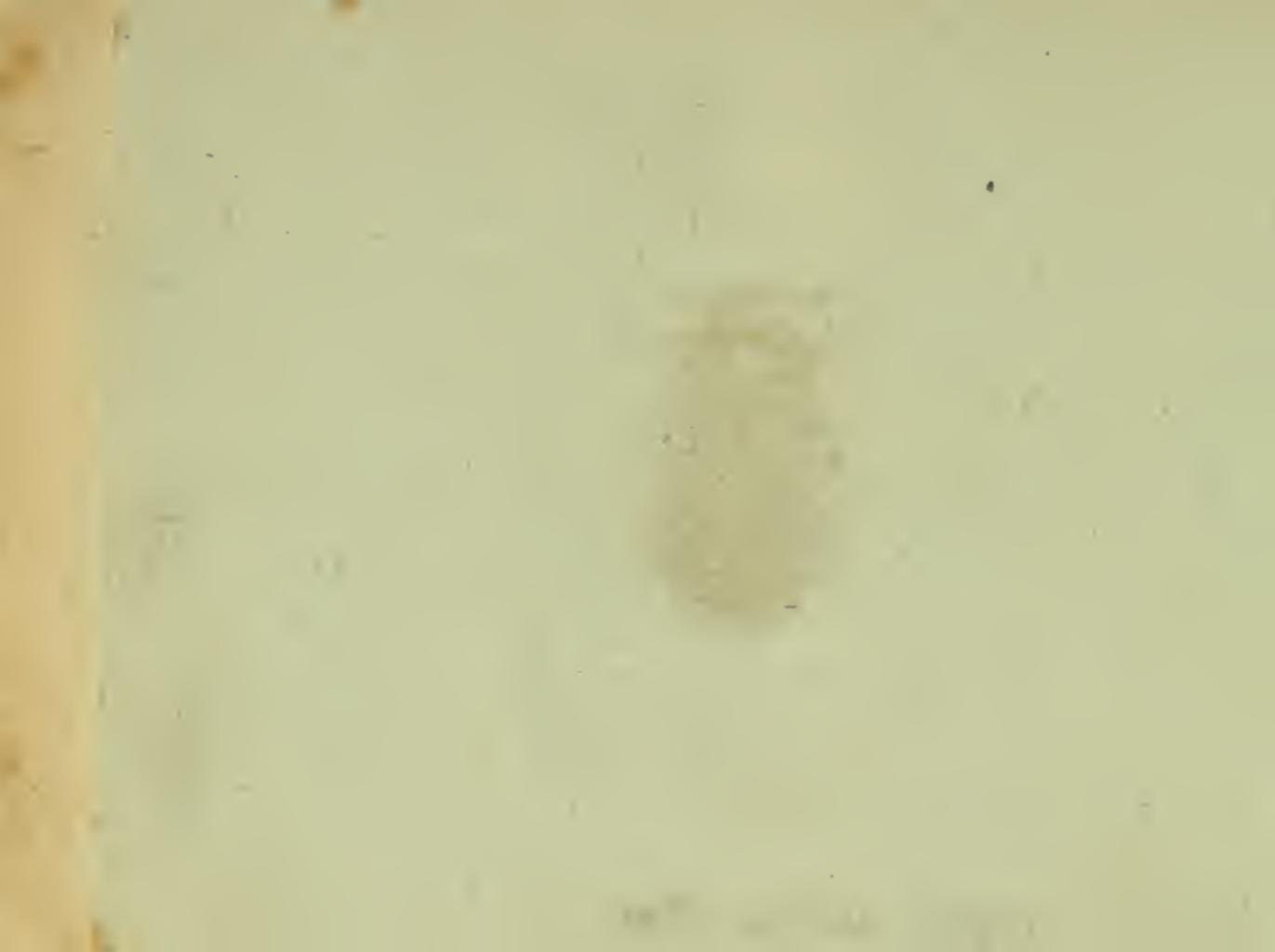
The sixth polymer has been found to be soluble in benzene, carbon tetrachloride, and chloroform, and insoluble in acetone.

*b*

*a*



*Silpha oblonga* Fabr.



SILPHA oblonga.

Der länglichste 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. Preus. T. I. n. 3. p. 377.

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

Habitat cum antecedenti.

a Magnitudo naturalis. b Eadem aucta.

1900-1901

THE 1900-1901  
SEASIDE

WINTER SEASIDE, 1900-1901, WITH THE HIGHLIGHTS OF THE  
1900-1901 SEASIDE. THE 1900-1901 SEASIDE IS A  
HIGHLIGHT OF THE 1900-1901 SEASIDE. THE 1900-1901 SEASIDE  
IS A HIGHLIGHT OF THE 1900-1901 SEASIDE.

THE 1900-1901  
SEASIDE

THE 1900-1901 SEASIDE IS A HIGHLIGHT OF THE 1900-1901 SEASIDE.  
THE 1900-1901 SEASIDE IS A HIGHLIGHT OF THE 1900-1901 SEASIDE.  
THE 1900-1901 SEASIDE IS A HIGHLIGHT OF THE 1900-1901 SEASIDE.

THE 1900-1901 SEASIDE

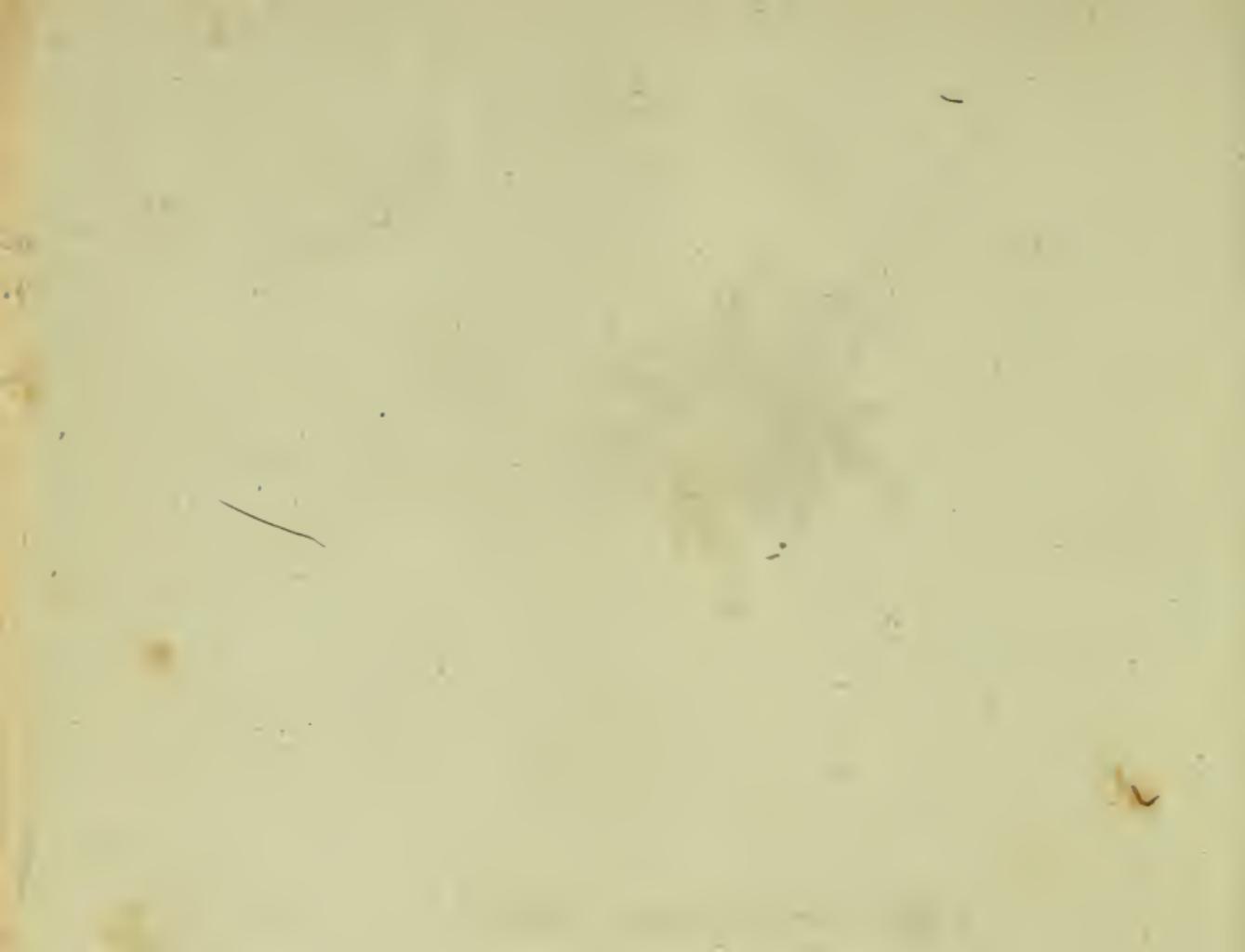
THE 1900-1901 SEASIDE IS A HIGHLIGHT OF THE 1900-1901 SEASIDE.

THE 1900-1901 SEASIDE



*Apis cricetorum* Nihi.

J. St. fec.



APIS ericetorum.

Die Heide - Biene. Die Heide - Hummel.

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

Habitat raro in ericetis. Legi autumno 1799.

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

முதலாவது - 200.

முதலாவது முதல் விதி கூட்டுரை  
கீழ்க்கண்ட பாடங்களை இல்லாத நிலையில் விதி  
ஏழாவது பாடத்தை எடுத்து விதியாக விடுவது

இது சுற்றுப்பாடு விதியாக விடுவது அல்லது விதியாக  
ஏழாவது பாடத்தை எடுத்து விதியாக விடுவது அல்லது விதியாக  
ஏழாவது பாடத்தை எடுத்து விதியாக விடுவது அல்லது விதியாக



*Apis frutetorum* Mihi.

J. St. fee.



APIS frutetorum.

Die Strauch-Biene. Die Strauchhummel.

*Apis frutetorum*: hirsuta nigra, thorace cineroscente fascia nigra: abdomine basi cinerascente, ano fulvo.

Habitat in frutetis. Legi autumno 1799.

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

1896.

1896.

1896.

1896.

1896.

1896.



*Apis saltuum* Miti.



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 fuscii. Alae apice hyalinae, nervis et venis fuscis.

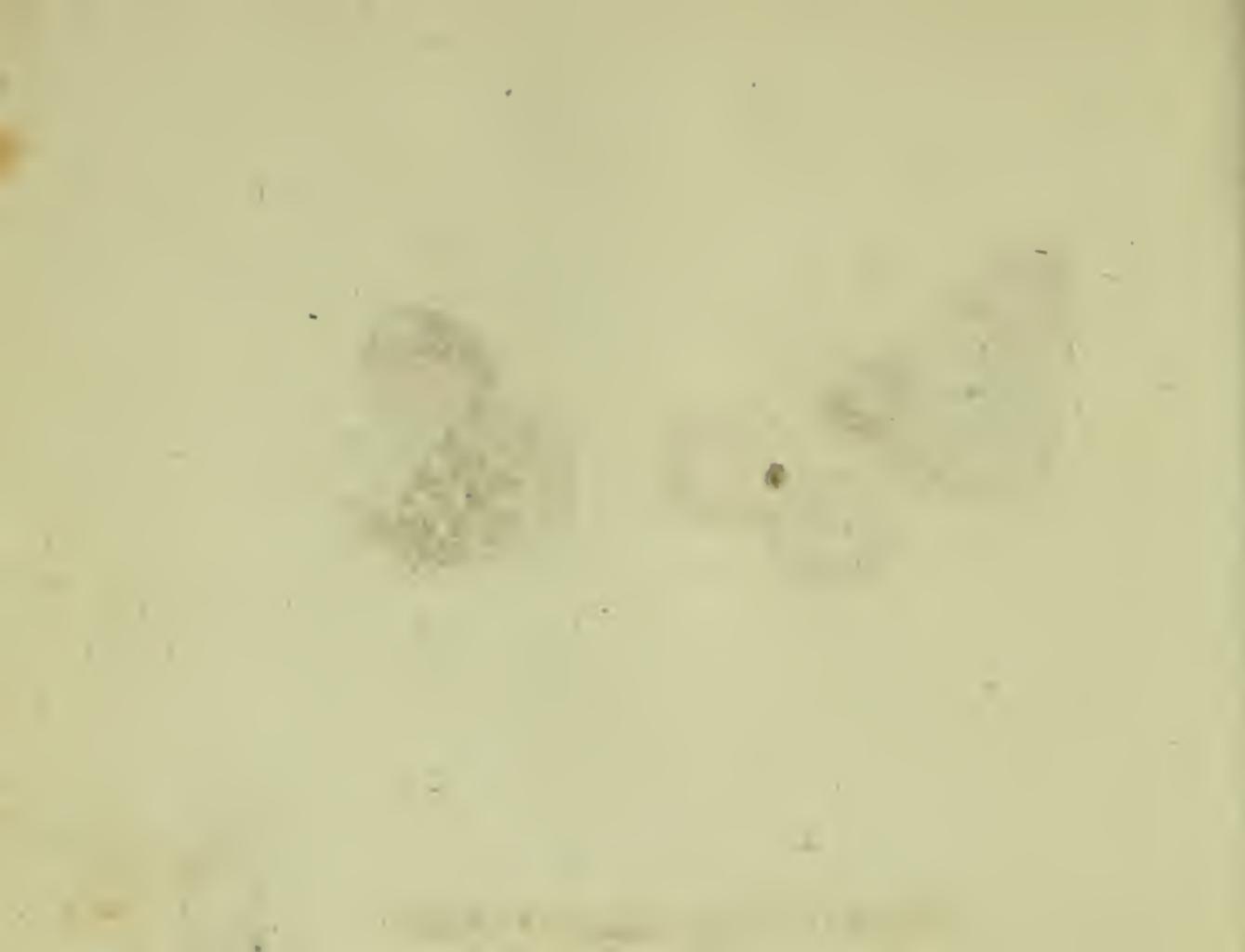
smooth, dark, and very glossy. Its  
upper sides usually have whitish spots, especially near the  
tail.

In the Gulf of California it is found mostly  
among the rocks of the coastal areas, and along the shores of  
the islands. It has also been seen in the marshes around the Gulf of California.  
It feeds on small fish, crustaceans, and other marine animals.



Papilio D. Cardamines Fabr.

J. St. fee.



PAPILIO Danaus Cardamines.

Der Bergkressfalter. Die Aurora. Der Auroraweissling. L'Aurore.  
Le Papillon persillé.

*Papilio Danaus Cardamines*: alis rotundatis integerimis albis: posticis subtus vi-  
ridi 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.

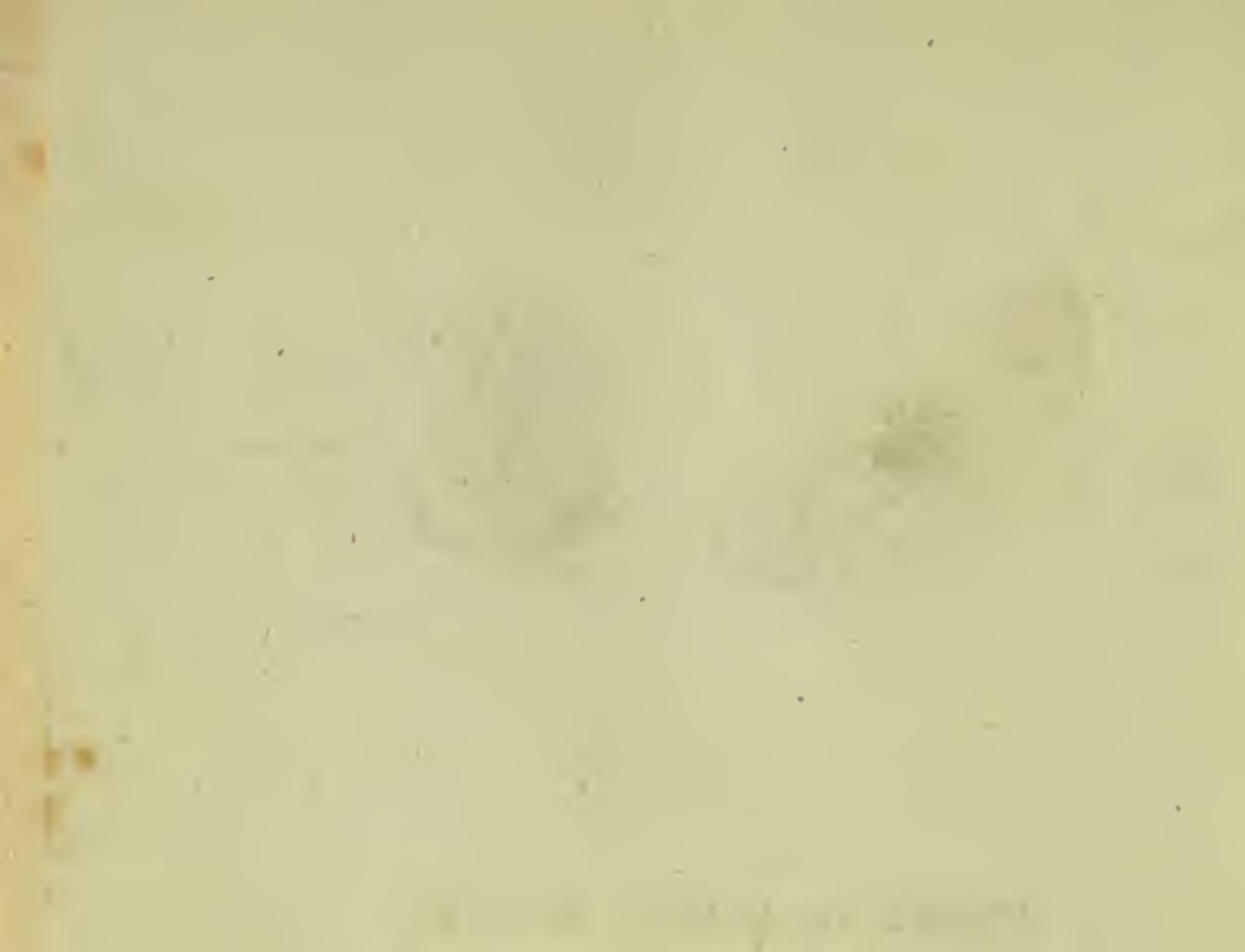
Eesper Eur. Schmett. T. I. tab. 4. fig. 1. tab. 27. fig. 3.

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 (*Cardamines spec.*) und andere. Der Falter selbst erscheint in den ersten warmen Frühlingstagen, und man sieht ihn fast den ganzen Sommer hindurch. Er liebt Wiesen, grasige Gärten, und gräsigte Plätze in den Wäldern.



Papilio D. Eupheno Mas Fabr:



PAPILIO Danaus Eupheno. Mas.

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

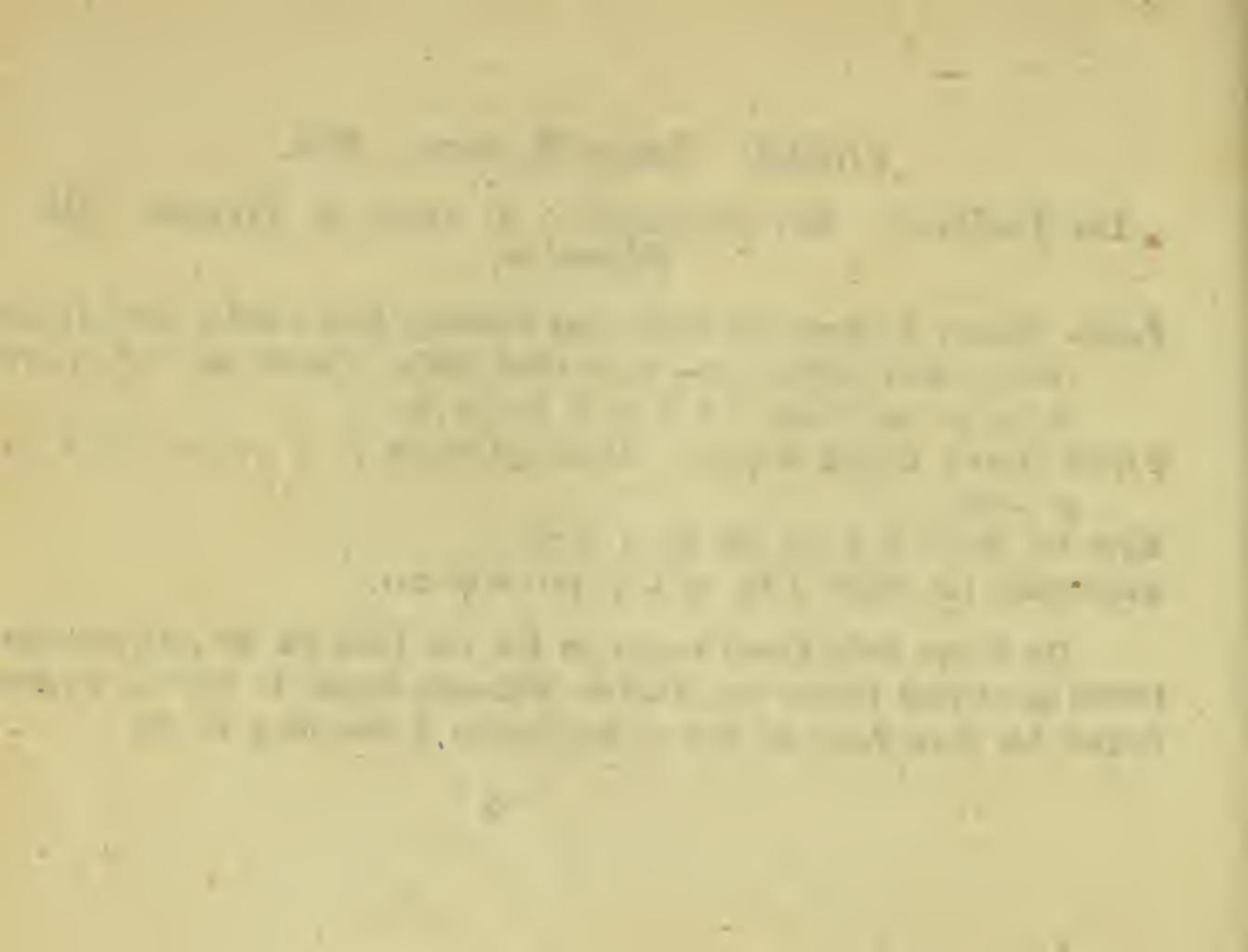
*Papilio Danaus Eupheno*: alis integerrimis rotundatis flavis: anticis apice (medio fulvis) nigris, posticis subtus strigis tribus fuscis. *Fabrlc. Ent. Syst. T. IV.*  
n. 644. p. 205. *Mant. Inf. T. II. n. 241. p. 23.*

*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.*

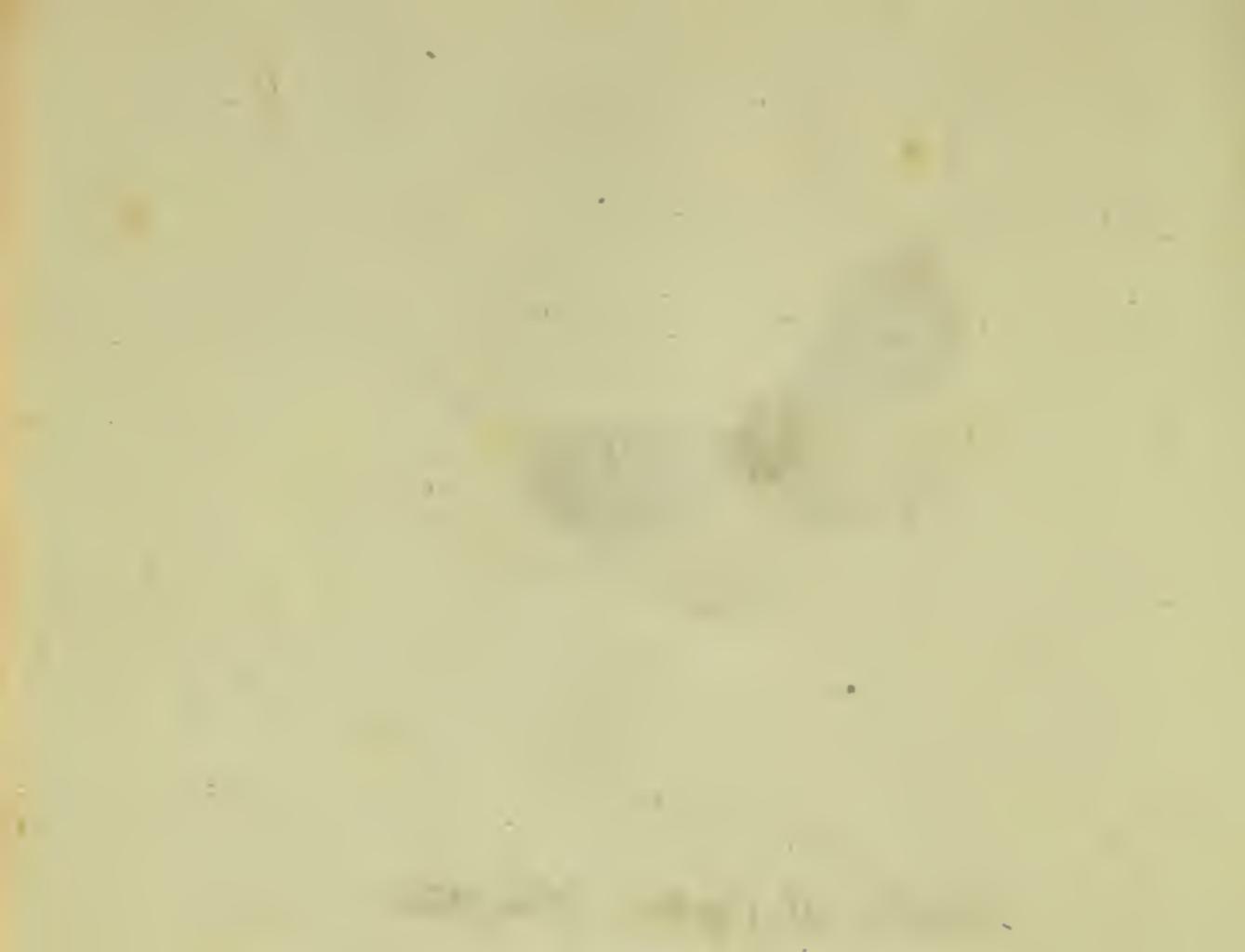
Die Raupe dieses Falters kommt an Bau und Farbe mit der, des vorhergehenden am nächsten überein. Sie ist auf der *Biscutella didyma L.* entdeckt worden. Flugzeit hat dieser Falter mit dem vorhergehenden Kressweisling überein.





Papilio D. Eupheo Fem. Fabr.

J. St. fee.



PAPILIO Danaus Eupheno Femina.

Der Dreistrich. Der Braunmond. Das Weibchen.

Papilio Dan. Eupheno. Espr. l. l. c. c.

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

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

Lebt und wehnt bey seinen Männchen.

2000 m. above sea level. (Himalaya)

July 1902. Lumbini. 2,000 m. above sea level.

Very pale yellowish white with yellow  
striped wings. Length about 10 mm.  
Flight rapid with rapid  
wings flapping very quickly and





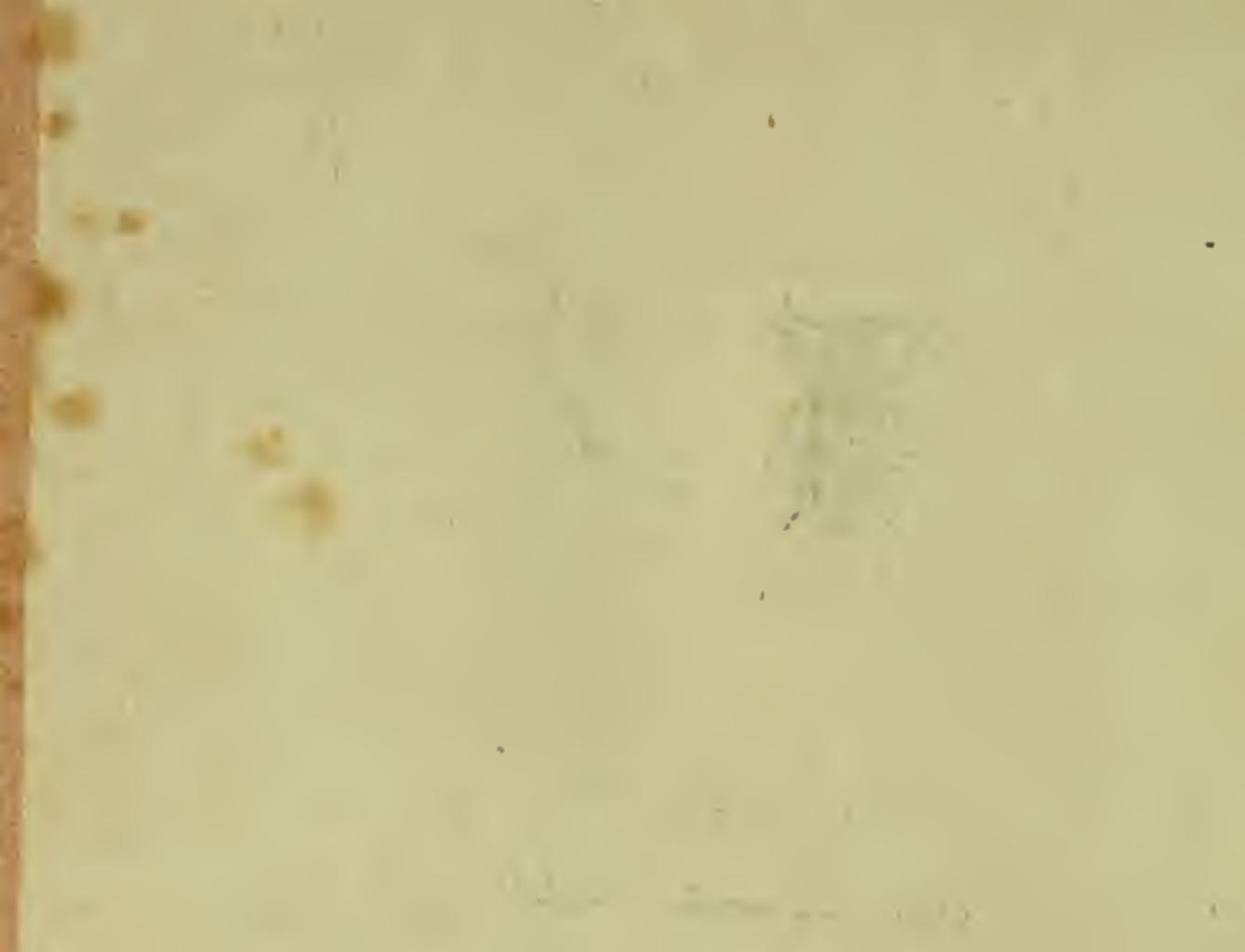
- Tab. I. Elater atomarius Fabric.  
— 2. Elater fasciatus Fabric.  
— 3. Elater varius Fabric.  
— 4. Elater lepidopterus Panzer.  
— 5. Elater taeniatus Panzer.  
— 6. Elater cruciatus Fabric.  
— 7. Elater crucifer Rossi.  
— 8. Elater pulchellus Fabric.  
— 9. Elater bimaculatus Fabric.  
— 10. Elater bipustulatus Fabric.  
— 11. Tenthredo Juniperi Foem. Fabric,  
— 12. Ichneumon urinator Fabric.  
— 13. Stephanus coronatus Jurine.  
— 14. Chalcis Abrotani Jurine.  
— 15. Sphecodes spirifex Fabric.  
— 16. Pompilus annularius Jurine.  
— 17. Pompilus octopunctatus Jurine.  
— 18. Larra ichneumonisiformis Fabric.  
— 19. Masaris apitornis Fabric.  
— 20. Mutila europaea Fabric.  
— 21. Papilio Nymph. Selene Fabric.  
— 22. Papilio Parnass. Crataegi Fabric.  
— 23. Papilio Saryrus Semele Fabric.  
— 24. Papilio Saryrus Cixia Fabric.





*Elater atomarius* Fabr.

J. St. fec.



ELATER atomarius.

Der weisbestäubte schwarze Springkäfer.

*Elater atomarius*: corpore atro : atomis numerosissimis albis. *Fabric.* Entom. syst.  
Suppl. 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, e  
Elaterum genere, sub *atomarii* nomine publicasse, quivis novit, hinc apud *Fabri-*  
*cium* l. c. delendus est ille *Elat. atomar.* *Linn.*

a Magnitudo naturalis. b Antenna ancta.

Sechs und siebenzigstes Heft.

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*Elater fasciatu* Fabr.

J. St fes,



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* in *Naturforsch. XXIV.* n. 45. p. 32, tab. I. fig. 46.  
— — *Entom. germ.* I. n. 9. p. 236.

Habitat in ligno.

August 2004

Widely spread odd

in the Intertidal Marsh, this was the most common marsh plant in Cape May, occurring in 9 of the 10 marshes. It was also found in 5 of the 10 salt marshes, and in 1 of the 10 freshwater swamps. It was found in 1 of the 10 freshwater swamps, and in 1 of the 10 freshwater swamps.

The following table summarizes the distribution of the 10 species in the 10 marshes.

Marsh species



*Elater varius* Fabr.

J. H. f.



ELATER varius.

Der buntschuppiche Springkäfer.

*Elater varius*: niger thoracis margine elytrorumque basi fasciaque postica villosa  
flavescens, *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.

July 17, 1948

Ward 100

Under pressure from the National Government, the military council  
has agreed to let the members of their associations

to register under the name of their associations  
and not under the name of their original groups

as required

Long awaited decision making



*Elater lepidopterus* Niki.

J. St. fec.



ELATER lepidopterus.

Der goldschuppichte Springkäfer.

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

Lectus scmel Beiolini in muro, mens. Jun. 1798. a Dom. Funck Pharmacop. Ghresensi — Baruth. qui etiandem benevoli mecum communicavit.

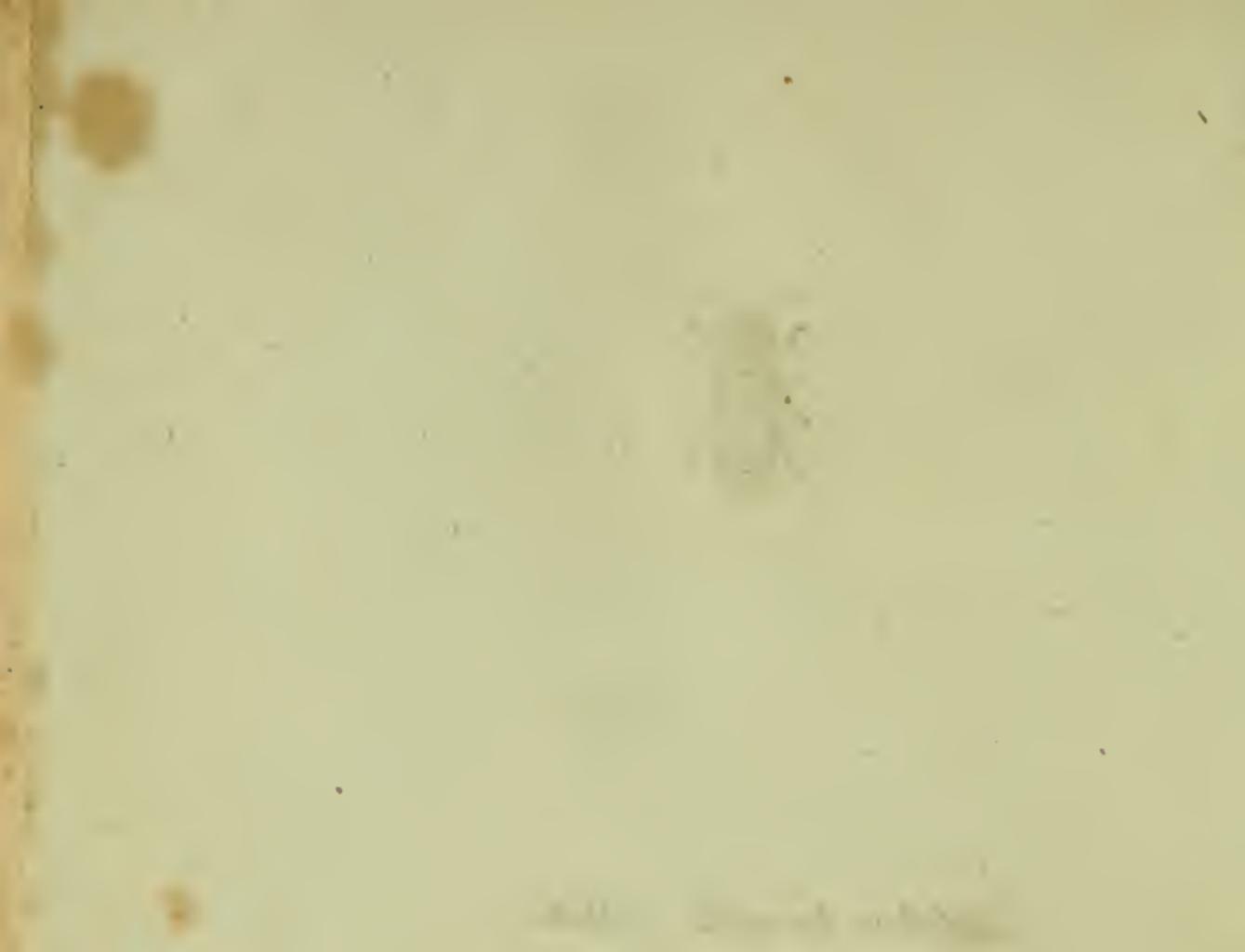
Statura, hatius *Elat. var. F.* est maior et distinctus. Corpus subitus atrum, punctis vagis plurimis impressis, atomis squamosis numerosis aurulentis. Caput atrum fronte canaliculata. Antennae fuscae obtuso ferratae pubescentes. Thorax fuscus medio canaliculatus, utrinque puncto impresso. Elytra obscure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

a Magnitudo naturalis. b Eadem aucta.





*Elater taeniata* Mihu.



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 trunko putrido montis piniferi in Franconia a Dom. Funk.

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

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

## The Impact of Information Technology on Corporate Governance

Corporate governance refers to the system of rules, practices, and processes by which a company is directed and controlled. It includes the relationships among the board of directors, management, and shareholders.

Information technology has been identified as one of the most important factors in corporate governance. In many ways, IT can help to enhance the effectiveness of corporate governance by providing better communication and coordination among different stakeholders.

For example, IT can facilitate the flow of information between the board of directors and management, making it easier for directors to stay informed about the company's performance and operations. It can also facilitate the monitoring and evaluation of management's performance, through the use of performance management systems. In addition, IT can facilitate the implementation of corporate governance best practices, such as disclosure and transparency, through the use of electronic reporting systems. Overall, IT can help to improve the efficiency and effectiveness of corporate governance, leading to better corporate performance and shareholder value.



*Elater cruciatus* Fabr.



ELATER cruciatus.

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

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

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

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

Sulzer abgek. Gesch. d. Ins. 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.

the following day, and the next morning he was again at work, though it was not until about 10 A.M. that he could get away from his employer. He had been working at the same place for about two weeks, and had been paid only \$15.00. He had no money, and had to go to the hotel where he was staying to get a meal. He had been working at the same place for about two weeks, and had been paid only \$15.00. He had no money, and had to go to the hotel where he was staying to get a meal. He had been working at the same place for about two weeks, and had been paid only \$15.00. He had no money, and had to go to the hotel where he was staying to get a meal.



*Elater crucifer* Roffi.



ELATER crucifer.

Der kleine Kreuz- Springkäfer.

*Elater crucifer*: thorace testaceo linea dorsali nigra, elytris concoloribus, cruce, marginaque nigris. *Rössi* 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 iuventus est maior lineis duabus. *Rössi* l. c.

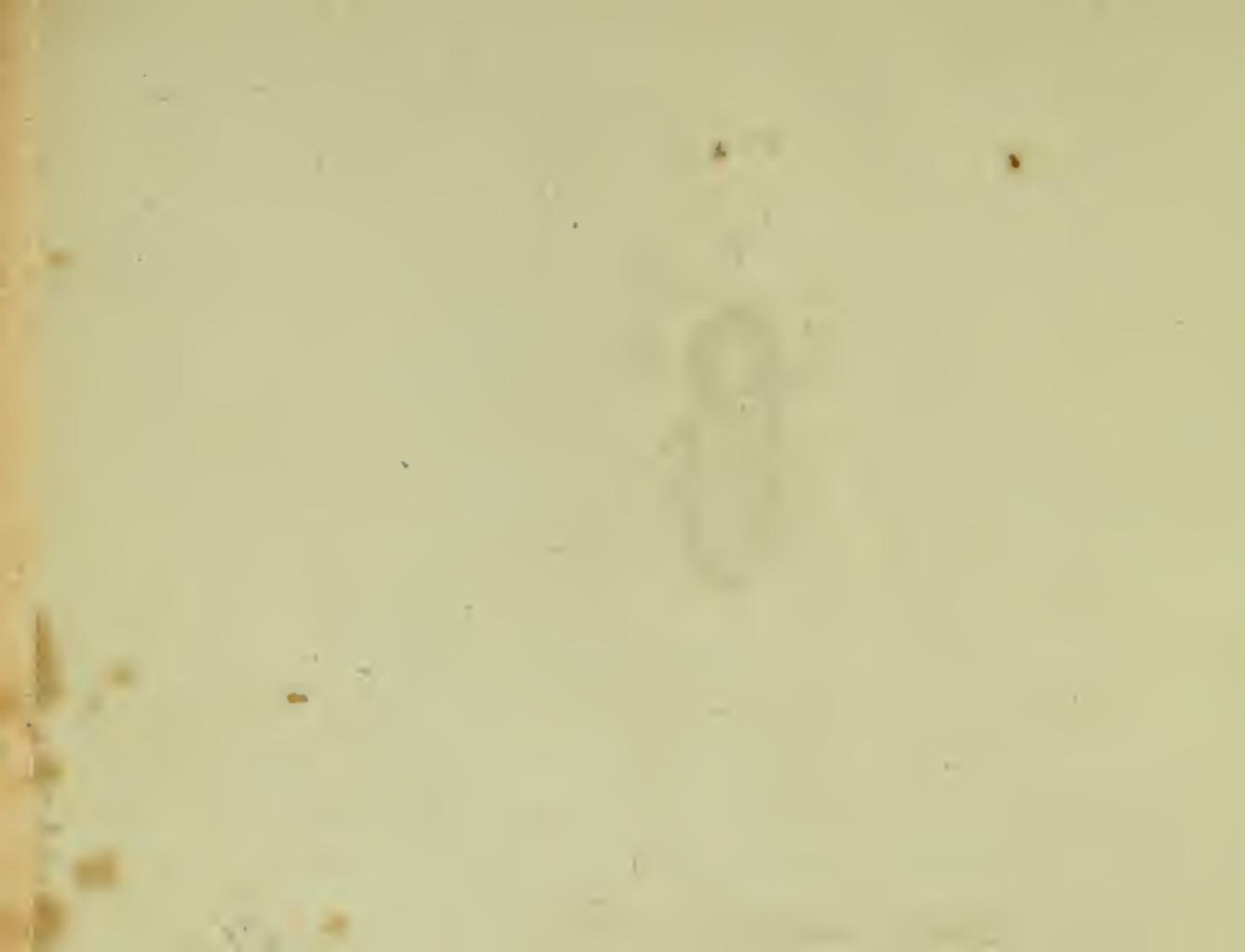
a Magnitudo naturalis. b Eadem aucta.

the first part of the  
first chapter -  
and the second part of the  
second chapter -  
and the third part of the  
third chapter -  
and the fourth part of the  
fourth chapter -  
and the fifth part of the  
fifth chapter -  
and the sixth part of the  
sixth chapter -  
and the seventh part of the  
seventh chapter -  
and the eighth part of the  
eighth chapter -  
and the ninth part of the  
ninth chapter -  
and the tenth part of the  
tenth chapter -



*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 sig. naturarum.

a Magnitudo naturalis. b Eadem aucta.

and the other, which is the more important, is the one which  
is the result of the action of the brain. The brain is the organ  
of the body which is most closely associated with the mind.  
The brain is the organ of the body which is most closely associated with the mind.

The brain is the organ of the body which is most closely associated with the mind. The brain is the organ of the body which is most closely associated with the mind.

The brain is the organ of the body which is most closely associated with the mind. The brain is the organ of the body which is most closely associated with the mind.

The brain is the organ of the body which is most closely associated with the mind. The brain is the organ of the body which is most closely associated with the mind.



*Elater bimaculatus* Fabr.

J. St. f.



60

**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.

Washington 27/7/13

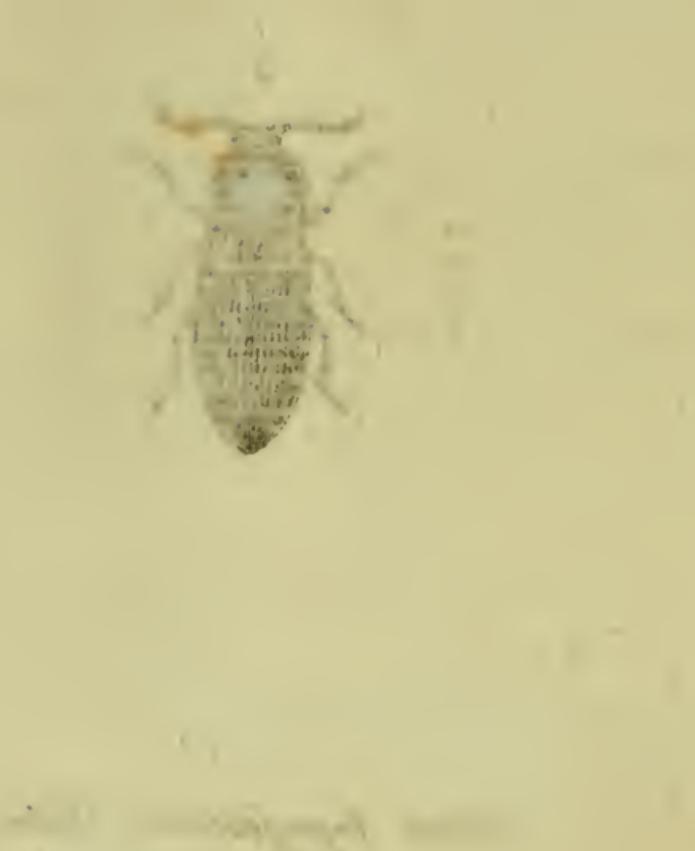
Afternoon 27/7/13

Wet day. Very cold night and very frosty. Considered really  
winter weather. Wind blowing from the south east  
at 40 m.s.h. App. 9.3°C. and wind chill  
wind chill factor equal to -10. Many hours of constant  
rain with a few short showers.

Very cold night, low clouds



*Elater bipustulatus* Fabr.



ELATER bipustulatus.

Der zweyblätterigte Springkäfer. Le Taupin noir à taches rouges. Geöffr.

*Elater bipustulatus*: ater nitidus elytris puncto baseos rubro. Fabric. Ent. syst. T. II. n. 88. p. 235. Syst. Ent. n. 36. p. 215. Spec. Ins. T. I. n. 47. p. 273. Mant. Ins. T. I. n. 59. p. 175.

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

Geöffr. Ins. 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.

1000. They will come well off in shooting up and down  
the hill. I am very anxious to have you get some  
of the old birds. I am sending you a copy of  
my "Birds of the Adirondack Mts." which  
will give you all the information you want.  
I am sending you a copy of my "Birds of the  
Adirondack Mts." which will give you all the information you want.  
I am sending you a copy of my "Birds of the  
Adirondack Mts." which will give you all the information you want.



Tenthredo Juniperi Faem. Fabr.

51



TENTHREDO<sup>7</sup> 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. Ins. T. I. n. 16. p. 409. Mant. Ins. T. I. n. 17. p. 254.

*Tenthredo Juniperi*. Linn. Syst. Nat. n. 15. p. 923. ed. XIII. n. 15. p. 2657. Fn. Suec. n. 154!<sup>b</sup>

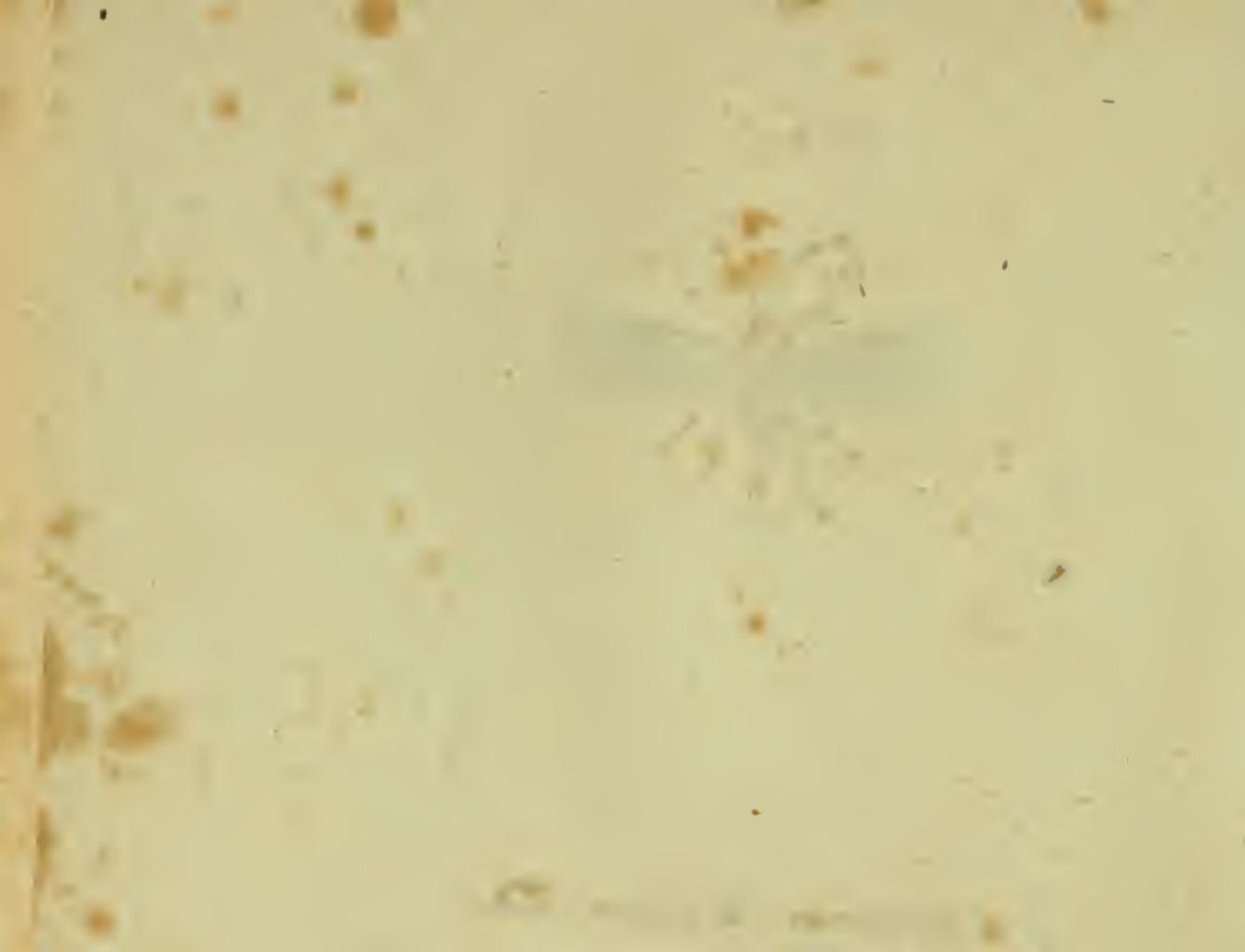
Habitat in Juniperetis, raro. Nullibi descripta et delineata videtur. Ad picturam amicissimi Firine, quam ipse ad hunc finem benevole mecum communicavit, haec tabula excusa est.

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

the same time, the *lungs* were examined by Mr. J. W. Dugdale,  
and the *liver* by Dr. G. L. Thompson, who found no  
abnormalities. The *liver* was *normal* in size, and  
had a *normal* consistence, and a *normal* colour.  
The *lungs* were *normal* in size, and had a *normal* consistence,  
but were *slightly* *yellowish* in colour. There was no  
swelling of the *lymphatic glands*, and the *skin* was  
not *swollen* or *reddened*. The *urine* contained no  
*albumin*, and the *stool* contained no *blood*.



*Ichneumon urinator* Fabr.



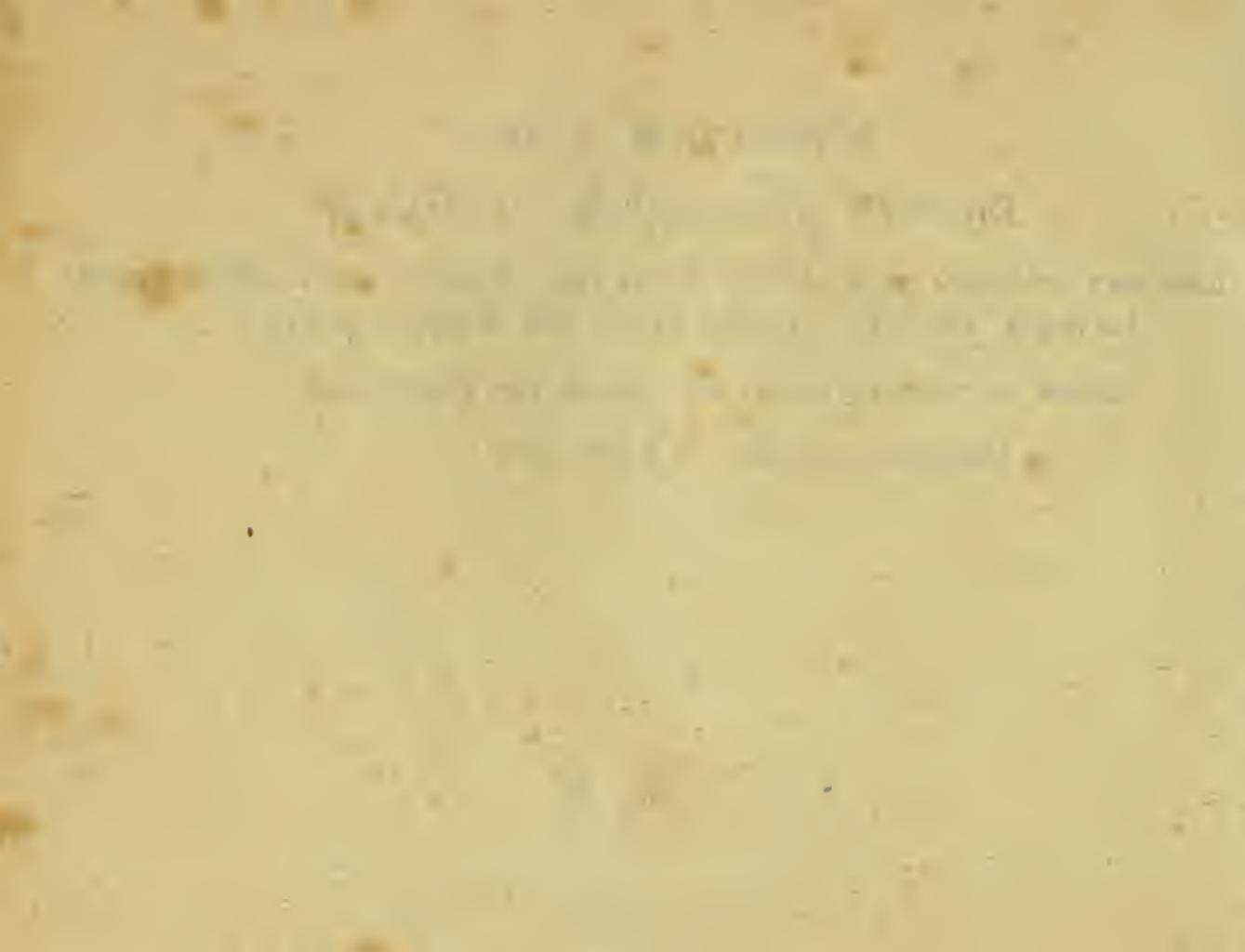
ICHNEVMON urinator.

Die rothe schwarzgefleckte Schlupfwespe.

*Icbneumon urinator*: niger thorace antice rufo, abdomine rufo: maculis dorsali-  
bus nigris, alis fuscis. *Fabric. Entom. syst. Supplem.* p. 224.

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

a Magnitudo naturalis. b Eadem aucta.





*Stephanus coronatus* Turine.



STEPHIANVS coronatus.

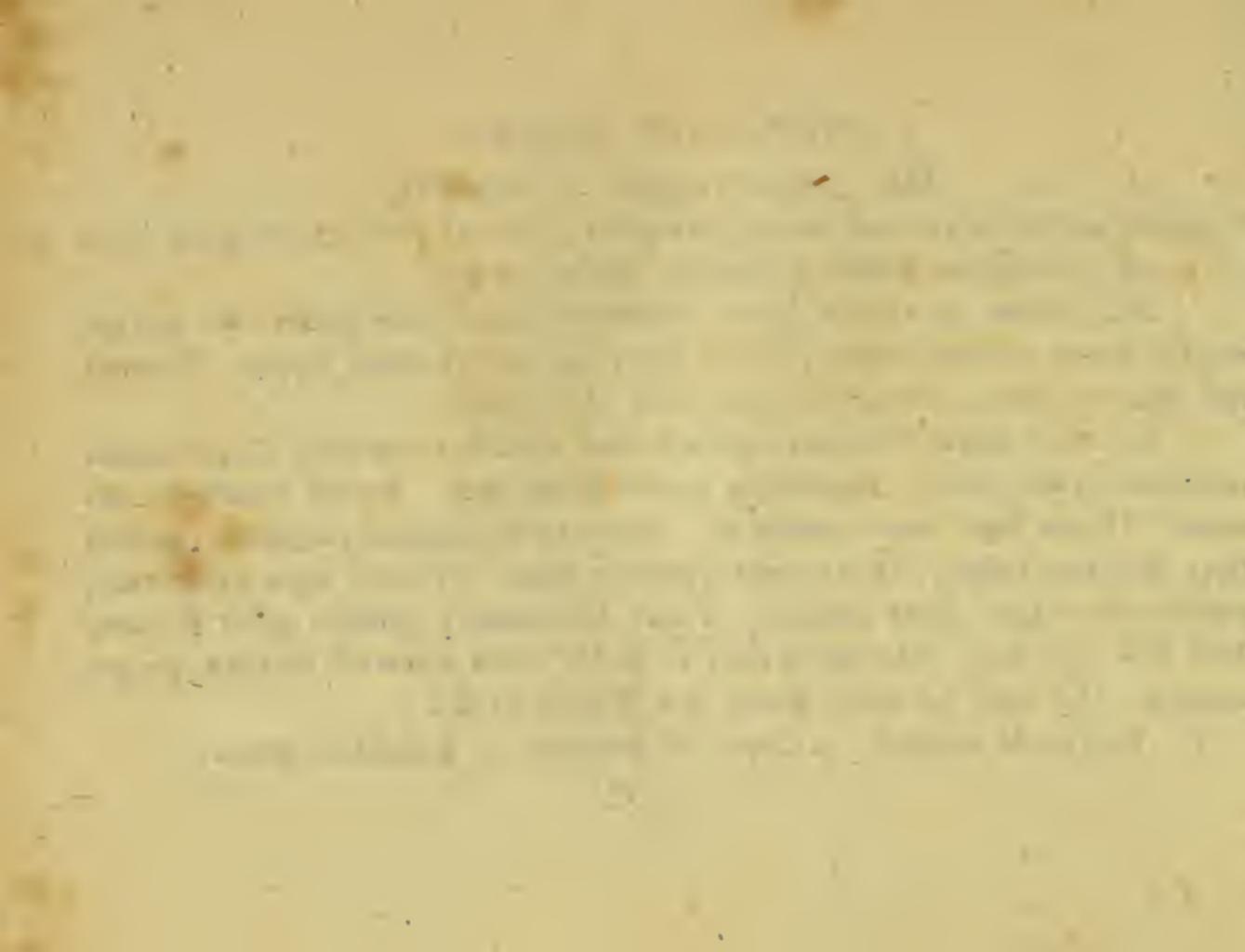
Die stachelkronigte Schlupfwespe.

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

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 artificioccissima amicissimi Viri debo.

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 fusti 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.

J. St. sc



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.



SPIHEX spirifex.

*Die Wendel - Afterwespe.*

*Spbex spirifex*: ater thorace hirto immaculato, petiolo inarticulato flavo longitudine abdominis. *Fabric.* Entom. Syst. T. III. n. 24. p. 204. Syst. Ent. n. II. p. 347. Spec. Inf. T. I. n. 15. p. 445. Mant. Inf. T. I. n. 20. p. 275.

*Spbex Spirifex*. *Linn.* Syst. Nat. n. 9. p. 942. ed. XIII. n. 9. p. 2726.

*Reaum.* 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. 23. fig. A.

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

Habitat in cylindris terreis spiralibus sub tectis, frequentans flores umbellatos. Dn. *Jurine* pinxit.

a Antenna aucta.

of the 2000 individuals, approximately 1000 have no significant  
genetic load above the 20% point, while another 500 have a  
genetic load of 20% or more, and a third 500 have a genetic load  
of 30% or more. In this group of individuals, the average genetic  
load is 15.5% and the standard deviation is 4.5%. The remaining  
1000 individuals have a genetic load below 20%, and the average  
genetic load is 10.5% and the standard deviation is 3.5%. The  
genetic load of the 2000 individuals is distributed in such a  
manner that the distribution is roughly bell-shaped, with the  
highest frequency occurring at a genetic load of 15.5%.

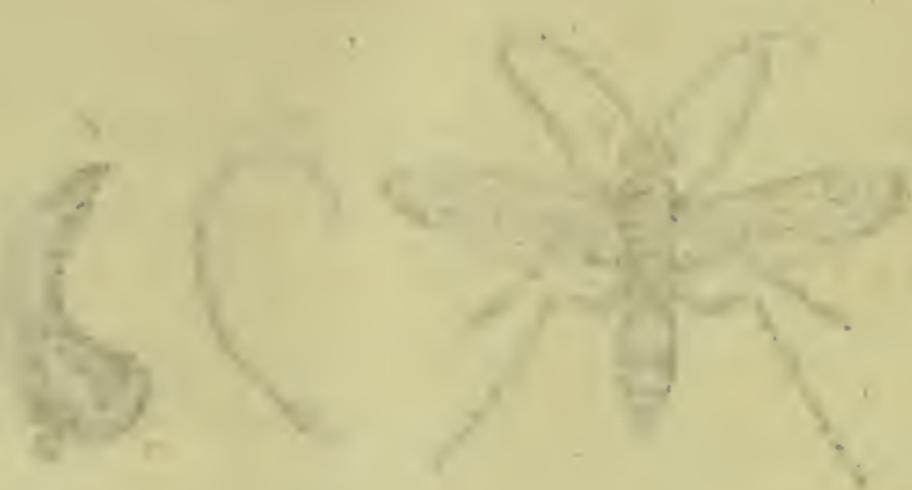
The distribution of the genetic load of the 2000 individuals is roughly bell-shaped, with the highest frequency occurring at a genetic load of 15.5%.

The distribution of the genetic load of the 2000 individuals is roughly bell-shaped, with the highest frequency occurring at a genetic load of 15.5%.



Pompilus annulatus Jurine.

J. S. G. de



— 10 —

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. Suppl. p. 245.

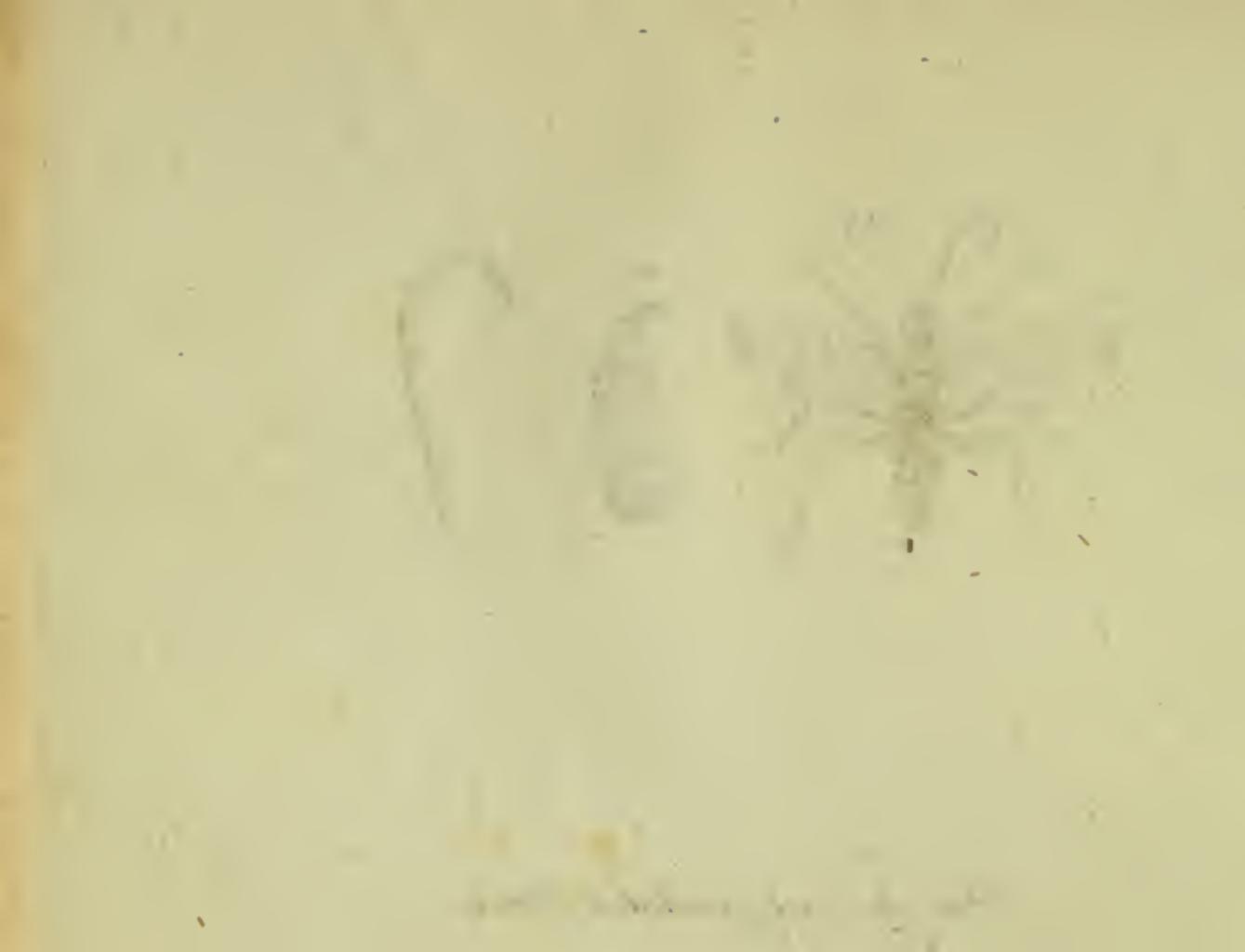
Dn. *Jurine* ad Pompilos hanc Sphegem retulit, huiusque picturam communicavit.

a Antenna aucta. b Mandibula aucta.

and I am very sorry to say that we have  
not yet got any news from you. I have written  
to you twice and have not yet had any  
answer. I hope you will write again soon.  
I have not yet got any news from you. I have written  
to you twice and have not yet had any  
answer. I hope you will write again soon.  
I have not yet got any news from you. I have written  
to you twice and have not yet had any  
answer. I hope you will write again soon.



*Pompilus octopunctatus* Jurine.



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 dupli, quam Dn. Jurine ipso consensu naturae ad *Pompil.* retulit, cuius effigies ad picturam Dn. Jurine sculpta est.

a Mandibula. b Antenna, aucta.

Writing to the nation

about the situation with

country's other major oil companies, and the simple  
fact that they are not part of the same group of companies.

It is a very difficult task to make sure that everything is  
done in the best interests of the country and its people.

With the help of the oil companies, we can work together  
to ensure that our country remains strong and pro-

gressive for the future.

With your support, we can



*Larra ichneumoniformis* Fabr.



LARRA ichneumoniformis.

Die Schlupfwespenartige Prunkwespe.

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

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

Segmentum primum secundumque abdominis utrinque macula alba distincta.

— *Leucostoma* — *L. pallidum*

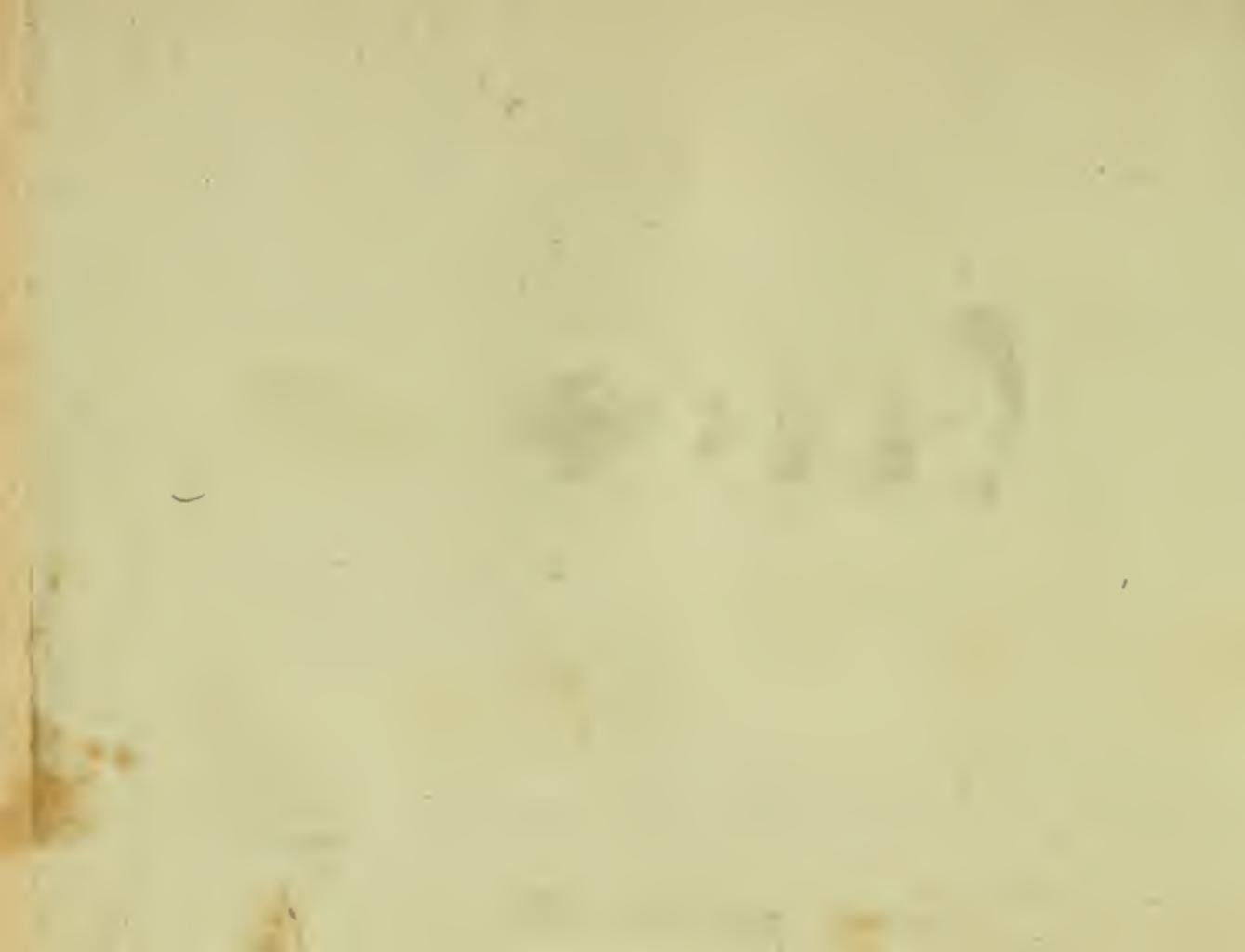
— *Leucostoma* — *L. pallidum*

— *Leucostoma* — *L. pallidum* — *L. pallidum*

— *Leucostoma* — *L. pallidum* — *L. pallidum*



*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 anatomie inque hanc eximiam benigne suppeditavit.

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

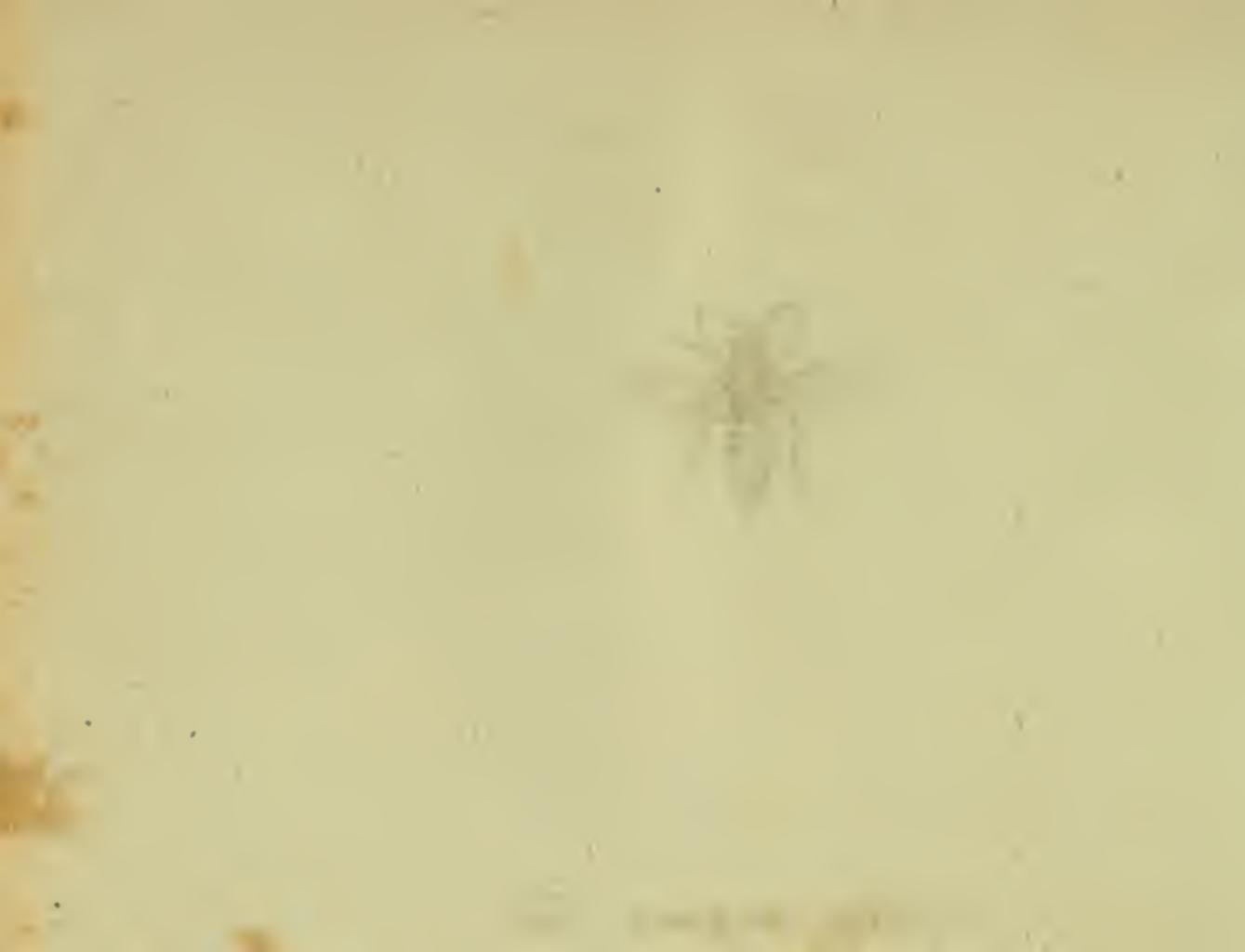
10-11-19

10-11-19

10-11-19  
The weather is still very warm and humid. The sun is still very strong and bright. The air is still very dry and dusty. The ground is still very dry and cracked. The trees are still very tall and leafy. The flowers are still very colorful and fragrant. The birds are still very active and chirping. The insects are still very busy and flying around. The water is still very clear and blue. The sky is still very blue and clear. The clouds are still very white and fluffy. The sun is still very bright and shiny. The stars are still very visible and twinkling. The moon is still very bright and full. The clouds are still very white and fluffy. The sun is still very bright and shiny. The stars are still very visible and twinkling. The moon is still very bright and full.



*Mutilla europaea* Fabr.



MVTILLA europaea.

Die europäische Mutille.

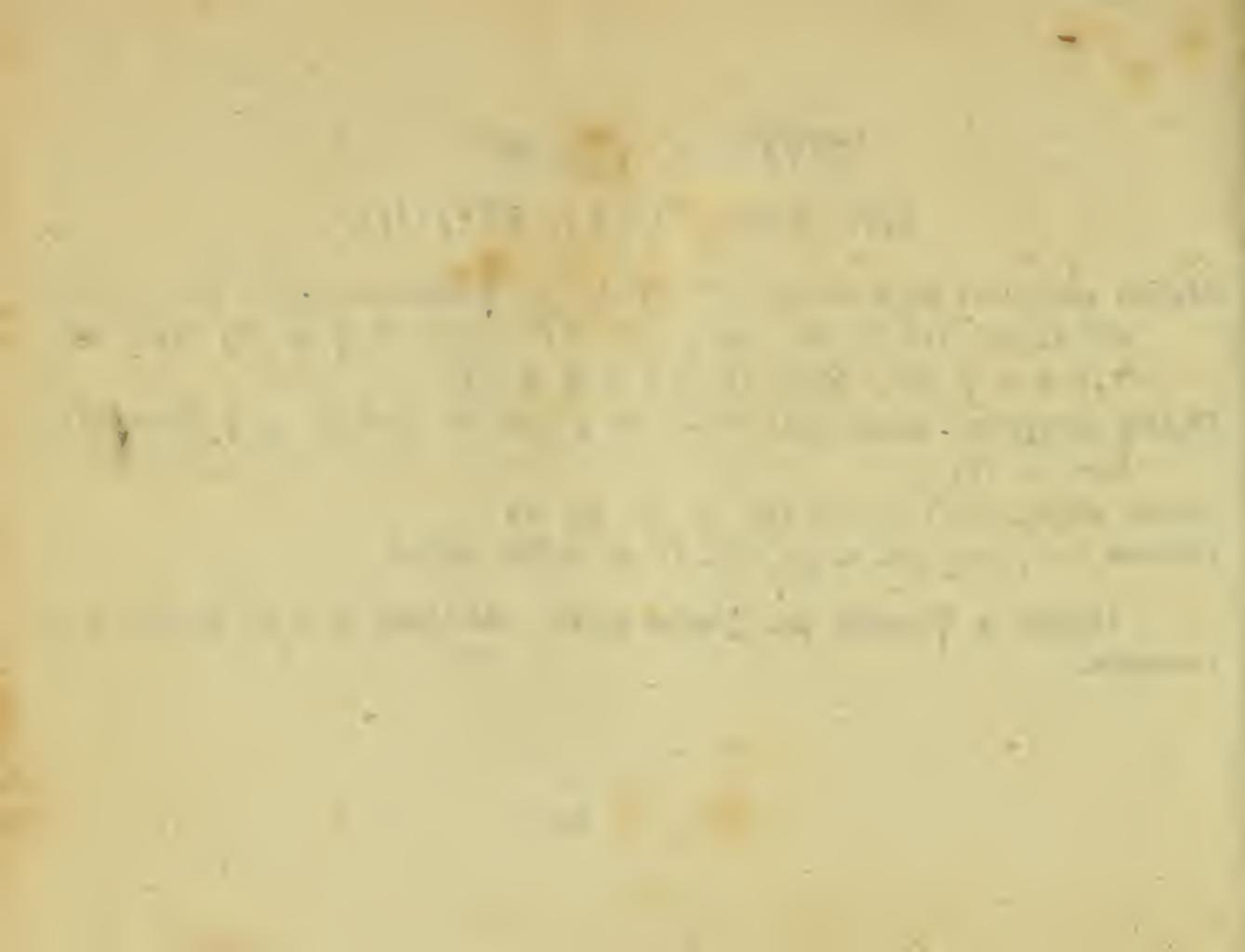
*Mutilla europaea*: nigra thorace rufo, abdominis segmentis margine albo. *Fabric.* Entom. syst. T. III. n. 9. p. 368. *Syst. Entom.* n. 7. p. 397. *Spec. Inf.* T. I. n. 7. p. 495. *Mant. Inf.* T. I. n. 8 p. 312.

*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.

*Vddman.* nov. spec. *Inf.* n. 98. tab. 17. ed. nostr. *aptera*.

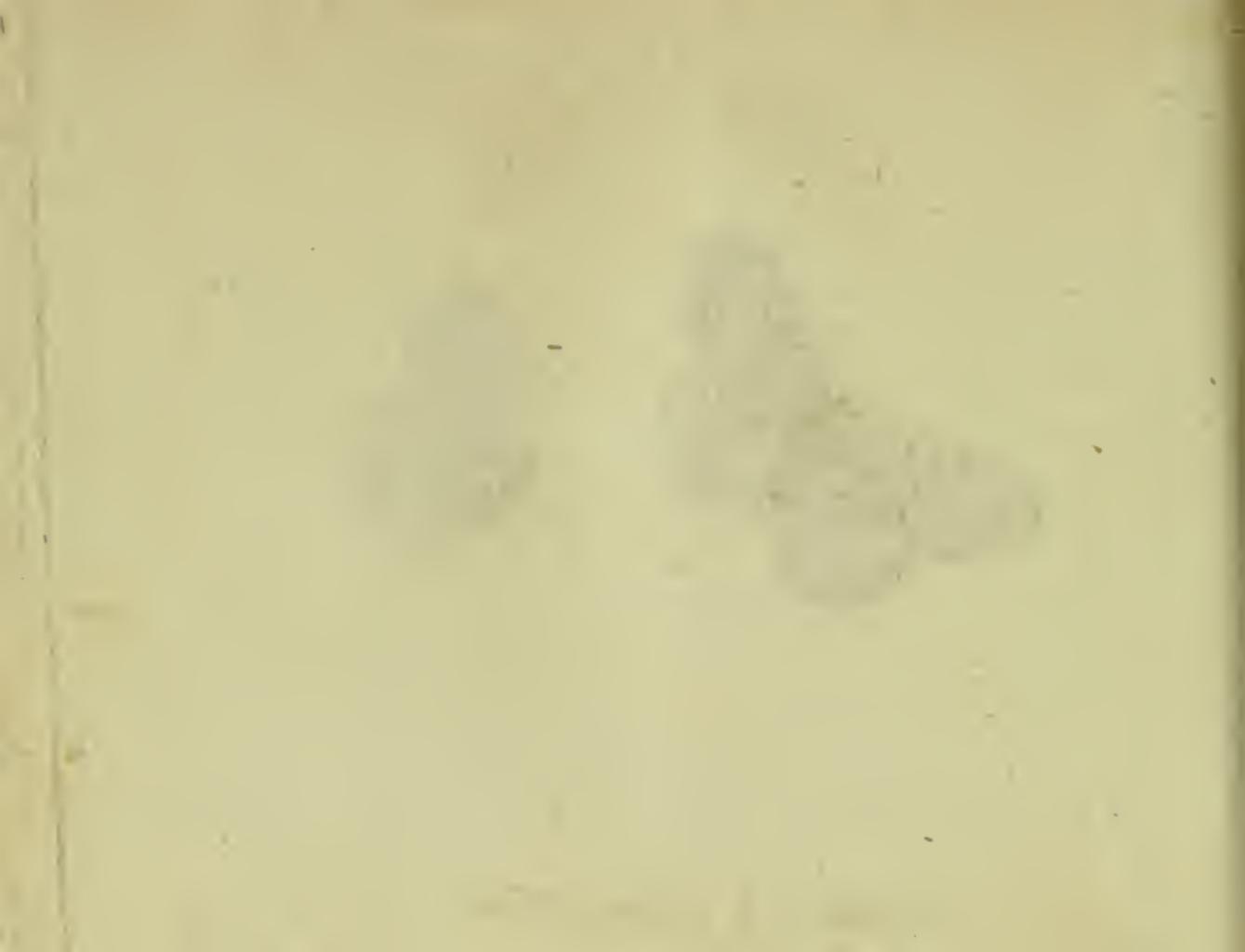
Habitat in sylvaticis. Dn. *Jurine* pinxit. Abdomen in nostr. specim. atro caeruleum.





Papilio N. Selene Fabr.

J. St. Sc.



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 baseos strigaque 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.

**Eipper 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 ehehin für eine Spielart einer freylich ihm sehr ähnlichen, entschied iedoch nachher zu seinem Vortheile dahin, dass auch er als eigene Art angeführt werden dürfse. Von seiner Raupe, und überhaupt von seiner Metamorphose ist noch nichts bekannt.

Trout were very well distributed throughout the lake and  
there was a good show of them both in the morning and afternoon.  
There were 2000 trout taken in all, the largest being 18 inches.  
The fish were very fat and the price per pound was \$1.00.  
The trout were very fat and the price per pound was \$1.00.  
The trout were very fat and the price per pound was \$1.00.  
The trout were very fat and the price per pound was \$1.00.



Papilio P. Crataegi Fabr:

J. G. S.



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.

*Rösel* Ins. Bel. 1 Th. tab. 3.

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

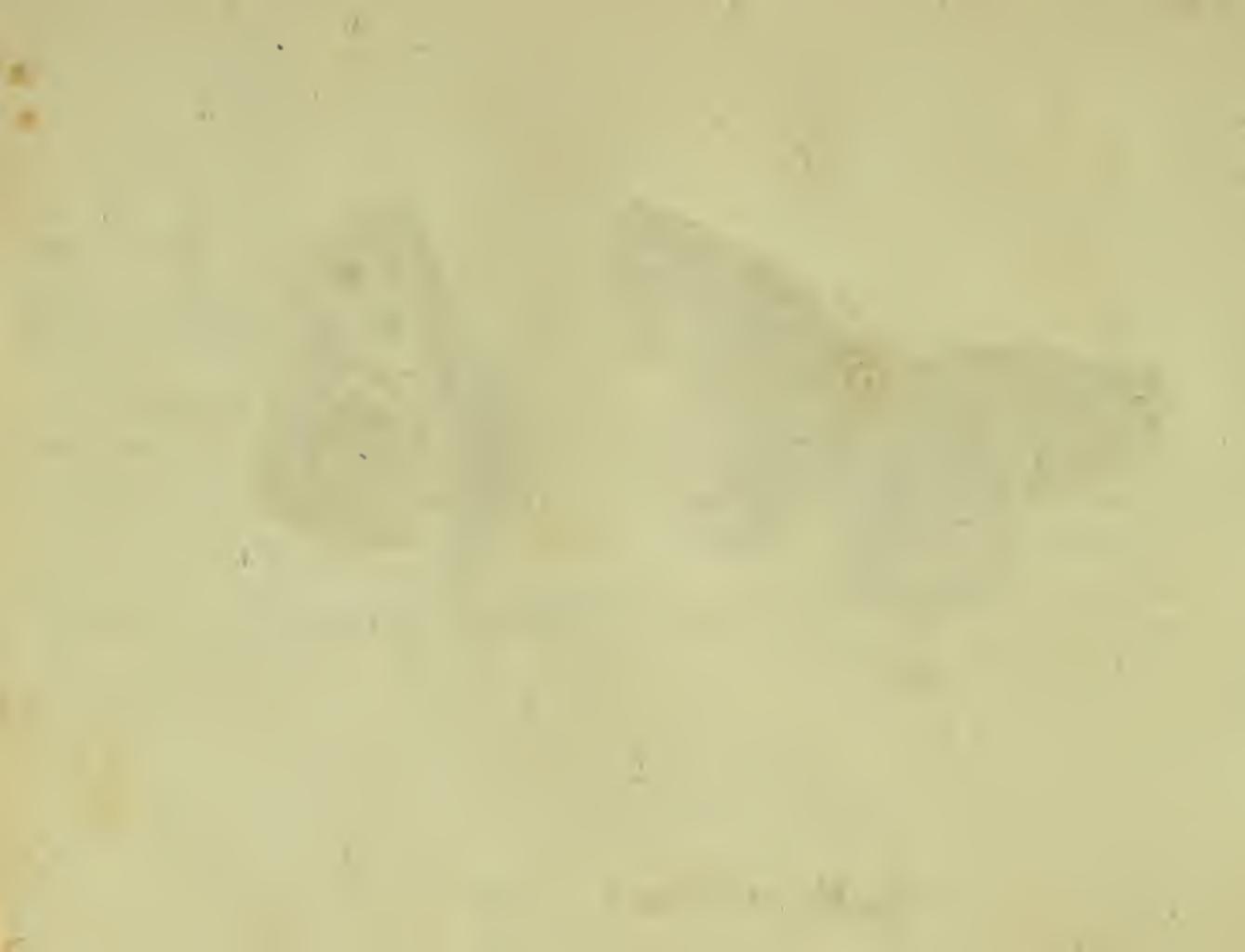
*Borkhausen* Eur. Schm. I. n. 21. p. 131. et p. 262.

Die innigen Raupen kriechen im August aus dem Ei, bleiben den Herbst in einem Gewebe beisammen, und wenn sie aßen, so gehen sie in Gesellschaft. Sie überwintern in diesem gemeinschaftlichen Gewebe, aber im künftigen Früahre vertheilen sie sich. Ihre Futterpflanzen sind *Weisdorn*, *Aepfle-Bürn-Zwetschen-Pflaumen* und andere Obstbäume. Die Chrysallide ist eckigt., grürl cht gelb und schwarz gefleckt, mit einer eintachen Spitze auf dem Kopf. Nach vierzehn Tagen kriecht der Falter aus.



Papilio S. Semele Fabr:

J. J. F.



PAPILIO Satyrus Semele.

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

*Papilio Satyrus Semele* { alis dentatis; fascia maculari fulva ocellis duobus: antecis subtus 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 Nymphaeum. Gemmat. Semele.* *Linn.* Syst. Nat. n. 148. p. 772. ed. XIII. 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.

Esper 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 Gefiedlen auf. Er kommt in der Mitte des Iulius zum Vorschein und zeigt sich bis zu Ende des Septembers.

the first time in history, the world's population has  
increased from 1.5 billion to 6.5 billion in less than 50 years.  
The world's population is projected to reach 9 billion by 2050.  
The world's population is projected to reach 10 billion by 2080.  
The world's population is projected to reach 11 billion by 2100.  
The world's population is projected to reach 12 billion by 2120.  
The world's population is projected to reach 13 billion by 2140.  
The world's population is projected to reach 14 billion by 2160.  
The world's population is projected to reach 15 billion by 2180.  
The world's population is projected to reach 16 billion by 2200.  
The world's population is projected to reach 17 billion by 2220.  
The world's population is projected to reach 18 billion by 2240.  
The world's population is projected to reach 19 billion by 2260.  
The world's population is projected to reach 20 billion by 2280.  
The world's population is projected to reach 21 billion by 2300.  
The world's population is projected to reach 22 billion by 2320.  
The world's population is projected to reach 23 billion by 2340.  
The world's population is projected to reach 24 billion by 2360.  
The world's population is projected to reach 25 billion by 2380.  
The world's population is projected to reach 26 billion by 2400.  
The world's population is projected to reach 27 billion by 2420.  
The world's population is projected to reach 28 billion by 2440.  
The world's population is projected to reach 29 billion by 2460.  
The world's population is projected to reach 30 billion by 2480.  
The world's population is projected to reach 31 billion by 2500.  
The world's population is projected to reach 32 billion by 2520.  
The world's population is projected to reach 33 billion by 2540.  
The world's population is projected to reach 34 billion by 2560.  
The world's population is projected to reach 35 billion by 2580.  
The world's population is projected to reach 36 billion by 2600.  
The world's population is projected to reach 37 billion by 2620.  
The world's population is projected to reach 38 billion by 2640.  
The world's population is projected to reach 39 billion by 2660.  
The world's population is projected to reach 40 billion by 2680.  
The world's population is projected to reach 41 billion by 2700.  
The world's population is projected to reach 42 billion by 2720.  
The world's population is projected to reach 43 billion by 2740.  
The world's population is projected to reach 44 billion by 2760.  
The world's population is projected to reach 45 billion by 2780.  
The world's population is projected to reach 46 billion by 2800.  
The world's population is projected to reach 47 billion by 2820.  
The world's population is projected to reach 48 billion by 2840.  
The world's population is projected to reach 49 billion by 2860.  
The world's population is projected to reach 50 billion by 2880.  
The world's population is projected to reach 51 billion by 2900.  
The world's population is projected to reach 52 billion by 2920.  
The world's population is projected to reach 53 billion by 2940.  
The world's population is projected to reach 54 billion by 2960.  
The world's population is projected to reach 55 billion by 2980.  
The world's population is projected to reach 56 billion by 3000.



*Papilio Cinxia* Fabr.

J. V. S.



PAPILIO Satyrus Cinxia.

Der Breitwegerichsfalter. Das Damenbrett. Der gelbe Würfelvogel.  
Le Damier, premier espece. Geoffr. The black Fritillary.

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

**Papilio Nymph. Iphaleratus 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. Ins. T. II. n. 12. A. p. 45.

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

Schäffer Ic. Ins. Ratisb. tab. 204. fig. 1, 2.

*Rösel* Ins. Bel. IV. tab. 13. fig. 4. 5. tab. 18. fig. 4.

*Egger* Eur. Schm. I Th. tab. 16. fig. 2. tab. 25. fig. 2. tab. 46. fig. 2. a. b.

*Borkhausen* Eur. Schm. I Th. n. 2. p. 49. p. 222.

Man findet die Raupe dieses Falters in lichten Waldungen im Mai und Iunius auf dem breiten und spitzigen Wegerich, Ehrenpreis und dem Leinkraut. Der Falter selbst fliegt am östesten im Iulius und Anfang des Augusts.



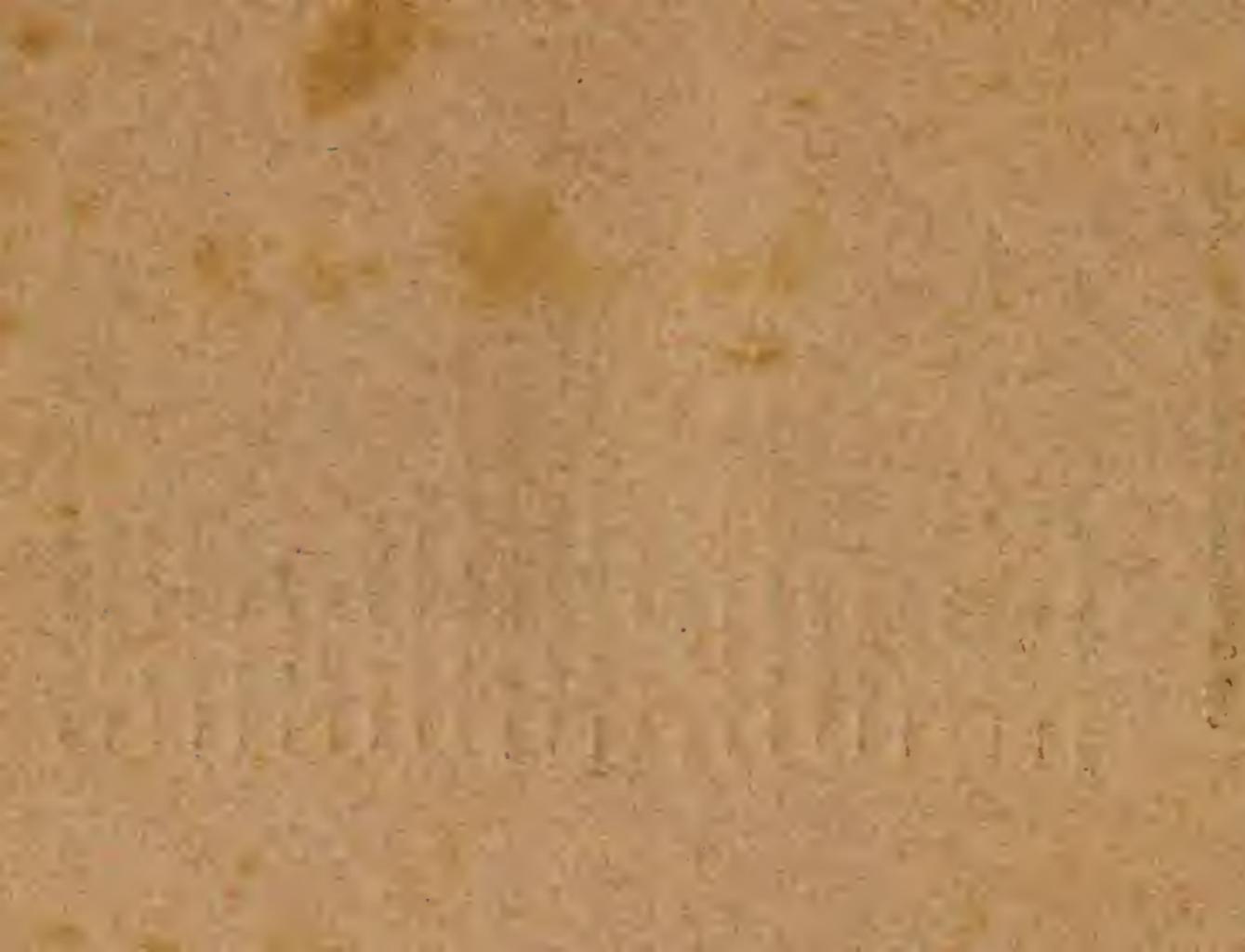


des sieben und siebenzigsten Hefts.

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Tab. I. Elater pectinicornis Fabric.

- 2. Elater cupreus Fabric.
- 3. Elater cupreus Varietas Fabric.
- 4. Elater castaneus Fabric.
- 5. Elater signatus Panzer.
- 6. Elater aulicus Panzer.
- 7. Elater haematoches Mac. Fabric.
- 8. Elater haematoches Fem. Fabric.
- 9. Elater sticticus Panzer.
- 10. Ewania variegata Fabric.
- 11. Chalcis sispes Fabric.
- 12. Pompilus variegatus Fabric.
- 13. Pompilus gibbus Fabric.
- 14. Tiphia hemipatra Fabric.
- 15. Chrysis bidentata Fabric.
- 16. Chrysis succincta Fabric.
- 17. Mellinus ruficornis Fabric.
- 18. Mellinus diffictus Panzer.
- 19. Rhagio syrioides Panzer.
- 20. Syrphus ruficornis Fabric.
- 21. Mulio sphegeus Fabric.
- 22. Phalaena populata Fabric.
- 23. Phalaena pyraliata Fabric.
- 24. Phalaena chenopodiaria Fabric.





*Elater pectinicornis* Fabr:

J. St. fee.



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. Ins. T. I. n. 19. p. 268. Mant. Ins. 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. Ins. 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. Ins. tab. 5. fig. 36. d.

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

**Harrer** Beschr. d. Schäff. 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.



*Elater cupreus* Fabr.

J. S. [illegible]



## ELATER cupreus.

Der kupferfärige 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. syst.  
T. II. n. 37. p. 225.

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

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

a Magnitudo naturalis. b Eadem angta.

the 1970s

should continue to

allow more freedom of choice among pension plans while  
also giving employers and employees the right to sue and -

most importantly - to have their claims heard by a court.

It is also important to give people more control over  
their pension savings by allowing them to move their

money between different pension plans and to make it easier for them to do so.

These changes will help to ensure that pension savings are used effectively and efficiently to provide a secure retirement for all Canadians.



*Elater cupreus* var. *Fabr.*



ELATER cupreus Varietas.

Der kupferfärige Springkäfer. Eine Spielart.

*Elater cupreus*. Fabric. I. I. c. c.

Habitat in sylvaticis Montis piniferi.

Vero simile 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 aueta *Maris*. c Antenna *Feminae* aucta.

126.25  
Although back off your self-control and  
allowing yourself to feel things.

126.25  
Allow yourself to feel things.



*Elater castaneus* Fabr.

J. St. fee.



ELATER castaneus.

Der kastanienfärige Springkäfer. Le Taupin á corcelet velouté. Geoffr.

*Elater castaneus*: thorace testaceo pubescente, elytris flavis apice nigris, corpore nigro. Fabric. Syst. Entom. n. 18. p. 213. Spec. Ins. T. I. n. 23. p. 269. Mant. Ins. 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. Ins. T. I. n. 4. p. 132.

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

Harrer Beschr. d. Schäff. Ins. T. I. n. 106. p. 70.

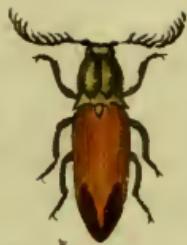
Voet. Coleopt. I. n. 14. tab. 43. fig. 14.

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

Habitat in hortis 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. I. p. 41. tab. I. fig. 4.

*Elater castaneus*. Sebrank austr. n. 337.

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

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

Lecius in montibus Salisburgensibus a Dn. Funk. Vindicanda tandem distin-  
cta atque propria toties a pluribus Entomologis, cum aliis Elateribus confusa species!  
Magnitudo *Elatr. pectinicor.*, habitus *Elatr. castan.*, quamvis maior et procerior,

Caput obscure aeneum , vertice foveolato. Oculi nigri. Antennae nudae nigrae  
pectinatae: pectinibus septem. Thorax obscure s. atro viridi aeneus nitidus, mar-  
gine laterali parum pubescens, punctis plurimis vage impressis: dorso sulco exara-  
tus, pone utrinque spinosus. Scutellum obscurum. Elytra testacea nitida, striato-  
punctata , apice micula lanceolata atra, quae vero haud summam attingit. Pedes  
omnes nigris, unguis testaceis. Corpus subius obscure viridi aeneum nitidum.



*Elater aulicus* Mili.

J. T. f.

— 3 —  
— 20 — 1980

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 fusti. Antennae nigrae pectinatae: pectinibus novem. Thorax subpubescens obscuro viridi aeneus nitidulus, pone utrinque acuminatus. Scutellum concolor pubescens. Elytra testacea margine baseos nigro, nitida striato punetata immaculata: antice baseos utrinque parum impressa. Pedes atro aenei pubescentes, unguis fuscis. Corpus subtus nitidum obscure aeneum.

marked with

marked with

very large numbers and they became more prominent.

### Alimentary Canal of *Calanus*

The alimentary canal of *Calanus* consists of a foregut, midgut and hindgut, and is lined throughout by a thin membrane which is very vascular and has a great number of short, narrow, single-walled, ciliated sacs, according to some authors called *microvilli*, extending into the lumen of the gut. According to others these sacs represent a series of small, transverse, ciliated, sac-like depressions of the mucous surface.



*Elater haematodes* Nas Fabr.

J. St. fee



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. graecens. 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 Beschr. 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.

the number of the species, and the number of the individuals  
of each species, which were collected in the same place,  
and at the same time, and under the same circumstances.  
The number of the species, and the number of the individuals  
of each species, which were collected in the same place,  
and at the same time, and under the same circumstances.  
The number of the species, and the number of the individuals  
of each species, which were collected in the same place,  
and at the same time, and under the same circumstances.



*Elater haematoxides* Tem. Fabr.

J. St. 57



ELATER haematodes. Femina.

Der purpurrothe Springkäfer. Das Weibchen.

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

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

Herbst Archiv. V. 1. n. 25. p. 113. tab. 27. fig. 10.

Habitat cum mare.

a Magnitudo naturalis. b Eadem aucta.





*Elater sticticus* Mihi.

J. St. fee.



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, aet differt. Caput nigrum Os ferrugineum. Palpi testacei. Oculi nigri. Antennae testaceae, apice fuscantes. Thorax leviter pubescens rufus punctatus, dorso fusco, punctis duobus impressis, pone, more conspecierum acuminatus. Elvira testacea punctata striata futura fuscans. Pedes flavescents. Corpus subtus fuscum, ano flavescente.

a Magnitudo naturalis. b Eadem aucta.





*Evania variegata* Fabr.

J. St. fee.



1. *Leptosiphon* (var. ?)

EVANIA variegata.

Die bunte Stielbauchigste Wespe.

*Evania variegata*: nigra aib[us] 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.





*Chalcis sispes* Fabr.

J. St. fec.



CHALCIS sispes.

Die rundschenkliche Schenkelwespe. La Guepe deginguendée. Geoffr.

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

*Sphex sispes*. Fabric. Spec. Ins. T. I. n. 61. p. 446.

*Cbrysis sispes*. Fabric. Syst. Entom. n. 15. p. 359.

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

*Sphex myrifex*. Sulzer abgek. Gesch. d. Ins. 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.

and although it is not well substantiated, it  
is still often used. It is possible that some  
of the first 20% of the energy of the sun  
comes from the conversion of hydrogen  
into helium. This is a very slow process  
but it is probably the most important source  
of energy in the sun. The energy released  
from the conversion of hydrogen into helium  
is about 10<sup>30</sup> times greater than the energy released  
from the conversion of mass into energy.



*Pimpla variegatus* Fabr:

J. St. fee.



POMPILVS variegatus.

Die bunte Grabwespe.

*Pompilus variegatus*: ater albomaculatus, thorace sub scutello rufo, alis apice fuscis. Fabric. Entom. syst. Suppl. 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.

1967

1967

1967

1967

1967

1967

1967

1967

1967

1967



*Pompilus gibbus* Fabr.

J. St. fec.



POMPILVS gibbus.

Die höckerichthe Grabwespe.

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

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

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

Spec. Ins. T. I. n. 34. p. 448. Mant. Ins. 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.

3



*Tiphiella hemiptera* Fabr.

J.St.jec.



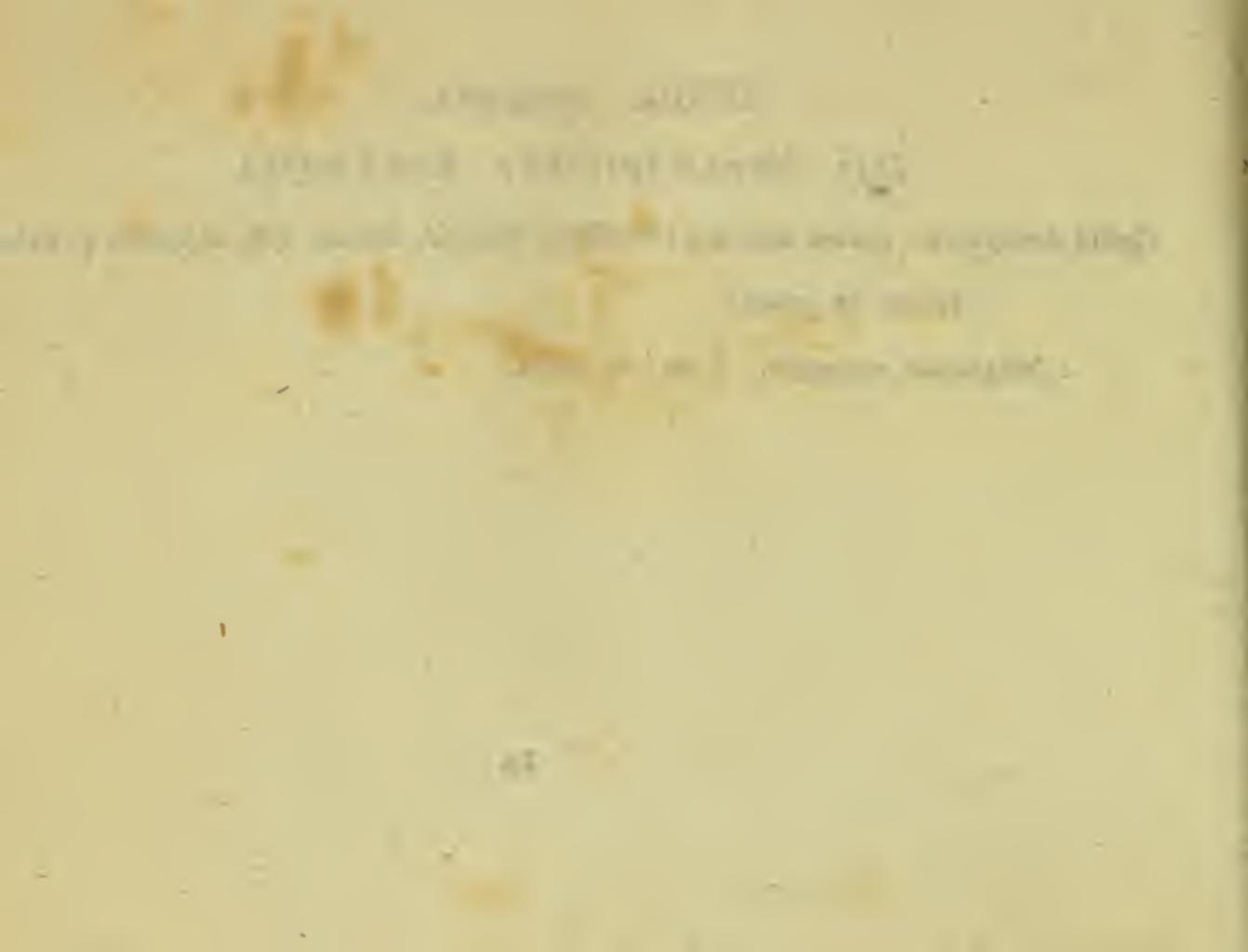
TIPHIA hemiptera.

Die kurzflüglige Rauhwespe.

*Tipha hemiptera*: glabra atra alis brevissimis. Fabric. Entom. syst. Suppl., p. 254.

Habitat in pratis.

a Magnitudo naturalis. b Eadem aucta.





*Chrysis bidentata* Fabr.

J. St. fec.



CHRYYSIS bidentata.

Die zweyzähnichte Goldwespe.

*Cbrisis bydentata*: glabra nitida cyanea thorace bidentato abdeminisque 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.

*Cbrysis bidentata*. *Linn.* Syst. Nat. n. 2. p. 947. ed. XIII. n. 2. p. 2745.  
*Deggeer* 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.

Report 30

the following report is made by the Bureau of Fisheries, Washington, D. C., upon the results of a survey of the marine fisheries of the Gulf of California, made during the months of April, May, June, July, and August, 1903.

Contents

Introduction and general characteristics of the Gulf.

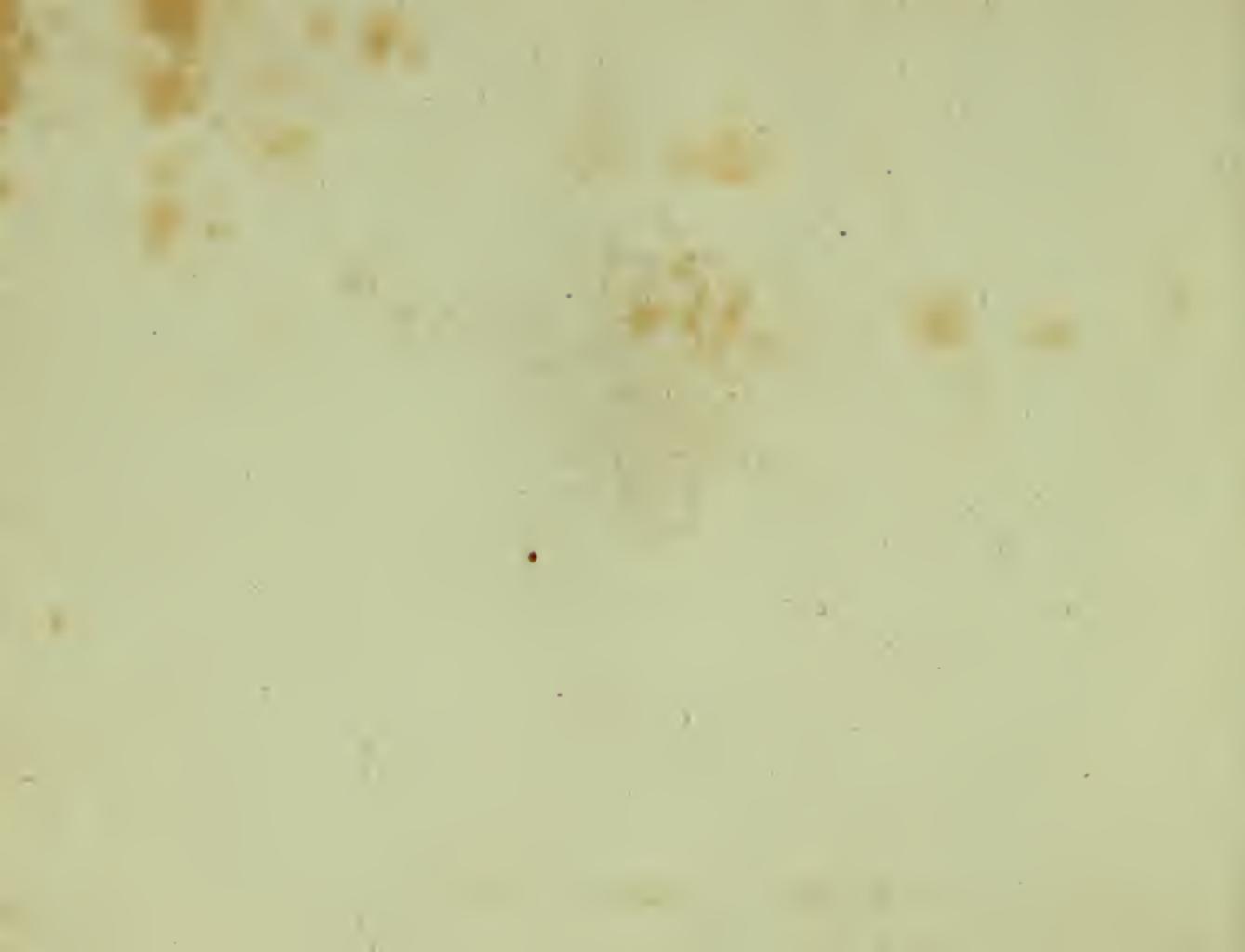
Commercial fisheries.

BP



*Chrysis succincta* Fabr.

J. St. fec.



CHRYYSIS succincta.

Die gebänderte 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. 358. Spec. Ins. T. I. n. 10. p. 456. Mant. Ins. 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 audita.

the first time in the history of the world, the  
whole of the continent of America was  
subjected to the same political system, and  
the same laws. This was done by the  
United States, which now holds the  
whole of the continent of America,  
and has made it a single nation, and  
has given it a single government, and  
has given it a single law, and  
has given it a single language.

It is a remarkable circumstance, that



*Mellinus ruficornis* Fabr.



MELLINVS ruficornis.

Die rothhörnigte Viperwespe.

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

Habitat in fabulosis, floribus plerumque insidens.

a Magnitudo naturallls. - b Eadem aucta.

100  
100

100

100  
100

100

100

100

100

100

100

100

100

100

100

100



*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 Syngenesiae et umbelliferis.

Habitus et statura *Mell. quinquecinct.* F., cui similis, aet 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 subpetiolari 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 ancta.





*Rhagio syrphoides* Mihi.

J. St. fee.



RHAGIO syrphoides.

Die Schwefelfliegenartige Schnepfenfliege.

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

Lecta a Dn. Funck in ditionibus Baruthinis.

Maior *Rb. 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 flavescentes subhyalinae fascio- la costali fusca, marginem inferiorem haud attingente. Pedes omnes testacei, po- fisci elongati.

a Magnitudo naturalis. b Eadem aucta.





*Syrphus ruficornis* Fabr.

J. St. fac.



SYRPHVS ruficornis.

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.

collaboration. It is also

admittedly true, however,

that while the general trend seems to be toward a more rational and less arbitrary system of classification, there are still many difficulties in the way of its final establishment. One of the chief difficulties is the lack of a clear understanding of the principles involved in the classification of plants. Another difficulty is the fact that the different systems of classification are not always in complete agreement with each other.

Classification is a difficult subject.



*Mulio sphegeus* Fabr.

J. St. fec.



MULIO sphegeus.

Die Bastardwespenartige Schwebefliege.

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

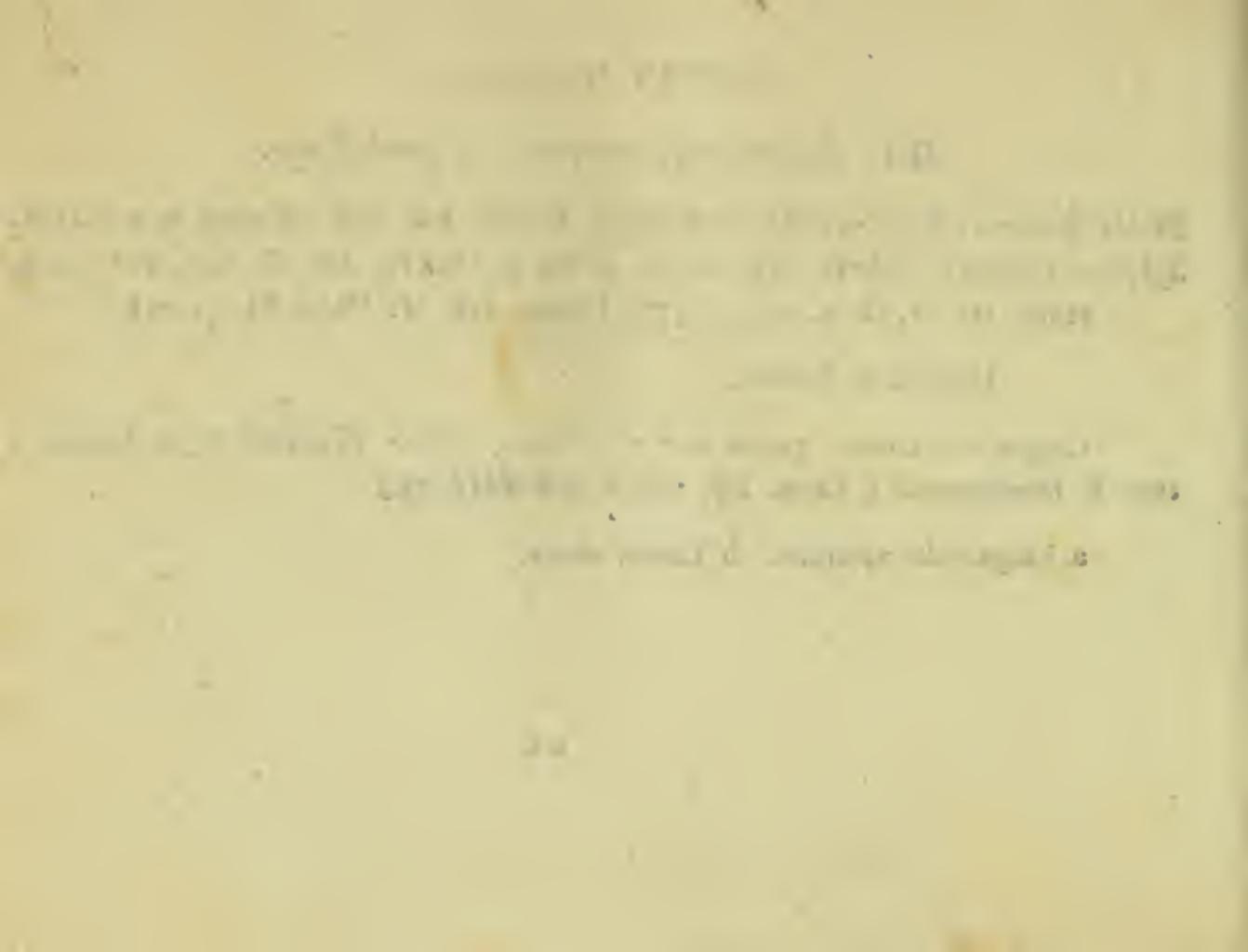
*Syrphus sphegeus* *Fabric.* Syst. Entom. n. 28. p. 768. Sp. Inf. T. II. n. 40. p. 429.

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,  
cum *S. ichneumoneo* (*Faun. Inf. Germ. LXXIII. 24.*)

a Magnitudo naturalis, b Eadem aucta,





*Phalaena populata* Fabr.

J. St. fee,



PHALAE NA populata.

Der A e s p e n s p a n n e r.

*Phalaena populata*: seticornis alis flavo pallidis: anticis subfasciatis apice subtus fuscō contaminatis. *Fabric.* Syst. Ent. n. 60. p. 632. Spec. Ins. T. II. n. 92. p. 258. *Mant.* Ins. 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. XIII. n. 244. p. 2473. Fn. Suec. n. 1266.

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

Habitat in *Populo tremula*. *Linn.*

## INTRODUCTION

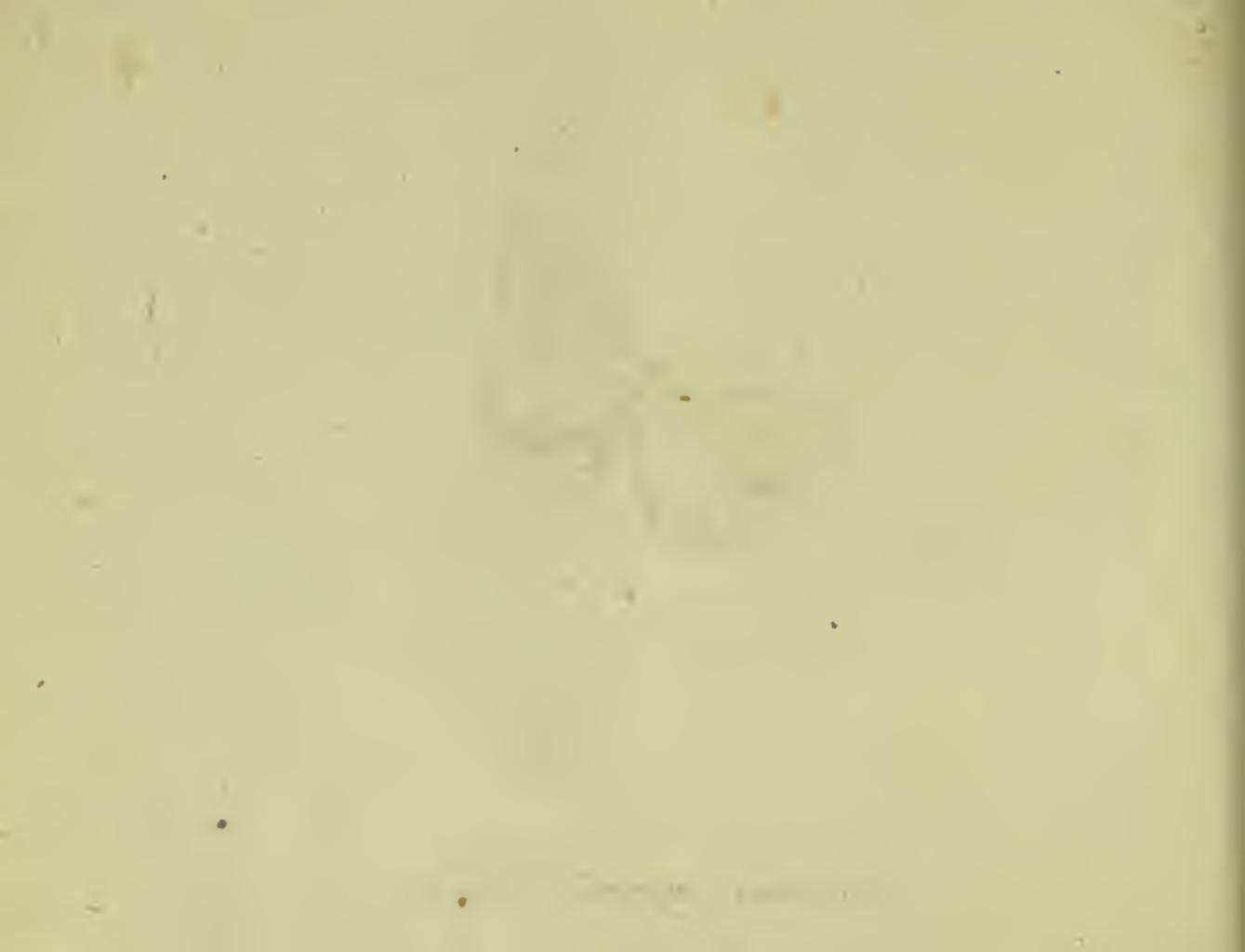
### THE HISTORY OF THE CHURCH

and your knowledge about culture and the social evolution of India  
from 1757 to 1857, and of the way how the Government work  
and of their way of punishment. You will also see  
the history of the people in different parts of India and  
the changes which have taken place in the  
country. Above all it is good



*Phalaena pyraria* Fabr:

J.S. f.



PHALENA pyraliata

Der Waldströhhspanner.

*Phalena pyraliata*: seticornis 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.S. fee.



*PHALENA chenopodiata.*

*Der Acker - Tresppanner.*

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

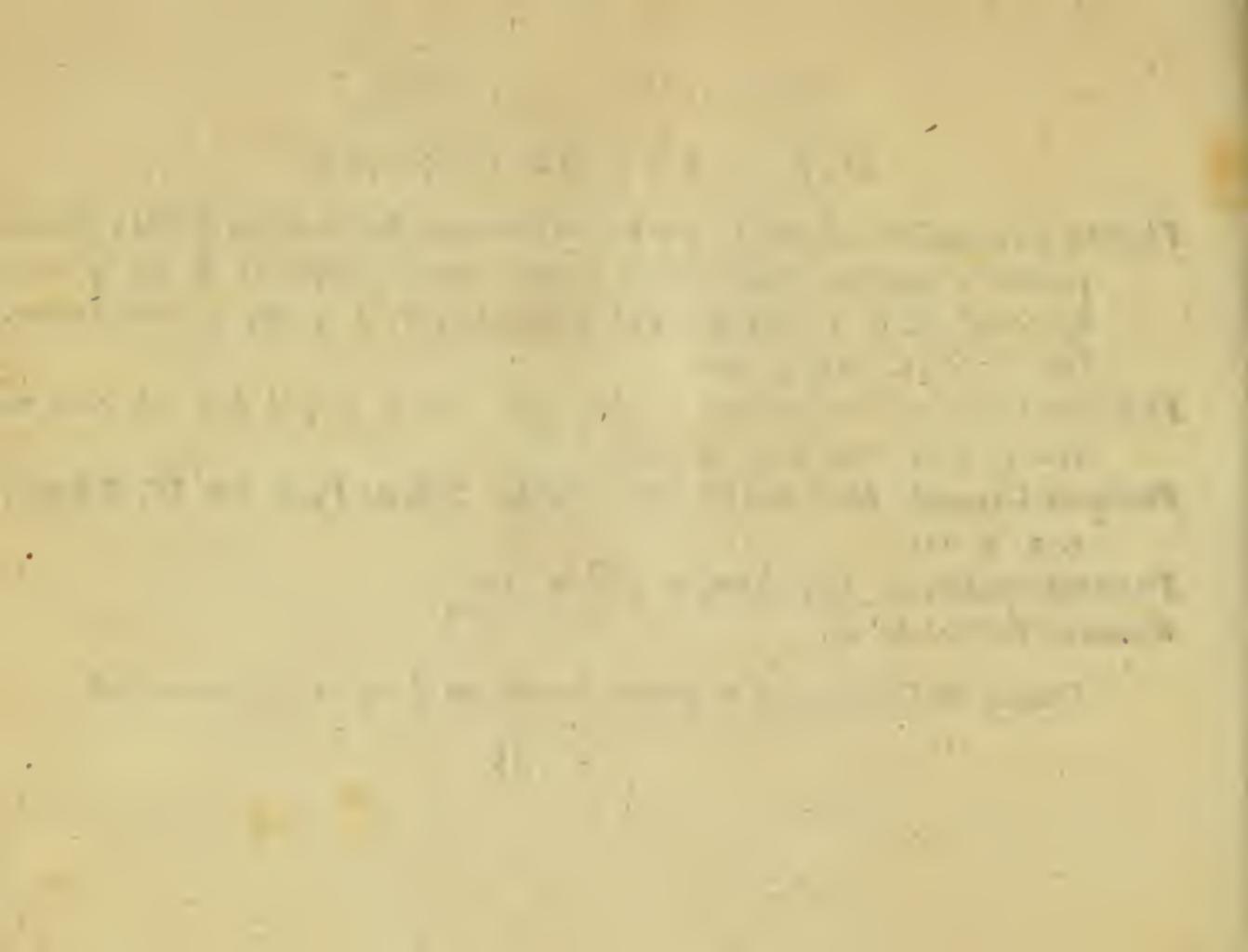
*Phalaena Geometr. chenopodiata*. *Linn. Syst. Nat.* n. 246. p. 868. ed. XIII. n. 246. p. 2475. *Fn. Suec.* n. 1263.

*Phalaena Geometr. Mediovfasciat. 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,







# Inhalt

des acht und siebenzigsten Hefts.

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- 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 grossitorius* Fabric.
- 9. *Ichneumon intactorius* Fabric.
- 10. *Ichneumon ambulatorius* Fabric.
- 11. *Ichneumon mercatorius* Fabric.
- 12. *Ichneumon flavorius* Fabric.
- 13. *Ichneumon debellator* Fabric.
- 14. *Ichneumon dubitator* Panzer.
- 15. *Chalcis clavipes* Fabric.
- 16. *Chalcis flavipes* Fabric.
- 17. *Crabio trimaculatus* Fem. Rössi.
- 18. *Apis acervorum* Fabric.
- 19. *Apis tuberculata* Fabric.
- 20. *Nomada nigrita* Fabric.
- 21. *Phalangium phaleratum* Panzer.
- 22. *Apis picacea* Panzer.
- 23. *Noctua quadra* Mas. Fabric.
- 24. *Noctua quadra* Femina Fabric.





*Chrysomela lurida* Fabr.

J. St. fee.

12

## CHRY SOMELA 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.

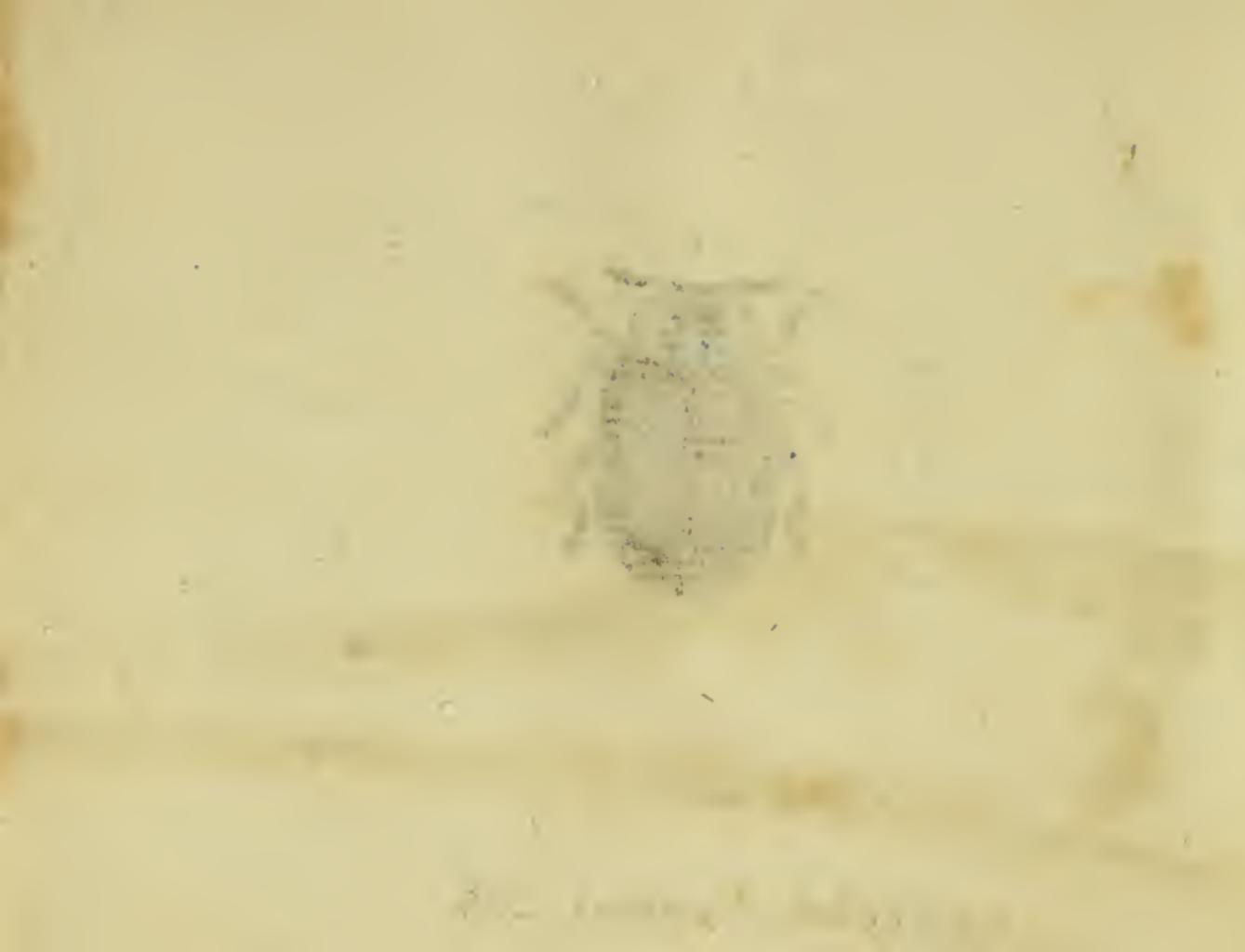
and it is now supported by many of our best scholars, who have studied  
it very carefully. Another opinion is that it was written about  
the time of the fall of the Roman Empire. This is not  
certain, but it is a good theory. It is also believed that  
the author was a monk named St. Ambrose, who lived in  
Italy in the fourth century. He was a learned man  
and a good writer. He wrote many books, and  
one of them is called "De Morte et Resurrectione Christi".

The book is written in Latin, and it is a very interesting  
read. It tells the story of the life of Jesus Christ, from  
his birth to his resurrection. It is a very good book,  
and it is highly recommended to anyone who wants  
to learn more about the life of Jesus Christ.



*Chrysomela collaris* Fabr.

J. St. fcc.



**CHRYSOMELA collaris.**

*Das am Bruststück gesäumte Goldhähnchen.*

*Chrysomela collaris*: ovata violacea, thoracis marginibus albis puncto nigro. *Fabric.* Syst. Entom. n. 21. p. 97. Spec. Ins. T. I. n. 29. p. 121. Mant. Ins. 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.

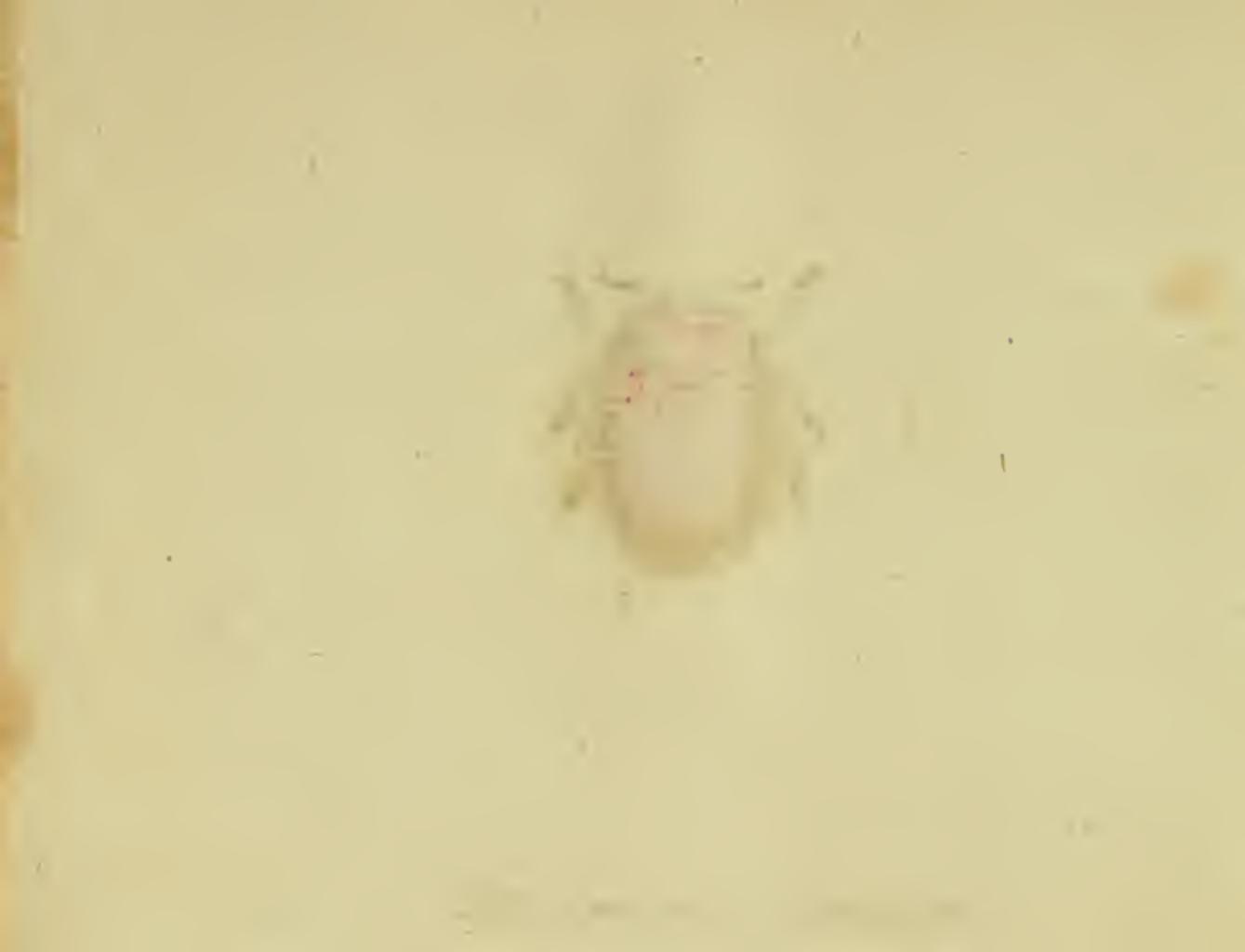
a Magnitudo naturalis. b Eadem aucta.





*Chrysomela viminalis* Fabr.

J. St. fee.



CHRYSOMELA viminalis.

Das Band - Weiden Goldhähncken.

*Chrysomela viminalis*: ovata nigra thorace rufo bimaculato, elytris rufis. *Fabric.*

Syst. Ent. n. 22. p. 98. Spec. Ins. T. I. n. 30. p. 121. Mant. Ins. 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.

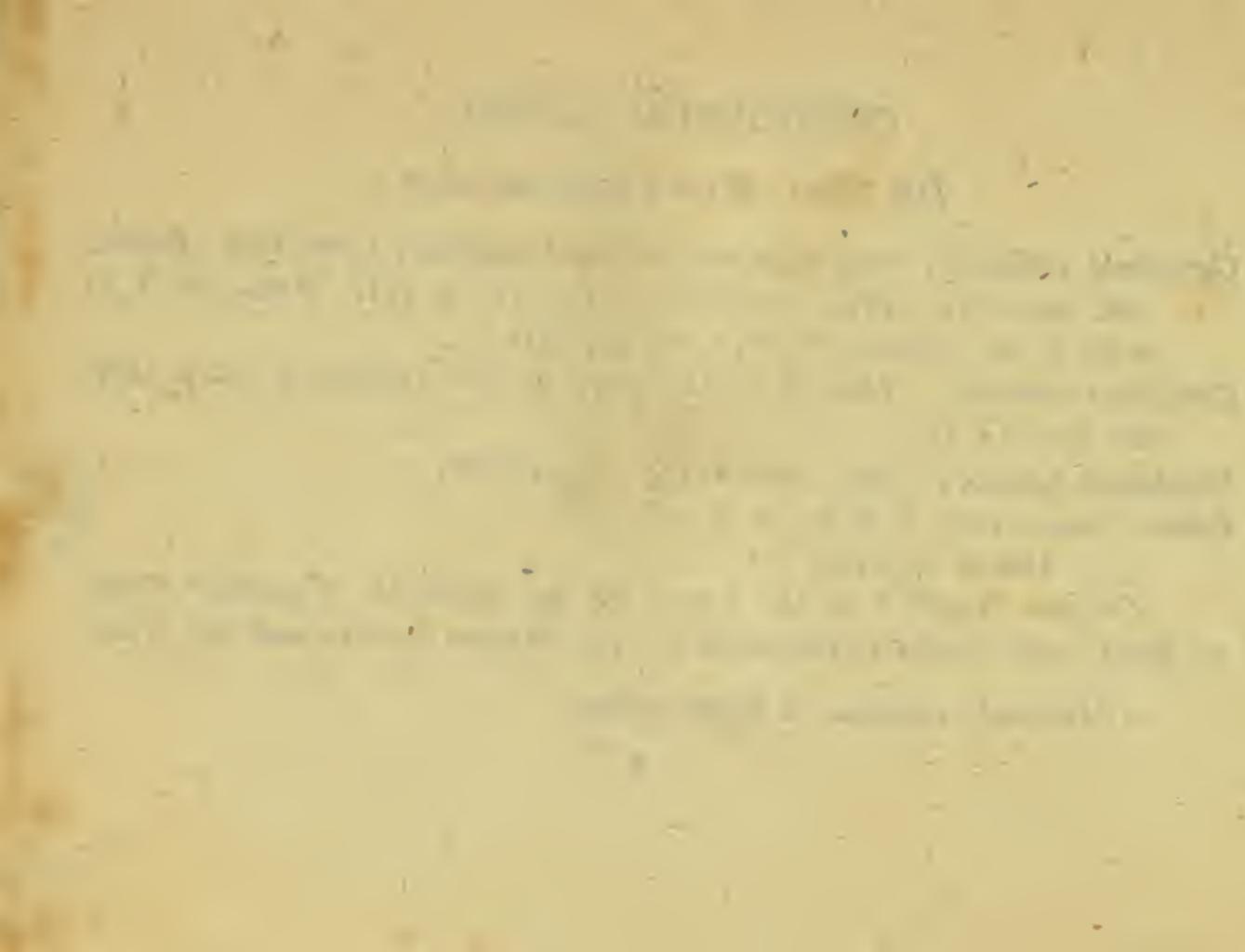
*Chrysomela signata*. *Scopol.* carn. n. 233. absque iconе.

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

Habitat in Salice.

*Chrysom. Goffr.* I. n. 18.<sup>a</sup> p. 265. vix huc referenda. Varietatem *Chrys.*  
10. punct. credit *Scriba* in ephemerid. n. 182. Maculae thoracis haud raro desunt,

a Magnitudo naturalis. b Eadem aucta.





*Chrysomela pallida* Fabr.

J. St. fee.



CHRYSOMELA pallida.

*Das bleichgelbe Goldhähnchen.*

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

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

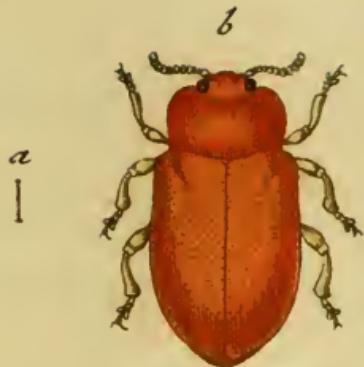
*Panzer Entom. germ.* I. n. 27. p. 161.

Habitat in Alno, Betula, Sorbo, Salice.

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

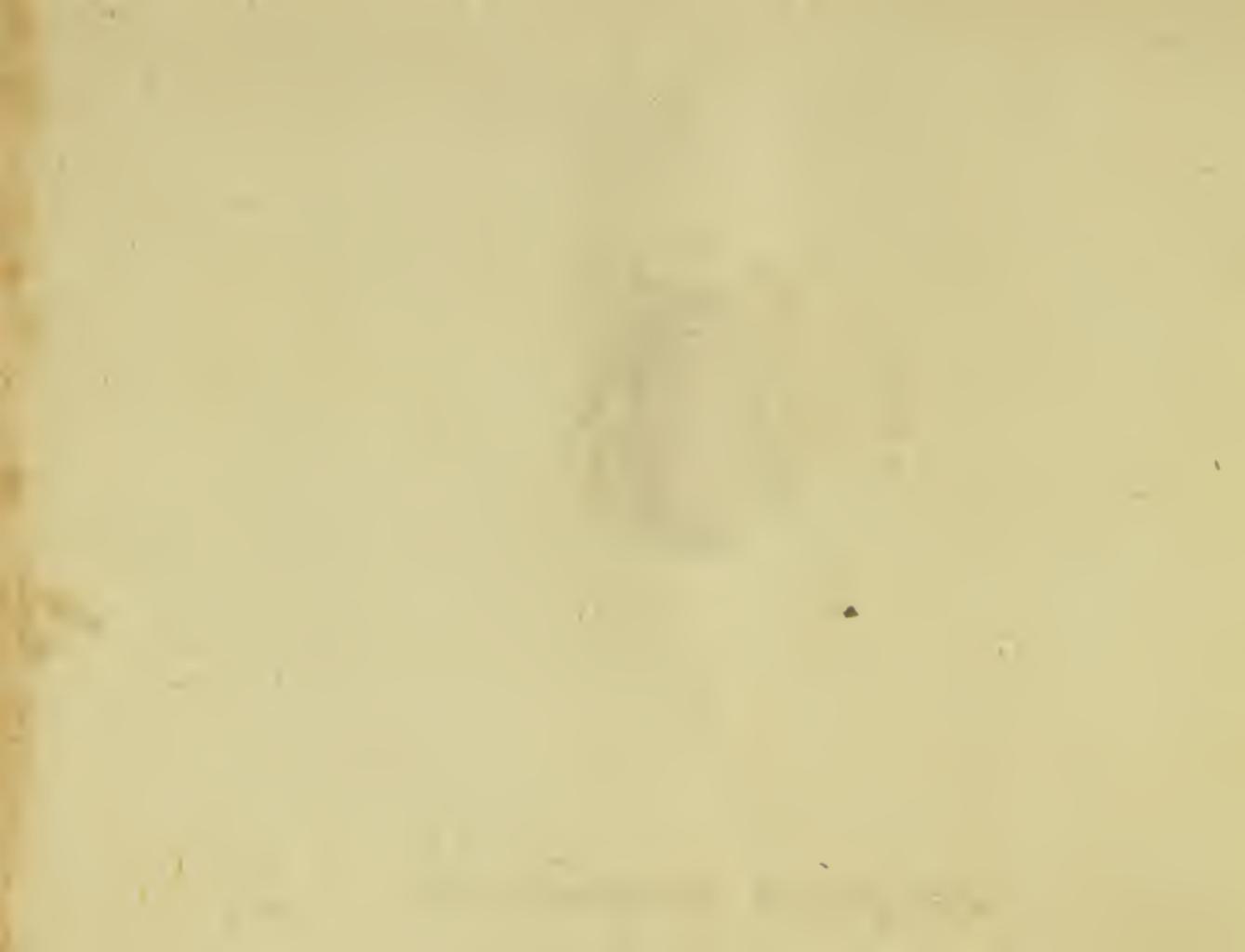
a Magnitudo naturalis. b Eadem aucta.





*Chrysomela pectoralis* Fabr.

J. St. fec.



CHRYSOMELA pectoralis.

*Das rothe Goldhähnchen mit schwarzer Brust.*

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

*Dermestes 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 Pomonaꝝ frequens.

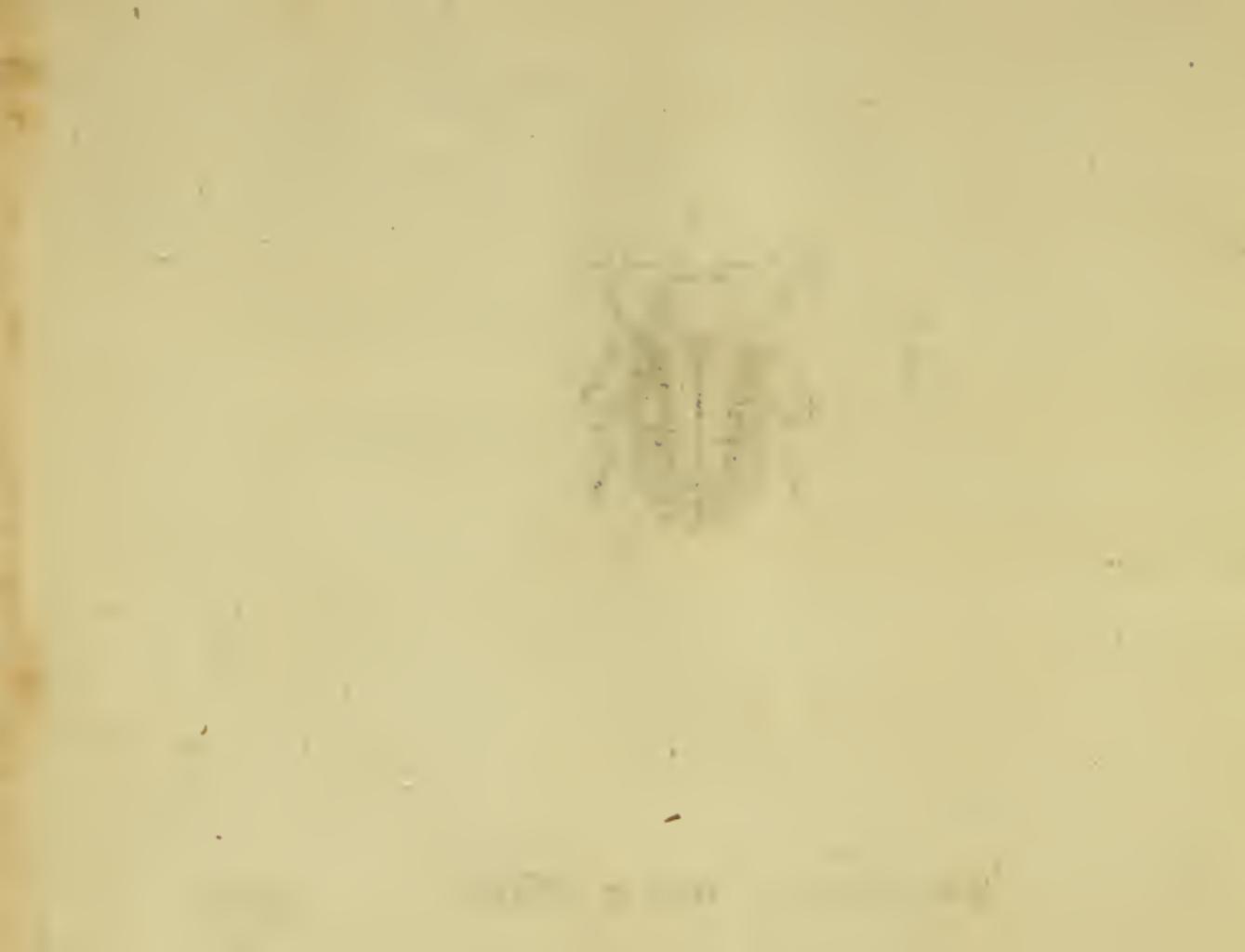
a Magnitudo naturalis. b Eadem aucta.

2000 ft. above sea level, and the  
temperature is about 10° C. The  
soil is a brownish-yellow loam.  
The plants are mostly annuals  
and the vegetation is sparse.



*Chrysomela litura* Fabr.

J. St. fcc.



## CHRY SOMELA litura.

*Das gelbrothe Goldhähnchen, mit dem schwarzen Ruckenstreif.*

*Chrysomela litura*: ovata rufescens elytris futura linea que 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.*

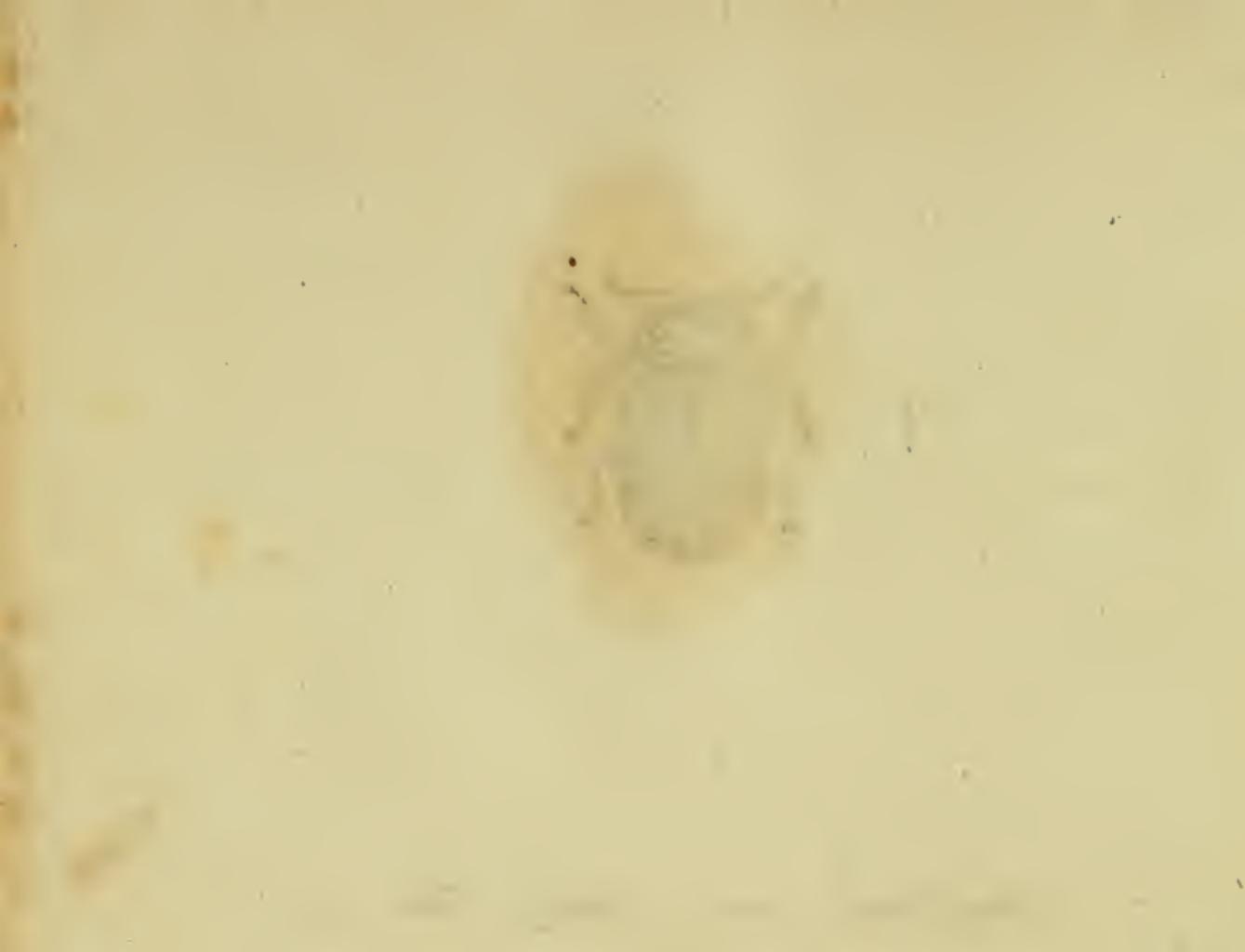
a Magnitudo naturalis. b Eadem aucta.





*Chrysomela haemorrhoidalis* (Fabr.)

J. St. fcc.



# CHRYSOMELA haemorrhoidalis.

*Das rothafterichte Goldhähnchen.*

*Chrysomela haemorrhoidalis*: ovata nigra nitida, antennis basi flavescentibus, ane 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.

and I have been to see him -

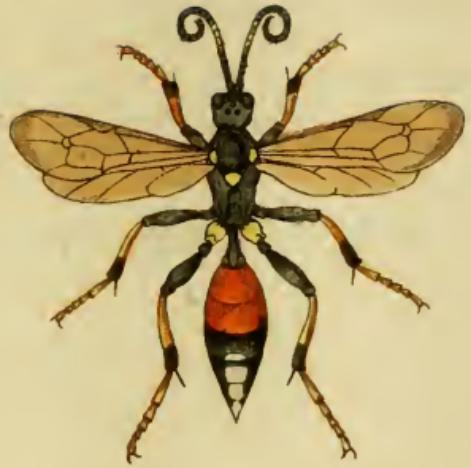
He has a very large house

and a good deal of property -  
but he is not a rich man -  
he has a large family -  
and he is not a good  
husband -

He is a good man -  
but he is not a good husband -

He is a good man -

He is a good man -



*Ichneumon grossorioides* Fabr.

J. St. fee.



ICHNEVMON grossorius.

Die grosse Schlupfwespe mit dem rothgeringelten schwarzen  
weissgefleckten Unterleib.

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

Legi raro in *Carpino Betulo Linn.*





*Ichneumon infractorius* Fabr.

J. St. fe.



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. Ins. T. I.* n. 9. p. 422. *Mant. Ins. 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. Entom.* T. II. n. 744. p. 37.

*Schäffer Ic. Ins. Ratisb.* tab. 20. fig. 9.

Legi. in dumetis, et in floribus umbelliferis.

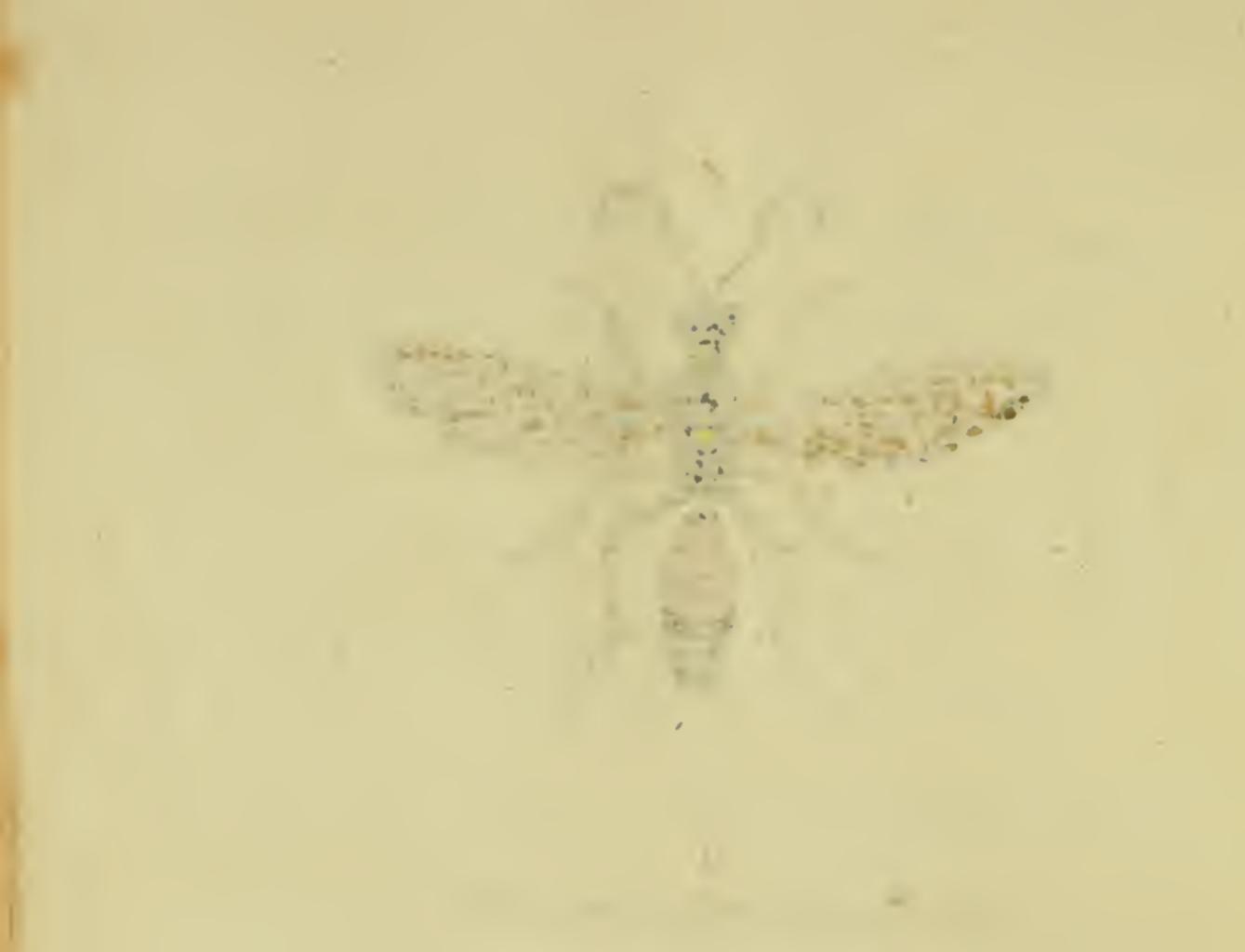
a Magnitudo naturalls. b Eadem aucta.





*Ichneumon ambullatorius* Fabr.

J. St. fee.



ICHNEVMON ambulatorius.

Die schwarze Schlupfwespe mit dem rothgebänderten schwarzen weissgerändeten Unterleib.

*Ichneumon 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.

Frequenter occurrit abdome atro, segmento primo petiolari nigro, secundo tertio rufis, quarto, quinto, sexto nigris postice albis. Pedes postici apice nigro annuliati. Aiae fuscae, stigmate marginali ordinario late flavo.

a Magnitudo naturalis, b Eadem aucta.

187

Worshipper who will be glorified, and whose  
glory will be manifested.

He wants to make himself known to his creatures, and  
therefore he has given them a spirit of love and a spirit of  
truth, so that they may know him and may have a knowledge  
of him. And he has given them a spirit of wisdom  
and a spirit of understanding, so that they may know  
the things of God.

He wants his people to be wise, and sensible, and to understand  
the things of God, so that they may have a knowledge of him. And he has given  
them a spirit of wisdom and a spirit of understanding, so that they may know  
the things of God.



*Ichneumon mercatorius* Fabr.

J. St. fee.



ICHNEVMON mercatorius.

Die schwarze Schlupfwespe mit dem gelb gebänderten und geränderten Unterleib.

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

*Schaeffer* Ic. Ins. 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. geo.



ICHNEVMON flavatorius.

*Die rothe gelbbunte Schlupfwespe.*

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

Obvius rarissime in umbelliferis.

a Magnitudo naturalis, b Eadem aucta.

1860. 1861. 1862.  
1863. 1864. 1865.  
1866. 1867. 1868. 1869.  
1870. 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.



*Ichneumon de bellator* Fabr.

J. St. fee.

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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* Mhi.

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, nividulum, segmento primo apice, secundo tertioque totis rufis, reliquis nigris apice albo marginatis. Pedes ferruginei: tarsi postici nigri, Alae obscurō hyalinae.

a Magnitudo naturalis. b Eadem aucta.





*Chalcis claviger* Fabr.

J. St. fee.



A

CHALCIS clavipes.

Die rothschenkliche 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 fispes*. *Linn. Syst. 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.

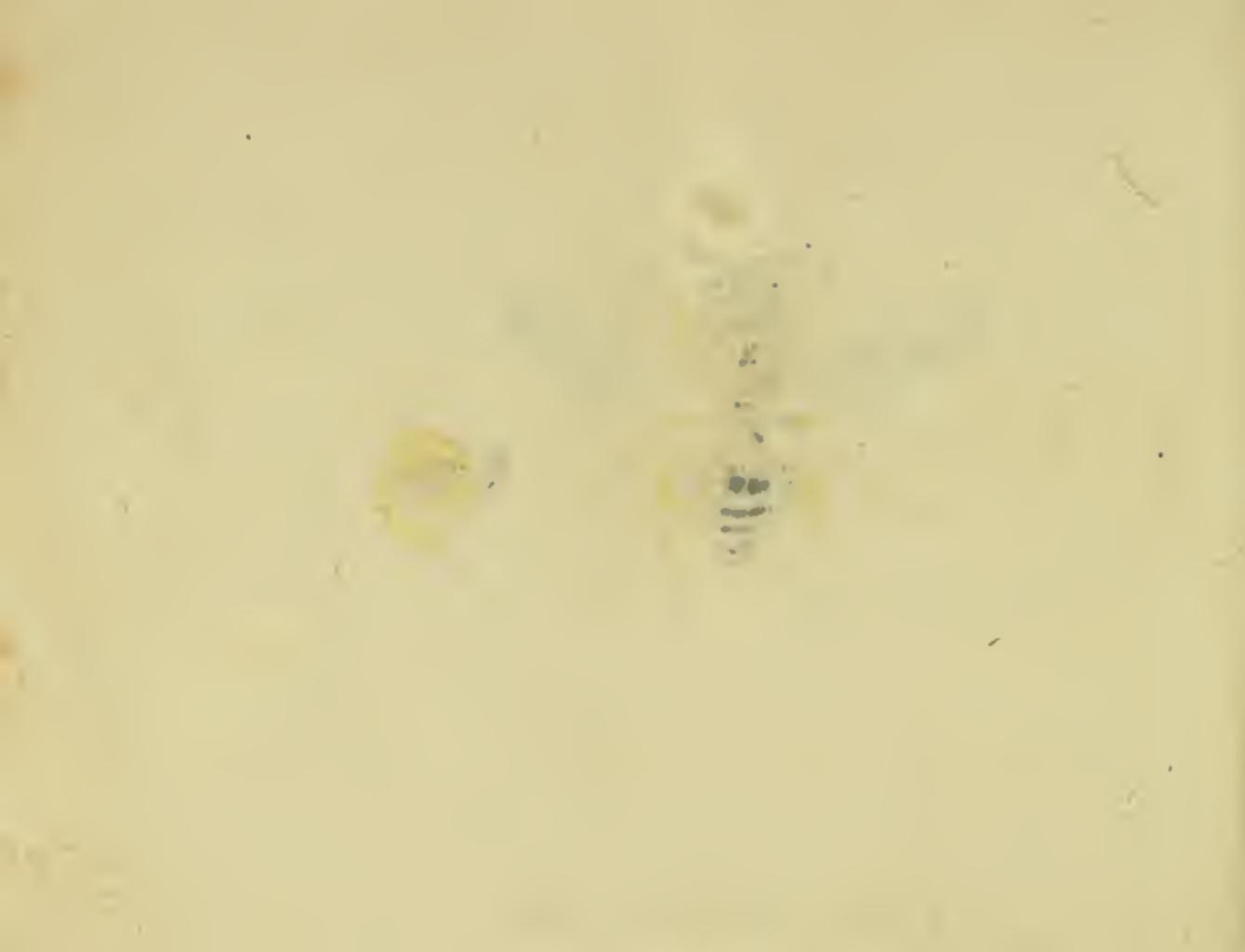
a Magnitudo naturalis. b Eadem aucta.

• Windows 8.1 例題問題集



*Chalcis flavipes* (Fabr.)

J. St. fec.



CHALCIS flavipes.

Die gelbfüchsche 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 *Americas 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 missò 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 *Americas meridionalis* indigenis adscriptam, non spernentem paterna rura quoque cognoscerem, haud haesitavi, eam nunc inter insecta nostrata etiam enumerare.

a Magnitudo naturalis. b Eadem aucta.

July 19112

Geographical distribution of

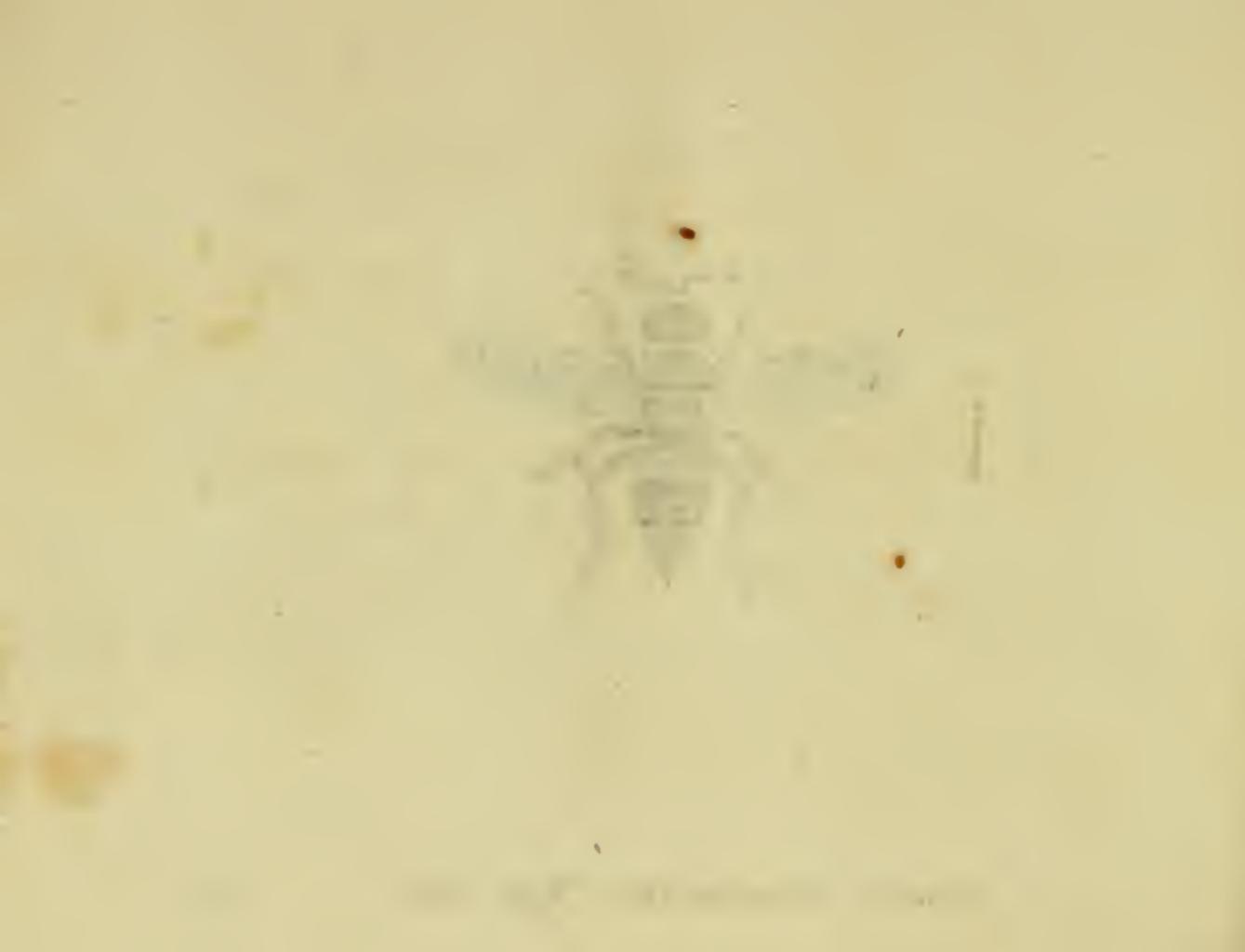
the last named were collected from various parts of the country, and the results of the investigation are given below. The following table gives the number of species found in each state, and the percentage of the total number of species found in the United States. The figures in parentheses indicate the number of species found in each state, and the percentage of the total number of species found in the United States.

Geographical distribution of



*Crabro trimaculatus Roffi Fem.*

J. St. fee.



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. Suppl. n. 52. p. 251.

Sturm Verz. s. Insekts. 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* bac 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  
ipsa 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. fee.



**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.

*Rossi Faun. etrusc.* n. 907. p. 101.

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

a Magnitudo naturalis. b Eadem aucta.

## Constitutive DNA

### const - constitutive - DNA

constitutive DNA is present within all eukaryotic organisms.  
The proportion of const DNA is around 40% of total DNA and 10% of  
the genome. It is found in all the chromosomes.

### Regulatory DNA

Regulatory DNA is present in the genome which controls the expression  
of genes. It is also called as control DNA. It is present in the form of  
enhancers, promoters, transcription factors, etc.



*Apis tuberculata* Fabr.

J. St. fee.



**APIS tuberculata.**

*Die unter dem Halse höckerichte Biene.*

*Apis tuberculata*: thorace pubescente, abdomine atro: margine cinerascente, ane fulvo. *Fabri. Entom. system. T. III. n. 84. p. 3.*

Legi infrequens in floribus compeditis.

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

a Caput cum, b tuberculo sub gula aucta.





*Nomada nigrita* Fabr.

J.St. fee.



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 villoso atra barbata. Oculi cinerei. Antennae nigrae thorace breviores. Thorax ater cinereo villosum. Scutellum depresso, minime elevatum. Abdomen atrum elongatum lucidum, basi et apice rara pube vestitum. Pedes nigro villosum. Alae fuscescentes, apice intensius fuscae.

a) Magnitudo naturalis. b Eadem aucta.

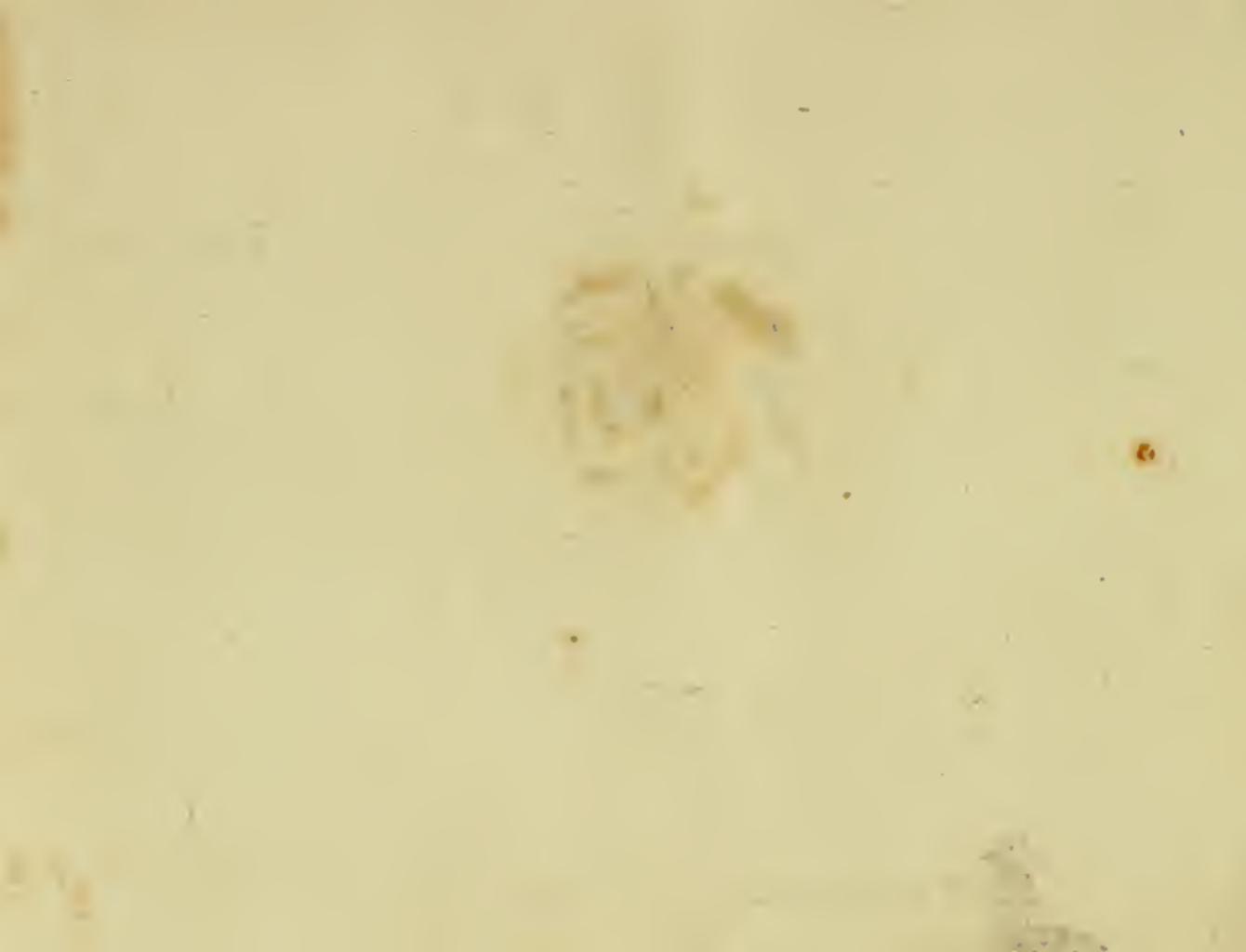


<sup>a</sup>  
I



*Phalangium phaleratum* Niki.

J. St. fee.



PHALANGIVM phaleratum.

Die buntfärige Afterspinne.

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

Legi in arenosis Mens. Iunio 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.

January 1870. 100

newspaper engaged in it

we should receive our due reward according to merit,  
such a man as you are, we expect will get

what you demand.

Now, you think me a fool, but I am not, and  
I do not think you are a fool, and I do not  
think you are a fool, and I do not think you are a fool,  
and I do not think you are a fool, and I do not think you are a fool,  
and I do not think you are a fool, and I do not think you are a fool,  
and I do not think you are a fool, and I do not think you are a fool,  
and I do not think you are a fool, and I do not think you are a fool,  
and I do not think you are a fool, and I do not think you are a fool,  
and I do not think you are a fool, and I do not think you are a fool,

you would know better.



*Aphis Piccae Mihu.*

J. St. fc.



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 Abicte* 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 rufescens: articulo primo crassiori. Pedes rufescens, femoribus apice tarsisque nigricantibus: postici elongati. Alae praegrandes omnino albo-hyalinae, lineola marginis antica ante apicem nigra. Ad *Aphid. Ligustici Fabric.* proprius accedere videtur.

a Magnitudo naturalis. b Eadem aucta.



Noctua quadra Mas Fabr.

J. St. fer.



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.

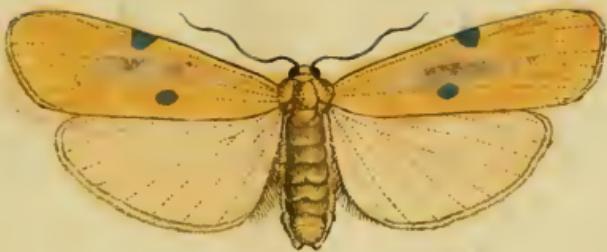
*Phalaena Noctua deplana*. Linn. Syst. Nat. Mant. I. p. 539. ed. XIII. n. 987. p. 2533.

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

Borkhausen 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 Hämpe befestigt, schwiebt. Sie ist beynahe eyrund, von Farbe braun-roth mit einem Glanz, und äussert kaum einige Zeichen des Lebens. Die Eule entwickelt sich in drey; längstens vier Wochen. *Borkhäuser.*



Noctua quadra Fem. Fabr.

J. St. fee.

1900-07-20 - 2000

NOCTVA quadra, Femina.

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

*Noctua quadra*: laevis alis depressis luteis: anticis punctis duobus cyaneis. Faber. Syst. Entom. n. 19. p. 595. Spec. Ins. T. II. n. 29. p. 254. Mant. Ins. T. II. n. 40. p. 1. Entom. syst. T. V. n. 54. p. 24.

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

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

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

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

Pod. mus. graecens. tab. 2. fig. 8.

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

Roesel Insekts. Bel. I. Th. p. 110. tab. 17.

Borkhausen a. a. O.

Rösel bemerkte einen besondern Kunstrieb 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 plötzlich auseinander, und weiss so geschickt einen Sprung zu wagen, dass sie immer auf die Füsse fällt.







