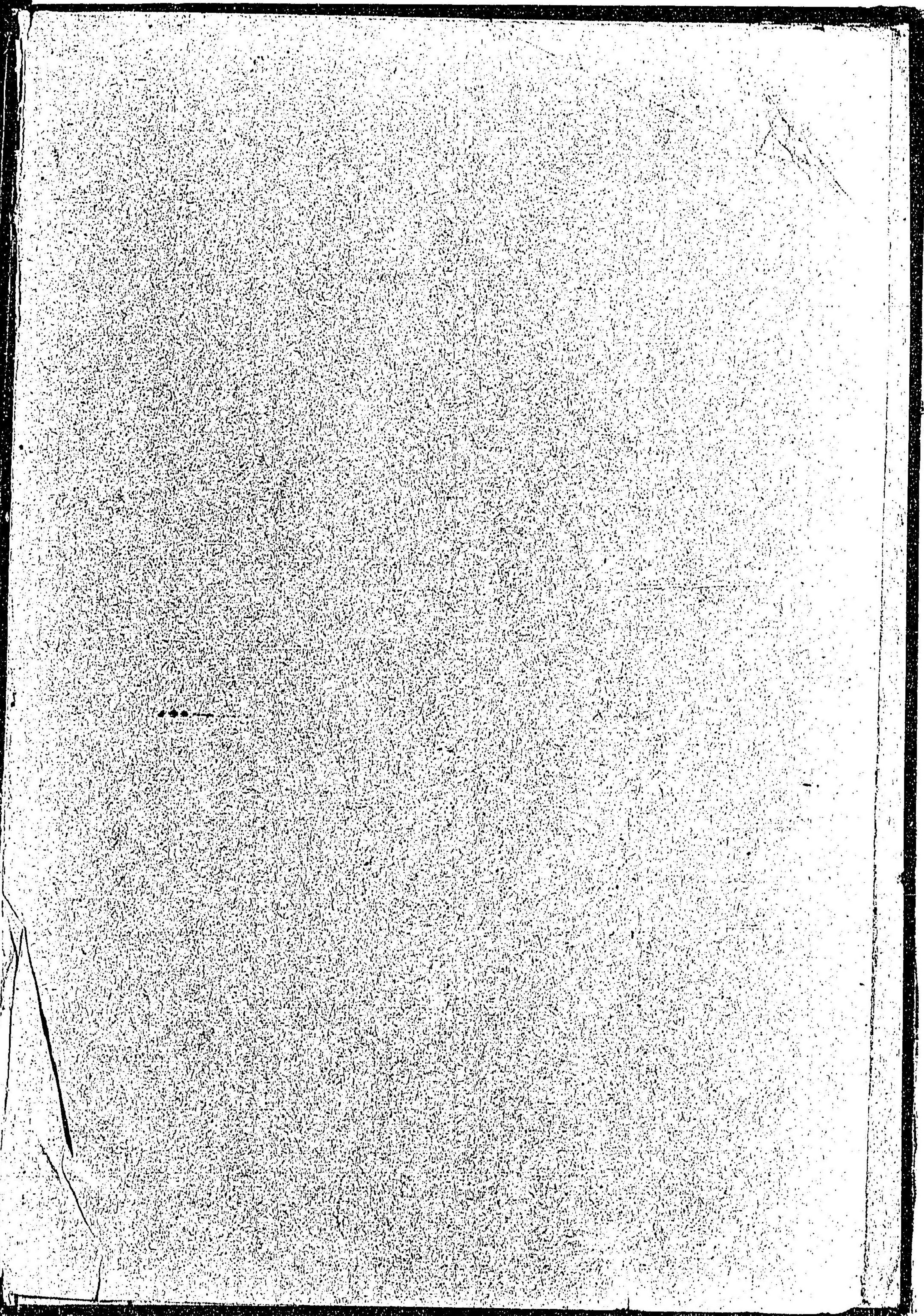
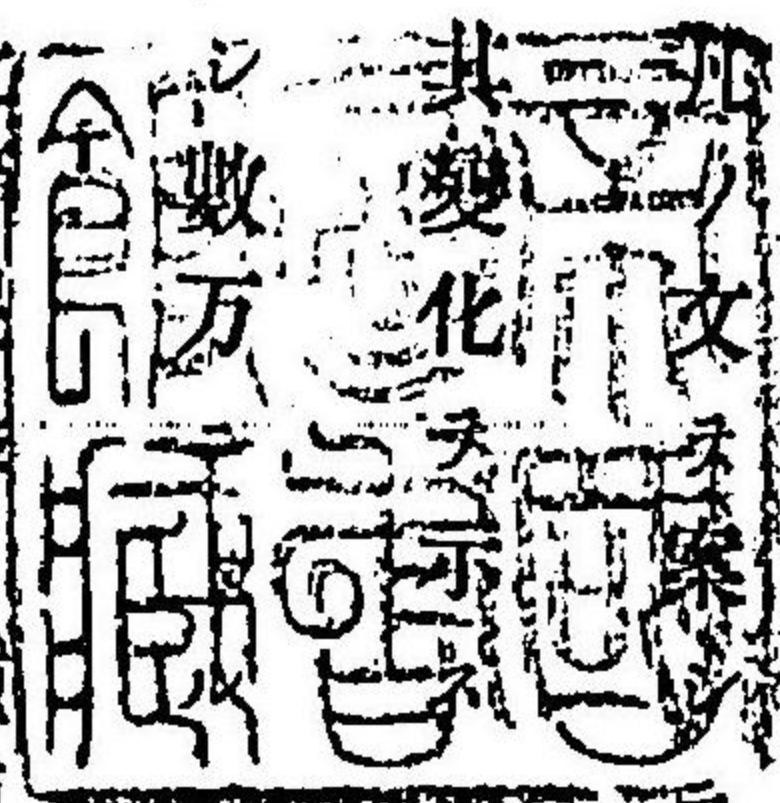


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名日本昆虫圖說

第一卷





其物ヲ判ズルハ、圖ヲ見テ其實ヲ知ルノ便ナルニ加カズ。圖ヲ以テ
 文ヲ以テ之ヲ記スルノ簡ナルニ如カズ。我日本産ノ昆蟲其種類蓋
 ク、而シテ學名ヲ有スルモノ、ミニテモ實ニ數千ニ及ベリ。然レモ
 此等昆蟲ノ種類ヲ實シ斯學研鑽ノ資ニ供スベキ圖說ノ出版ナキハ、昌代ノ一大缺
 點ニシテ予ノ常ニ遺憾トスル所ナリ。

抑モ昆蟲ノ形態タル甚區別ノ要點ハ、微ノ間ニ存スルアルヲ以テ、徒ニ手ヲ下セ
 バ一毫ノ差終ニ千里ノ誤ヲ傳フルニ至ル。是レ予ガ圖說ノ出版ヲ企テ、其ノ着手
 ニ躊躇シタル所以ナリ。幸ニ此回長野菊次郎氏ノ予ガ研究所所藏ノ標本ニ據リ精
 査講究セラル、アリ、伊藤七郎氏ノ寫生ニ、圖版ノ調製ニ畢生ノ力ヲ奮ハル、アリ、
 河田貞次郎氏ノ都テノ困難ヲ犠牲ニ供シテ印刷ニ忠實ヲ盡サレタルアリ、三者相
 俟チテ茲ニ日本昆蟲圖說ノ第一卷ノ刊行ヲ見ルニ至リタルハ、予ガ多年希望ノ一
 端ヲ達シタルモノニシテ、所謂圖ヲ見テ其實ヲ知リ文ヲ以テ其變化ヲ記スルモノ
 ナリ。然レモ予ハ此小成ニ安ンズルモノニアラズ、卷ヲ更ムルニ從ヒ其過ギタルハ

之ヲ削リ、其足ラザルハ之ヲ補ヒ、漸ヲ追フテ改善ノ實ヲ舉ゲ以テ斯學ノ研鑽ニ資
スル所アラシムヲ期ス。而シテ此圖說ニ名和ノ二字ヲ冠スル所以ノモノ、敢テ自ら
銜フニアラズ、他日天下ニ續出スベキ他ノ昆蟲圖說ト區別センガ爲メノミ以テ序
トナス。

明治三十七年八月

名和昆蟲研究所長

名和靖

著者自序

本邦ニ於ケル昆蟲學ノ基礎ヲ定ムベキ第一步ハ、日本昆蟲圖說ノ刊行ニアルコトハ、苟
モ斯學ニ志アルモノ、疑ハザル所ナリ。名和靖氏ノ斯學ニ忠實ナル斯學界百年ノ計ト
シテ之ガ出版ノ計畫ヲ策立セラル、コト久シ。時ナル哉、數年ノ苦心漸次其緒ニ就キテ
企圖成リ、準備整ヒ、遂ニ之ガ決行ノ好運ニ向ヒヌ。然リ而シテ余ノ薄學淺才未ダ十分ノ
經驗ヲ經ザル一介書生ノ身ヲ以テ之ガ第一卷著述ノ大任ニ當ルコトヲ得シハ、實ニ余
ノ光榮トスル所ニシテ、又大ニ恐懼ニ堪ヘザル所ナリ。是ヲ以テ夙夜懈ラズ之ガ責任ヲ
全フセンコトヲ期セシモ、余ノ不肖遂ニ十分ノ希望ニ添フコト能ハザリシハ、實ニ慚愧
ニ堪ヘザル次第ナリ。然レドモ不完全ナルモノモ亦無キニ優ルベキヲ信ジ、特ニ斯學ニ
熱心ナル諸賢ノ扶助ヲ得テ之ヲ削リ之ヲ加ヘナバ他日漸次完全ノ域ニ進ムベキコト
ヲモ深ク信ジ、敢テ自ら揣ラズ、遂ニ第一卷ヲ公ニスルニ至レリ。苟モ之ヲ公ニスル上ハ、
此卷ニ於ケル一言一句モ皆著者ノ責任ニ歸スベキコト固ヨリ余ノ深ク覺悟スル所ナ
リ。然リト雖モ此卷ノ發刊ヲ見ルニ至リタル決シテ余一人ノ力ノミニアラザルヲ以テ、
之ガ事情ヲ明ニスルハ是亦著者ノ義務ト云ハザル可カラズ。即チ研究材料ノ大部分ハ
皆名和靖氏ノ供給セラレタルモノニシテ、之ガ刊行ヲ見ルニ至リタル都テノ準備ハ皆

同氏ノ監督ノ下ニ成リタレバ、此卷ノ大半ハ同氏ノ力ニ歸スルト謂フモ敢テ不可ナルコトナシ。學名ニツキテハるすちやいるど氏ノ厚意多キニ居リ、又竹下浩、山縣五十雄ノ兩氏ハ常ニ余ガ情心ニ鞭撻ヲ加ヘラレ、其他理科大學教授理學博士箕作佳吉氏ノ理科大學所藏圖書ノ閱覽ヲ許サレタル、札幌農學校教授理學博士松村松年氏ノ北海道天蛾類ニツキテ報ゼラレタル、牧野富太郎氏ノ種々ノ點ニツキテ注意ヲ與ヘラレタル、神村直三郎氏、生熊與一郎氏ノ多少ノ便宜ヲ與ヘラレタル、森宗太郎氏其他研究所所員一同ノ大ニ助力ヲ與ヘラレシハ實ニ著者ノ感謝ニ堪ヘタル所ナリ。特ニ伊藤七郎氏、河田貞次郎氏ノ圖畫ニ印刷ニ畢生ノ力ヲ盡シテ殆ンド著者ニ満足ヲ與ヘラレシハ、一層ノ感謝ヲ表スル所ナリ。名和日本昆蟲圖說第一卷ノ成ルニ當リ之ガ顛末ヲ記シテ序トス。

明治三十七年八月

長野菊次郎識

凡例

- 一 此卷ハ本邦産ノ天蛾科ニ屬スル各種ニツキテ記載セルモノナレドモ、固ヨリ本邦種ヲ網羅セルモノニアラズ。
- 一 學名ハるすちやいるど氏ノ選定ニ從フ。
- 一 和名ハ先輩諸氏ノ選定ニ從フト雖モ、往々少シク變更シ、未ダ和名ナキモノニハ新稱ヲ附シタリ。
- 一 學術語モ成ルベク先輩ノ選定セラレタル所ニ從フト雖モ、往々新ニ選ビタルモノアリ。
- 一 本邦ニ於テハ未ダ色ノ標準ナキニヨリ記載ニ際シテ多少ノ不便ナキ能ハズ止ムヲ得ズ當ラズトモ遠カラザル名辭ヲ用井タリ。
- 一 成蟲ノ彩色、斑紋等標本ノ異ナルト其新舊トニ從ヒテ多少ノ差アリ、是等ハ成ルベク新ラシキ標本ニヨリ、且多數ニ從ヘリ。
- 一 幼蟲ノ彩色ニモ非常ノ差異アレバ、其最モ甚シキモノニ對シテハ第一形、第二形等ノ稱ヲ附シタリ。然レドモ往々蛻皮毎ニ多少其色ヲ變ズルモノアルニヨリ之ヲ完全ニ記載スルコト頗ル困難ナリ、故ニ是等ハ主ニ十分生長シタルモノニヨル。
- 一 幼蟲蛹等ニテ未ダ余ノ知ラザルモノモ皆之ヲ記スベキ位置ヲ存シタリ、コレ知ルニ從ヒテ記入スルノ便利ヲ計リテナリ。
- 一 季節ノ如キハ地方ニヨリ多少ノ差異アルベク、嗜好植物ノ種モ亦多々アルベシ。
- 一 分布ニツキテハ調査最モ不完全ナリ、知ルニ從ヒテ追補センコトヲ期ス。

明治三十七年八月

著者 識

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和名 日本昆蟲圖說第一卷



科 Sphingidae

長野 菊次郎 著

天蛾科 Sphingidae ハ 鱗翅目 Lepidoptera 蛾類 Heterocera ノ 一科ニシテ、學名ハ其 一屬オアルスひんくす Sphinx ヨリ來リ、其語原ハ遠ク希臘ノ神話ニ因メル埃及ノすひんくす Sphinx(女面獅身ノ像)ヨリ導カル、蓋シ其幼蟲ノ頭部ヲ擡ゲタル狀ノ多少是ニ類似セルヲ以テナリ、千七百六十七年ヨリにあす Linnaeus 氏ノ創定セル所ニシテ、一千八百十九年ヨリ一ち Latreille 氏ニ至リテ天蛾科 Sphingidae ナ創立スルニ至リヌ。

成蟲ハ大形或ハ中形ノ蛾ニシテ肥大ナル體軀ヲ有シ、頭部ニハ密毛ヲ生ジ、單眼ヲ有セズ、複眼ハ球狀ヲ呈シ、黒褐或ハ茶褐色ナルヲ常トス、觸角ハ中央或ハ先端ニ至ルニ從ヒテ肥厚トナリ、雄ニアリテハ各節ニ短キ粗毛ヲ密生セリ、吻ハ通常甚ダ長クシテ往々體長ノ二倍ニ達シ強クシテ發條狀ヲナス、稀ニ短クシテ柔ナルコトアリ、下唇鬚ハ中庸ニシテ上ニ向ヒ突出シタル鱗ヲ以テ密ニ被ハレ、胸部ハ下面密毛ヲ生ジ、腿節モ亦毛ヲ密生セリ、前方ノ脛節ニハ脛節片ヲ有シ、後方ノ脛節ニハ二對ノ距ヲ有ス、前翅ハ長ク伸長シテ略三角形ヲ呈シ、翅端尖レリ、1 脈ハ基部又狀ヲナシ、9 脈ヲ缺クコト多シ、後翅ハ比較的小ニシテ之ヲ展張スルトキ腹部ノ半ニ達セズ、3 脈ト4 脈トハ基部ニ於テ接近シ、横脈ノ中央ヨリ4 脈ニ並行ニ5 脈ヲ出セリ、6 脈ト7 脈トハ同所ヨリ發スルカ又ハ柄ヲ有シ、8 脈ハ中央ヨリ前方ニ於テ斜條ニヨリ室ト連續シ、室ヲ過ギテ多少7 脈ニ接近セリ。

幼蟲ハ裸體ニシテ圓筒狀ヲ呈シ、皮膚ハ横皺ヲ有シテ平滑ナルカ又ハ少顆粒ヲ有シ、第十一節ノ背部ニ一本ノ尾角或ハ小隆起ヲ有セリ、色彩ハ同種ニテ數條ヲ呈スルアリ又ハ眠齡ニヨリテ之ヲ異ニスルコ

トアリ。

蛹ハ黄褐色赤褐色或ハ暗褐色等ヲ呈シ、通常紡錘狀ヲ呈スレドモ往々吻鞘隆起突出シテ或ハ楔狀ヲ呈シ、或ハ胸部ヨリ離レテ下垂シ、又ハ捲旋スルコトアリ、多クハ地中ニ入りテ裸體ノマ、蛹化スレドモ或ハ粗糞ナル繭ヲ營ムコトアリ、暖地ニ於テハ地上ニ粗糞ヲ營ミテ蛹化スルコト少カラズ。

(一) エビガラスズメ 異名 エビガラテフ。

Herse convoluti L.

(第壹版第五圖 A 幼蟲第一形、B 蛹、C 成蟲)

成蟲 前翅ハ暗灰色或ハ濃灰色ニシテ灰白色ノ微點ヲ滿布シ、前縁ヨリ内縁ニ走レル黑色或ハ灰色ノ齒狀ヲ呈スル線條數箇アリ、中央ニ灰色ノ小腎形紋アリテ黑色縁ヲ有ス、其後方ニ黑色ノ縱線二箇アリ又其外方ニ黑色ノ犬牙狀線アリ、前縁角ヨリ斜ニ内方ニ向ヘル黑色ノ彎曲線一箇アリ、其尖端犬牙線ニ接セリ、外縁部ノ中央ニ黑環ヲ有セル圓紋二個アリ往々腎形ヲナスコトアリ、裏面ハ灰色ニシテ灰白色ノ微點ヲ滿布スルコト表面ニ同ジク、中央ヨリ基部ニ亘リ灰褐或ハ灰色ノ毛ヲ密生シ、又微ニ濃色ノ横帶ヲ認ムベシ、後翅モ暗灰色ニシテ微細ノ灰白點ヲ滿布シ四箇或ハ五箇ノ黑色横帶ヲ有シ基部ニ近キモノハ短クシテ幅廣ク其他ハ多少波狀ヲ呈ス、裏面ハ略前翅ノ裏ニ同ジ、但シ濃色ノ横帶數箇ヲ認ムベシ、縁毛ハ暗灰色ト灰色ト交互シ、後翅ノ内縁ニハ白毛ヲ生ゼリ、頭部及ビ胸部ハ灰褐色ニシテ黑褐縦條ヲ有シ後方ハ黑色ニテ限ラル、腹部ノ背面ハ灰褐色ナレドモ每節ニハ黑色、赤色、白色ノ三環帶アリ、觸

鱗翅目 天蛾科 (三)

角ハ灰色、複眼ハ大ニシテ黑褐色、脚及ビ體ノ下面ハ灰色ニ少シク黄色或ハ赭色ヲ混ジ、腹ノ下面ニハ黑斑ヲ見ルコトアリ、但シ其數ハ一定セズ、翅ノ展張三寸乃至三寸五分、體長一寸四五分。

幼蟲 綠色ト褐色トノ二様アレドモ普通ニ見ル所ハ綠色ノモノナリ。

第一形 頭ハ綠色ニシテ各顛頂板ニ各一箇ノ濃色條アリ、軀幹ハ綠色ニシテ第四節ヨリ第十一節ニ至ル側部ニハ暗紫色ト黄白色トノ相半セル七箇ノ斜條ヲ有シ、背線ハ多少濃色ナレドモ分明ナラザルコト多シ、第一及ビ第十二節ヲ除クノ外ハ背線ノ左右ニ淡黑色ノ點アリ、各節ノ横皺ハ八箇ナリ、氣門ハ黑色ニシテ黄褐圈ヲ有シ又往々其周圍モ黑色ヲ呈セリ、尾角ハ黄褐色ニシテ尖端黑色ナリ、胸脚ハ淡綠色ニシテ黑色ヲ混ジ、腹脚ノ尖端ハ黑褐色ナリ。

第二形 頭ハ黄褐色ニシテ顛頂板ニ各一箇ノ黑條ヲ有ス、觸角ハ淡青色ニシテ尖端黄褐色ヲ呈シ、第一節ノ前端ニ黑點アリ、體軀ハ暗褐色ニシテ第一及ビ第十一節ヲ除クノ外、黑色ノ點ヲ散布シ、背線ハ黑褐色ナリ、第四節ヨリ第十一節ニ亘リ黑褐色ノ斜條七箇アリ、氣門ハ黑色、氣門下線ハ淡紅色ニシテ褶ノ如ク起伏セリ、腹面ハ淡黑色ニシテ、腹線ハ黑色ナリ、十分生長スルトキハ其長サ三寸餘ニ及ブ。

蛹 濃褐色ヲ呈シ、頭端ヨリ突出セル吻鞘ハ二重ノ卷旋ヲナセリ。

季節 成蟲 五月乃至九月、幼蟲 六月乃至十一月。

嗜食植物 さつまいも、あさかほ、ひるがほ、ふぢまめ、あづき、つるな。

分布 北海道、本島、四國、九州、臺灣。

附說 最モ普通ニ産スル種ナルヲ以テ古來人ノ注意ヲ惹ケルコト多シ、千蟲譜ニ、牽牛蠹蟲トアルハ即チ是ナリ、又其記事ニ、桐顔ノ莖葉ニハ絶エテ蟲ノツカザルモノト人々思居ツレドモ風ノ透サル所ニテ葉多クモリタルニハ、ヤ、モスレバ此蟲付クコトアリ、此蟲月ヲ經レバ極メテ大ニナリテ三寸餘ニ至ルモノアリ、早クトリ捨テザレハ花ノ蓓蕾ヲ喰折リテ花ヲサカセズ、大ニ害ヲナスモノナリ、コレイ

もむしの類ナリ下アリ成蟲ノ腹部ノ蝦ノ腹部ニ似タルニヨリ、びがらすずめノ名アリ。

(二) メシガタスズメ

異名 ガイコツテフ。ドクロガ。

(第一版第四圖 A 幼蟲第一形、B 蛹、C 成蟲)

Acherontia styx moor. var. crathis Rothschild.

成蟲 前翅ハ黒色或ハ黒褐色ニシテ、微細ノ白點ヲ滿布シ、黄色或ハ黄褐色ノ鱗毛ヲ混セリ、數箇ノ波状黒條アリテ前縁ヨリ内縁ニ走り、濃黄褐色ノ室點ヲ有ス、基部ニ近ク淡黄褐色ノ波形條ヲ有シ、外縁部ニ近ク白色或ハ黄褐ノ波形條二箇アリ、黄色ノ縦線數箇翅脈ノ間ニ走レドモ明瞭ナルハ二三條ニ過キズ、外縁部ノ翅脈間ニ黄金色ノ短縦線アリ、基部ニハ濃黄色ノ毛ヲ生ゼリ、裏面ハ黄褐色ニシテ三箇ノ黒色横條ヲ有シ、外方ニ位スルモノハ其幅廣ケレドモ色ハ却テ淡シ、基部ニハ黄褐色ノ毛ヲ密生セリ、後翅ハ濃黄色ニシテ前縁ヨリ内縁ニ走レル二箇ノ黒色廣帯ヲ有シ、内方ニ位スルモノハ往々淡キアアリ共ニ多少彎曲セリ、基部ニハ濃黄色ノ毛ヲ叢生シ、翅脈ハ多少ノ黒色ヲ呈セリ、裏面ハ前翅ノ裏ト殆ンド同一ナリ、頭部ハ黒褐色ヲ呈シ、胸部ハ黒褐色ニ紫色、黒色及ビ黄褐色ヲ混ジテ襖體狀ノ著シキ斑紋ヲ印シ、其後部ニ倒八字形ノ淡碧色線アリ、腹部ハ濃黄色ニシテ背上ニハ灰藍色ノ縦帯ヲ有シ、各節ニ黒褐色ノ横帯ヲ有セリ、其下面モ濃黄色ニシテ數箇ノ黒斑アリ、觸鬚ハ黒褐色ニシテ尖端白色ナリ、複眼ハ大ニシテ淡褐色ヲ呈ス、脚ハ黒褐色ニシテ黄褐色ノ環帯ヲ有ス、翅ノ展張ニ寸八分乃至三寸九分、體長一寸四分乃至一寸七分。

幼蟲 黄綠色ノモノ普通ナレドモ稀ニ黒褐色ノモノアリ。

第一形 黄綠色ニシテ頭部割合ニ小サク、若シ體ノ前方ヲ縮ムルトキハ胸部第一節ハ殆ント頭部ヲ覆フニ至ル、第一節ヨリ第三節ニ至ルマデハ全く無紋ニシテ單ニ綠黄色ヲ呈シ、第四節ヨリ第十一節ニ亘

リテ七箇ノ側斜帶ヲ有シ殆ンド背部ニテ相合セリ、側斜帶ハ前方青ク後方黄ナリ、又此等ノ節間ノ背部ニハ青色ノ細點ヲ散布セリ、各節ノ横皺八個ヲ算ス、尾角ハ黄色ニシテ綠色顆粒ヲ散布ス、氣門ハ黒色ニシテ黄色圈ヲ有ス、胸脚ハ黒色ニ灰色ヲ混ジ基部ハ綠色ナリ、腹脚ハ綠色ニシテ鉤爪ハ黒色ヲ呈ス、十分生長スルトキハ其長サ三寸餘ニ及ブ。

第二形 黒褐色ニシテ多少紫色ヲ帯ビ灰色ノ細點ヲ滿布シ、側線ハ灰色ヲ呈ス、第二第三ノ兩節背上ニ數箇ノ横條斑アリ、第一節ニ數箇ノ黒斑アリ、氣門ハ黒色、胸脚ハ黒色ニシテ灰黄色ノ細點ヲ散布ス、腹脚ハ體ト同色ニテ細點ヲ散布シ中部黒色ナリ。

蛹 赤褐色ニシテ紡錘狀ヲ呈セリ。

季節 成蟲 六月乃至九月、幼蟲 六月乃至十月。

嗜食植物 おま、なす、じやがたらいも。

分布 本嶋、四國、九州。

附説 卵ハ淡黄色ニシテ球狀ヲ呈シ一箇ヅ、食草ニ産附ス、成蟲及ビ幼蟲共ニ一種ノ音ヲ發ス、年二回ノ發生ヲナスコト通例ナレトモ或ハ一回ナルコトアリ。

(三) シモフリスズメ

(第二版第三圖 A 幼蟲第一形、B 蛹、C 成蟲)

Psilogramma menephron Cramer. var. incerta walker.

成蟲 前翅ハ灰黒色ニシテ微細ノ白點ヲ滿布セリ、前縁ヨリ内縁ニ走レル數箇ノ黒色鋸齒帶アレドモ明瞭ナラザルコト多シ、中央ニ二箇ノ黒色縦條ヲ有シ、前縁角ヨリ前縁ノ一部ニ亘レル黒色ノ波状線アリ、白色ノ室點ヲ有スレドモ明瞭ナラザルコトアリ、裏面ハ暗灰色ニシテ二箇ノ暗色横帯ヲ認ムベシ、基

部ニハ灰白色ノ毛ヲ密生ス、後翅ハ灰黒色ニシテ外縁ニ近ツクニ從ヒ漸次其濃度ヲ加ヘ、臀角ニ近ク白毛ヲ混ゼリ、基部ヨリ内縁ニ亘リ灰白毛ヲ密生ス、微ニ外縁ニ平行セル一乃至二箇ノ黒色横帯ヲ認ムベシ、但シ内縁ニ近キ部ニ於テ著シキヲ常トス、裏面ハ略上翅ノ裏ニ同ジ、縁毛ハ黒色ト白色トヲ交互セリ、體ノ背部ハ灰黒色ニシテ灰色毛ヲ混ジ、胸部ハ特ニ黒色帯ニテ境界ヲナセリ、腹部ニハ三箇ノ黒縦帯アリテ中央ノモノ最モ濃ク左右ノモノハ淡クシテ廣シ、棘ノ下面ハ殆ソド白色ナリ、複眼ハ黒色、觸角ハ灰白色ニシテ櫛齒暗灰色ナリ、唇鬚ハ灰白色ニシテ中部黒褐色ヲ呈ス、脚ハ白色或ハ灰色ニシテ跗節部ハ黒褐色ヲ呈ス、翅ノ展張ニ寸六分乃至四寸二分、林長一寸三分乃至二寸、

幼蟲 幼蟲ニハ其彩色ヲ異ニセルモノ種々アレドモ今普通ナルモノニ形ヲ舉ゲン、十分成長セルモノハ其長サ三寸内外アリ、

第一形 頭部ハ綠白色ニシテ顛頂板ニ淡青色條各一箇アリ、體ハ綠色ニシテ白色ヲ帶ビ、各部ニ黒點ヲ散布セリ、第二、三節ノ背上ニ白色ノ點數箇ヲ並列セリ、第四節ヨリ第十一節ニ亘リ其側部ニ七箇ノ白色斜條アリテ其白條ノ前方ハ淡青紫色ヲ帶ベリ、第十一節ノ硬皮板及ビ第十二節ノ側部ニハ褐色ノ顆粒ヲ有シ、各節ノ横皺ハ中央部ニテ八箇ヲ數フベシ、氣門ハ黒色ニシテ黃白圈ヲ有ス、尾角ハ淡褐色ニシテ白色ノ顆粒アリ、胸脚ハ黃白色ニシテ尖端及ビ基部ノ一小部黒褐色ナリ、腹脚ハ綠色ニシテ外方ノ鉤爪ハ灰黒色ニ、内方ノモノハ黃褐色ナリ、

第二形 第一形ニ比スレハ綠色一層濃ク、顛頂板ニハ褐色條ヲ有シ、白色側斜條ノ前縁ハ褐色ヲ呈セリ、其他ハ略第一形ニ均シケレドモ全體褐色ノ條斑ニ富メリ、

蛹 暗褐色ニシテ吻鞘ハ前方ニ突出シ弓狀ヲ呈ス、

季節 成蟲 五月乃至八月、幼蟲 六月乃至九月、

嗜食植物 さり、いばた、ひらぎ、くさぎ、

分布 北海道 本嶋 四國 九州 琉球

(四) クロスズメ 異名 マツノイモムシテフ

(第二版第四圖 A幼蟲、B成蟲)

Hyloicus caliginus Butler.

成蟲 前翅ハ暗灰色ニシテ灰白色ノ微細點ヲ滿布シ、基部ニ灰色ノ毛ヲ生ズ、二箇ノ不明ナル黒褐廣帯アリテ前縁ヨリ内縁ニ向ヒテ走り、中央ニテ鋭ク屈折シテ一ハ基部ニ至リ、一ハ内縁ノ中央ニ至ル、此帯間ニ黒色ノ短線三箇或ハ四箇アリ、白色ノ室點ヲ有スレドモ往々明瞭ナラザル、前縁角ニ近ク黒褐色ノ彎曲短線アリ、裏面ハ灰褐色ニシテ紋理ヲ有セズ、後翅ハ灰褐色ニシテ基部少シク淡色ナリ、裏面ハ上翅ノ裏ニ均シ、縁毛ハ灰白色ト黒褐色トヲ交互セリ、頭部ハ黒褐色ニ灰白色ヲ混ヘ、胸部ハ暗灰色ニシテ弧門形ノ黒褐色斑ヲ有セリ、腹部ハ暗灰色ニシテ背上ニ一箇ノ黒褐縦帯ヲ有シ、各節ニ黒褐色ノ横帯アリ、複眼ハ黒色、觸角ハ暗灰色、脚ハ暗褐色ニシテ跗節ノ各節ニ白色環アリ、翅ノ展張ニ寸乃至二寸六分、體長一寸内外、

幼蟲 頭部ハ褐色ニシテ顛頂部ニ各一本ノ黒條アリ、背部ハ黒褐或ハ赤褐色ニシテ亞背線ハ黃白色ナリ、側線ハ白色ニシテ其下部ハ綠色ヲ呈シ、氣門線ハ黒色ナリ、氣門ハ淡黃色ニシテ、氣門下線ハ淡黃綠色ナリ、第一節ニ四箇ノ黒斑ヲ有シ、第十一節ノ硬皮板及ビ第十二節ノ側部ニハ黒色ノ小顆粒アリ、各節ノ横皺ハ八箇ヲ數フベシ、腹部下面ハ黒褐色ニシテ黃綠色ヲ交ヘ、胸脚ハ黃褐色ニシテ、腹脚ハ灰茶褐色ナリ、尾角ハ比較的長クシテ紫褐色ヲ呈シ短キ剛毛ヲ生ズ、十分生長シタルモノハ其長サ二寸内外ナリ、

蛹 黒褐色ニシテ尾端ニ針狀突起ヲ有ス、

季節 成蟲 五月乃至七月、幼蟲 六月乃至九月、

嗜食植物　くろまつ　あかまつ

分布　本嶋　四國　九州

附説　卵ハ綠色ニシテ光澤ヲ有シ松葉ニ産附ス千蟲譜下卷ニ松ノ蠹蟲又ハ松ノ葉ヲ食フ蟲トアルハ即チ此蛾ノ幼蟲ナリ

(五) ササナミスズメ 異名　チヂミモチミドリイモムシナフ

(第五版第一圖　A幼蟲、B蛹、C成蟲)

Dolbina tanceri Strand.

成蟲　前翅ハ暗黄灰色ニシテ少シク綠色ヲ帯ビ、外縁部ハ多少紫灰色ヲ呈セリ、内半ニハ數箇ノ暗色波形條アレドモ不明瞭ナルコト多シ、但シ前縁部ノ起點ハ斑點トナリテ明ニ存スルコト常ナリ、後半ニハ三箇ノ黒褐色波形條アレドモ其中央ノ一條ハ明瞭ヲ缺ケリ、白色ノ室點アリ、縁毛ハ黒色ト灰色トヲ交互セリ、後翅ハ暗灰褐色ニシテ外半ハ多少濃色ヲ呈シ斑理ヲ有セズ、縁毛ハ前翅ニ同ジ、裏面ハ共ニ暗灰褐色ニシテ外縁部ハ淡色ヲ呈シ、濃色ノ彎曲條一箇ヲ認ムベシ、體ハ暗黄灰色ニシテ少シク綠色ヲ帯ビ、肩部ハ黒色ヲ呈シテ胸部ニ四箇ノ暗色縱條アリ、腹部ノ背條ハ暗色ニシテ其左右ニハ各節皆二箇ノ黒斑ヲ有セリ、翅ノ展張一寸八分乃至二寸二分、體長八分乃至一寸

幼蟲　綠色ニシテ頭部ノ各顛頂板ニハ白色縱條一箇アリ、此白條ノ後方ハ淡赤褐色ヲ帯ブ、胴部ハ各節ニ八個ノ横皺ヲ有シテ各皺ニ白色ノ細點ヲ均列セリ、第三節或ハ四節ヨリ第十一節ニ亘リテ七箇ノ白色側斜條ヲ有シ、此斜條ノ前上方ニハ帶褐紅色斑ヲ有シ、斜條ノ後下方ニハ青紫色斑アリ、腹部ノ下面ハ青綠色ニシテ各節ニ淡黄綠色ノ菱形紋ヲ有シ、胸脚ハ淡褐ニ黒色ヲ混ジ、腹脚ハ褐色ニ紫ヲ混ゼリ、氣門ハ白色ニシテ側部黒色ナリ、尾角ハ淡緑ニシテ淡紅色ヲ帯ビ、黒色ノ小顆粒アリ

蛹　黒褐色ニシテ紫色ヲ帯ベリ

季節　成蟲　五月乃至七月　幼蟲　五月乃至九月

嗜食植物　こねりこ　いぼた　ねずみもち

分布　本嶋

(六) ホリバスズメ

(第三版第七圖　成蟲)

Oxyamblyx ochracea Butler.

成蟲　前翅ハ暗褐色或ハ黄褐色ニシテ、暗色ノ齒狀横帶三箇ヲ認ムベシト雖ドモ明瞭ナラザルコトアリ、幽ニ暗色ノ室點ヲ見ルベシ、内縁角ヨリ前縁角ニ向ヒ淡色ノ弧線アリテ其外部ハ暗褐色ヲ呈セリ、基部ニ帶緑黒褐色ノ圓紋一箇ヲ有シ、内縁角ニ近ク二箇ノ黒褐色紋アリテ往々連結ス、裏面ハ橙褐色ニシテ外縁部ニ赤褐色ノ弧線ヲ有シ、其外部ハ灰黄色ナリ、又赤褐色ノ大小斑ヲ散布セリ、後翅ハ橙褐色ニシテ暗褐色點ヲ分布シ、暗褐色ノ横條數箇アリテ其内、翅ノ半ニ達セザルモノアリ、外縁部ハ暗色ヲ帯ブ、裏面ハ略上翅ノ裏面ニ同ジク、赤褐色ノ條及ビ點紋ヲ散布セリ、棘ハ黄灰色ニシテ少シク褐色ヲ帯ビ、頭ニ暗褐色ノ斑紋ヲ有シ、胸部ノ左右ハ暗緑褐色ヲ呈シテ、其後方左右ニ黄灰色ノ新月小紋ヲ有シ、其後方ハ茶褐色ヲ呈ス、腹部ノ第六節ノ側面、及ビ第八節ノ上面ニ暗褐色ノ斑アリ、體ノ下面ハ橙褐色ナリ、第一脚ハ黄白色、第二脚ハ暗褐色ニシテ、腿脛節ニハ黄褐色ノ毛ヲ生ズ、翅ノ展張三寸乃至三寸四分、體長一寸二三分

幼蟲

蛹

季節 成蟲 七八月
嗜食植物 本嶋

(七) トビロスズメ

(第四版第三圖 成蟲)

Clanis bilineata Walker.

成蟲 前翅ハ褐色ニシテ多少紫色ヲ帯ビ、外縁部ハ緑褐色ヲ呈シ、前縁角ニ三角形ノ紫褐色斑アリ、紫褐色ノ波狀線三箇前縁ヨリ内縁ニ亘レリ、基底ニ近ク二箇ノ紫褐色波狀線アリテ基部ヨリ中央部ニ亘リテハ紫褐色ノ曇影ヲ有ス、裏面ハ黄褐色ニシテ前縁角ヨリ内方ニ向ヒタル一箇ノ紫褐色斜線、及ビ前縁ヨリ内縁ニ走レル三箇ノ紫褐色横線ヲ見ルベシ、然レドモ半バ明瞭ナラザルヲアリ、基部ヨリ中央ニ向ヒテ暗褐色ノ毛ヲ縱帶狀ニ生ゼリ、後翅ハ暗褐色ニ黒褐ヲ混ジ内縁部、及ビ基部ハ黄褐色ヲ呈セリ、内縁角ニ近ク淡紫色ヲ帯ビ、幽ニ二箇ノ鋸齒狀亞外縁線ヲ見ルベシ、裏面ハ黄褐色ニシテ前縁ヨリ内縁ニ走レル三箇ノ濃色波條ヲ認ムベシ、頭胸部ハ暗黄褐色ニシテ少シク綠色ヲ帯ビ、腹部ハ黄褐色ナリ、翅ノ展張三寸三分乃至三寸八分、軀長一寸三分乃至一寸五分。

幼蟲

蛹

季節

嗜食植物

分布 本嶋

(八) モモスズメ

(第二版第二圖 A幼蟲第一形、B成蟲)

Marmuba gaschkewitschi Brem. et Grey. var. *echephron* Boisdl.

鱗翅目 蛾科 (二)

成蟲 前翅ハ暗褐色或ハ赤褐色ニシテ多少紫色ヲ帯ビ、紋理ニハ多少ノ變化アレドモ、最モ普通ナルハ基部ニ濃色ノ半横線アリ、次ニ一箇ノ彎曲横線アリ、次ニ二箇或ハ三箇ノ彎曲横線アリテ内縁ニテ殆ンド相合シ、其間ハ濃褐色ヲ呈シテ彎曲帶ヲ形成セリ、中央ニ紫褐色ノ新月狀紋アリ、其外方ニ濃褐色ノ彎曲廣帶ヲ有シ、濃色線ニテ限ラレ、其外側ハ突出セリ、此廣帶中ニ一乃至二箇ノ濃線ヲ認ムベシ、次ニ一箇ノ彎曲横線アリテ其外部ハ暗紫褐色ヲ呈ス、内縁角ヨリ基部ニ涉レル一帯ハ紫褐色ヲ呈シ、内縁角ニ近ク二箇ノ黒褐紋アリ、前ナルハ橢圓形ニシテ後ナルハ略菱形ナリ、然レドモ往々連結セルヲアリ、裏面ハ淡赤褐色ニシテ外縁部ハ暗褐色或ハ黄褐色ヲ呈シ、中央ニ暗褐色或ハ黄褐色ノ廣横帶アリテ濃線ニテ縁トラレタリ、基部ニハ肉色ノ毛ヲ生ゼリ、後翅ハ肉紅色ニシテ外縁部ニ至ルニ從ヒ漸次暗褐色ヲ呈シ、内縁角ニ近ク二箇ノ黒褐色紋アリ、然レドモ往々連結シテ短キ帶狀ヲ呈スルヲアリ、此等ノ紋ノ前方ハ紫色ヲ帯ビテ淡紫黒色ノ曇影アリ、裏面ハ前翅ノ裏面ニ同ジ縁毛ハ暗褐色又ハ紫褐色ト白色トヲ交互シ、甚ダ短シ、體ハ紫褐色ニシテ背部ハ兩側ヨリモ一層濃厚ナリ、胸部ノ背上ニ不明瞭ナル暗條アリ、觸角ハ淡黄色ニシテ脚ハ赤褐色ナリ、翅ノ展張二寸四分乃至三寸一分、體長一寸乃至一寸二分。

幼蟲 綠色ヲ呈スルモノ普通ナレドモ往々黄色ノモノヲ見ルコトアリ、十分生長スルトキハ其長サ二寸七八分ニ達ス。
第一形 頭部ハ三角形ニシテ緑青色ヲ呈シ、顛頂部ニハ各一箇ノ白條アリ、體軀ハ黄綠色ニシテ黄白色ノ顆粒ヲ散布セリ、第一節ヨリ第三節ニ亘リテ淡黄色ノ顆粒側線ヲ有シ、第四節ヨリ第十一節ニ亘リ七箇ノ黄色斜條アリ、背上ニテ殆ント相合セリ、背線ハ體ヨリ少シク淡色ナリ、各節ノ横皺ハ九箇アリ、氣門

ハ白色ニシテ黒縁ヲ有シ、胸脚ハ黄色ニ淡紅色ヲ混ジ、尖端赤色ナリ、腹脚ハ赤褐色ヲ混ゼリ、尾角ハ體下
同色ニシテ黄白色ノ顆粒ニ富ミ比較的長シ。

第二形 全體黄色ニシテ側部橙色ヲ呈シ黄白色ノ顆粒ニ富メルコトハ前形ニ同ジ、黄色ノ顆粒斜條七箇
アリテ各條ノ前方ハ赤褐色ヲ帶ベリ、尾角ハ黄綠色ニシテ黄色ノ顆粒ニ富ミ、胸脚ハ黄綠色ニシテ赤色
ヲ混ジ、腹脚ハ淡黄綠色ニシテ黒褐色及ビ褐色ヲ混ゼリ、其他ハ前形ニ同ジ。

蛹 黒褐色ニシテ尾端ニ短刺ヲ有ス。

季節 成蟲 五月乃至八月。 幼蟲 六月乃至十月。

嗜食植物 もよ。 さくら。 ひがんだくら。 かいごう。

分布 北海道 本嶋 四國 九州

附説 重ニ嗜食植物ノ葉ノ裏ニ産卵シ、年二回ノ發生ヲナスモノナラン。

(九) クチハスズメ

異名 カシノイモムシテフ

(第三版第六圖 A幼蟲、B蛹、C成蟲)

Marumba speerchius Mén.

成蟲 前翅ハ淡褐色或ハ淡暗褐色ニシテ白ミヲ帶ビ、外縁部及ビ中央ノ一部ハ暗褐色ヲ呈セリ、中央
ニ一箇ノ濃褐色ノ新月形紋ヲ有ス、然レドモ往々明了ナラザルコトアリ、其内方ニハ濃褐色ノ四箇ノ彎
曲線ト、一箇ノ半横線トヲ有シ、此等ノ線トノ間ハ往々暗褐色ヲ呈シテ殆ンド帶狀ノ觀ヲ呈ス、但シ
此帶ハ内縁ニ近ツクニ從ヒ漸次狹小トナレリ、又其外方ニハ四箇ノ横線アリテ亦往々帶狀ノ觀ヲ呈シ
其外方ニ二箇ノ彎曲線アリ、内縁ニ近ツキテ相接近セリ、内縁角ニ近ク、赭褐色或ハ黒褐色ノ斑紋アリテ
一ハ四クニハ三角形ヲナセリ、基部ニハ灰黄白色ノ毛ヲ叢生セリ、裏面ハ黄褐色ノ茸毛ヲ叢生シテ紋理

ハ略表面ニ同ジケレドモ内縁角ニ近キニ斑紋ヲ見ルコトナシ、後翅ハ暗黄褐色或ハ暗褐色ニシテ臀角ニ
近キ一部ハ灰黄白色ヲ呈ス、臀角ニ近ク二箇ノ赤褐色或ハ黒褐色ノ斑紋アリ、裏面ハ前翅ノ裏面ト略同
一ニシテ數箇ノ彎曲横線ヲ認ムベシ、縁毛ハ略翅ノ毛ニ同ジ、軀ハ灰黄白色或ハ黄褐色ニシテ、胸部ノ背
面ニハ三條ノ暗黄褐色縦線ト、肩部ヨリ内方ニ向ヘル斜線トヲ有シ、又腹背ニハ一箇ノ暗黄褐色線ノ縱
走セルアリ、下面ハ都ベテ灰褐色ヲ呈ス、脚ハ褐色ニシテ白ミヲ帶ベリ、翅ノ展張三寸二分乃至四寸二
分、體長一寸二分乃至一寸六分。

幼蟲 體軀ハ黄綠色ニシテ微細ノ白點ヲ滿布シ、側部ノ下方及ヒ下面ニ近ク濃赤褐色ノ細點ヲモ散
布セリ、第四節ヨリ第十一節ニ亘リ、側部ニ七箇ノ黄色斜條ヲ走ラシメ、此斜條面ニハ一列ニ赤點ヲ並列
セリ、第一節ヨリ第三節ノ側部ニハ淡黄色ノ縦線ヲ有ス、各節ノ横皺九箇ヲ數フベシ、頭部ハ三角形ニシ
テ青綠色ヲ呈シ、白色ノ小點ヲ散布シテ、顛頂板ニ各一箇ノ點狀白線アリ、氣門ハ赤色ニシテ黒圈ヲ有シ、
觸角及ヒ口器ハ赤色ナリ、胸脚ハ赤色ヲ呈シ、腹脚ハ體ト同色ナリ、尾角ハ淡綠色ニシテ白色ノ小顆粒ニ
富メリ、成熟セルモノハ長サ殆ント三寸アリ。

蛹 濃褐色ニシテ尾端ニ短刺ヲ有シ、長サ一寸七八分アリ。

季節 成蟲 六月乃至八月。 幼蟲 七月乃至十月。

嗜食植物 あらがし、其他の櫛類、くり。

分布 北海道 本嶋 四國 九州 琉球

(十) オホシモフリスズメ

(第三版第五圖 A幼蟲、B蛹、C成蟲)

Langia zenzeroides Moore. var. Nawae Rothschild

成蟲 前翅ハ白色或ハ灰白色ニシテ、前縁部及ビ内縁部ノ一部分及ビ外縁部ハ灰藍色ヲ帯ビ黒褐色及ビ灰黄色ノ細點ヲ散布セリ、内縁ヨリ前縁角ノ方ニ向ヒテ走レル三箇ノ黒褐色アリ、又其内方ニ當リ内縁ヨリ前縁ニ向ヒテ走レル彎曲横帯二箇アレドモ、内方ノ一箇ハ不明ナルヲ多シ、外縁ハ齒牙狀凸ヲナシ、此縁ニ沿ヒテ灰紫色ノ齒牙條アリテ其内方ハ白色線ニテ縁トレリ、裏面ハ黄褐色ニシテ微細ノ黒褐點ヲ散布シ、中央ヨリ基部ニ至ルマデハ灰黄色ノ毛ヲ密生シ、外縁部ハ略表面ト同様ナリ、後翅ハ灰黄色或ハ暗灰色ニシテ縞子狀絹光ヲ有シ、外縁部ハ灰紫色ニシテ二箇ノ白横線ヲ有シ、其内方ニ黒褐色ノ横條アリ、又其内方ニ黒褐色ノ短條アリ、裏面ハ略上翅ノ裏面ニ同ジクシテ黒褐色ノ彎曲横帯アリ、全體ニ灰褐色ノ鱗毛ヲ密生シ、頭部及ビ胸部ノ前方ハ其毛微細ナレドモ、胸部ノ後方及ビ腹部ニ至リテハ粗大ニシテ上端扁平膨大ナル鱗毛ヲ生ゼリ、胸部ノ背面ハ灰藍色ニシテ濃色ノ背帯ヲ有シ、其左右ニ黒廣帯ヲ有ス、後方モ亦黒帯ヲ以テ腹部ト界シ、灰黄色ノ縦條數箇ヲ見ルベシ、觸角ハ灰藍色ニシテ尖端白シ、脚ハ淡黒ニシテ附節ニ灰白輪ヲ有ス、複眼ハ黒褐色ニシテ吻ハ比較的發育セズ、翅ノ展張四寸五分乃至五寸、體長一寸七八分。

幼蟲 全體綠色ナルヲ常トスレドモ、或ハ背部赤褐色ヲ呈スルヲアリ、蓋シ十分成熟セルモノナラン、亞背線ハ黄白色ノ顆粒ヲ並列シ、尾角ニ達ス、各節ノ横皺ハ八箇ニシテ各横皺ニハ黄白色ノ顆粒ヲ一列ニ配列セリ、頭ハ略三角形ヲ呈シ、尾角ハ短小ニシテ顆粒ヲ有シ、黄褐色ナリ、十分成長スレバ其長サ四寸五分ニ達シ、實ニ雄大ナル鳥蠅タリ、此ノ如ク體軀ノ非常ニ巨大ナルニ關セズ、頭部ノ小ナルト尾角ノ短キトハ殆ンド此鳥蠅ノ特徴トモ云フベシ、

蛹 黒褐色ニシテ腹部ノ節間ハ非常ニ縊レ込ミ、其背部ハ黒色ヲ呈ス、長サ一寸七八分。
季節 成蟲 四月乃至九月、幼蟲 五月乃至十月。
嗜食植物 うめ、あんず。

分布 本嶋 九州

附説 此種ハ本邦産天蛾類中ノ最モ大ナルモノニシテ、其幼蟲ハめんがたすずめノ幼蟲ノ如ク一種ノ音ヲ發シ、丹波國福知山附近ニテハ梅葉ヲ食害スルヲ甚シト云ヘリ、年二回ノ發生ヲナスモノ、如シ、此蛾ハ雄ヲ得ルコト甚タ難シ。

(十一) キンホシスズメ

Parum colligata Walker.

(第三版第三圖 成蟲、第五版第五圖A幼蟲、B蛹)

成蟲 前翅ハ綠褐色ニシテ紫褐色ヲ混シ、中央ニ銀白色ノ圓點アリ、基部ヨリ此點ヲ包ミテ外方ニ走レル一箇ノ紫褐色帯アリ、翅底ハ淡灰黄色ヲ呈シ、前縁ノ三分ノ一ノ邊ヨリ内縁ニ走レル淡灰黄色ノ帯アリ、後方廣ク前方狹シ、前縁角ヨリ二回彎曲シテ内縁角ニ達セル白條アリ、第一彎曲ハ小ニシテ第二彎曲ハ大ナリ、大彎曲ノ内方及ビ小彎曲ノ外方ハ紫褐色或ハ黒褐色ヲ呈セリ、前縁ニ白色ノ斑紋數個アリ、裏面ハ綠褐色ニシテ基部ヨリ中央部マデハ毛ヲ密生シ、外縁部ニ表面ト同様ノ彎曲帯ヲ認ムベシ、後翅ハ灰紫色ニシテ、外縁部ハ綠褐色ヲ帯ビ、内縁角ヨリ前縁角ニ向ヒテ走レル彎曲白條ヲ認ムベシ、但シ内縁部ニ明ニシテ漸次明瞭ヲ缺ケリ、又此條ノ内方臂角ニ近ク黒褐色ノ帶狀斑アリ、裏面ハ綠褐色ニシテ基部黄褐色ヲ呈シ、長短ノ黒褐縦線ヲ認ムベク、又黄白色ノ彎曲帶條數箇アリ、内縁角ニ近ク二箇ノ黒褐斑アリ、往々連結シテ短條ヲ成形ス、縁毛ハ綠褐色ナリ、體ハ灰褐色ニシテ少シク綠色ヲ帯ビ、頭部ハ綠褐色ヲ呈セリ、胸部ノ前方及ビ左右ハ綠褐色ニテ限レリ、觸角ハ灰綠色、複眼ハ褐色ニシテ、脚ハ灰褐色ニ暗褐色ヲ混ゼリ、翅ノ展張二寸五分乃至二寸八分、體長一寸一二分。

幼蟲 胴部ハ綠色ニシテ各節横皺ニ黄色ノ小顆粒ヲ均列ス、背線ハ濃紫色ニシテ前方ニ不明ニ、後方

ニ明瞭ナリ、第四節ヨリ第十一節ニ亘リテ七箇ノ斜側條ヲ有シ、其色黄色ナリ、頭部ハ淡青綠色ニシテ各
顛頂板ニ二箇ノ白條アリ、氣門ハ淡青紫色、腹面ニ黑褐色ノ細點ヲ散布ス、尾角ハ綠色ニシテ黄色ノ顆粒
ヲ生ズ、脚ハ體ト同色ニシテ胸脚ノ先端ハ黑色ヲ帶ブ。
蛹 黑褐色ニシテ頭部ニ顆粒ヲ有シ、尾端ノ刺ニモ顆粒ヲ有ス。
季節 成蟲 六七月 幼蟲 八九月
嗜食植物 かぢのき、かうぞ。
分布 北海道 本嶋

(十二) ヒサコスズメ

(第三版第四圖 成蟲)

Mimas tiliae L. var *Christophi* Staud.

成蟲 前翅ハ茶褐色ニシテ、外縁ハ二回ノ大缺刻ヲ有シ、中央ニ倒瓢形ノ暗褐色紋アリ、外縁部ハ暗褐
色ニシテ淡暗褐色ノ亞外縁帶ヲ有シ、前縁角ニ近ク淡褐色斑アリ、基部ニ暗色ノ一或ハ二箇ノ横線アリ、
裏面ハ黄褐色ニシテ外縁部暗褐色ヲ呈ス、後翅ハ茶褐色ニシテ外縁部ニ至ルニ從ヒ漸次濃色トナリ、外
縁ニ一回ノ大缺刻アリ、裏面ノ色ハ略表面ニ同ジ、縁毛ハ茶褐色ナリ、體ハ茶褐色ニシテ胸部ハ一層濃厚
ナリ、脚ハ茶褐色、觸角ハ灰黄色ナリ、翅ノ展張二寸内外、體長八九分。

幼蟲

蛹

季節 六七月

嗜好植物

分布 北海道

(十三) ウンモンズズメ

異名 ケヤキノイモムシテフ。

(第五版第八圖 A幼蟲、B成蟲)

Calambulyx tatarinovi Brem. et Grey.

成蟲 前翅ハ淡灰綠色或ハ淡白綠色ニシテ、中央ニ綠褐色曇影ヲ有シ、内縁部ハ紫色ヲ帶ビタリ、基部
ニハ淡色ノ彎曲横線ヲ有シ、外方ハ濃色ニテ縁トラレタリ、前縁ノ略三分ノ一ヨリ内縁ニ向ヒテ發セル
一帯アリ、綠褐色或ハ濃綠色ヲ呈シ、略中央ヨリ急ニ折レテ銳角ヲ形成セリ、幽ニ綠褐色ノ新月狀室點ヲ
認ムベシ、室點ノ外方ニ淡暗綠色ノ彎曲帶アリテ濃色ノ縁ヲ有シ、其外方ニモ亦二箇ノ同色ノ彎曲線ア
リ、翅尖ニ近ク略三角形ノ綠褐斑ヲ有シ、後方ニモ亦同色ノ大斑アリ、裏面ハ黄色ニ淡暗綠色ヲ混ジ、中央
ヨリ基部ニハ紅褐色ノ茸毛ヲ生ジ、外縁部ハ白色ヲ呈セリ、又暗綠色ノ横帶一箇ト横線二箇トヲ見ルベ
シ、後翅ハ暗紅色ニシテ外縁部綠褐色ヲ帶ビ、内縁部ニ紫曇アリ、臀角ヨリ前縁ニ向ヒ暗紫線ニテ縁ドラ
レタル條帶アレドモ明了ナラザルコト多シ、裏面ハ黄色ニ淡暗綠色ヲ混ジテ周邊ハ多少白色ヲ帶ビ、内
縁部ハ少シク淡赤褐色ヲ呈シテ、暗綠色ノ横帶一箇ト横線二箇トヲ見ルベキコトハ前翅ノ裏ト同一ナ
リ、縁毛ハ黄褐色ナリ、頭部ハ綠褐色ニ、胸部ハ淡灰綠色ニシテ、背面ノ大部分ハ暗綠褐色ヲ呈シ、往々皺形
ヲナセリ、腹部ハ灰綠色ニシテ背ニ紫褐色ノ一線ヲ有シ、末端モ亦紫褐色ナリ、兩側モ亦同色ニシテ、下面
ハ淡灰綠色ナリ、脚ハ暗褐色ニシテ、腿節及ビ脛節ニハ綠褐色ノ毛ヲ生ゼリ、翅ノ展張二寸四分乃至二
寸九分、體長一寸内外。

幼蟲 頭部及ビ胴部ハ共ニ鮮綠色ニシテ、頭部ニハ細小ナル白點ヲ散布シ、各節ノ横皺ニモ亦白點ヲ
均列セリ、第三節ヨリ第十一節ニ亘リテ七箇ノ側斜條アリテ白色ヲ呈シ、其兩側ニハ赤褐縁ヲ有ス、背線

ハ赤褐色ニシテ其兩側ニハ白線ヲ有シ、尾角ハ赤褐色ニシテ白色ノ顆粒ニ富メリ、胸脚ノ末端ハ赤褐色ヲ呈ス

蛹 濃褐色ニシテ尾端尖リ、長サ一寸二三分ナリ。

季節 成蟲 五月乃至七月 幼蟲 五月乃至八月

嗜好植物 ケヤキ

分布 北海道 本嶋

(十四) ウチスズメ

Sphinx planus Walker.

(第一版第一圖 A幼蟲、B成蟲)

成蟲 前翅ハ暗灰色或ハ帯紅淡褐色ヲ呈シ、基部ニ褐色ノ齒狀線アリ、中央部ニハ前縁ヨリ内縁ニ向ヒテ走レル二條ノ暗褐色帯アリテ、第一帯ハく形ヲ呈シ、第二帯ハ殆ンド翅ノ中央ニ亘リ共ニ中途ニテ切斷セリ、此兩帯ノ間ハ灰褐色ニシテ灰白色ノ新月紋アリ又此二帯ノ外方ニ三箇ノ暗褐色波條線アリテ、其外部ハ褐色ヲ帯ブ、外縁部ニハ不正ナル褐色斑アリ、裏面ハ灰色ニシテ褐色ヲ帯ビ、外縁部ニハ表面ト同一ノ不正淡褐色斑ヲ有シ、翅尖ニ灰白色ノ短弧線アリ、内方ニハ淡褐色ノ波條三箇アリテ、中央ヨリ基部ニハ紅色ノ茸毛ヲ密生セリ、後翅ハ紅色ニシテ外縁部ハ淡黃褐色ヲ呈シ、前縁部ハ紅灰色ヲ呈ス、臀角ニ近ク眼狀紋アリ、内部ハ淡黑色ニシテ碧色ノ中環ヲ有シ、更ニ黑色ノ外環ヲ有セリ、裏面ハ灰白色ニシテ中央ニ褐色ノ廣橫帶ト二箇ノ波狀線トヲ有シ、外縁部ハ淡褐色ナリ、縁毛ハ黑褐色ニシテ短シ、體ハ灰色或ハ帶褐色ニシテ、胸部ノ中央ニ暗褐色ノ廣帶ヲ有ス、觸角ハ黃灰色、脚ハ褐色ナリ、翅ノ展張二寸三分乃至三寸三分、體長九分乃至一寸三分。

幼蟲 綠色ニシテ各節ノ横皺ニ白色ノ小顆粒ヲ均列シ、第一節ヨリ第三節ノ側部ニハ白色ノ顆粒線アリ、第四節ヨリ第十一節ニ亘リテ七條ノ白色或ハ黃白色ノ斜條ヲ有ス、尾角ハ黃綠色ニシテ白色ノ顆粒ニ富ミ、頭部ハ青綠色ニシテ略三角狀ヲ呈シ、左右ノ顛頂部ニ各一條ノ黃線アリテ、且顆粒ニ富メリ、氣門ハ白色ニシテ赤色環ヲ有シ、胸脚ハ橙赤色ニシテ腹脚ハ綠色ナリ。

蛹 黑褐色ニシテ尾端尖リ、長サ一寸五六分。

季節 成蟲 六月乃至八月 幼蟲 七月乃至九月

嗜好植物 しだれやなぎ、かはやなぎ、はこやなぎ

其他ノ柳類 さくら、りんご

分布 北海道 本嶋 四國 九州

附説 卵ハ綠色ニシテ食樹ノ葉ノ裏ニ一粒ツ、産下ス、成蟲ハ夏ノ夜翅ヲ鳴ラシテ室内ニ飛ビ來リ、燈火ニ去來スルヲ多シ、故ニうちすめノ名アリ。

(十五) エゾスズメ

(第五版第二圖 成蟲)

Phyllospingia dissimilis Breaux et Grey.

成蟲 前翅ハ灰褐色ニシテ紫色ヲ帯ビ、前縁部ニ略三角形ノ暗褐色斑ヲ有シ、其縁邊濃色ナリ、基部ハ暗褐色ヲ呈シテ其外方ニ二箇ノ暗褐色帯アレドモ尙明瞭ヲ缺クト多シ、外縁ノ翅尖ニ近ク暗褐色斑アリテ其内方ニ二箇ノ不明瞭ナル暗褐色廣帯アリ、内縁角ニ接シテ相合シ略三角形ノ紫褐色ヲ形成シ、外方漸次稀薄トナレリ、裏面ハ灰褐色ニシテ外縁部ハ茶褐色ヲ呈シ、其内方ニ淡紫色ノ齒牙形條ヲ有シ、又其内方ニ暗褐色橫帯アリ、後翅ハ灰褐色ニシテ紫色ヲ帯ビ、前縁ニ沿ヒテ暗褐色斑ヲ有シ、二箇ノ灰紫色波條橫帯ヲ有ス、翅尖ニ近ク灰紫色ノ斑アリ、裏面ハ灰褐色ニシテ外縁部ハ茶褐色ヲ呈シ、基部ニ茶褐色

大斑アリ、其外方ハ淡紫色ヲ帯ビテ暗褐色ノ二箇乃至四箇ノ波條横帶ヲ有ス。縁毛ハ黒褐色ニシテ短シ。體ハ灰紫色ニシテ胸部ニ暗帶ヲ有シ、脚ハ暗褐色ニ紫色ヲ帯ベリ。翅ノ展張三寸五分内外。體長一寸五分内外。

幼蟲

蛹

季節

嗜食植物

分布 北海道

(十六) スキバホウジヤク

Haemorrhagia radians Walker.

(第四版第七圖 成蟲)

成蟲 前翅暗褐色ニシテ、前縁及ビ基部ハ黄褐ノ毛ヲ生ゼリ、中央部ハ殆ンド透明ナルコト、くろすかしバニ同ジ、後翅モ暗褐色ニシテ中央透明ニ、基部及ビ内縁部ハ黄褐色ナリ。裏面ハ共ニ略表面ニ同ジ、體ハ黄褐色ニシテ、腹部ニハ黒色ヲ混ジ、特ニ其第六節ハ殆ンド黒色ナリ、腹側ニ二列ノ白毛ヲ見ルベシ、尾總ハ黒色ニシテ黄褐色ヲ混ズ、頭胸部ノ下面ハ黄白色ニシテ、腹部ノ下面ハ黒褐色ナリ、脚ハ黒褐色ニシテ、腿節、脛節等ハ黄白色ノ毛ヲ生ジ、觸角ハ黒褐色ナリ。翅ノ展張一寸三分乃至一寸七分。體長六分乃至八分。

幼蟲

季節 成蟲 五月乃至九月

嗜食植物

分布 本嶋

(十七) クロスカシハ

Haemorrhagia fuciformis L. var. *affinis* Bremer. forma *affinis* Bremer.

(第四版第四圖 成蟲)

成蟲 前翅ハ暗褐色ニシテ中央部透明ナリ、蓋シ羽化ノ當初ハ全面鱗ヲ有シタルナルベシ、基部及ビ前縁ノ一部ニハ橄欖黄色ノ毛ヲ生ジ、脈ハ暗褐色ナリ、後翅モ亦其色彩殆ンド前翅ト異ルコトナシ、裏面ハ兩翅共ニ暗褐色ニシテ、前縁部及ビ基部ハ黄褐色ヲ呈セリ、體ハ橄欖黄色ニシテ腹部ノ第五節及ビ第六節ノ背面ハ黒褐色ヲ呈ス、尾總ハ黒褐色ニシテ黄褐色ヲ混ゼリ、腹部ノ後部兩側ニハ黄白色ノ毛ヲ叢生シ、頭胸部ノ下面ハ黄白色ニシテ、腹部ノ下面ハ赤褐色ニ黒色ヲ混ゼリ、觸角ハ黒褐色ニシテ、脚ハ黄白色ヲ呈シ、跗節ハ黄褐或ハ黒褐色ナリ。翅ノ展張一寸五分乃至二寸。體長八九分。

幼蟲

季節 成蟲 七八月

嗜食植物

分布 北海道 本嶋

(十八) オホスカシハ

Cephalonodes hylas Ihm.

(第一版第六圖 A 幼蟲、B 蛹、C 成蟲)

成蟲 前後翅共ニ透明ナレドモ羽化ノ當初ニ於テハ淡褐色ヲ帯ビタル白色ノ鱗ヲ有セリ、翅脈ハ黑色ニシテ前翅ノ前縁及ビ基部ハ橄欖色ヲ呈シ、翅尖ハ黑色ヲ帯ベリ、後翅ノ内縁及ビ基部モ亦橄欖色ヲ呈ス、頭部及ビ胸部ハ橄欖綠色ニシテ、腹部モ同色ヲ呈スレドモ、其第四節ハ兩側濃赤褐色ヲ呈シ、第五節ハ全ク濃赤褐色ナリ、體ノ下面ハ都ベテ白色ニシテ、腹部ノ三乃至五節ハ赤褐色ヲ呈ス、尾總ハ黑色ニシテ、左右ニ黑色ノ毛束アリ、觸角ハ黑褐色ニシテ、綠色光ヲ有シ、脚ハ白色ニシテ、跗節ハ黑色ヲ呈ス、翅ノ展張一寸八分乃至二寸三分、體長八分乃至一寸一分。

幼蟲 頭部ハ淡青色ニシテ、體軀ハ綠色ナリ、背部ニ綠白色ノ廣帯ヲ縱走セシメ、綠青線ニヨリテ中分セラル、亞背線ハ白色ニシテ、氣門ハ赤橙色ヲ呈シ、其上下ニ白色ヲ點ス、第一節及ビ第十一節ノ後部ハ黃色ノ顆粒ニ富ミ、第十二節ハ褐色ニシテ、黃白色ノ顆粒ニ富メリ、各關節ノ亞背線下ニハ各一箇ノ黑點ヲ有シ、第一節ノモノ最モ大ナリ、尾角ハ體ト同色ニシテ、黑色ノ顆粒ニ富ミ、先端黑色ナリ、胸脚ハ暗赤色ニシテ、基部ハ黑色ヲ呈シ、腹脚ハ灰紫色ナリ。

蛹 暗褐色ニシテ、紡錘狀ヲナシ、尾端ニ短刺ヲ有ス、長サ一寸二三分。

季節 成蟲 六月乃至九月。 幼蟲 六月乃至九月。

嗜食植物 くちなし。

分布 本嶋 四國 九州 臺灣。

附說 千蟲譜ニ曰ク、七八月ノ頃稀ニアリ、其羽透明ニシテ、蛇蟲ノ如シ、晝ハ草葉ノ背ニ眠リ、黃昏ノ時飛ビ巡テ花露ヲ吸フコト天蛾俗名夕顔別當トイフモノニ同ジ、其飛翔スルコト極メテ捷疾ニシテ捕ヘガタキモノナリト、又曰ク、透儂ト云フ繭ノ内ヨリ出ヅル其身粉アリ、羽透明ナリト、然レドモ此蛾ハ獨リ黃昏ノミニ出ヅルモノニアラズシテ、白晝ニテモ能ク飛翔シテ一見蜂ノ觀ヲ與フルモノナリ、卵ハ黃色ニシテ、綠色ヲ帯ビ、椀子ノ葉端ニ一箇ツ、産下ス、幼蟲蛹化前ニ至レバ褐色ニ變ジ、又最後ノ蛻皮ヲナシ

テ蛹化シタル當初ハ、其色淡綠ナレドモ、忽チ暗褐色ニ變ズ。

(十九) クルマズメ

(第三版第一圖 A幼蟲、B成蟲)

Ampephaga rubiginosa Bren. et Grey.

成蟲 前翅ハ褐色或ハ暗褐色ニシテ、紫色ヲ帯ビ、濃褐色ノ彎曲帶數箇アリテ中央ノモノ最モ廣ク、外方ノモノハ波形ヲ呈セリ、中央部ニ弦月形ノ室紋ヲ有シ、翅尖ニ近ク略三角形ノ濃色紋アリ、外縁部ハ暗色ヲ帯ビ、基部ニハ灰色ノ毛ヲ生ズ、裏面ハ黃褐色ニシテ中央ヨリ基部ニハ灰黃色ノ毛ヲ密生シ、外縁部ハ灰褐色ヲ呈シ、中央部ト界スルニ鋸齒狀線ヲ以テセリ、橙褐ノ橫線二箇ヲ認ムベシ、後翅ハ暗褐色ニシテ殆ンド外縁ニ平行セル三條ノ暗褐色帶ヲ有セリ、裏面ハ黃褐色ニシテ、外縁部ニ二箇ノ橫線アルヲ上翅ニ同ジ、緣毛ハ黃褐色ニシテ短シ、體軀ハ暗黃褐色ニシテ、胸背ヨリ腹背ニ亘リテ一箇ノ灰色縱線アリ、複眼ハ褐色、觸角ハ灰黃色、脚ハ灰色或ハ灰黃色ナリ、翅ノ展張二寸七分乃至三寸、體長一寸二三分。

幼蟲 淡綠色ニシテ、背部ニ淡黃色ノ點ヲ散布シ、背線ハ淡青色ニシテ著シカラズ、腹部ノ背上各節ノ前端ニ淡黃色ノく字形斑アリ、亞背線ハ白色ニシテ上方紫色ヲ帯ビ、氣門ハ赤色ナリ、第四節ヨリ第十一節ニ亘リ、其側部ニ七箇ノ淡綠褐色ノ斜條アリ、但シ第一ト第七トハ著シカラズ、各節ニハ六箇ノ橫線アリテ、第一ニ其幅最モ廣シ、第三第四節ノ兩側ハ著シク膨大セリ、尾角ハ比較的短クシテ弓狀ヲ呈シ、小顆粒アリテ末端赤褐色ナリ、胸脚ハ基部黑クシテ末端赤シ、第一及ビ第三節ノ脚ヲ生ゼル部ニ黃斑アリ、腹脚ハ綠色ニシテ、鉤ハ黑褐色ナリ、肥大ナル島蠅ニシテ、頭部比較的小ナレバ、體ノ前方ヲ收縮スル、片頭ハ殆ンド第一節ニテ掩ハル、ア、めんがたすずめノ幼蟲ノ如シ、十分ニ生長スレバ其長サ三寸ニ及ブ。

蛹 灰褐色ニシテ、翅鞘ニ黑色ノ斑點ヲ見ルベシ。

季節 成蟲 七月乃至九月 幼蟲 八九月
嗜食植物 ふだう
分布 北海道 本嶋

(二十) クロクモスヌメ

Acosmeryx castanea Rothschild.

(第四版第一圖 A 幼蟲、B 蛹、C 成蟲)

成蟲 前翅ハ紫灰褐色ニシテ基部ニ黒褐色ノ半線三箇アリ、其外方ニ黒褐色ノ弧帯二條アリテ後方ニテ相合セリ、又其外部ニ數箇ノ彎曲黒褐色アリテ内縁ヨリ前縁ノ中央ニ走レル黒褐色ノ弧形廣帯ニヨリテ切斷セラル、又此數彎曲條ノ外部ニ同色ノ彎曲帶アリテ後方ハ外縁ニ終レリ、外縁部ノ翅尖ニ近キ部ニ三角形ノ黒褐色アリテ其後方ニ弧形ノ黒褐色部アリ、縁毛ハ黒褐色ニシテ短シ、後翅ハ紫褐色或ハ褐色ニシテ外縁部ハ黒褐色ヲ呈シ、濃褐色ノ横條アリ、裏面ハ共ニ黄褐色ニシテ前縁部ハ灰色ヲ帯ビ、翅尖ニ近キ前縁部ヨリ内縁角ニ終レル不規則ナル黒褐色ノ鋸齒狀線アリテ其外方ハ暗褐色ヲ呈セリ、前縁ヨリ内縁ニ向ヒ數箇ノ赤褐色彎曲線ヲ認ムベシ、體ノ背面ハ都テ紫褐色ヲ呈シ、腹面ハ黄褐色ニ、赤褐色ヲ混ゼリ、複眼ハ黒褐色、觸角ハ灰褐色ニシテ、脚モ灰褐色ナリ、翅ノ展張ニ寸四分乃至二寸六分、體長一寸二三分。

幼蟲 鮮綠色ニシテ淡黄色ノ點ヲ滿布シ、背線ハ明瞭ナラズ、唯各關節ノ前端ニ於テノミ幽ニ之ヲ認ムベシ、亞背線ハ淡黄色ニシテ第一節ヨリ第十一節ニ至リ、尾角ノ基部ニテ左右相合シ、第七節ヨリ第十節ニ至ル間ハ其上縁少シク紅紫色ヲ帯ベリ、側斜線ハ淡黄色ニシテ第四節ヨリ第十節ニ亘リ、其數七箇アリ、此幼蟲ノ特徴トスベキハ第三節ヨリ第四節ニ亘リテ新月狀ノ隆起ヲ有セルコトニシテ、上部ハ淡

黄色ヲ呈シ下部ハ紫褐色ヲ呈セリ、第一節ヨリ第三節マデノ側部下方ニハ紫褐色斑ヲ有ス、頭部ノ顛頂板ニハ淡黄色ノ縦線ヲ有シ、氣門ハ紫褐色ニシテ周圍少シク褐色ヲ帯ベリ、胸脚ハ基部黒褐色ニシテ先端褐色ヲ呈ス、尾角ハ淡黄褐色ニシテ綠色ヲ帯ビ、淡褐色ノ顆粒ヲ有シ、比較的短シ、成熟セルモノハ其長サ二寸七八分。

蛹 赤褐色ニシテ尾端ニ短刺ヲ有ス。

季節 成蟲 五月乃至八月 幼蟲 六月乃至九月。

嗜食植物 ふだう、やぶからし。

分布 北海道 本嶋

附説 此蛾ハ通常年二回ノ發生ヲナスモノナリ。

(二十一) ヒメハウシヤク

(第三版第五圖 A 幼蟲、B 蛹、C 成蟲)

Gurela maeuensis Butler. var. *Sanguia* Butler.

成蟲 前翅ハ茶褐色ニシテ基部ニ黒褐色ノ彎曲線數箇ヲ有シ、其外方ニ黒褐色ノ廣帯アリ、外縁部ニモ數箇ノ黒褐色彎曲線アリ、内縁角ヨリ前縁ニ向ヒ黒褐色線アレドモ明瞭ナラザルコト多シ、灰白色ノ新月形室點ヲ有ス、外縁ハ不規則ナル缺刻ヲ有シ、外縁部ニ齒牙境界ヲ有スル黒褐色部ヲ認ムベシ、裏面ハ茶褐色ニシテ黄褐色斑數個ヲ認ムベシ、外縁部ハ灰褐色ニシテ、縁毛ハ黒褐色ナリ、後翅ハ奇異ノ形ヲ呈シ、前縁ノ中央非常ニ凹入セリ、色ハ黄色或ハ橙黄色ニシテ、暗褐色ノ外縁廣帯ヲ有ス、裏面ハ黄褐色ニシテ、外縁部ハ暗褐色ヲ呈シ、赤褐色或ハ黒褐色横帯アリ、縁毛ハ黄色ナリ、體ハ暗褐色ニシテ黄褐色又ハ黒褐色ヲ混ジ、尾總ハ黒褐色ナリ、下面ハ略茶褐色ニシテ腹部ノ各節ニ並列セル二箇ヅ、ノ白點ヲ見ルベシ。

觸角ハ黒褐色ニシテ脚ハ黒褐色ニ黄褐色ヲ混ゼリ。翅ノ展張一寸二分乃至一寸四分。體長六分乃至八分。

幼蟲 第一形 淡綠色ニシテ黄色及ビ淡赤色及ビ綠色ノ細點ヲ撒布シ、背線ハ綠色ナリ、亞背線ハ黄色ニシテ、第四節ヨリ第十節ニ亘リ七條ノ綠色斜條ヲ有シ、氣門ハ赤色ナリ、尾角ハ淡黄色ニシテ、黒色ノ顆粒ヲ有シ、頭部ハ綠色ニシテ各顛頂板ニ二條ノ淡綠色線アリ、長サ一寸二三分。

第二形 黄綠色ニシテ背線褐色ヲ呈シ、亞背線モ褐色ナリ、尾角モ亦褐色ニシテ、黒色ノ顆粒ヲ有シ、褐色ノ側斜條七箇アリ。

蛹 淡褐色ニシテ尾端ニ鈎刺ヲ有ス。

季節 成蟲 六月乃至九月。幼蟲 七月乃至九月。

嗜食植物 へくそかづら。

分布 北海道 本嶋 四國 九州。

(二十二) ヒメクロホウジヤク

(第四版第八圖 成蟲)

Macroglossum bombylans Poisd.

成蟲 前翅ハ黒褐色ニシテ一部灰色ヲ帯ビ、基部ニ一乃至二箇ノ濃黒褐色線ヲ有シ、次ニ同色ノ弧形廣帯ヲ存シ、其外方ニ同色ノ彎曲線ト彎曲帶トアリ、外縁部ニハ殆ンド外縁ニ平行セル二箇ノ濃色線アレドモ分明ナラザルコト多シ、縁毛ハ黒褐色ニシテ短シ、裏面ハ茶褐色ニシテ、基部淡黄色ヲ呈ス、後翅ハ黒褐色ニシテ黄橙色ノ廣横帯アリ、然レドモくろほうじやくノ如ク著シカラズ、縁毛ハ黒褐色ナリ、裏面ハ上翅ノ裏ニ同ジ、體ハ綠黄褐色ニシテ腹部ノ末端三節ハ黒褐色ヲ呈シ、其前部ノ側面ハ黄褐色ナリ又

其下方ニ白斑ヲ認ムベシ、往々白毛ノ總ヲナセルコトアリ、頭胸部ノ下面ハ白色ニシテ、腹部ノ下面ハ過半暗灰色ヲ呈シ、白毛ヲ混ゼリ、尾總ハ黒褐色ニシテ尖端黄褐色ナリ、下唇鬚其他くろほうじやくニ酷似セリ、觸角ハ黒褐色ヲ呈シ、脚ハ白色ニシテ跗節暗色ナリ。翅ノ展張一寸四分乃至一寸六分。體長七八分。

幼蟲 褐色ノモノト綠色ノモノト二様アルガ如シ。

第一形 黒褐色或ハ茶褐色ニシテ、黒色ノ細點ヲ撒布シ、亞背線ハ灰黄色ニシテ前方ニ明ニ、後方ニ不明ナリ、側斜條ハ灰黄色ニシテ五條ヲ明ニ見ルベシ、尾角ハ黒褐色ニシテ同色ノ毛ヲ有シ、比較的長シ、充分成長シタルモノ一寸五分許。

第二形 乳綠色ニシテ白キ斜條ヲ有ス。

蛹 ほうじやくノ蛹ニ酷似セリ。

季節 成蟲 六月乃至十月。幼蟲 八、九月。

嗜食植物 へくそかづら。あかね。あけび。

分布 北海道 本嶋。

附說 八、九月ニ出現シタル幼蟲ハ、九月中ニ粗繭ヲ營ミテ蛹化シ、十月ニ至リテ羽化スルコトハ明ナリ、然レドモ此成蟲ガ卵ヲ産ミテ二回ノ發生ヲ遂グルカ又ハ成蟲ノマ、ニテ越冬スルカハ詳カナラズ。

(二十三) ホウジヤク

(第二版第一圖 A幼蟲、B蛹、C成蟲)

Macroglossum stellatarum Linn.

成蟲 前翅ハ暗褐色ニシテ基部ニ二乃至三箇ノ暗線アリ、次ニ黑褐色ノ彎曲條アリ、中央ニ一箇ノ黑褐色條或ハ之ニ沿フニ一箇ノ暗線アリテ前方合併セルコト多シ、外縁部ニモ彎曲線アレドモ明瞭ナラザルコト多シ、後翅ハ帶褐橙色ニシテ基部及ビ外縁部ハ暗褐色ヲ帶ベリ、裏面ハ前後翅共ニ黃褐色ニシテ縁邊ハ暗色ヲ帶ベリ、體ハ灰黑色ニシテ黑色ヲ混ジ、腹部ノ側方ニハ灰色斑アリテ、白色ノ側部毛總ト黑色ノ尾總トヲ有ス、頭胸ノ下面ハ白色ニシテ腹部ノ下面ハ灰黑色ニ白色ヲ混ズ、觸角ハ黑褐色、脚ハ灰白色ノ黃色ヲ帶ベリ、翅ノ展張一寸三分乃至一寸七分、體長七八分。

幼蟲 綠色ニシテ白點ヲ散布シ、背線ハ濃色ナリ、亞背線ハ白色ニシテ上方紫色ニシテ線トラレ、氣門下線ハ黃色ナリ、氣門ハ黑色ニシテ胸脚ハ赤色ヲ呈シ、腹脚ハ綠色ナリ、尾角ハ青色ニシテ黑點ヲ散布シ、先端赤褐色ナリ。
蛹 黃褐色ニシテ黑點ヲ散布シ、尾端ニ短刺ヲ有シ、長サ一吋一二分。
季節 成蟲ハ六、七、八月ニ多シト雖ドモ成蟲ニテ越冬スルモノアルヲ以テ、其成蟲ハ殆ンド全年ニ涉レリト云フベシ、但シ悉ク成蟲ニテ越冬スルヤ否ヤハ未タ詳ナラズ、幼蟲ハ七八月ニ出現ス。
嗜食植物 かはらまつば。

分布 北海道 本嶋 四國 九州

(二十四) クロホウシヤク

(第五版第六圖 成蟲)

Macroglossum saga Butler.

成蟲 前翅ハ黑褐色ニシテ一部分灰色ヲ帶ビ、基部ニ黑色ノ半徑線二箇アリ、次ニ黑色ノ弧形廣帶アリ、中央ニモ彎曲セル黑色ノ線アリテ往々帶狀ヲ呈シ、後方ハ少シク灰色ヲ混ゼリ、此外部ニ黑褐色ノ彎

曲線數箇アリ、然レドモ明瞭ナラザルコト多ク、或ハ其數ヲ減ゼルコトアリ、外縁部ノ一部分ハ黑褐色ヲ呈シテ、前縁角ニ近ク三角形及ビ長方形ノ黑斑ヲ認ムベシ、縁毛ハ黑褐色ニシテ短シ、裏面ハ黃褐色ニシテ基部茸毛ニ富ミ、外縁部ハ暗褐色ヲ呈ス、後翅ハ茶褐色或ハ黑褐色ニシテ中央ニ橙黃色或ハ黃色ノ廣キ橫帶アリ、縁毛ハ橙黃色或ハ黑褐色ヲ呈シテ短シ、裏面ハ前翅ノ裏ト略同ジ、但シ内縁部黃褐色ヲ呈ス、體ハ黑褐色ニシテ胸部ニハ黃褐色ヲ混ジ、頭部ヨリ胸部ニ涉リ中央ニ一箇ノ黑線アリ、腹部ノ側面ハ黃褐色ヲ呈シ、其下方ニ數箇ノ白點ヲ見ル、下唇鬚ハ黑褐色ニシテ頭ノ前方ニ突出シ、恰モ頭部ノ尖レルガ如キ觀ヲ呈シ、下面灰色ナリ、尾總ハ黑褐色ニシテ先端ハ茶褐色ヲ呈シ、體ノ下面ハ都テ茶褐色ナリ、觸角ハ黑褐色、脚ハ茶褐色ニ灰黄色ヲ混ゼリ、翅ノ展張一寸三分乃至二寸一分、體長八分乃至一寸一分。

幼蟲 黃綠色ニシテ頭部及ビ尾部ハ多少淡白ニ、背線モ亦淡色ナリ、氣門ハ赤色ニシテ、尾角ハ比較的長シ。

蛹 灰褐色ニシテ氣門ノ左右ニ黑褐色ヲ有シ、尾刺ヲ有ス。

季節 成蟲 六月乃至九月 幼蟲 六月乃至九月

嗜食植物 ゆづりは、
分布 本嶋 四國 九州 臺灣

(二十五) イフキスズメ

(第四版第二圖 A 幼蟲、B 蛹、C 成蟲)

Celerio gali Rottenburg.

成蟲 前翅ハ暗綠褐色ニシテ、外縁部ハ灰紫色ヲ呈セリ、内縁ノ基部ニ近キ所ヨリ翅尖ニ向ヒ少シク彎曲セル黃白色ノ廣帶アリ、内方ノ縁ハ不規則ニシテ三箇ノ突出ヲ有ス、基部ニハ白毛ヲ生ジ、内縁ノ縁

毛モ亦白色ニシテ、外縁毛ハ黃褐色ナリ、後翅ハ帶黃紅色ニシテ、臂角ニ近ク白色ヲ呈シ、基部ハ黒ク、亞外縁帶モ黒色ニシテ、其外方ニ黒褐色ノ微點ヲ撒布ス、縁毛ハ白色ナリ、裏面ハ灰色ニシテ、略表面ト同一ノ紋理ヲ表ハセリ、頭部及ビ胸部ハ綠褐色ニシテ、白毛ヲ以テ限ラレ、腹部ノ背面ニハ綠褐色ノ廣縱帶アリ、此帶中ノ各節ニ白點ヲ有シ、又各關節ニ白環帶アリテ、特ニ前方二關節ニハ黒色ノ環帶アリ、下唇鬚ハ上面綠褐色ニシテ、下面ハ灰色ナリ、複眼ハ黒褐色、觸角ハ暗綠褐色ニ白ミヲ帶ブ、脚ハ灰黃色ニ灰白色ヲ混ゼリ、翅ノ展張二寸乃至二寸七分、體長一寸乃至一寸三分、

幼蟲 頭部褐色ニシテ、第一節ノ背部及ビ第十二節ハ褐色ヲ呈シ、全體黒褐色ナリ、或ハ多少綠色ヲ帶ブルコトアリ、第二節ヨリ第十一節ニ亘リ各節ノ側部ニ黃色ノ圓紋アリテ、周圍ハ黒色ナリ、但シ第十一節ノモノハ全カラズシテ、略半月狀ヲナス、氣門ハ淡橙黃色ナリ、腹面ハ暗藍色ニシテ、胸脚ハ黒色ヲ呈シ、腹脚ハ暗藍色ニシテ、先端褐色ヲ呈ス、尾角ハ赤色ニシテ、同色ノ毛ヲ有ス、十分生長スレバ、長サ二寸三分ニ達ス、幼齡ノ時ハ綠色ナレドモ、後ニ至リテ上述ノ色ニ變ズ、

蛹 暗黃褐色ニ黒褐色ヲ混ジ、長サ一寸余、尾刺割合ニ長シ、
季節 成蟲 八、九月、 幼蟲 八、九月、

嗜食植物 かはらまつば、
分布 北海道、本嶋、

附説 此種ハ最初名和氏ガ江州伊吹山ニテ採集セラレタルニヨリ、此名アリ、分布餘リ、普子カラザルモノ、如シ、

(二十六) ベニスヌメ

(第三版第二圖 A 幼蟲、第二形、B 蛹、C 成蟲)

Pergesa ctenor L. var. Lewisii Butler.

成蟲 前翅ハ濃黃綠色ニシテ、前縁ハ紅紫色ヲ帶ビ、基部ノ小部分及ビ外縁部モ亦紅紫色ヲ呈セリ、内縁ヨリ前縁ニ向ヒテ走レル二箇ノ紅紫色帶アリテ、第一帶ハ後部廣ク、前部ニ至ルニ從ヒ漸次狹小トナレルヲ以テ殆ンド三角形ヲ呈セリ、中央部ニ白色ノ室點アリ、基部ニハ黒毛ト白毛トヲ生ジ、内縁ノ縁毛ハ白色ニシテ、外縁毛ハ帶紫紅色ナリ、後翅ハ紅色ニシテ、一部紫色ヲ帶ビ、基部ノ大半ハ黒色ニシテ、縁毛ハ白色ナリ、翅ノ裏面ハ紅色ニシテ、中央ニ濃黃綠色ノ大斑アリ、前後翅共ニ略同様ナリ、頭部ハ黃綠色ニシテ、二條ノ紅色縱線ヲ有シ、胸部ハ紅色ニシテ、濃黃綠色ヲ混ジ、白色ノ境界毛ヲ有セリ、腹部ハ紅紫色ニシテ、背面ニ濃黃綠色ノ二條ノ廣帶ヲ有シ、下面モ紅紫色ニシテ、兩側ニ黃白ノ點ヲ二列ニ配布セリ、稀ニ腹部ノ各關節ニ黒色ノ環帶ヲ有スルモノアリ、觸角ハ桃色、脚ハ灰黃色ニシテ、腿脛節ニハ紅紫色ノ毛ヲ生ズ、複眼ハ黒褐色ニシテ、下唇鬚ハ紅紫色ナリ、翅ノ展張二寸乃至二寸五分、體長一寸内外、

幼蟲 第一形 暗褐色ニシテ、少シク青色ヲ帶ビ、全體ニ黒色ノ短線ヲ撒布セリ、背線ハ黒色ニシテ、各節ノ後方特ニ濃ク、亞背線ハ黒紋ノ連續ニヨリテ生ゼリ、第三、四、五節ニ眼狀紋アリテ、第三節ノモノハ不完全ナリ、第一節ヨリ第三節ニ亘リ側部ニ白色帶アリ、各節ニ六皺ヲ有シ、氣孔ハ褐色ニシテ、淡黃色圓ヲ有ス、尾角ハ黒クシテ、先端少シク淡紅色ヲ呈ス、頭部ハ比較的小ナリ、十分成長スレバ、其長サ三寸餘ニ及ブ、

第二形 綠色ニシテ、一層濃キ短線ヲ滿布シ、第五節ヨリ第十節ニ至ル各節ノ背部ニ各一箇ノ黒斑ヲ有ス、第三節ヨリ第十節ニ至ル側線部ニハ各黒斑ヲ有シ、特ニ第四、第五節ノ黒斑ハ内部ニ半月紋ヲ有セ、ル、褐褐色種ニ同ジ、黒褐色ノ七箇ノ側斜條アリ、尾角ハ黒褐色ニシテ、先端淡黃色ナリ、胸脚ハ灰黃色ニシテ、腹脚ハ淡青綠色ナリ、

蛹 暗褐色ニシテ、翅鞘部及ビ尾部ハ一層濃色ヲ呈シ、黒色ノ細點ヲ撒布シ、尾端ニ鈎刺ヲ有ス、
季節 成蟲 六月乃至八月、 幼蟲 六月乃至十月、

嗜食植物 ほうせんくじ、みぞはぎ、かはらまつば、まつよひぐさ、つきみさう。
分布 北海道、本嶋、四國、九州、臺灣。

(二十七) ヒメススメ

(第三版第八圖 成蟲)

Pergesa askoldensis Oberthür.

成蟲 前翅褐色ニシテ基部ニ二條ノ灰黒線あり、中央ニ同色ノ廣帯あり、其次ニ又一條ノ弧線あり、前縁角ヨリ内方ニ向ヒ鈎狀ノ黒斑あり、外縁部ハ弧線ニテ限ラレテ其外方ハ暗灰褐色ヲ呈セリ、基部及ビ内縁ノ基部ニ近キ所ニ白毛ヲ生ジ、縁毛ハ暗褐色ニ黄褐色或ハ淡赤褐色等ヲ混ゼリ、裏面ハ黄褐色ニシテ外縁ニ沿ヒテ淡赤褐色ヲ呈シ、前縁角ニ近ク白色ヲ帯ビタリ、二條ノ赤褐弧線アリテ前方ハ灰色ナリ、後翅ハ褐色ニシテ基部灰褐色ヲ呈シ、外縁部ハ灰褐色ナリ、縁毛ハ白色及ビ灰褐色ヲ混ズ、裏面ハ前翅ニ同ジ、頭部及ビ胸部ハ暗灰色ニ赤褐色ヲ混ジ、灰色ノ毛ヲ以テ限ラレ、下面ハ灰色ナリ、腹部ノ背面ハ黄褐色ニシテ下面ハ淡紅色ナリ、脚ハ灰黄色ニシテ腿節ハ多毛ナリ、觸角ハ黄灰色ヲ呈ス。翅ノ展張一寸七八分、體長八九分。

幼蟲

蛹

季節 成蟲 六七月

嗜食植物

分布 北海道、本嶋

(二十八) キイロススメ 異名 スズメテフ、スズメガ。

(第四版第六圖 A 幼蟲第二形、B 蛹、C 成蟲)

Therea nesusus Drury.

成蟲 前翅ハ黄褐色ニシテ前縁部ヨリ基部ニ亘リテ暗綠色ヲ呈シ、基部ハ黒色及ビ灰色ヲ混ゼリ、内縁ヨリ翅尖ニ向ヒ淡紫褐色ノ線條數箇ト綠褐色帯あり、又紫褐色ノ波形亞外縁線ヲ有シテ其外方ハ灰紫色ヲ帯ブ、室點ハ黒色ニシテ縁毛ハ暗褐色ナリ、裏面ハ黄褐色ニシテ基部ヨリ中央ニ亘リテ暗灰色毛ヲ生ジ、暗色或ハ赤褐色ノ波條數箇あり、黒褐色ノ細點ヲ散布ス、後翅ハ黒色ニシテ外縁部暗緑ヲ帯ビ、外縁ニ沿ヒテ黄褐色ノ廣帯あり、内方明瞭ニシテ外方不明ナリ、縁毛ハ黄褐色ヲ呈ス、裏面ハ黄褐色ニシテ暗色點ヲ散布シ、暗色ノ波條數箇ヲ數フヘシ、頭部ハ橄欖綠色ニシテ灰白毛ニテ縁トラレ、胸部モ同色ニシテ黄褐毛ヲ混ジ、同ジク灰白毛ニテ限ラル、腹ハ橙黄色ニシテ背部ニ橄欖綠色ノ廣帯ヲ縱走セシメ、兩側ニ淡綠色ノ廣帯あり、觸角ハ黄白色、複眼ハ黒褐色ニシテ凸出ス、脚ハ灰黄色ニシテ橄欖紫色ヲ混ゼリ、翅ノ展張二寸六分乃至三寸、體長一寸四分乃至一寸七分。

幼蟲 第一形 肥大ナル烏蠅ニシテ頭部ハ綠色ヲ呈シ、軀幹綠白色ナリ、背ニ二箇ノ白色背線あり、亞背線ハ白色ニシ、尾角ニ達ス、第四節ヨリ第十一節ニ亘レル側部ニ綠色ト白色ト相半セル七箇ノ斜條あり、但シ第一及ビ第七條ハ其色淡シ、第四及ビ第五節ノ側部ニ白紋ありテ第四節ノ方大ナリ、各節ノ横皺ハ八個ナレドモ前方ノ横皺ハ著シカラズシテ六箇ノ觀あり、尾角ハ弓狀ニシテ黄褐色ヲ呈シ、氣門ハ赤褐色ニシテ周圍黄白色ナリ、胸脚ハ黄褐色ニシテ腹脚ハ體色ニ均シ、幼蟲十分成長シテ蛹化前ニ至レハ褐色ニ變ジ、或ハ紅色ヲ帯ブルニ至リ、其斑紋等モ一變スルニ至ル、即チ背線ハ黒色トナリ、亞背線部ニハ黒斑ヲ生ジテ黒色ノ點線ニテ連續シ、又一方ノ黒斑ヨリ他側ノ黒斑ニ亘レル黒横帯ヲ認ムヘシ、第四及ビ第五節ノ白紋ハ茶褐色或ハ赤色ニ變ジ、側斜條ハ暗褐色トナル、蛹化ニ際シテ多少色彩ヲ變スルハ

常ナレドモ此種ノ如ク甚シキハ稀ナリ、十分生長スレバ其長サ三寸餘ニ達ス。
第二形 淡赭褐色ニシテ胴部ノ前方及ビ背部ハ黃褐色ヲ呈シ、暗褐色ノ短線ヲ撒布セリ、背線ハ黑褐色ニシテ、亞背線モ黑褐色ヲ呈セリ、第四節及ビ第五節ノ白紋ハ青色ヲ帶ブ、第五節ヨリ第十節ノ亞背線ノ上方ニ暗藍色ノ斑紋ヲ有ス、第四節ヨリ第十一節ニ亘リ七箇ノ暗色斜側條アリ、尾角ハ黃褐色ニシテ平滑ナリ、氣門ハ黑褐色ニシテ上下ニ白點アリ。

蛹 黑褐色ニシテ背部黃褐色ヲ呈シ、腹部及ビ兩側ニハ灰黃色ヲ混ゼリ、吻鞘及ノ如ク突起シ、コレヨリ腹面ニ亘リテ灰黃色ノ帶アリ。

季節 成蟲 六月乃至九月 幼蟲 七月乃至十月
嗜食植物 やまのいも おにごころ

分布 本嶋 四國 九州
附說 一年二回ノ發生ヲナスモノ、如シ卵ハ暗灰色ニシテ食草ノ裏ニ一箇ツ、産附ス、千蟲譜ニ山藥蠅トアルハ此幼蟲ナリ。

(二十九) シダヘニスズメ

Thereva alecto L.

(第四版第五圖 成蟲)

成蟲 前翅ハ褐色ニシテ外緣部及ビ前緣部ハ多少暗色ヲ帶ビ、基部ニ黑色斑ヲ有シ、暗褐色ノ室點アリ、翅尖ヨリ内緣ノ略中央ニ走レル一箇ノ暗褐色條アリテ、其内方ニハ是ニ並行セル濃淡二三ノ不明瞭ナル條線アリ、又其外方ニモ一二ノ暗條ヲ認ムベシ、後翅ハ赤色ニシテ臀角部ハ黃褐色ヲ呈シ、基部黑色ニシテ黑色ノ外緣帶ヲ有ス、裏面ハ帶赤橙色ニシテ暗褐色ノ細點ヲ撒布シ、外緣部ハ暗褐色ヲ呈シテ内

鱗翅目

方ト界スルニ齒牙形ヲナセリ、體ハ暗褐色ニシテ頭胸部ハ白毛ヲ以テ限ラレ、腹部ノ前方兩側ニ黑斑ヲ有ス、觸角ハ灰白色ニシテ脚モ灰白色ナリ、翅ノ展張三寸内外、體長一寸四五分。
幼蟲 かーびー氏ノ記載ニヨレバ紫褐色ニシテ白點ヲ撒布シ、兩側ニ肉色帶ヲ有シ、七箇ノ眼形紋ヲ存ス、眼形紋ハ白色環ヲ有シテ内部ニ上半黑色、下半肉色ノ斑紋ヲ含ミ、白色環ノ下方ハ黑色ニテ限ラレタリトアリ。

季節 成蟲 五、六月 幼蟲 六、七月
嗜食植物 ぶどう、琉球、臺灣

Thereva japonica Boisdu.

(第三十) コスズメ 異名 ヌツガホヘットウ、ヌズメチフ。(第一版第三圖 A幼蟲第一形、B蛹、C成蟲)

(三十一)

天蛾科

成蟲 前翅ハ淡灰褐色ニシテ暗綠色ヲ帶ビ、稀ニ灰紫色ヲ呈スルアリ、黑色ノ室點ヲ有シ、内緣ノ中央ヨリ前緣角ニ灰黃色ノ斜帶アリテ、其中ニ二箇ノ暗色線ヲ見ルベシ、此帶ノ外部ハ特ニ紫色ヲ帶ビテ三箇ノ暗線ヲ見ルベク、帶ノ内部ニハ一箇ノ淡黑條アリ、此條ニハ其中中央ニ灰黃線アリテ之ヲ二分スルコト多シ、基部ニ近キ内緣ニハ白色ノ緣毛ヲ有シ、基部ニハ帶綠灰黃色ノ毛ヲ生ゼリ、裏面ハ淡黃褐色又ハ黃褐色ニシテ黑點ヲ撒布シ、外緣部ハ紫色ヲ呈シ、基部ヨリ中央部ハ重ニ黑色ヲ呈ス、前緣ニ接シテ灰黃色ノ毛ヲ生ゼリ、後翅ハ黑色ニシテ外緣ニ至ルニ從ヒ漸次淡色トナリ、内緣角ヨリ内緣ニ沿ヒ灰黃色ヲ呈シ、外緣ニ平行ニ一條ノ灰黃線アリ、又内緣部ニ帶綠灰黃色ノ毛ヲ生ゼリ、緣毛白色ナリ、裏面ハ略上翅

ノ裏ニ同ジクシテ三箇ノ暗横線ヲ數フベシ。頭部及ビ胸部ハ綠褐色ニシテ共ニ白毛ニテ限ラレ、四箇ノ黃褐色縦線ヲ有シ、中央ニ往々灰色ノ縦線ヲ有ス。腹部ハ黃金色ニシテ綠褐色ノ廣帯ヲ縱走セシメ、其中央ニ二條ノ淡色條ヲ認ムベシ。體ノ下面ハ淡肉色ヲ呈シ、氣門ハ黑色ヲ呈ス。觸角ハ灰白色ニシテ、脚モ灰白色ヲ呈シ、黑色ノ微點ヲ撒布ス。翅ノ展張一寸八分乃至二寸四分。體長一寸乃至一寸三分。

幼蟲 第一形 綠色ニシテ濃色ノ背線ヲ有シ、亞背線ハ白色ニシテ其上方濃綠色ナリ、但シ體ノ前方ニ於テハ明瞭ナラズ、第一節ヨリ第三節ニ亘リ亞背線ノ位置ニ白色或ハ淡黃色ノ圓點ヲ配列シ、第四、第五節ニハ眼狀紋アリテ内部綠色ニ外環淡黃色ナリ、第六、七ノ二節ニハ二箇ノ圓點ノ連接セルモノアリ、第四節ヨリ第十一節ニ亘リ七箇ノ側斜條ヲ有スレドモ明瞭ナラザルヲ多シ、各節ノ横皺ハ六個ニシテ前方ノ一皺ハ其幅特ニ廣シ、尾角ハ赤褐色ニシテ小顆粒ニ富メリ、胸脚ハ赤色ナリ。

第二形 其色彩ハ褐色或ハ赤褐色ニシテ都テノ紋理ハ第一形ニ異ルヲナシ、但シ側斜條ハ第一形ニ比シテ判然タルヲ通例トス。

蛹 暗灰色ニシテ褐色ヲ帶ビ、吻鞘部ハ楔狀ヲ呈シ、黑點ヲ撒布ス、尾端ニ刺ヲ有ス。

季節 成蟲 五月乃至八月。 幼蟲 六月乃至九月。

嗜食植物 ぶどう、やぶからし、つた、のぶどう。

分布 北海道、本嶋、四國、九州。

(三十一) セヌチヌズメ

異名 キベツトツ。

(第一版第二圖 A幼蟲第一形、B蛹、C成蟲)

Thereva Oldenlandiae Fabr.

成蟲 前翅ハ灰褐色ニシテ少シク綠色ヲ帶ブルヲアリ、内縁ノ中央ヨリ斜ニ前縁角ニ向ヒ灰黃色ニ

シテ外方黑褐色ヲ呈スル廣帯ヲ發シ、其内側ニ狭キ一箇ノ黃白線ヲ有シテ又其内側ニ稍廣キ黑褐色帶ヲ存シ、其帶中ニ三箇ノ黑線ヲ識別スベシ、外側ニモ亦一箇ノ黃白線アリテ其外方ニ灰白線アリ、黑色ノ室点ヲ有ス、後縁部ニ銀白色ノ縁毛アリ、後翅ハ暗褐色ニシテ灰黃色ノ亞外縁帶ヲ有ス、縁毛ハ白色ナリ、裏面ハ兩翅共ニ黃褐色ニシテ紫褐色ノ細點ヲ滿布シ、外縁及ビ基部ハ灰褐色ヲ呈シテ紫褐色ノ横條數箇ヲ數フベシ、頭胸部ハ綠褐色ニシテ共ニ白毛ヲ以テ限ラレ、胸部ノ中央ニハ灰色ノ縦條アリテ其左右ニ黃灰色ノ縦條ヲ有ス、腹部ハ綠褐色ニシテ側部ハ淡黃褐色ヲ呈シ、背上ニ二箇ノ銀白條アリ、是一見コナズメト區別スベキ要點ナリ、體ノ下面ハ灰白色ニシテ暗色ノ微點ヲ撒布ス、觸角ハ灰黃色ニシテ、脚モ灰黃色ヲ呈シ、其先端暗色ナリ。翅ノ展張二寸一分乃至二寸四分。體長一寸二三分。

幼蟲 着色ハ種々ニシテ、黑褐色、暗褐色、綠色等ノモノアレドモ紫黑色ノモノヲ普通トス。

第一形 紫黑色ニシテ頭部ハ比較的小ニ、額片及ビ觸角ハ淡黃色ヲ呈シ、背部ニハ黑色ノ短線ヲ無數ニ縱走セシメ、背線ハ黑色ナリ、第一節ヨリ第三節ニ至ル亞背線部ニハ黃色及ビ白點ノ圓點ヲ一列ニ連テ、其數九個アリ、第四、第五兩節ニ存スル眼狀紋ハ内部黑色ニシテ黃色ノ中環ト黑色ノ外環トヲ有シ、其外方ニ少シク淡碧色ヲ帶ベリ、第六ヨリ第十節ニ存セル眼狀紋ハ内部淡碧色ト暗赤色ト黃色及ビ赤色等ヲ混ジ、外環ハ黑色ナリ、亞背線ハ灰黃色ニシテ此等ノ眼狀紋ヲ連綴セリ、四節以下ノ各節ノ前端ニハ黃色ノ點紋横帯ヲ有シ、各節ノ褶皺ハ六個ヲ數フベクシテ、前端ノ一皺其幅廣シ、氣門ノ後方ニハ暗色ノ斜條七箇ヲ有スレドモ明瞭ナラザルヲアリ、氣門下線ハ淡黃色或ハ多少赤色ヲ帶ビテ其上方ニハ黃色ノ小點ヲ撒布セリ、尾角ハ黒クシテ尖端白ク、胸脚ハ赤褐色ニシテ、腹部ハ黑色ナリ、腹部ノ下面ハ淡黑色ニシテ、小黃點ヲ撒布セルヲ多シ、此幼蟲ハ生長ノ程度ニヨリテモ其着色紋理ヲ異ニスルヲ多シ、即チ二回ノ蛻皮ヲナス迄ハ各節ノ前端ニ黃帶ヲ有セザルヲ多ク、又初メ綠色ニシテ後ニ紫黑色ニ變ズルモノアリ。

第二形 暗褐色ノモノ、

第三形 綠色ノモノ、

第二、第三形ハ唯其色彩ヲ異ニセルノミニテ大體ニ於テ相違アルコトナシ、

蛹 黄灰色ニシテ黒點ヲ撒布シ、こすずめノ蛹ニ酷似セリ、

季節 成蟲 六月乃至八月、 幼蟲 七月乃至九月、

嗜食植物 ほうせんく、 やぶからし、 からすびしやく、 むさしあぶみ、 さこいも、

分布 北海道、 本嶋、 四國、 九州、

附説 幼蟲ノ若キトキハ行進ノ際尾角ヲ前後ニ動かス、盛ナリ、一年ニ回發生ス

(三十二) イツボンセスチヌメ

Theretra pinastria Mart.

(第五版第三圖 A 幼蟲第一形、B 蛹、C 成蟲)

成蟲 前翅ハ灰黄色ニシテ前縁部及ビ外縁部ハ灰色ヲ帯ビ、内縁ノ基部ニ近キ所ヨリ翅尖ニ向ヒテ走レル黒褐色ノ廣帯アリ、此中更ニ二箇ノ濃線ヲ區別スベク、殆ンド外縁ニ平行シテ走レル四箇ノ暗線アリテ、外方ノモノハ多少波状ヲ呈スルヲ常トス、中央ヨリ少シク前縁ニ近ク黒色ノ室點アリ、縁毛ハ暗灰黄色ナリ、後翅モ灰黄色ニシテ基部ヨリ中央部ノ過半ハ黒褐色ヲ呈シ、外縁部ハ灰色ヲ帯ビ、縁毛ハ灰黄色ナリ、裏面ハ兩翅共ニ黄褐色ニシテ黒褐色ノ微點ヲ撒布シ、外縁部ハ灰紫色ヲ呈シテ一二條ノ暗帯ヲ認ムベシ、頭胸部ハ茶褐色或ハ黄褐色ニシテ、背面ニ一箇ノ銀白條アリ、コレ一見せずちすずめト區別スベキ要點ナリ、觸角ハ灰黄色、脚モ灰黄色ナリ、翅ノ展張一寸八分乃至二寸三分、體長一寸乃至一寸三分、

幼蟲 第一形 暗褐色ニシテ淡褐色ノ細點ヲ撒布シ、背線ハ黒褐色ヲ呈シ、亞背線モ亦黒褐色ニシテ眼形紋ヲ聯テタリ、第四節ヨリ第十一節ノ各側ニ亘リ眼形紋ヲ有スルコト略せずちすずめノ幼蟲ニ均シク、其色黄ニシテ上邊少シク紅紫色ヲ帯ビ、中央黒ク周圍ニ黒環ヲ有セリ、氣門上線ハ淡黄色ニシテ氣門下線モ亦同色ナリ、頭部ハ割合ニ小ニシテ褐色ヲ呈シ、頭頂部ニ各一ノ黒褐色條アリ、腹部ハ暗褐色ニシテ腹線ハ暗褐色ナリ、尾角ハ黄褐色ニシテ其尖端黒色ナリ、

第二形 全體綠色ヲ呈スルヲ以テ第一形ト區別ス、然レドモ斑紋點條等ハ大同小異アルノミ、

蛹 灰褐色ニシテ黒褐ノ短線、及ビ小點ヲ撒布シ、前頭部ノ楔狀ヲナセルコトこすずめ及ビせずちすずめニ酷似シ、尾端ニ鉤刺ヲ有セリ、

季節 成蟲 七、八月、 幼蟲 八、九月、

嗜食植物 さこいも、

分布 九州、 臺灣、

附説 卵ハ短卵圓形ニシテ食草ノ葉裏ニ一粒ツ、産附ス、老熟シタル幼蟲ハ根部或ハ他所ニ轉ジ稀ニ葉上ニ粗繭ヲ營ミテ蛹化スルコトアリ、

(三十三) ヒロウドスズメ

(第五版第七圖 A 幼蟲、B 蛹、C 成蟲)

Rhagastis mongolianus Butler.

成蟲 前翅ハ黒褐色ニ、暗綠色或ハ赭色ヲ帯ビテ、天鵞絨狀ヲ呈シ、前縁ハ淡紅白色ナリ、外縁部ハ灰紫色ヲ呈シテ翅尖ニ黒點アリ、黒色ノ室點ヲ有ス、前縁ヨリ内縁ニ亘レル數條ノ彎曲黒線アリ、時トシテハ連續セル點ノ如キ觀ヲ呈スルコトアリ、基部ニハ灰色毛ヲ生ジ、内縁ノ基部縁毛ハ灰白色ナリ、裏面ハ黄褐

色ニシテ赤色ヲ混ジ、微細ノ黒點ヲ撒布シ、三箇ノ彎曲點線ヲ認ムベシ、然レドモ不明瞭ナルコト多シ、外縁部ハ暗灰色ヲ呈シ、基部ハ黒色ヲ呈ス、後翅ハ黒褐色ニシテ幽ニ黃褐色ノ横帶ヲ認ムベシ、然レドモ通常臀角ニ近ク黃褐色ノ斑狀ヲ呈スルコト多シ、縁毛ハ黒褐色ト白色トヲ交互セリ、裏面ハ黃褐色ニシテ外縁部暗褐色或ハ赤褐色ヲ呈シ、赤色或ハ黒褐色ノ微點ヲ撒布シテ二箇ノ黒色點線ヲ認ムベシ、體ハ黒褐色ニ綠色ヲ帶ビ、胸部ハ一層濃色ニシテ黃褐色ヲ混ジ、白毛ヲ以テ限ラル、體ノ下面ハ黃褐色ニ赤褐色ヲ混ジ、脚ハ灰色ナリ、翅ノ展張一寸七分乃至二寸二分、體長八分乃至一寸一分、

幼蟲 淡褐色ニシテ淡青色ヲ帶ビ、第一節ヨリ第四節マデノ兩側ハ黃褐色ヲ帶ベリ、頭部ヨリ尾角ニ至ル背部ニハ連續稜形ノ黒褐斑アリテ、多數ノ黒色短線ヲ縱走セシメ、側部ニモ大鋸齒狀ノ黒褐色部アルヲ以テ、各節ノ側部ハ連續菱形ヲ現ハセリ、側部ハ黒色ノ短縱線、各褶ノ黃褐線ト交叉シテ殆ンド網狀ヲ呈ス、背線ハ黒色ニシテ第四節ニ眼形紋アリ、其中央黒ク中環ハ褐色ニシテ外環ハ黒色ナリ、第三、四節ノ側部ハ非常ニ膨脹シテ白色ノ細點ヲ撒布ス、各節ノ横皺八箇ヲ算ス、背部ノ黒褐色部ニハ背線ノ左右ニ各一箇ノ黃褐色點ヲ認ムベシ、尾角ハ主ニ淡黃褐色ニシテ淡青色ヲ混ジ、尖端黒褐ナリ、體ノ各部ニ淡赤褐色ヲ帶ブルコトアリ、胸脚ハ淡黄色ニシテ、腹脚ハ暗色ナリ、

蛹 黃褐色ニシテ綠色ヲ帶ビ、黒褐色ノ細點ヲ撒布ス、尾刺ハ尖端二分セリ、是此蛹ノ特徴ナリ、

季節 成蟲 五月乃至八月、幼蟲 六月乃至九月、

嗜食植物 やぶからし、ぶどう、

分布 本嶋、四國、九州、

へびのぼらず、

(三十四) タカサコスズメ

Cephenena minor Butler.

(第五版第四圖 成蟲)

成蟲 前翅ハ帶褐黄色ニシテ、前縁ハ帶綠黄色ヲ呈シ、其後部ハ橄欖綠色ヲ帶ビタリ、外縁部ニハ紫褐色ノ細點ヲ撒布シ、紫褐色ノ室點ヲ有ス、翅尖ヨリ斜ニ内縁ノ殆ンド中央ニ走レル紫褐色條アリテ、其内方ニ是ニ並行セル數箇ノ綠褐色帶ヲ有シ、後方ニモ亦綠褐又ハ紫褐色帶二三箇アリ、縁毛ハ紫褐色ニシテ短シ、裏面ハ橙黄色ヲ呈シテ、黒色ノ細點ヲ撒布シ、黒色ノ横線三箇ヲ認ムベシ、外縁部ハ黃褐色ヲ呈シ、基部ハ暗黒色ナリ、後翅ハ黒色ニシテ外縁ニ並行ニ橙黄色ノ廣帯アリ、縁毛ハ橙黄色ナリ、裏面ハ帶白橙色ニシテ濁リタル色ヲ呈ス、體ハ橄欖綠色ニシテ、頭胸部ハ帶紅灰色ノ毛ニテ限ラレ、腹部ノ背面ニハ四箇ノ帶紅灰色條ヲ有シ、後方ニハ紫色ノ細點ヲ撒布セリ、腹部ノ側面ハ黄色ニ赤色ヲ混ジ、其下面ハ白色ナリ、觸角ハ灰黄色ニシテ、脚モ灰黄色ヲ呈シ、腿節黃褐色ヲ帶ブ、翅ノ展張三寸三分、體長一寸五分、

内外

幼蟲

蛹

季節

嗜食植物

分布 臺灣

附說 此種ハ初ノ臺灣ニテ採集シタルニヨリ、高砂嶋ノ名ニ因ミテ、たかさおすずめノ新和名ヲ附ス、



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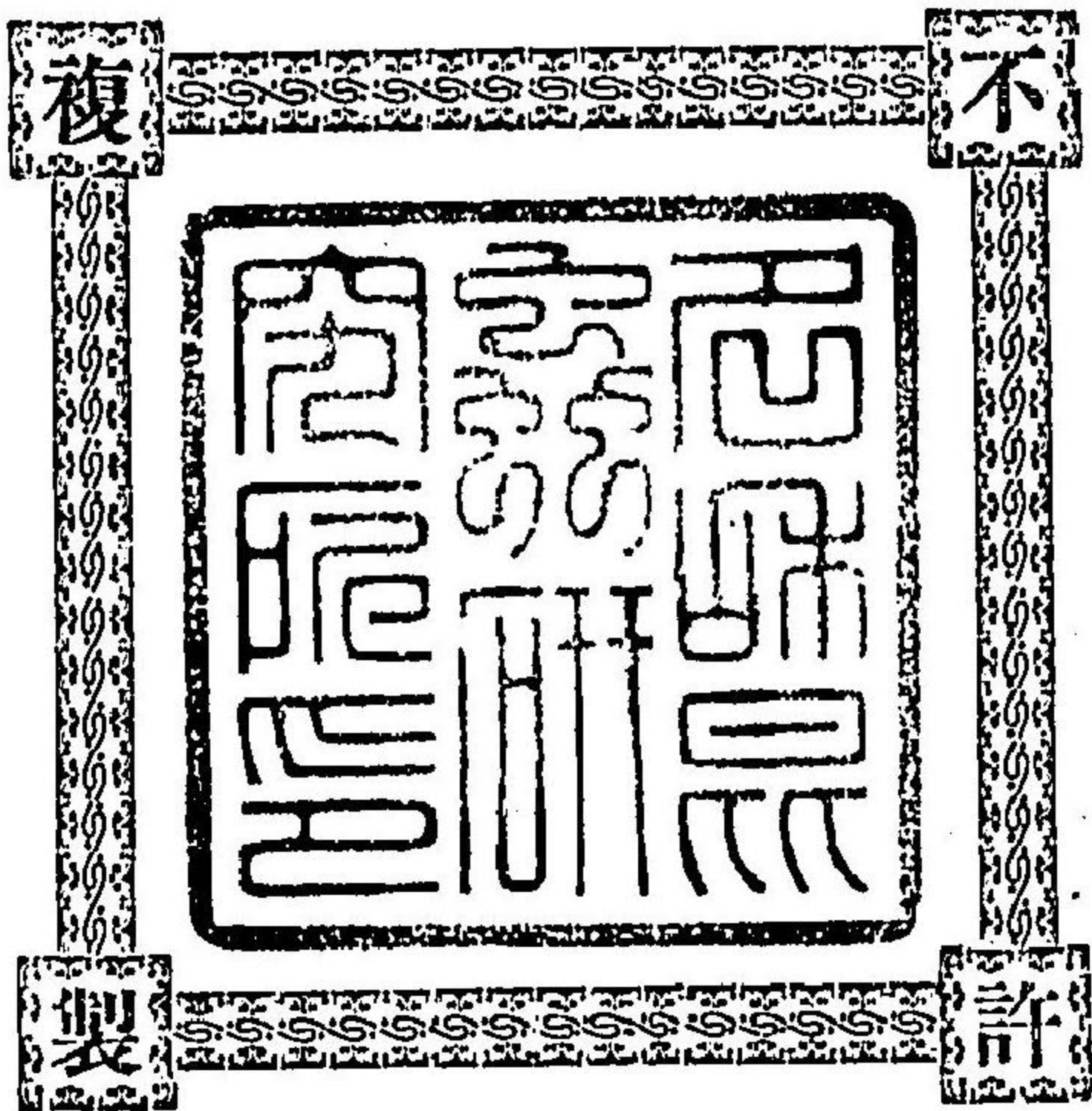
印刷者

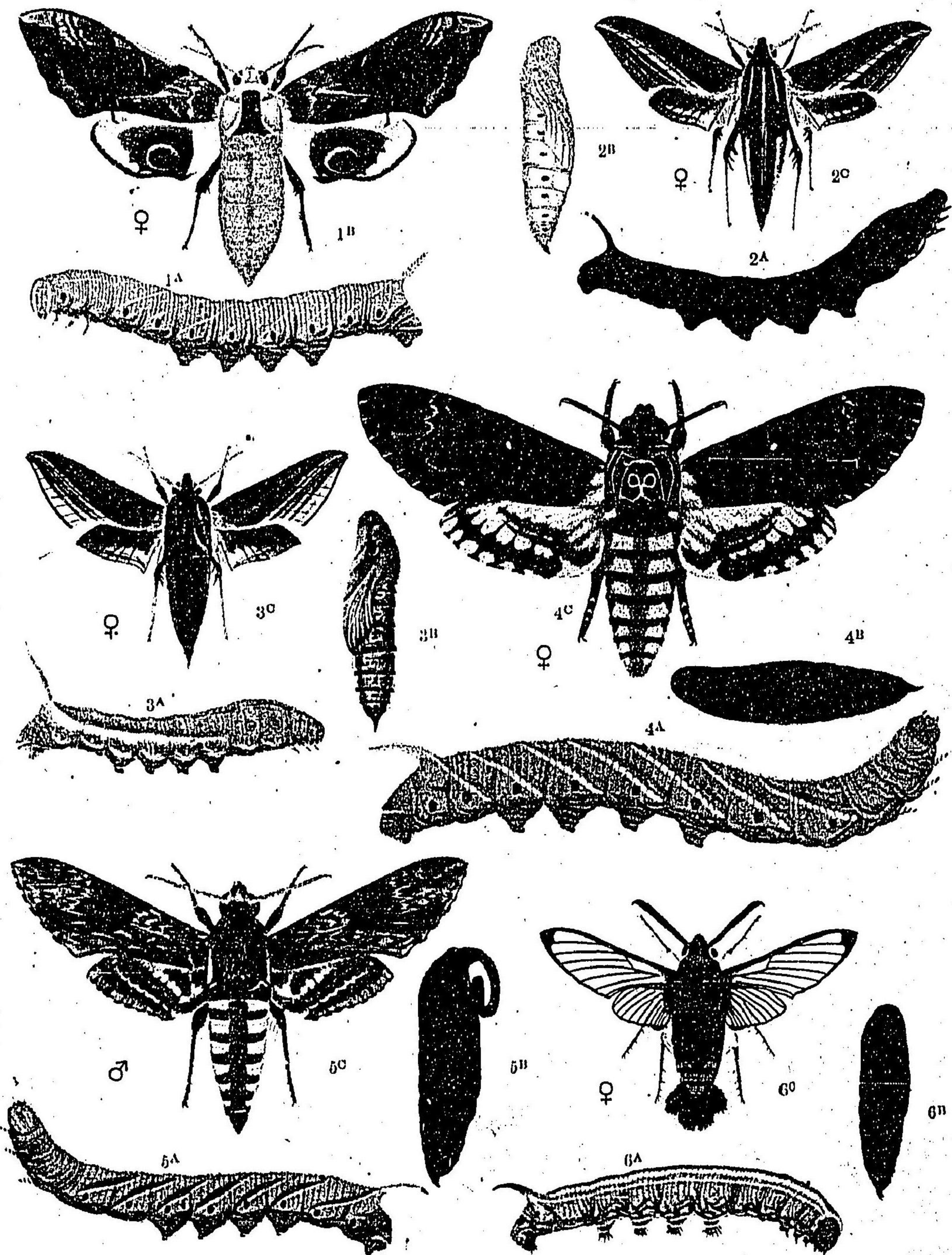
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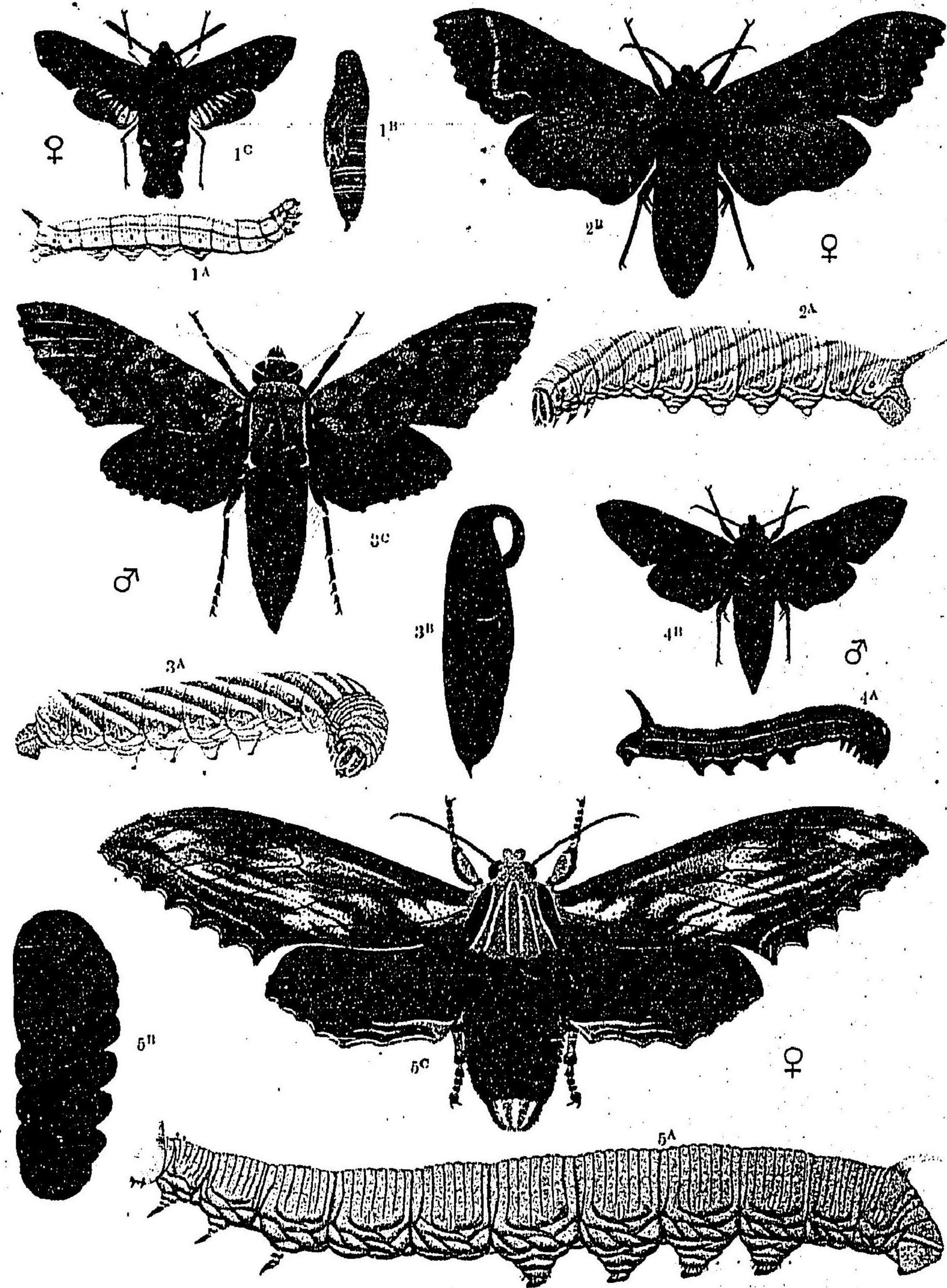




H. Ho del.

T. Kawata imp.

- | | | | |
|---------------------------------------|-------|-------------------------------------|--------|
| 1. A. B. <i>Sphinx plaus.</i> | メズスタウ | 4. A-C. <i>Acherontia styx</i> var. | メズクガンメ |
| 2. A-C. <i>Theretra Oldenlandiae.</i> | メズササセ | 5. A-C. <i>Herse convolvuli.</i> | メズラガビエ |
| 3. A-C. <i>Theretra japonica.</i> | メズスコ | 6. A-C. <i>Cephonodes hylas.</i> | メシカスホオ |

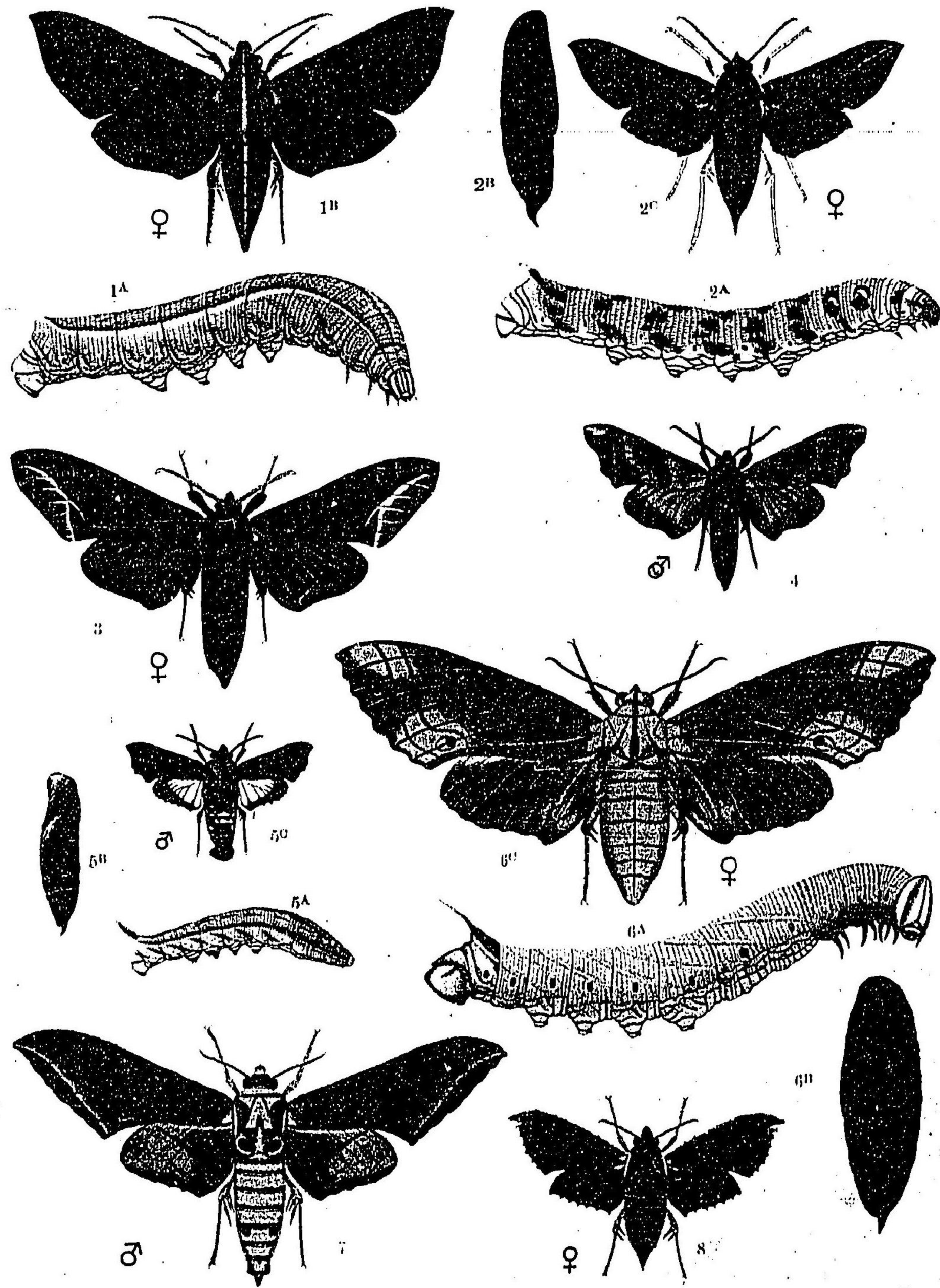


H. Ito del.

T. Kawata imp.

- 1. A-C. *Macroglossum stellatarum*. クヤジウホ
- 2. A, B. *Marumba guschkewitschi* var. メズスモモ
- 3. A-C. *Pallogramma menephron* var. メズスリフモシ

- 4. A, B. *Hyloicus caliginus*. メズスロク
- 5. A-C. *Langia zenzeroides* var. メズスリフモシ

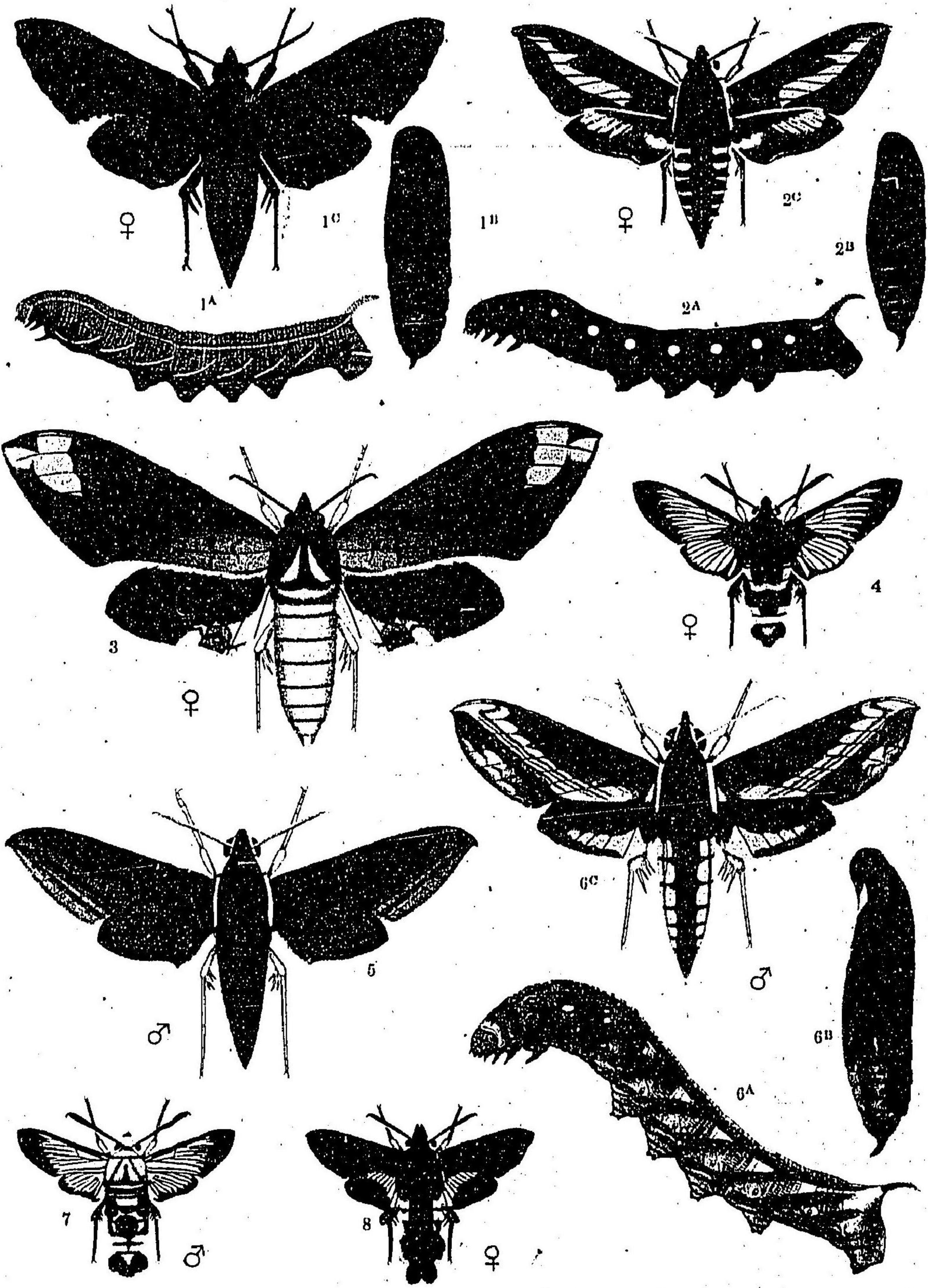


U. Godef.

1. A, B. *Ampelophaga rubiginosa*. メズスマルク
 2. A-C. *Pergesa elpenor* var. メズスニベ
 3. *Parum colligita*. メズスシボンヤ
 4. *Mimas tilino* var. メズスゴサヒ

T. Kawanu Imp.

5. A-C. *Gurela munitriensis* var. クヤジウホメヒ
 6. A-C. *Marumba sperchitis*. メズスパチク
 7. *Oxyamilulix ochracea*. メズスパソホ
 8. *Pergesa ussoidensis*. メズスメヒ



H. Ho del.

T. Kawata imp.

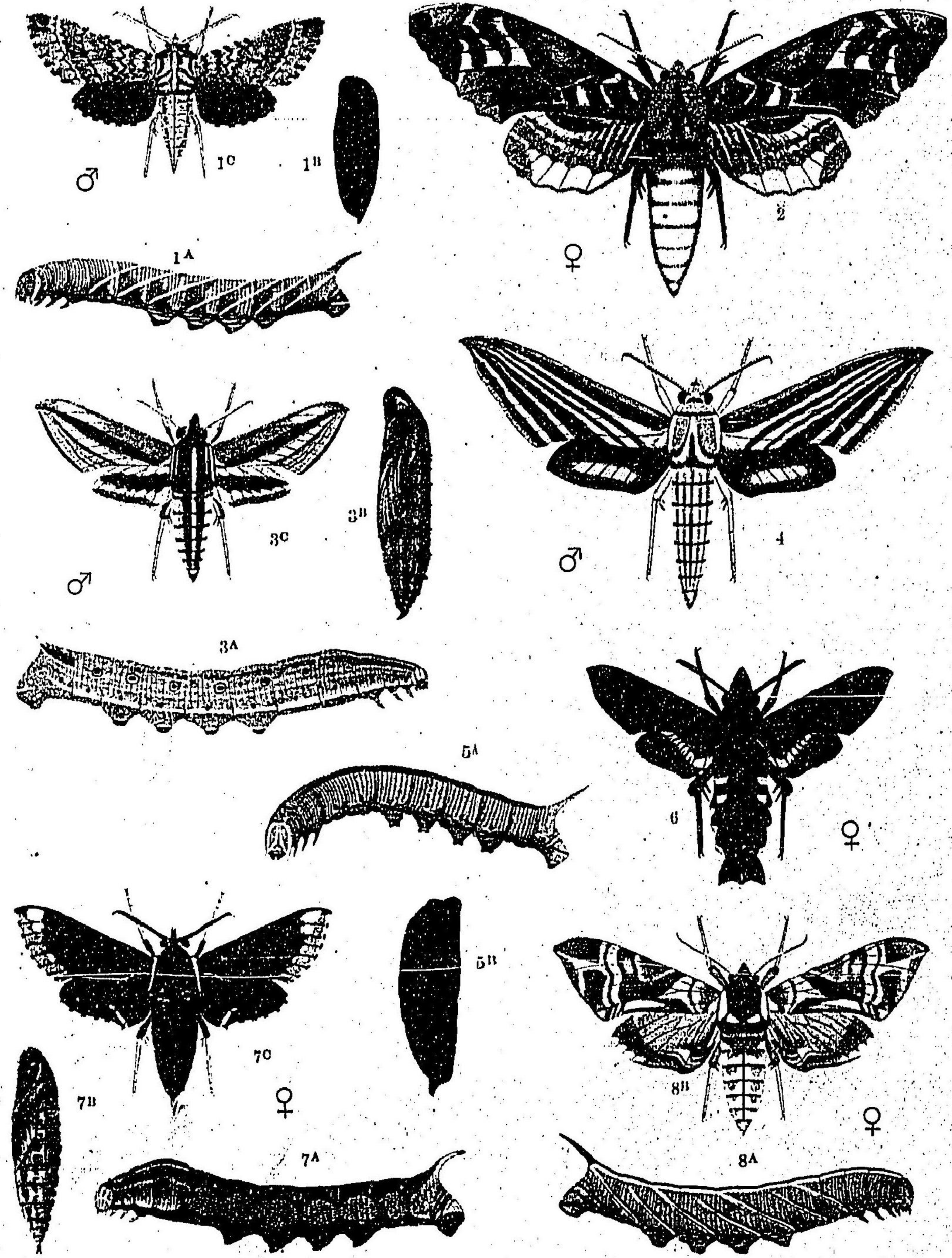
- 1. A-c. *Ascomeryx castanea*.
- 2. A-c. *Celerio galli*.
- 3. *Clinis bilineata*.
- 4. *Haemorrhagia fufiformis* var.

- メズモグロク
- メズスキブイ
- メズスロイビト
- ハシカスロク

- 5. *Theretra alceto*
- 6. A-c. *Theretra nessus*.
- 7. *Haemorrhagia radians*.
- 8. *Mauroglossum bombylans*.

- メズスニベクシ
- メズスロイキ
- クヤジウホバキス
- クヤジウホロクメヒ

Lepidoptera



H. Ito del.

T. Kawata imp.

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NAWA
ICONES JAPANICAE

INSECTAE

VOL. I.

LEPIDOPTERA
SPHINGIDAE

BY

K. NAGANO

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EDITORS PREFACE.

It has been and is my cherished intention to publish in a serial a work containing illustrations and descriptions of Japanese insects, which were collected and observed in my entomological laboratory. I am happy that I am now able to announce the publication of the first volume of the contemplated work. The author, Mr. K. Nagano, is a teacher of natural history in the Tokyo Third Middle School. He is an enthusiastic scholar and has devoted many years to the study of Japanese moths. The present volume is a result of his patient and laborious studies, and I have no doubt that it will receive due attention from all those who are interested in this branch of science.

Y. Nawa.

Director of the Nawa Entomological Laboratory.

Gifu, September, 1904.

AUTHOR'S PREFACE.

In this volume, I have endeavored to explain in simple Japanese and English languages, all the specimens of Japanese Sphingidae, which are contained in the collection of the Nawa Entomological Laboratory. In order to avoid complicated descriptions, I have introduced a large number of original colored plates. I regret, however, that although I have done my best to secure perfection, yet owing to the fact that the art of lithography in this country is still in an undeveloped stage, these plates are far from being satisfactory.

My best thanks are due to Mr. Y. Nawa, Mr. C. Rothschild and other gentlemen for their kind assistance in the preparation of this little work.

K. Nagano.

Tokyo, September, 1904.

NAWA ICONES JAPANICAE INSECTAE.

LEPIDOPTERA, SPHINGIDÆ.

Herse covoluli Linn.

Japanese name: Elbigara-suzume. (Plate I, fig. 5, A-C.)

Imago.—Fore-wings grey or dark grey, mixed with brown, whitish sprinkled, with darker dentate stripes; two longitudinal black streaks in middle; a whitish discal spot; an irregular black apical line; two reniform spots, encircled with black, near middle of margin. Hind-wings grey, whitish sprinkled; basal and subbasal belts blackish; two cloudy postmedian and submarginal bands blackish; cilia dark-grey and grey. Wings below grey, whitish sprinkled; two or more darker fasciae. Expanse, 93—170mm. Head and thorax dark-grey, bordered with grey; abdomen dark-grey, banded with white, red and black in each segment. Length, 40—46mm.

Larva, first form.—Green; dorsal line deeper, sometimes indistinct; on 4—11 segments a series of yellowish-white oblique lateral stripes, marked with dark-violet above; spiracles black encircled with yellowish-brown. Horn yellowish-brown, tip black.

Second form.—Dark brown, blackish dotted, except of 1 and 11 segments; dorsal line blackish-brown; on 4—11 segments a series of oblique lateral blackish-brown stripes; spiracles black; subspiracular line pale rosy.

Pupa.—Deep brown, furnished with a long projecting convoluted tongue sheath.

Time of appearance.—Imago: July—September. Larva: August—November.

Food-plants.—*Ipomoea Batatas*, *Calystegia sepium*, *Pharbitis hederacea*, *Tetragonia expansa*, *Dolichos Lablab*, *Phaseolus mungo*.

Distribution.—Yezo, Honsiu, Shikoku, Kiusiu, Formosa.

Acherontia styx Moore. var. *crathis* Rothschild.

Japanese name: Mougata-Suzume. (Plate I, fig. 4, A-C.)

Imago.—Fore-wings black or blackish-brown, whitish and ochreous sprinkled, with wavy black stripes; first stripe sometimes accompany with whitish or ochreous line; margins of median band suffused with whitish and ochreous on costal half; a deep yellow discal spot; ochreous short dashes between each veins of margin. Hind-wings deep yellow; veins posteriorly more or less black; median and subterminal band dark or black. Wings below ochreous-yellow; three dark bands, outer ones widest but paler. Expanse, 93—106mm. Head black; thorax bluish-black, with black border; a skull-shaped blotch, with ochre and black; abdomen deep yellow, with black transverse bands on each segment; a longitudinal dark-blue stripe. Length, 42—50mm.

Larva, first form.—Green or yellowish green; on 4—11 segments a series of oblique lateral stripes;

yellow below blue above, meeting in an angle on back, and blue dotted; spiracles black, encircled with yellow; horn yellow, green dotted.

Second form.—Blackish-brown, tinged with dark violet, grey dotted; lateral line grey; on back of 2 and 3 segments many blackish dashes; on 1 segment many black dots; spiracles black.

Pupa.—spindle shaped; reddish-brown.

Time of appearance.—Imago: June—September. Larva: June—October.

Food-plants.—*Sesamum indicum*, *Solanum melongena*, *Solanum tuberosum*.

Distribution.—Honsiu, Shikoku, Kiusiu.

Psilogramma menephron Gramer. var. *incretata* Walker.

Japanese name: Shimofuri-suzume. (Plate II, fig. 3, A-C.)

Imago.—Fore-wings dark grey, with darker dentate striae, whitish-sprinkled; a white discal spot; two black median streaks; an irregular black apical streak. Hind-wings greyish-black, deeper posteriorly, partly whitish sprinkled; cilia white and black. Wings below dark-grey, with two darker fasciae. Expanse, 85-130mm. Body dark-grey, whitish-sprinkled, whitish below; head and thorax black bordered; abdomen with three longitudinal greyish-black stripes. Length, 40-51mm.

Larva, first form.—Green, slighter or deeper; 1-3 segments white spotted, sometimes other segments black dotted; on 4-11 segments a series of oblique lateral white stripes, marked with pale bluish-lilac above; on sides of 11, 12 segments brownish dotted; spiracles black, encircled with whitish-yellow; horn pale-brown, white dotted.

Second form.—Deep green, suffused with brownish short dashes; white lateral oblique stripes, marked with brown above.

Pupa.—Dark-brown, furnished with a projecting curved tongue-sheath.

Time of appearance.—Imago: May—August. Larva: June—September.

Food-plants.—*Paulownia tomentosa*, *Clerodendron tricotomum*, *Ligustrum Iboti*, *Osmanthus aquifolium*.

Distribution.—Yezo, Honsiu, Shikoku, Kiusiu, Loo-choo.

Hyloicus caliginus Butler.

Japanese name: Kuro-suzume. (Plate II, fig. 4, A, B.)

Imago.—Fore wings dark grey, closely irrorated with ashy-white; two strongly curved blackish-brown bands running from costa, inner ones turning inwards to base and outer ones running to dorsum, but sometimes indistinct; a white discal spot; three or four longitudinal black dashes on disc; an oblique black apical line; cilia white and dark-grey. Hind-wings dark-grey, deeper posteriorly. Wings below greyish-brown. Expanse, 60-74mm. Body dark-grey, whitish-sprinkled; thorax with arch shaped blackish-brown stripe; abdomen banded with blackish-brown, and with a longitudinal blackish-brown stripe. Length, about 30mm.

Larva.—Green; dorsal line dark brown, edged by pale yellow lines; sublorsal line white; spiracular line black; subspiracular line yellowish; 1 segment with four black spots; 11 and 12 segments black dotted;

horn purplish-brown with black short bristles.

Pupa.—blackish-brown.

Time of appearance.—Imago: May—July. Larva: June—September.

Food-plants.—*Pinus densiflora*, *Pinus Thunbergii*, etc.

Distribution.—Honsiu, Shikoku, Kiusiu.

Dolbina tancrei Staud.

Japanese name: Sazanami-suzume. (Plate V, fig. 1, A-C.)

Imago.—Fore-wings yellowish-grey, partly olivaceous, with terminal purplish-grey; indistinct wavy stripes on basal area; a series of dark spots on costal part; three dark wavy stripes on median area, middle ones indistinct; a white discal spot; cilia black and grey. Hind-wings dark-brown posteriorly darker. Wings below dark-brown posteriorly paler; a dark curved-stripe. Expanse, 55-67mm. Body yellowish-grey, tinged with olive; thorax with four dark stripes; abdomen with a dark dorsal line and lateral series of dark spots. Length, 23-30mm.

Larva.—Green, white-dotted, lower side tinged with bluish-purple; on 3 or 4-11 segments a series of white oblique lateral stripes; purplish-brown blotches on lateral side of 5-11 segments; spiracles white with lateral black; horn pale green, tinged with rosy, black dotted.

Pupa.—Purplish-brown.

Time of appearance.—Imago: May—August. Larva: May—September.

Food-plants.—*Fraxinus Bungeana*, *Ligustrum Iboti*, *L. Japonicum*.

Distribution.—Honsiu.

Oxyambulyx ochracea Butler.

Japanese name: Hosoba-suzume. (Plate III, fig. 7.)

Imago.—Fore-wings dull-brown or yellowish-brown; half and subbasal lines dark; a dark dentate fascia and four or more dark dentate bands from dorsum to apex, sometimes indistinct; a dark discal dot, sometimes indistinct; near base darkish-olive round blotch; near inner angle two darkish-olive blotches, sometimes connected. Hind-wings brownish-orange, with posteriorly dark-brown; two or more stripes dark-brown. Wings below brownish-orange, streaked and sprinkled with reddish-brown. Expanse, 95-102mm. Body yellowish-grey; a dark blotch on head; dark blotches and white lunate blotches on thorax; on 6 and 8 segments of abdomen round black blotches. Length, 36-38mm.

Time of appearance.—Imago: July, August.

Distribution.—Honsiu.

Clanis bilineata Walker.

Japanese name: Tobiiro-suzume. (Plate IV, fig. 3.)

Imago.—Fore-wings brown, shaded with lilac; marginal area olivaceous; a triangular lilac-brown blotch

near apex; three lilac-brown wavy lines from costa to dorsum; two subbasal wavy stripes lilac-brown. Hind-wings dark-brown, partly blackish, with yellowish-brown towards base and dorsum; two submarginal dentate lines indistinct; anal part pale purplish. Wings below yellowish-brown; three fasciae lilac-brown. Expanse, 104-115mm. Head and thorax yellowish dark-brown, tinged with greenish; abdomen yellowish-brown. Length, 40-45mm.

Time of appearance.—Imago: July.

Distribution.—Honiu.

Marumba gaschkewitschi Brem et Grey. var. ecephron Bois.

Japanese name: Momo-suzume. (Plate II, fig 2, A, B.)

Imago.—Fore-wings brownish-ochreous or reddish-brown, inner part lilac-brown; marginal part blackish-brown; two darker lines and a curved fascia on basal area; a lunate discal spot dark lilac; a dark curved fascia fringing with deeper lines, from about middle of dorsum to costa, sometimes containing one or more wavy lines; two black spots near inner angle, sometimes connected altogether. Hind-wings rosy, brownish posteriorly; two black spots at anal angle, sometimes formed a dash connecting altogether. Wings below drab, towards base rosy; marginal area dark-brown or ochreous; a brownish or ochreous fascia fringing with deeper lines. Expanse, 87-100mm. Body lilac brown, with indistinct dark central stripe. Length, 35-39mm.

Larva, first form.—pale green, whitish-yellow dotted; dorsal line paler; on 1-3 segments a pale yellow longitudinal lateral stripe; on 4-11 segments a series of yellow oblique lateral stripes, converging on back; spiracles white circled.

Second form.—Yellow, with orange on lateral sides, whitish-yellow dotted; lateral oblique stripes yellow dotted, marked with reddish-brown above; horn greenish-yellow, yellow dotted.

Pupa.—Darkish-brown

Time of appearance.—Imago: May—August. Larva: June—October.

Food plants.—Prunus persica, P. pseudo-cerasus, P. Miqueliana, Pirus spectabilis,

Distribution.—Yezo, Honsiu, Shikoku, Kiusiu.

Marumba sperchius Men.

Japanese name: Kuchiba-suzume. (Plate III, fig. 6, A-C)

Imago.—Fore-wings yellowish-brown, median and marginal parts darker; a dark-brown lunate discal spots; a half line and four curved lines dark-brown, sometimes forming two dark-brown bands, on basal area; four median lines dark-brown, sometimes forming two bands; two curved lines dark-brown; two reddish or blackish-brown spots near external angle. Hind-wings dark-brown or purplish-brown, with ashy yellow towards dorsum; two reddish or blackish-brown spots near anal angle. Wings below ochreous, with several curved lines. Expanse, 100-138mm. Body drab, with a dark-brown longitudinal stripe. Length, 42-48.

Larva.—Pale or yellowish-green; white or yellow dotted; on 1-3 segments a pale yellow longitudinal

lateral stripe; on 4-11 segments a series of pale yellow oblique lateral stripes, with red dots; horn green, white dotted.

Pupa.—Deep-brown.

Time of appearance.—Imago: June—August. Larva: July—October.

Food-plants.—Quercus glauca, Q. myrsinaefolia, etc.

Distribution.—Yezo, Honsiu, Shikoku, Kiusiu, Loo-choo.

Langia zenzeroides Moore. var. Nawae Rothschild.

Japanese name: Ōshimofuri-suzume. (Plate II, fig. 5, A-C)

Imago.—Fore-wings white or ashy-white, sprinkled with blackish-brown; costal, marginal and inner arene greyish pale-blue; five irregular blackish-brown bands from dorsum toward apex, sometimes indistinct; outer margin very dentated; marginal line lilac-grey, with white inner fringe. Hind-wings yellowish-grey or dark grey, with silky lust; marginal area lilac grey, with two white lines; submarginal line blackish-brown; a short blackish-brown band toward inner margin. Wings below yellowish-brown, sprinkled with blackish-brown; from middle to base ashy-yellow; a blackish-brown fascia in hind-wings. Expanse, 150-160mm. Thorax greyish pale-blue, with a deeper back belt, black lateral belts and several greyish-yellow lines; abdomen greyish-brown; body rough scaled. Length, 52-87mm.

Larva.—Green, whitish-yellow dotted; subdorsal line whitish-yellow, with continuity of small process; horn very short, ochreous, whitish-yellow dotted.

Pupa.—Blackish-brown; abdominal segments ridged; black blotches on back.

Time of appearance.—Imago: April—September. Larva: May—October.

Food-plants.—Prunus Mume, P. Armeniaca, etc.

Distribution. Honsiu, Kiusiu.

Parum colligata Walker.

Japanese name: Ginboshi-suzume. (Plate III, fig. 3. Pl. V, fig. 5, A, B.)

Imago.—Fore-wings greenish-brown, shaded with lilac-brown; marginal area yellowish-grey; a silvery white discal dot; yellowish-grey blotch on base; a yellowish-grey fascia from before middle of costa to dorsum, and extended towards dorsum; a lilac-brown longitudinal band on median part; twice curved white stripe from dorsum to apex; irregular whitish spots on costa. Hind-wings lilac-grey, with terminal greenish-brown; a white arechal stripe and a blackish-brown band from anal angle to apex, terminally indistinct. Wings below greenish-brown; pattern about same to above. Expanse, 70-87mm. Body greyish-brown; head olivaceous; thorax bordered with greenish-brown. Length, 34-46mm.

Larva.—Green, yellow dotted, lower side dark-brown dotted; dorsal line deep purple; on 4-11 segments a series of yellow oblique lateral stripes; head bluish-green, with four white stripes; spiracles bluish-purple; horn green, yellow dotted.

Pupa.—Dark-brown.

Time of appearance.—Imago: June, July. Larva: August, September.

Food-plants.—*Broussonetia papyrifera*, B. Kasinoki.

Distribution.—Yezo, Honsiu.

Mimas tiliae Linn. var *Christophi* Staud.

Japanese name: Hisago-suzume. (Plate III, fig. 4)

Imago.—Fore-wings greyish pale-brown; a subbasal line dark-brown; outer margin irregularly dentated; marginal area dark brown, with a pale-brown spot near apex, and a submarginal line; a dark-brown band across centre, generally formed a irregular shaped blotch. Hind-wings pale brown, posteriorly darkish. Wings below yellowish-brown, posteriorly darkish. Expanse, 60mm. Body brown; thorax deeper. Length, 28mm.

Distribution.—Yezo.

Calambulyx Tatarinovii Brem. et Grey.

Japanese name: Ummon-suzume. (Plate V, fig. 8, A, B.)

Imago.—Fore-wings pale glaucous or ashy-glaucous, shaded with brownish-green on middle, inner part violaceous; a curved pale line on base; an olivaceous angulated band from before middle of dorsum to before middle of costa; an olivaceous lunate discal spot; a pale olivaceous median curved band, followed by two curved lines; greenish-brown blotches on marginal area. Hind-wings dark-rosy, posteriorly brownish-green; inner part shaded with dark-violet; sometimes dark-violet band from anal angle to costa. Wings below yellow, mixed with olivaceous, anteriorly rosy; marginal area whitish; a band and two lines dark-green. Expanse, 70-75mm. Head olivaceous-green; thorax pale-glaucous, with dark brownish-green on back; abdomen ashy-green, with a longitudinal purplish-brown stripe. Length, 30-34mm.

Larva.—Green, white dotted; on 3-11 segments a series of white oblique lateral stripes, with fringes of reddish-brown; dorsal line reddish-brown; horn reddish-brown, white dotted.

Pupa.—Deep brown.

Time of appearance.—Imago: May—July. Larva, May-August.

Food plant.—*Zelkova acuminata*.

Distribution.—Yezo, Honsiu.

Sphinx planus Walker.

Japanese name: Uchi-suzume. (Plate I, fig. 1, A, B.)

Imago.—Fore-wings pale rosy-brownish or brownish-grey, clouded with darker on median and marginal area; inner dentated lines pale-brown; darker angulated central stripe broken in middle; median band dark-brown; three subterminal waved lines brownish or darkish; a whitish lunate discal spot. Hind-wings rosy, posteriorly light ochreous brownish; a large round black blotch enclosing a dark grey spot encircled with pale blue. Fore-wings below whitish-brown, with rosy towards base; three waved stripes pale-brown; irregular apical streak whitish-grey; a pale-brown blotch on marginal area. Hind-wings below whitish-brown, a brown fuscine, two waved stripes pale brown. Expanse, 72-100mm. Body grey or brownish; thorax with a broad

dark-brown central band. Length, 28-30mm.

Larva.—Green, white-dotted; on 1-3 segments a white longitudinal lateral stripe; on 4-11 segments a series of white oblique lateral stripes; spiracles red-circled; horn yellow, white dotted.

Pupa.—Blackish-brown.

Time of appearance.—Imago: June-August. Larva: July-September.

Food-plants.—*Salix babylonica*, *S. purpurea*, *Prunus pseudocerasus*, *Pirus fnalus*, etc.

Distribution.—Yezo, Honsiu, Shikoku, Kiusiu.

Phyllosphingia dissimilis Brem. et Grey.

Japanese name: Ezo-suzume. (Plate V, fig. 2)

Imago.—Fore-wings greyish-brown, lilac tinged; a triangular dark-brown blotch, extending to costa from middle; basal area darker; subbasal curved band indistinct; an irregular darker blotch near apex; two submarginal bands darker, connected towards inner angle. Hind-wings greyish-brown, lilac tinged, darkish anteriorly; two lilac-grey dentate bands; a lilac-grey blotch near apex. Fore-wings below greyish-brown; marginal area brown; submarginal dentate stripe pale lilac; a dark-brown stripe on middle; whitish lunate spots near apex. Hind-wings below greyish-brown; marginal area brown; a reddish-brown blotch on basal area; two-four dark-brown waved bands on middle. Expanse, 105mm. Body greyish-lilac. Length, 45mm.

Distribution. Yazo.

Haemorrhagia radians Walker.

Japanese name: Sukiba-hijaku. (Plate IV, fig. 7.)

Imago.—Wings dark-brown, with transparent median, veins blackish; costa and base yellowish-brown. Expanse, 40-50mm. Body yellowish-brown; abdomen tinged with black, 6 segment black, two series of white dots on lateral side; anal tufts black, yellowish-brown mixed. Length, 20-25mm.

Time of appearance.—Imago: May-September.

Distribution.—Honsiu.

Haemorrhagia fuciformis L. var. *affinis* Bremer. forma *affinis* Bremer.

Japanese name: Kuro-sukashiba. (Plate IV, fig. 4.)

Imago.—Wings dark-brown, with transparent median; veins blackish; costa and base yellowish-olive. Wings below dark-brown, with yellowish towards costa and base. Expanse, 40-60mm. Body yellowish-olive; a black central band on abdomen; anal tufts blackish-brown, yellowish-brown mixed. Length, 24-27mm.

Time of appearance.—Imago: July, August.

Distribution.—Yezo, Honsiu.

Cephonodes hylas Linn.

Japanese name: Ō-sukashibu. (Plate I, fig. 6, A-C.)

Imago.—Wings transparent; veins blackish; costa and base of fore-wings yellowish-olive, and apex blackish; dorsum and base of hind-wings yellowish-olive. Expanse, 62-68mm. Body yellowish-olive with reddish belt on abdomen; and tufts black. Length, 26-34mm.

Larva.—Green, with pale blue head and whitish back; dorsal line sometimes pale-blue; subdorsal lines white; one or two series of black dots on lateral side; 1 and 11 segments yellow dotted; spiracles reddish; horn yellowish, black dotted, tip black.

Pupa.—Darkish-brown.

Time of appearance.—Imago: June-September. Larva: June-September.

Food-plant.—*Gardenia florida*.

Distribution.—Honsiu, Shikoku, Kiusiu, Formosa.

Remark.—Wings of this moth were covered with whitish scales in a moment emerging from the pupa, but immediately they lose them.

Ampelophaga rubiginosa Brem. et Grey.

Japanese name: Kuruma-suzume. (Plate III, fig. 1, A,B.)

Imago.—Fore-wings brown or ferruginous, with darker marginal area; about five darker fasciae, median widest, posteriorly wavy; a dark lunate discal spot; a dark deltoid blotch near apex. Hind-wings dark or blackish-brown, with about three deeper fasciae, almost paralleled to outer margin. Wings below yellowish-brown, with two brownish-orange fasciae. Expanse, 89-65mm. Body ochreous-brown, with a pale ashy-rosy stripe on back. Length, 38-42mm.

Larva.—Whitish-green, deeper freckled; dorsal line pale-blue, subdorsal line white, with lilac upper fringe; shaped whitish-yellow blotch on back of 4-11 segments; on 4-11 segments a series of oblique lateral dark stripes; 3 and 4 segments most swollen; horn pale-yellow, tip black.

Pupa. Greyish-brown, partly black dotted.

Time of appearance.—Imago: July-September. Larva: August-september.

Food-plant.—*Vitis vinifera*.

Distribution.—Yezo, Honsiu.

Acosmeryx castanea Rothschild.

Japanese name: Kurokumo-suzume. (plate IV, fig. 1, A-C.)

Imago.—Fore-wings greyish-purple, varied with dark-brown; an imperfect subbasal band preceding and following by paler lines; a bifurcated belt; many irregular wavy stripes from costa to dorsum; a curved belt from middle of costa towards termen and connecting with submarginal band towards inner angle. Hind-wings purplish or reddish-brown, posteriorly dark-brown; a subterminal band dark-brown. Wings below yellowish-brown, greyish tinged on costa; marginal area greyish-brown with zigzag border towards median; four or more

reddish-brown fascia from costa to dorsum. Expanse, 74-85mm. Body greyish-purple. Length, 36-40mm.

Larva.—Green, yellow dotted; dorsal line indistinct; subdorsal line pale-yellow, posteriorly with purple above; on lower side of 3 and 4 segments a lunate process, purplish-brown below and yellow above; on 4-10 segments a series of pale yellow oblique lateral stripes; spiracles purplish-brown; horn pale-ochreous, with pale-brown dots.

Pupa.—Reddish-brown.

Time of appearance.—Imago: May-August. Larva: June-September.

Food-plants.—*Vitis vinifera*, *Cissus japonica*.

Distribution.—Yezo, Honsiu.

Gurelca masuriensis Butler. var. *Sangaica* Butler.

Japanese name: Hime-hōjaku. (Plate III, fig. 5, A-C.)

Imago.—Fore-wings dark-brown; many blackish-brown curved lines on base; clouded with blackish-brown on middle, a ashy lunate discal spot; indistinct dark curved lines from torus towards costa. Hind-wings yellowish-brown; broad terminal fascia dark-brown; costa irregularly curved. Fore-wings below reddish-ochre, clouded with greyish-brown. Hind-wings below yellowish-orange, sprinkled with reddish-brown; broad terminal fascia greyish-brown, with reddish shade. Expanse, 35-41mm. Body greyish-brown, mixed with yellowish or blackish-brown; sometimes white spotted on abdomen. Length, 20-23mm.

Larva, first form.—Pale-green, dotted with yellow, sooty and green; dorsal line green; subdorsal line yellow; on 4-10 segments a series of green oblique lateral stripes; spiracles red; horn pale yellow, black dotted.

Second form.—Yellowish-green; dorsal and subdorsal lines brown; oblique lateral lines brown; horn brown, black dotted.

Pupa.—Pale-brown.

Time of appearance.—Imago: June-September. Larva: July-September.

Food-plant.—*Paedria tomentosa*.

Distribution.—Yezo, Honsiu, Shikoku, Kiusiu.

Macroglossum bombylans Boisd.

Japanese name: Hime-kurohōjaku. (Plate IV, fig. 8.)

Imago.—Differs from *M. saga* as follows: smaller; central belt of hind-wings narrower; body yellowish-olive, posteriorly black; a longitudinal stripe on head and thorax absent. Expanse, 43-47mm. Length, 22-25mm.

Larva, first form.—Darkish or yellowish-brown, black dotted; subdorsal line yellowish-grey; oblique lateral stripes yellowish-grey; horn blackish.

Second form.—Whitish-green; oblique lateral stripes white.

Pupa.—Closely allied to *M. stellatarum*.

Time of appearance.—Imago: June-October. Larva: August-September.

Food-plants.—*Paecleria tomentosa*, *Rubin cordifolia*, *Akebia quinata*.

Distribution.—Yezo, Honsiu.

Macroglossum stellatarum Linn.

Japanese name: Hōjaku. (Plate II, fig. 1, A-C.)

Imago.—Fore-wings fuscous or brown; two or three dark lines on basal area; two black curved lines from costa to dorsum; a black discal dot; sometimes indistinct curved lines on marginal area. Hind-wings rusty-orange, base fuscous, posteriorly brownish; a narrow darkish-brown terminal fascia, not reaching tornus. Wings below yellowish-brown, posteriorly darkish. Expanse, 40-53mm. Body dark-grey, black mixed; abdomen spotted with white and black on side; tufts black. Length, 22-26mm.

Larva.—Green, white dotted; dorsal line deeper; subdorsal line whitish, with purplish on upper edge; under-spiracular line yellow; spiracles black; horn blue, black dotted.

Pupa.—Yellowish-brown, black dotted.

Time of appearance.—Imago: Most appear in June-August, but hibernate. Larva: July-August.

Food-plant.—*Galium verum*.

Distribution.—Yezo, Honsiu, Shikoku, Kiusiu.

Macroglossum saga Butler.

Japanese name: Kuro-hōjaku. (Plate V, fig. 6.)

Imago.—Fore-wings blackish-brown, partly greyish; two or three black half lines near base; a black fascia from before middle of dorsum to costa; two black median curved lines, sometimes formed a fascia, followed by black curved lines; triangular and rectangular spots near apex. Hind-wings blackish-brown, with a broad central yellow belt. Wings below yellowish-brown, posteriorly darkish; two darkish curved lines from dorsum to costa; inner part of hind-wings deep yellow. Expanse, 39-66mm. Body darkish-brown, a longitudinal black stripe extending from head to thorax; lateral sides of abdomen yellow spotted; anal tufts darkish-brown, tip yellowish; labial palpus very projected. Length, 25-33mm.

Larva.—Yellowish-green, paler anteriorly and posteriorly; dorsal line paler; spiracles rosy.

Pupa.—Pale-brown.

Time of appearance.—Imago: June-September. Larva: June-September.

Food-plant.—*Daphniphyllum macropodum*.

Distribution.—Honsiu, Shikoku, Kiusiu, Formosa.

Celerio galii Rottemburg.

Japanese name: Ibuki-suzume. (Plate IV, fig. 2, A-C.)

Imago.—Fore-wings dark olive-brown, with marginal ashy-purple; base black partly mixed with white; a rather broad whitish-yellow fascia from dorsum near base to apex, anterior edge with three well-marked

projections. Hind-wings rosy, partly whitish, towards dorsum white; basal area black; a subterminal fascia black. Wings below grey, with principal markings of above. Expanse, 67-83mm. Head and thorax olive-green, bordered with white; abdomen banded with black and white on 1 and 2 segments, and with white on other segments; a dorsal belt olive-green, spotted with white on each segment. Length, 30-36mm.

Larva.—Black or olive-brown, sometimes yellow dotted; a subdorsal series of yellow black-edged spots on 2-11 segments; horn red.

Pupa.—Yellowish dark-brown.

Time of appearance.—Imago: August, September. Larva: August, September.

Food-plant.—*Galium verum*.

Distribution.—Yezo, Honsiu (Mount. Ibuki.)

Pergesa elpenor Linn. var. *Lewisii* Butler.

Japanese name: Beni-suzume. (Plate III, fig. 2, A-C.)

Imago.—Olive-green; costa rosy; base black; triangularly median band purplish-rosy; a white discal dot; a purplish-rosy streak from beyond middle of dorsum to costa before apex; a broad terminal fascia purplish-rosy. Hind-wings rosy, posteriorly purplish, basal half black; cilia white. Wings below rosy; costa olive-green; two olive-green fasciae. Expanse, 64-72mm. Head and thorax olive-green, with rosy stripes; abdomen rosy, with two olive-green longitudinal bands; a black spot on each side of base, rarely black banded. Length, 28-33mm.

Larva, first form.—Brown, finely streaked with darker; on 1-3 segments a pale subdorsal stripe; on 4 and 5 segments lateral blackish blotches, enclosing reniform pale-yellow spot; on 4-11 segments a series of dark oblique lateral stripes; horn short, black, tip white.

Second form.—Green, deeper freckled; dorsal line with a series of black blotches; on 3-10 segments a subdorsal series of black blotches; dark oblique lateral stripes; horn blackish-brown, tip pale yellow.

Pupa.—Dark-brown, black sprinkled.

Time of appearance.—Imago: June-August. Larva: June-October.

Food-plants.—*Galium verum*, *Impatiens Balsamina*, *Lythrum Salicaria*, *Oenothera odorata*, *O. biennis*.

Distribution.—Yezo, Honsiu, Shikoku, Kiusiu, Formosa.

Pergesa askoldensis Oberthür.

Japanese name: Hime-suzume. (Plate III, fig. 8.)

Imago.—Fore-wings brown, with marginal greyish, base whitish; two basal lines dark-brown; darkish-brown fascia and curved line from dorsum to costa; a darkish-brown hook-shaped blotch near apex, followed by whitish curved line. Hind-wings brown, posteriorly greyish, base dark-grey. Wings below yellowish-brown, with whitish towards costa, posteriorly pale-reddish; two curved lines reddish-brown. Expanse, 54-58mm. Head and thorax dark-grey, mixed with reddish-brown, bordered with grey; abdomen yellowish-brown.

Time of appearance.—Imago: June, July.

Distribution.—Yezo, Honsiu.

Theretra nesus Drury.

Japanese name: Kiuro-suzume (Plate IV, fig. 6, A-C.)

Imago.—Fore-wings yellowish-brown, with marginal ashy-lilac; costal area dark-green; basal area grey and black; a black discal dot; five purplish brown striae from dorsum towards apex; subterminal waved line greenish-brown. Hind-wings black, with dark-green towards termen; a broad subterminal fascia ochreous-yellow. Wings below ochreous-yellow, sprinkled with reddish-brown; from median to base dark-grey; three or more dark or reddish-brown wavel fasciae. Expanse, 83-100mm. Head and thorax olive-green, suffused with ochreous-brown, with whitish-grey border; abdomen orange-yellow; a broad dorsal stripe olive-green; lateral stripes pale-green. Length, 45-55mm.

Larva, first form.—Whitish-green two dorsal lines white; subdorsal line white; on 4-11 segments a series of white oblique lateral stripes; on 4 and 5 segments two white lateral spots; spiracles reddish-brown; horn ochreous.

Second form.—Yellowish-brown, finely streaked with dark brown; dorsal and subdorsal lines dark brown; a series of black spots on lateral side; two white lateral spots tinged with pale-blue; oblique lateral stripes dark.

Pupa.—Darkish brown, with yellowish on back,

Time of appearance.—Imago: June-September. Larva: July--October.

Food-plants.—*Dioscorea japonica*, *D. Tokoro*.

Distribution.—Honsiu, Shikoku, Kiusiu.

Theretra alecto Linn.

Japanese name: Shita-beni-suzume. (Plate IV, fig. 5.)

Imago.—Fore-wings brown, darker towards costa and termen; near base black; a dark-brown discal dot; a dark-brown fascia from middle of dorsum to apex, preceded by indistinct lines and followed by darker lines. Hind-wings rosy, with yellowish-brown towards dorsum; basal area black; a terminal fascia black. Wings below reddish-orange, sprinkled with dark brown; marginal area dark-brown. Expanse, 90mm. Body, dark-brown; head and thorax bordered with white; a black blotch on basal each side of abdomen. Length, 45mm.

Theretra japonica Boisd.

Japanese name: Ke-suzume. (Plate I, fig. 3, A-C.)

Imago.—Fore-wings pale ashy-brown, partly tinged with olive, scarcely greyish-purple; a black discal dot; a greyish-yellow fascia from middle of dorsum to apex, containing two dark lines, preceded by blackish

fascia generally containing a greyish-yellow line, and followed by three dark lines. Hind-wings black, towards dorsum yellowish-grey; a narrow subterminal fascia greyish-yellow. Wings below ochreous-yellow, with marginal greyish-purple, sprinkled with blackish-brown; three dark narrow fasciae, sometimes indistinct. Expanse, 60-72mm. Head and thorax greenish-brown with whitish border; four longitudinal stripes ochreous, sometimes a grey stripe on middle; abdomen golden-yellow, sprinkled with reddish-brown; on back greenish-brown belt, containing two paler stripes. Length, 30-40mm.

Larva, first form.—Green; dorsal line deeper; on 1-3 segments a subdorsal series of white and whitish dots; on 4 and 5 segments round green spots, encircled by white or yellow; on 6 and 7 segments irregular smaller spots; subdorsal band white, deep green above; on 4-11 segment a series of oblique lateral stripes generally indistinct; horn reddish-brown.

Second form.—Brown or reddish-brown; pattern about same as first form, but oblique lateral stripes always distinct.

Pupa.—Dark-grey, tinged with brown, black sprinkled.

Time of appearance.—Imago: May-August. Larva: July-September.

Food-plants.—*Vitis vinifera*, *Cissus japonica*, *Ampelopsis heterophylla*, *Parthenocissus tricuspidata*, etc.

Distribution.—Yezo, Honsiu, Shikoku, Kiusiu.

Theretra Oldenlandiae Fabricius.

Japanese name: Sesuji-suzume. (Plate I, fig. 2, A-C)

Imago.—Fore-wings greyish-brown, partly tinged with greenish; a black discal dot; a yellowish-grey fascia from middle of dorsum to apex, preceded by blackish-brown fascia containing three black lines, and followed by blackish and yellowish-grey stripes. Hind-wings blackish-brown; a broad yellowish-grey subterminal fascia. Wings below yellowish-brown, sprinkled with purplish-brown; marginal and basal area greyish-brown; about three narrow fasciae purplish-brown. Expanse, 64-74mm. Head and thorax greenish-brown, with whitish border; thorax with a greyish middle stripe and lateral yellowish-grey stripes; abdomen greenish-brown with two silvery white stripes on back, lateral sides pale yellowish-brown. Length, 36-40mm.

Larva,— first form.—Purplish-black, finely streaked with black; dorsal line black; on 1-3 segments a subdorsal series of yellow and white dots; on 4 and 5 segments round black spots encircled with yellow; on 6-10 segments a subdorsal series of black-edged round spots, containing red, black, pale blue and yellow; anterior edges of 4-11 segments yellow sprinkled; horn black, tip white.

Second form.—Darkish-brown; pattern about same as first form.

Third form.—Green; ditto.

Pupa.—Greyish yellow, black dotted.

Time of appearance.—Imago: June-August. Larva: July-September.

Food-plants.—*Colocasia antiquorum*, *Arisaema ringens*, *Pinellia tuberifera*, *Impatiens Balsamina*, *Cissus japonica*.

Distribution.—Yezo, Honsiu, Shikoku, Kiusiu.

Theretra pinastrina Mart.

Japanese name: Ippon sesuji suzume. (Plate V, fig. 3, A-C.)

Imago.—Fore-wings greyish-yellow; costal and marginal areas grey; a black discal dot; a nearly straight blackish-brown fascia containing two black lines from before middle of dorsum to apex; four darker stripes from beyond middle of dorsum to apex, outermost little waved. Hind wings greyish-yellow; basal area black; a grey terminal streak. Wings below brownish-yellow, blackish brown sprinkled; marginal area purplish-grey; one or two fasciae dark. Expanse, 56–68mm. Head and thorax greenish-brown with whitish grey border; abdomen greenish brown with a silvery white stripe on back. Length, 30–40mm.

Larva, first form.—Dark brown, sprinkled with pale brown; dorsal line blackish-brown; subdorsal line blackish-brown, on 4–10 segments with a series of yellow spots, enclosing a black dot and encircled by black; upper and under spiracular lines whitish yellow; spiracular line darker; horn ochreous, tip black.

Second form.—Green; pattern about same as first form.

Pupa.—Greyish-brown; finely streaked and sprinkled with blackish-brown.

Time of appearance.—Imago: July–August. Larva: August–September.

Food-plant.—*Colocasia antiquorum*.

Distribution.—Kiusiu (Prov. Satsuma), Formosa.

Rhagastis mongolianus Butler.

Japanese name, Birōdo suzume. (Plate V, fig. 7, A-C.)

Imago.—Fore-wings olivaceous dark brown, posteriorly purplish-grey; costa whitish; a black spot on apex, a black discal dot; three or more black lines or dotted lines from dorsum to costa, sometimes indistinct; a black dotted spot near inner angle; basal fringe of dorsum whitish. Hind-wings blackish-brown, with ochreous spot near anal angle. Fore wings below reddish-orange, towards base blackish, posteriorly dark grey, speckled with black; three darkish dotted lines sometimes indistinct. Hind-wings below reddish orange, posteriorly dark grey, speckled with black; two darkish dotted lines sometimes indistinct. Expanse, 53–66mm. Body olivaceous dark brown; thorax deeper, yellowish brown mixed, with white border. Length, 26–34mm.

Larva.—Pale brown, tinged with pale blue, anterior side yellowish-brown, finely streaked with dark; a blackish dorsal belt, with zigzag fringes, containing a series of yellowish-brown dots; on 4 segment brown round spot enclosing a black dot encircled with black; 3 and 4 segments swollen and white dotted; blackish-brown subspiracular stripe, with zigzag upper fringe; horn ochre yellow, with bluish.

Pupa.—Pale yellowish-brown, partly greenish, dotted with blackish-brown.

Time of appearance.—Imago: May–August. Larva: June–September.

Food plants.—*Vitis vinifera*, *Cissus japonica*, *Impatiens balsamina*, *Berberis vulgaris*.

Distribution.—Honsiu; Shikoku, Kiusiu.

Cechenena minor Butler.

Japanese name: Takasago-suzume (Plate V, fig. 4.)

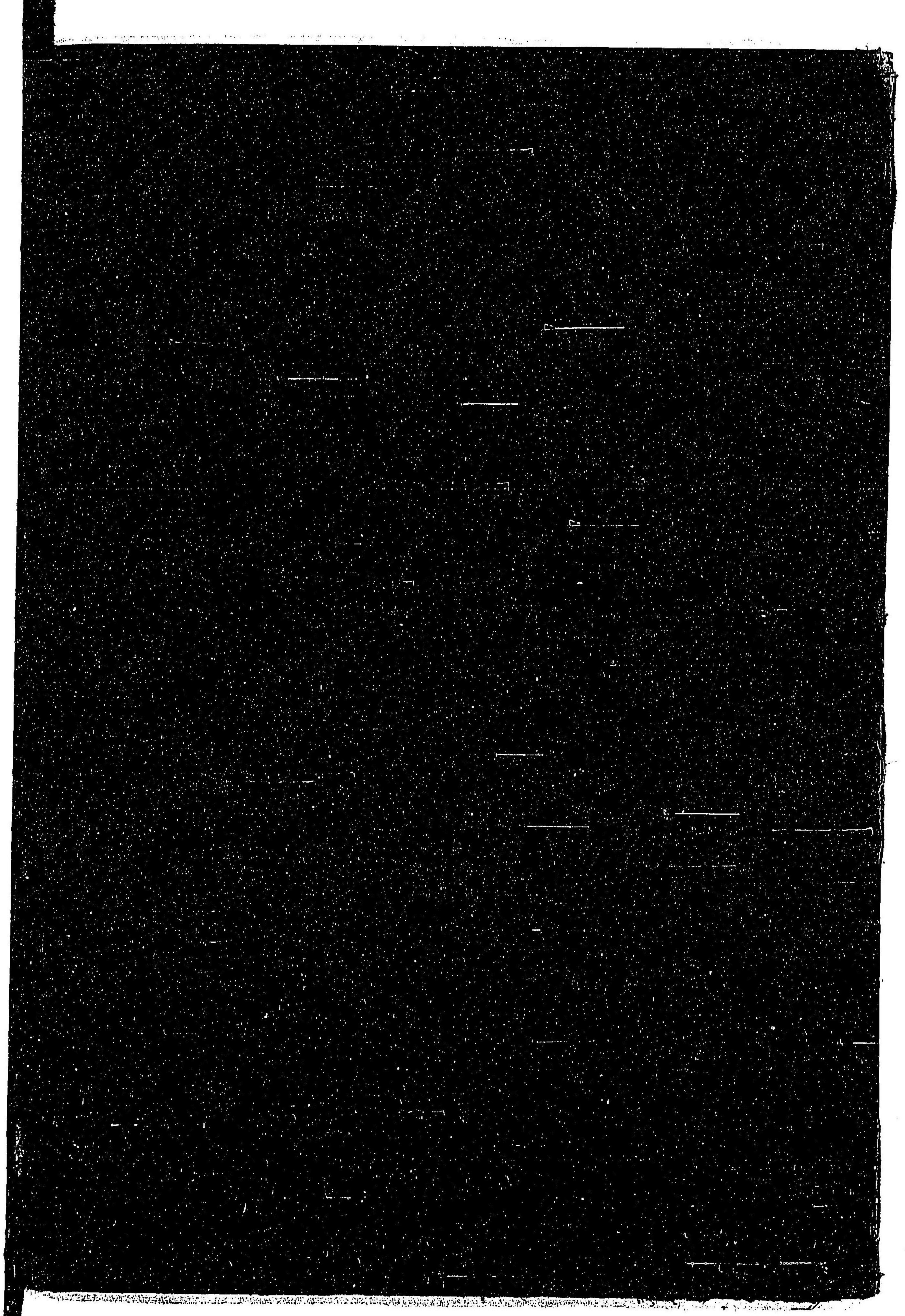
Imago.—Fore-wings ochre-yellow, partly purplish-brown sprinkled; costa greenish-yellow, suffused with olive-green towards middle; a purplish-brown discal dot; a purplish-brown fascia, generally containing two dark lines, from middle of dorsum to apex, preceded by two greenish-brown lines and followed by greenish-brown fascia; subterminal streak purplish-brown. Hind-wings black; a broad subterminal fascia orange. Fore-wings below orange, with marginal yellowish-brown, black sprinkled; basal area darkish; three across lines blackish. Hind-wings below dull whitish-orange. Expanse, about 100mm. Head and thorax olive-green, bordered with whitish-rosy; abdomen olive-green, with yellow mixed with red laterally; four whitish-rosy longitudinal stripes on back; posteriorly sprinkled with purplish-brown. Length, 45mm.

Distribution.—Formosa.

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