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SOME NEW NOTODONTIDAE FROM JAPAN, COREA AND FORMOSA, WITH A LIST OF KNOWN SPECIES.

BY

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日本産朝鮮及臺灣産新種の天社蛾科 並に既知の天社蛾科目録 理、農學博士 松村松年

Since 1909 after describing some new species of Notodontidae from Japan in the "Thousand Insects of Japan-Senchuzukai" Suppl. vol. I, I have collected quite a large number of Japanese Notodontidae and described some of them in three parts in the Zoological Magazine, Tokyo¹⁾ (Dobutsugaku-zasshi), and some of them in my Thousand Insects of Japan, Addit. vol. IV (1921). From Japan, Saghalien, Corea and Formosa we know till now about 173 species of Notodontidae. Last year Messrs. Toichi Uchida and Hidezo Takano collected for me a large number of Notodontids moths in Corea, and after studying them thoroughly, I found the following 2 new species, 2 new varieties and 2 unrecorded species as follows:

1. *Gangarides puerariae* Mell var. *coreanus* n. var.
2. *Coreodonta coreana* n. sp.
3. *Hyperaeschra nigricosta* n. sp.
4. *Wilemanus bidentatus* Wilem. var. *coreanus* n. var.
5. *Pterostoma griseum* Brem.
6. *Dudusa sphingiformis* Moor.

Further our cabinet is enriched with the following 5 new, one unrecorded species and one new aberration from different parts of Japan and Formosa:—

1. *Dicranura formosana* n. sp.
2. *Gluphisia crenata* Esp. ab. *infusata* n. ab. Honshiu

1. Zoological Magazine, Tokyo vol. 31. (1918); vol. 32. (1919); vol. 34. (1921).

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|-----------------------------------|--------|----------|
| 3. <i>Notodonta sugitanii</i> | n. sp. | Honshiu |
| 4. <i>Hiradonta takaonis</i> | n. sp. | Honshiu |
| 5. <i>Lophopteryx robusta</i> | n. sp. | Hokkaido |
| 6. <i>Lophopteryx nikkoensis</i> | n. sp. | Honshiu |
| 7. <i>Odontosia sieversi</i> Mén. | | Hokkaido |

On this occasion I wish to describe the following 8 new genera belonging to Japanese and Korean Notodontidae:—

1. *Nericoides* (Type-*Nerice bipartita* Btlr.)
2. *Chadisroides* (Type-*Ochrostigma ussuriensis* Püng.)
3. *Coreodonta* (Type-*Coreodonta coreana* Mats.)
4. *Hiradonta* (Type-*Hiradonta takaonis* Mats.)
5. *Spataliodes* (Type-*Spatalia dives* Oberth.)
6. *Stenospatialia* (Type-*Spatalia jezoensis* Wilem. et S.)
7. *Eguria* (Type-*Spatalia ornata* Oberth.)
8. *Mimopydna* (Type-*Pydna pallida* Wk.)

Descriptions of New Species and Varieties.

1. *Wilemanus bidentatus* Wilem. var. *coreanus* n. var.

Differs from the type as follows:—

Primaries gray, with a light shade of bluish, outer side of the central fuscous patch being not deeply excavated as in the typical specimen, and white post-medial and submarginal bands not conspicuous; apical patch narrower and smaller.

Hab.—Corea (Shakuoji and Kwazan); 5 (2 ♂, 3 ♀) specimens were collected by T. Uchida and H. Takano.

2. *Gluphisia crenata* Esp. ab. *infusata* n. ab.

Form and pattern of the markings just like those of var. *japonica* Wilem.; primaries fuscous, on the outer half being somewhat paler, subbasal, antemedial, postmedial and submarginal bands being narrower, and of which the antemedial band being most conspicuous.

Hab.-Shinano (Shirahone); one male specimen sent me for identification by Prof. I. Sugitani.

3. *Notodonta sugitanii* n. sp.

Differs from *N. tritophus* Esp. as follows:—

♀. Thorax black, mingled with some grayish hairs. Primaries with waved distinct ante- and postmedial bands, the former being inwardly and the latter outwardly lined with a pale grayish band; discocellular spot somewhat crescent shaped, ringed with gray; underside with a very faint fuscous postmedial band, which being only distinct at the costa. Secondaries with a very faint fuscous medial band; underside with a very conspicuous crescent spot, which touching outwardly the fuscous medial band.

Exp.—♀ 52 mm.

Hab.—Shinano (Hinokitoge, near Shirahone); one female specimen collected by Prof. I. Sugitani.

4. *Takadonta takamukui* Mats. ♂. Zool. Mag. Tokyo,
Vol. XXXII, p. 147, (1919).

As I have described only the male of this species I wish to describe here the female. ♀. Makings of the primaries nearly as those of the male, but the color being paler and the form much larger; underside infuscated, on the outer 1/3 being paler. Secoadaries in the middle with a pale curved band. Underside as the primaries, on the outer 1/3 being paler. Antennae filiform, not ciliated, while in the male being strongly ciliated.

Exp.—♀ 56 mm.

Hab.—Hōki (Daisen); one male and one female specimens collected by the author.

5. *Hiradonta takaonis* n. sp.

Near *Hyperaeschra tenebrosa* Moor.

♂. Thorax testaceous, head and collar dark brown, abdomen fulvous brown, the latter at the base with fuscous hairs; primaries dark brown, hind

margin and apex testaceous as in *tenebrosa*; ante-and postmedial bands black, wavy, especially the postmedial band being highly indentated, the space at the hind margin between the ante-and postmedial bands being infuscated; at the outer margin, the space between vein 4 and 5 being paler. Secondaries fuscous gray, near the middle with a paler band. Underside fuscous, medial band darker, 1/3 of both wings being paler.

Exp.—♂ 47 mm.

Hab.—Honshiu; one male specimen collected at Mt. Takao near Tokyo and another male at Chichibu by S. Hirayama.

6. *Coreodonta coreana* n. sp.

Primaries dark brown, on the outer 1/3 at the costa broadly paler; ante-medial band highly wavy, below the medial vein near the base with a fuscous streak, so that with the wavy antemedial band forming a large W-shaped marking, its innerside being lined with testaceous; postmedial band black, obliquely curved and building a spot-series; interspaces between veins 4, 5, 6 and 7 being paler, and each with an infuscous streak, and the fuscous veins being often interrupted; marginal lobe of the hind margin somewhat infuscated.

Secondaries dark gray, lacking medial band. Underside of both wings gray, those of the primaries at the bases being somewhat darker. Body gray, thoracal tufts at the apices being fuscous, abdomen simillary colored as the hind wings.

Exp.—♂ 50 mm.

Hab.—Corea (Shakuoji); 10 male specimens collected by Uchida and Takano.

7. *Hyperaeschra nigricosta* n. sp.

♂. The form of wings just like that of *H. angustipennis* Mats.

Wings gray, primaries in the middle with a broad, curved, interrupted fuscous band; secondaries somewhat paler than the primaries, with an indistinct paler band. Underside pale gray, costa of primaries except the apical 1/4 narrowly fuscous, no trace of markings being visible. Body testaceous gray; palpi dark gray, the 3rd joint being darker.

Exp.-♂ 38 mm.

Hab.-Corea; 2 male specimens collected by Uchida, Takano and Hasegawa at Shakuoji and Suigen.

8. *Lophopteryx robusta* n. sp.

Near *L. kurwayamae* Mats., but much robuster.

♂. Yellowish brown. Primaries scattered with some dark bluish scales near the hind margin and at the base, near the middle with a quite broad fuscous postmedial band, which curves outwardly at vein 4, and ends at the innerside of tuft; hind margin broadly infuscated at the innerside of the tuft, with an indistinct, highly waved, fuscous antemedial band, which being more conspicuous at the hind margin; near the base with an indistinct, dark brownish basal markings; tuft darkbrown. Secondaries testaceous gray, in the middle with an indistinct fuscous band, anal angle being fuscous, with a short transverse testaceous bar and some bluish scales. Underside paler than on the uppersurface, in the middle of each wing with an indistinct broad fuscous band. Metanotum with a triangular pale testaceous space. Tarsi brown, ringed with testaceous. Abdomen testaceous, last abdominal segment on each side with a lateral tuft.

Exp.-♂ 43 mm.

Hab.-Hokkaido (Sapporo); 3 male specimens collected by the author.

9. *Lophopteryx nikkoensis* n. sp.

♂ ♀. Male yellowish brown and female dark brownish. Primaries in the male near the middle with a broad fuscous band, which arising from the middle of the hind margin and ends at the costa before the apex; at the innerside of the band with some indistinct, narrow, longitudinal fuscous streaks. Secondaries pale testaceous, at the anal angle with a fuscous patch, its fringe being yellowish brown, with a testaceous curved bar. Underside grayish testaceous, in the middle somewhat infuscated; fringe at the anal angle being brownish.

Metanotum with a triangular testaceous space. Abdomen similarly colored as on the secondaries. In the female primaries with some purplish shade, at

the innerside of the tuft with a zigzag fuscous, antemedial band, which being distinct only at the hind margin, the latter being broadly fuscous. Metanotum of the female with a triangular whitish space.

Exp.—♂ 44 mm., ♀ 45 mm.

Hab.—Nikko; one male specimen collected by S. Hirayama and one female by T. Takamuku.

This species resembles somewhat *L. jezoensis* Mats.

10. *Gangarides puerariae* Mell¹⁾ var. *coreanus* n. var.

♂ ♀. Yellowish testaceous. Primaries scattered with brownish scales, subbasal, antemedial, medial, postmedial and submarginal bands being fuscous, subbasal band being incurved and interrupted at the subcostal vein; antemedial band somewhat incurved near the subcosta; medial band being distinctly incurved beyond the medial vein; postmedial band oblique and slightly excurved near the apex; submarginal band wavy, at both ends being indistinct; a small white spot in the cell; termen brownish, at the ends of veins checked narrowly with white scales. Secondaries yellow. Underside pale testaceous, with some greenish shade, both wings being provided with 2 central fuscous bands, inner one of which being somewhat diffused; near the costa with some brownish scales, which being grouped as a cloudy spot. Body beneath and legs, testaceous. Other characters as those of *G. puerariae* Mell.

Exp.—♂ 72 mm. ♀ 80 mm.

Hab.—Corea (Shakuoji); 2 male and one female specimens collected by Uchida and Takano.

Gangarides puerariae Mell from south China differs somewhat in marking, and if it will be a distinct new species, I propose to give the name *coreanus*.
Ab. *rubens* n. ab.

♂. Differs from the type in its having pale reddish colored secondaries.

Hab.—Corea (Shokuoji); one male specimen collected by Uchida and Takano.

1) Deutsche Entomologische Zeitschrift Heft I, P. 123, 1922.

1. Descriptions of New Genera.

1. *Nericoides* n. g.

Closely allied to *Nerice* Wk., but differs from the latter as follows:—

Compound eyes with some distinct hairs; thorax with a high conical projection, and not comb-shaped as that of *Nerice*; vein 6 from the basal $\frac{1}{3}$ of areola, and not from the upper angle of the cell as in *Nerice*; vein 7 arises nearly from the middle part of 6, while in *Nerice* from $\frac{1}{3}$ of 6; veins 3 and 4 arise nearly from a point.

Generic Type—*Nerice bipartita* Butl.

2. *Chadisroides* n. g.

Closely allied to *Chadisra* Wk., but differs from the latter as follows:—

♀. Antennae bipectinated, and at the apical one third being serrated; palpi short, not reaching the vertex of head; veins 7 and 10 to primaries arising from the upper part of the areola, vein 3 beyond the lower angle of cell; no tuft on the hind margin; vein 3 to secondaries arising beyond the lower angle of cell. In form and pattern of the markings resembles much also *Wilemanus* Nag., but differs from it in its having pectinated antennae in the female.

Generic Type—*Ochrostigma ussuriensis* Füng. (= *Chadisra coreanus* Mats).

3. *Coreodonta* n. g.

Closely allied to *Epinotodonta* Mats., but differs from the latter as follows:—

♂. Antennae filiform, not serrated as in *Epinotadonta*.

Thorax in the middle with a long erect tuft, which gradually becoming lower towards the metanotum. Veins 6 and 7 to primaries branched far away from the end of cell; wings much narrower.

Generic type—*Coreodonta coreana* Mats.

It resembles also *Hyperaeschra* Btlr., but differs from the latter in having filiform antennae in the male.

4. *Hiradonta* n. g.

Near *Hyperaeschra* Butl.

Antennae in the male long serrated, at the apical $1/3$ being filiform. Palpi upturned, reaching above the vertex, 3rd joint being short; compound eyes pubescent; thorax with no conical tuft; vein 6 to primaries arises from the upper angle of cell, origin of vein 3 being nearer to 2 than to 4; veins 6 and 7 to secondaries branched, being provided with a short stalk. Abdomen long, about $1/3$ projecting beyond the hind wing.

Generic type—*Hiradonta takaonis* Mats.

5. *Spataloides* n. g.

Closely allied to *Spatalia* Hb., but differs from the latter as follows:—

Antennae in the male serrated, while in the type *argentina* Schiff. being strongly bipectinated, except at the extreme apex and which being serrated; antennae in the female filiform.

Vein 7 to primaries arises far way from the origin of 6.

Vein 3 to secondaries arises beyond the lower angle of cell, while in *Spataria* veins 3 and 4 being branched.

Generic type—*Spatalia dives* Oberth.

6. *Stenospatalia* n. g.

Also allied to *Spatalia* Hb., but differs from it as follows:—

Antennae bipectinated, the apical one third being serrated, while in *Spatalia* being serrated on their extreme apices (about $1/6$); in the female antennae filiform.

Vein 3 to primaries arises far apart from the hind angle of cell, but being much nearer to 4 than to 2.

Veins 6 and 7 to secondaries branched, with a very short common stalk; vein 3 arising far apart from the hind angle of cell, as that of the primaries. Primaries narrower, costa near the apex being curved, in the female being more conspicuous.

Generic type—*Spatalia jezoensis* Wilm. et S.

7. *Eguria* n. g.

Closely allied to *Rosama* Wk., but differs from the latter as follows:—
Palpi long, slenderer, obliquely ascending, second joint nearly 4 times as long as the first, 3rd joint slenderer and somewhat shorter than the first. Antennae in both sexes bipectinated.

Vein 3 to primaries arises widely apart from 4, but much nearer to 4 than to 2; at the hind margin on the outside of tuft deeply excavated. It resembles also *Spatalia* Hb., but differs from it in having very long areola, vein 7 arising from the tip of areola, and bipectinated antennae in the female.

Legs long and slenderer, without long hairs.

Generic type—*Spatalia (Rosama) ornata* Oberth.

8. *Mimopydna* n. g.

Closely allied to *Pydna* Wk. but differs from the latter as follows:—

♂. Antennae serrated and long ciliated.

Thorax in the middle provided with a high erect tuft.

Areola very narrow, triangular, veins 7 and 8+9 from the apex of the areola. Abdomen very long, nearly one half protruded from the hind margin of secondaries; at the apex with a brush-like tuft.

Generic type—*Pydna pallida* Wk.

A List of Notodontidae from Japan,
 Korea and Formosa.

	Sagalien	Hokkaido	Honshu	Shikoku	Kiushiu	Corea	Formosa
1. <i>Tarsolepis japonica</i> Wilem. et S.			x				
2. " <i>sommeri</i> Hlb.			x	x	x		x
3. " <i>taiwana</i> Wilem.							x
4. <i>Dudusa nobilis</i> Wk. var. <i>synopla</i> Swinh.							x
5. " <i>sphingiformis</i> Moor.			x			x	
6. <i>Cerura bicuspis</i> Bkh. var. <i>japonica</i> Grünb.			x				
7. " <i>furcula</i> Clerck var. <i>sangaica</i> Moor.						x	
8. " <i>lanigera</i> Btlr.		x	x	x		x	
9. " <i>liturata</i> Wk.							x
10. <i>Dicranura erminea</i> Esp. var. <i>menciana</i> Moor.		x				x	
11. " <i>formosana</i> Mats. (n. sp.)							x
12. " <i>vinula</i> L. var. <i>filina</i> Btlr.		x	x				
13. <i>Stauropus alternus</i> Wk.							x
14. " <i>basalis</i> Moor. var. <i>niphonica</i> Grünb.			x				
*15. " <i>confusus</i> Wilem.							x
16. " <i>fagi</i> L. var. <i>persimilis</i> Btlr.		x	x				
*17. " <i>nigrobasalis</i> Wilem.							x
18. " <i>obliterata</i> Wilem.			x				
*19. " <i>wilemani</i> Mats. (= <i>pulverulenta</i> Wilem. (Nom. praeo.))							x
20. <i>Shachia circumscripta</i> Btlr. (Shachia <i>subrosea</i> Mats.)		x	x				
21. <i>Damata longipennis</i> Wk.							x
22. <i>Quadricalcarifera coreana</i> Mats.						x	
23. " <i>cyanea</i> Leech.		x	x				
24. " <i>horishana</i> Mats.							x
25. " <i>perdix</i> Moor.		x	x				

*—Species not identified by the author.

	Sagalien	Hokkaido	Honshiu	Shikoku	Kiushiu	Corea	Formosa
26. <i>Quadricalcarifera perdix</i> Moor. var. <i>nigroguttata</i> Mats.		x					
*27. „ subgeneris Strand.							x
27. „ <i>sugitanii</i> Mats.			x				
28. „ <i>viridimaculosa</i> .							x
*29. „ <i>viridipicta</i> Wilem.							x
30. <i>Chadisroides ussuriensis</i> Püng. (<i>Chadisra coreana</i> Mats.)						x	
31. <i>Wilemanus bidentatus</i> Wilem.			x				
var. <i>coreanus</i> Mats. (n. var.)						x	
32. <i>Liparopsis formosana</i> Wilem.							x
33. <i>Chethodonta grisescens</i> Stgr.		x	x				
34. <i>Somera viridifusca</i> Wk.							x
35. <i>Fentonia ocypete</i> Brem.							
var. <i>japonica</i> Grünb.		x	x	x	x		
36. „ <i>crenulata</i> Mats.							x
*37. „ <i>nigrofasciata</i> Wilem.							x
38. <i>Eufentonia nipponica</i> Wilem. (= <i>eximia</i> Grünb).			x				
39. <i>Disparia variegata</i> Wilem. (= <i>sordida</i> Wilem.)			x				
var. <i>formosana</i> Wilem.)							x
40. <i>Hoplitis milhauseri</i> F. var. <i>umbrosa</i> Stgr.		x	x				
41. <i>Uropyia meticolodina</i> Oberth.		x	x			x	
*42. <i>Urodonta arcuata</i> Alph.		?	?				
43. „ <i>branicki</i> Oberth.		x	x				
44. „ <i>hirayamae</i> Mats.		x	x				
45. „ <i>virimidixta</i> Brem. (= <i>Drymonia discoidalis</i> Mats.)		x	x				
ab. <i>infusca</i> Mats.		x					
46. <i>Gangarides puerariae</i> Mell var. <i>coreanus</i> Mats. (n. var.)						x	
ab. <i>rubens</i> Mats. (n. ab.)						x	

	Sag. lien	Hokkaido	Honshiu	Shikoku	Kiushiu	Corea	Formosa
47. <i>Gangaridopsis citrina</i> Wilem.			x				
48. <i>Lophocosma atriplaga</i> Stgr.		x	x			x	
49. <i>Epizaranga permagna</i> Btlr.		x	x				
(<i>Zangra ziozankeana</i> Mats.)							
50. <i>Nericé davidi</i> Oberth.		x	x				
51. <i>Nericoides</i> (n. g.) <i>bipartita</i> Btlr.		x	x				
52. <i>Epodonta lineata</i> Oberth.		x	x				
(= <i>Drymonia octolineata</i> Mats.)							
53. <i>Ochrostigma japonicum</i> Wilem.			x				
54. <i>Drymonia basalis</i> Wilem. et S.			x				
55. „ <i>chaonia</i> Hb. var. <i>lunula</i> Grünb.			x				
56. „ <i>trimacula</i> Esp. var. <i>daisenensis</i> Mats.			x				
57. <i>Neodrymonia delia</i> Leech.			x				
58. „ <i>koreana</i> Mats.						x	
59. <i>Mesophalera sigmata</i> Btlr.			x		x		
60. <i>Naganoea manleyi</i> Leech.		x	x				
61. <i>Pheosia dictaenoide</i> Esp,							
var. <i>fusiformis</i> Mats.	x	x	x				
62. „ <i>tremulae</i> Clerck.			x				
63. <i>Mimodonta albicosta</i> Mats.			x				
64. <i>Neopheosia fasciata</i> Moor.			x				
65. <i>Hupodonta pulcherrima</i> Moor.							
var. <i>corticalis</i> Btlr.		x	x			x	
66. „ <i>lignea</i> Mats.		x	x				
(= <i>H. obsoleta</i> Marum.)							
67. <i>Shaka atrovittata</i> Brem.		x	x				
68. <i>Microphalera grisea</i> Btlr.		x	x				

	Sagalien	Hokkaido	Honshiu	Shikoku	Kiushiu	Corea	Formosa
69. <i>Notodonta rothschildi</i> Wilem. et S.	x	x	x				
var. <i>sachalinensis</i> Mats.	x						
70. „ <i>stigmatica</i> Grünb	x	x	x				
71. „ <i>sugitanii</i> Mats. (n. sp.)			x				
72. „ <i>tritophus</i> Esp.							
var. <i>uniformis</i> Oberth.	x	x					
73. <i>Mesodonta aliena</i> Stgr.		x	x				
(= <i>Notodonta nitobei</i> Mats.)							
*74. „ <i>basinotata</i> Wilem.							x
*75. „ <i>cinerea</i> Btlr.			x				
76. „ <i>gigantea</i> Btlr.		x	x				
*77. „ <i>graeseri</i> Stgr.			?				
*78. „ <i>griseotincta</i> Wilem.							x
79. „ <i>ishidae</i> Mats.		x	x				
(= <i>Notodonta arnoldi</i> Oberth.)							
80. „ <i>koreana</i> Mats.						x	
81. „ <i>lativittata</i> Wilem.		x	x				
(= <i>Notodonta moltrechti</i> Oberth.)							
82. „ <i>monetaria</i> Oberth.		x	x			x	
83. „ <i>moorei</i> Hamp.							x
84. „ <i>oberthüri</i> Stgr.	x	x	x			x	
85. „ <i>ovata</i> Mats.			x				
86. „ <i>rotundata</i> Mats.			x				
*87. (?) <i>trachistso</i> Oberth.			?				
88. <i>Fusadonta basilinea</i> Wilem.			x				
*89. <i>Cleapa latifascia</i> Wk.							x
*90. <i>Paleca rufescens</i> Btlr.			x				

	Sagalien	Hokkaido	Honshiu	Shikoku	Kiushiu	Corea	Formosa
91. <i>Epinotodonta fumosa</i> Mats.			x				
(= <i>Yazawaia japonica</i> Marum.							
var. <i>shibuyae</i> Mats.	x						
92. <i>Takadonta takamukui</i> Mats.			x				
93. <i>Coreodonta</i> (n. g.) <i>coreana</i> Mats. (n. sp.)						x	
94. <i>Hiradonta</i> (n. g.) <i>takaonis</i> Mats.			x				
95. <i>Hyperaeschra angustipennis</i> Mats.			x				
96. „ <i>biloba</i> Oberth.		x	x				
*97. „ <i>furva</i> Wilem.							x
*98. „ <i>kosemponica</i> Strand.							x
99. „ <i>nigricollaris</i> Mats.			x				
100. „ <i>nigricosta</i> Mats. (n. sp.)						x	
101. „ <i>suzukiana</i> Mats.			x				
102. „ <i>tenebrosa</i> Moor.			x			x	
*103. „ <i>tenebrosella</i> Strand							x
*104. „ <i>tusa</i> Swinh.			x				
105. <i>Allodontoides discoidalis</i> Mats.							x
(= <i>Hyperaeschra taiwana</i> Marum.)							
106. <i>Allodonta leucodera</i> Stgr.		x	x				
(<i>Hyperaeschra collaris</i> Swinh.)							
var. <i>sachalinensis</i> Mats.	x						
107. <i>Spataliodes</i> (n. g.) <i>dives</i> Oberth.		x	x			x	
(= <i>Spatalia okamotois</i> Mats.)							
108. „ <i>doerriesi</i> Graes.		x	x				
*109. ? <i>Spatalia plusiotis</i> Oberth.			?			?	
110. <i>Eguria</i> (n. g.) <i>cinnamonea</i> Oberth.			x		x		
111. „ <i>ornata</i> Oberth.			x	x	x	x	

	Sagalien	Hokkaido	Honshiu	Shikoku	Kiushiu	Corea	Formosa
(=Macrodonta Btlr.)							
112. <i>Platychasma virgo</i> Btlr.			x				
113. <i>Leucodonta bicoloria</i> Schiff.	x		x				
var. <i>teineana</i> Mats.		x					
114. <i>Lophontosia cuculus</i> Stgr.		x	x				
115. „ <i>pryeri</i> Btlr.		x	x				
116. „ <i>camelina</i> L.		x	x				
var. <i>giraffina</i> Hb.	x	x	x	x	x		
117. „ <i>jezoensis</i> Mats.		x					
118. „ <i>kuwayamae</i> Mats.	x	x	x			x	
119. „ <i>nikkoensis</i> Mats. (n. sp.)			x				
120. „ <i>robusta</i> Mats. (n. sp.)		x					
121. „ <i>saturata</i> Wk.	x	x	x	x		x	
var. <i>hoegi</i> Graes.		x	x				
122. <i>Fusapteryx ladislai</i> Oberth.			x				
123. <i>Hagatapteryx admirabilis</i> Stgr.		x	x				
124. <i>Togepteryx vetulina</i> Oberth.	x	x	x				
125. <i>Odontosia sieversi</i> Men.		x					
126. <i>Himeropteryx miraculosa</i> Stgr.	x	x	x		x		
127. <i>Pterostoma griseum</i> Brem.						x	
128. „ <i>sinicum</i> Moor.		x	x				
129. <i>Euhampsonia cristata</i> Btlr.		x	x			x	
130. „ <i>splendida</i> Oberth.		x	x				
131. <i>Phalera assimilis</i> Brem. et. Grey.			?		?	x	
132. „ <i>angustipennis</i> Mats.			x				
*133. „ <i>flavomacula</i> Wilem.							x
134. „ <i>flavescens</i> Btlr.		x	x	x	x	x	x

	Sagalin	Hokkaido	Honshu	Shikoku	Kiushiu	Corea	Formosa
135. <i>Phalera fuscescens</i> Btlr.			x				
136. „ <i>jezoensis</i> Mats.		x	x				
137. „ <i>minor</i> Nag.			x				
*138. „ <i>obscura</i> Wilem.							x
139. „ <i>takasagoensis</i> Mats.			x				
140. „ <i>sangana</i> Moor.						x	
141. <i>Anticyra combusta</i> Wk.					x		x
142. <i>Phalerodonta bombycina</i> Oberth.						x	
143. <i>Gonoclostera timonides</i> Brem.	x	x	x	x	x	x	
144. <i>Melalopha anachoreta</i> F.	x	x	x	x	x	x	
var. <i>orientalis</i> Fixs.						x	
145. „ <i>anastomosis</i> L.	x	x	x				
146. „ <i>curtuloides</i> Ersch.		x	x				
147. „ <i>pigra</i> Hufn.							
var. <i>obscurior</i> Stgr.						x	
148. <i>Micromelalopha sieversi</i> Stgr.	x	x	x			x	
(<i>trogodyta</i> Graes.)							
*149. „ <i>restitura</i> Wk.			x				
150. <i>Pygopteryx suava</i> Stgr.		x	x				
*151. <i>Norraca curvilinea</i> Wilem.						x	
*152. <i>Norracoides discollaris</i> Strand						x	
*153. <i>Turnaca delineivena</i> Swinh.						x	
154. <i>Pydna albifusa</i> Wilem.						x	
155. „ <i>albistriga</i> Strand						x	
156. „ <i>formosicola</i> Strand						x	
157. „ <i>inconspicua</i> Wilem.						x	
158. „ <i>insignis</i> Leech			x				

	Sagalien	Hokkaido	Honshiu	Shikoku	Kiushiu	Corea	Formosa
*159. <i>Pydna kanshireiensis</i> Wilem.						x	
*160. „ <i>metaphaea</i> Wilem.						x	
*161. „ <i>nebulosa</i> Wilem.						x	
*162. „ <i>plumosa</i> Btlr.		x					
*163. „ <i>sordita</i> Wilem.						x	
164. „ <i>southerlandi</i> Holl.		?					
165. „ <i>straminea</i> Moor.	x	x	x	x	x	x	
*166. „ <i>suisharyonis</i> Strand						x	
167. „ <i>testacea</i> Wk.						x	
(= <i>magna</i> Mats.)							
*168. „ <i>virgata</i> Wilem.						x	
169. <i>Mimopydna pallida</i> Btlr.	x	x					x
170. <i>Ramesa tosta</i> Wk.		x				x	
171. <i>Ptilophorides jezoensis</i> Mats.	x						
172. „ <i>nohirae</i> Mats.		x					
173. <i>Ptilophora plumigera</i> Esp.		?					

摘 要

日本産朝鮮及臺灣産新種の天社蛾並に既知の天社蛾目録

理、農學博士 松村 松年

今日まで余の研究せる所によりて見れば、日本、朝鮮及び臺灣産の天社蛾は實に百七十三種あり、其内余の所有せざるものにして未だ同定し得ざるものは*印を有する三十四種なり。

昨年朝鮮にて内田登一及び高野秀三兩氏の採集せる標本中に新しき二種及び二變種並に未録の二種ありたれば發表すべし。尙一昨年余が新日本千蟲圖解第四卷にて發表せし以來日本、朝鮮及び臺灣にて發見したる天社蛾の新種をも記載し尙序に八新屬をも發表すべし。

一、フタボシヤチホコ新變種。

Wilemanus bidentatus Wilem. var. *coreanus* Mats.

原種と異なる所は前翅は灰色にして少しく青色を帶び、中央の黒紋は原種の如く深く割られず、白色の後横線及び亞外縁線は判然せず。翅端紋は小にして細し。

產地——朝鮮(釋王寺、花山)。内田及び高野の兩氏は二雄及び三雌を捕獲せり。

二、フタオビシヤチホコの新異常形。

Gluphisia crenata Esp. ab. *infuscata* Mats.

前翅は暗色、外半は少しく淡色、亞底線、前中横線、後横線及び亞外縁線は細く、前横線は最も判然す。

產地——信州(白骨)——杉谷岩彦氏は數頭を捕獲し余に其一頭を惠與せり。

三、スギタニシヤチホコ。

Notodonta sugitanii Mats.

之れはフタナミシヤチホコ *N. tritophus* Esp. に酷似すれども左の點によりて容易に區別し得べし。

胸部は黒色、灰色毛を混ず。前翅は判然せる波狀の前横線及び後横線を具へ、前者は内側に、後者は外側に灰白線を有す、横脈紋は弦月形を呈し、灰色輪を有す。裏面は甚だ判然せざる暗色の後横線を具へ、之れは唯だ前縁にて判然す。後翅は甚だ判然せざる暗色の中横線を有す。裏面は判然せる弦月紋を具へ、其外側に暗色帶あり。

開張(♀)五二ミ、メ、

產地——信州(檜峠)——杉谷岩彦氏は一頭の雌を余に送附せり。

四、タカムクシヤチホコ。

Takadonta takamukui Mats.

之れは嘗て動物學雜誌三百七十九號一四七頁に記載せるものな

るが、其當時單に雄のみを記載し、雌を記載せざりしを以て序に其特徴を説明すべし。

雌前翅の斑紋は稍々雄の夫れと同一、然れども淡色にして、形大なり。裏面は暗色を帶び、外方の三分の一は淡色。後翅は中央に淡色の弓狀に曲れる一帯を具ふ。裏面は前翅の如く外方の三分の一は淡色。觸角は絲狀を呈し、刺毛を有せず。

開張五六ミ、メ。

昨年八月十七日二頭の雌を伯耆の大山にて捕獲せり。

產地——鳥取(大山)

五、タカオシヤチホコ。

Hiradonta takaonis Mats.

胸背淡灰褐、頭及び頸は暗褐、腹部は黃褐にして基部に暗色毛を有す。前翅暗褐、後角及び翅端は淡灰褐、前横線及び後横線は黒色にして波狀を呈し、殊に後横線は犬牙狀をなす、尙後縁に於ける前横線と後横線の間は暗色、外縁と第四及第五脈との中間は淡色。後翅は暗灰色、中央に淡色帶あり。裏面は暗色、中帶は濃色、外方の三分の一は淡色。

開張四七ミ、メ。

產地——本州(高雄山、秩父)——余は平山修次郎氏の採集せる二頭の雄を所有す。之はオホウスグロシヤチホコ *Hyperaeschra tenebrosa* Moor. に酷似すれども翅形は狭く、犬牙狀の黒縁によりて容易に區別し得べし。

六、テフセンシヤチホコ。

Coreodonta coreana Mats.

前翅は暗褐、前縁の三分の一は廣く淡色、前横線は高き波狀を呈し、中脈の下方に當り翅底に近く暗色の一縦條ありて、波狀の前横線と共にW字形の斑紋を表はし、其内側は淡灰褐、縦横線は點紋より成り、黒色、外方に斜に曲る、第四、五及び第六脈の間室は淡色、其室内に暗色の一縦條を裝ふ、脈は暗色なれども時に遮斷せらる、後縁の突起毛は暗色。後翅は暗灰色、帶は判然せず。裏面灰色、前翅の基部は稍々暗色。體は灰色、胸背の突起は末端にて暗色。腹部は後翅と同色。

開張五〇ミ、メ、高野及び内田の兩氏は十頭の雄を捕獲せるが、未だ雌を見ず。

產地——朝鮮(釋王寺)

七、マエグロシヤチホコ。

Hyperaeschra nigricosta Mats.

形はホソバオグロシヤチホコ *H. angustipennis* Mats. に酷似す。翅は灰色、前翅の中央線は暗色にして廣く、稍々弓狀を呈し斷續す。後翅は前翅よりも少しく淡色、中央に判然せざる淡色の一帯あり。裏面は灰白色、前翅の前縁は細く暗色にして末端の四分の一は淡色、其他斑紋を有せず。體は灰色にして少く淡黃褐を帶び、下唇鬚は暗褐、第三節は暗色。

開張(♂)三八ミ、メ、

産地——朝鮮、釋王寺、水原)二頭の雄を捕獲せるが何れも餘り完全ならず。

八、フトエグリシヤチホコ。

Lophopteryx robusta Mats.

之れはクワヤマエグリシヤチホコ *L. kuwayamae* Mats. に似たり。

雄は黄褐。前翅の後縁は暗褐、後縁と翅底に暗青色の鱗毛を疎に散在し、中央に近く太き暗色の後横線を具へ、之れは第四脈の處にて少しく外方に曲り、後縁突起の内側に終はる、後縁突起の内側に判然せざる高き波狀の暗色前横線ありて、之れは後縁にて判然す、翅底に近く判然せざる暗褐の半横線あり、後縁の突起は暗褐。後翅は灰黄褐、中央に判然せざる暗色の一帯を具へ、内縁角は黒色にして青色鱗を混じ、上方に淡色の短かき棒狀線を横置す。裏面は表翅よりも淡色、兩翅何れも中央に判然せざる暗色帯を裝ふ。中胸背の三角紋は灰黄白、跗節は褐色、淡色の輪紋あり。腹部は灰黄褐、尾節の兩側に毛塊を裝ふ。

開張(♂)四三ミ、メ、 八月中旬三頭の雄を捕獲せり。

産地——北海道(札幌)

九、ニツカウエグリシヤチホコ、

Lophopteryx nikkoensis Mats.

雄黄褐、雌暗褐、雄前翅の中央に近く太き暗色の一帯を具へ、之れは後縁の中央より起り、前縁角の前方に終る、此帯の内側に判然せざる細き暗色線を縦走す。後翅は淡き灰黄、内縁角に暗色紋ありて、其縁毛は褐色、淡色の棒線は少しく弓狀に曲る。胸背の三角紋は灰黄、腹部は後翅と同色。雌にては雄と同様なれども前翅少しく紫色を帯び、後縁の内側にて犬牙狀の暗色なる前横線は判然す、後縁は廣く暗色。胸背の三角紋は白色。

開張(♂)四四、(♀)四五ミ、メ、 一頭の雄は平山修次郎氏より、一頭の雌は高橋悌吉氏によりて捕獲せられたり、之れは稍々エゾエグリシヤチホコ *L. jezoensis* Mats. に似たり。

産地——本州(日光)

一〇、テフセンヒロバシヤチホコ、

Gangarides puerariae Mell var. *coreanus* Mats.

雄灰黄、前翅に褐色鱗を散在す、亞底線、前横線、中横線、後横線及び亞外縁線は暗色、亞底線は弓狀に曲り、副前縁脈の處にて遮斷せらる、前横線は副前脈に近く、中横線は中脈の上方にて何れも内方に曲る、後横線は斜にして翅端に近く外方に曲り、亞外縁線は波狀を呈し、兩端にて餘り判然せず、尙後横線に直角をなして判然せざる褐色の一線を前縁に送る、中室に白色の小紋を裝ふ。

後翅は黄色、裏面は淡き灰黄色、少しく緑色を帯び、褐色の二帯ありて其内後横線は細く、中横線は鱗毛より成り、太くして判然せず、褐色鱗を散在す。體下及び脚は灰黄、其他は原種と同一なり。

産地——朝鮮(釋王寺)。三頭(二雄及一雌)の標本を釋王寺にて捕獲す。

此原種は昨年南方支那にて發見せられたり。

尙雄に限り一種の新しき異常形あり、之れを *ab. rubens* Mats. と命名せり。

前翅は原種に異ならざれども、後翅は淡紅色を呈す。

尙從來の屬にして新屬と認むべきは左の六なり。

1. *Nericoides* Mats. (n. g.)——*Nerice bipartita* Btlr.
2. *Chadisroides* Mats. (n. g.)——*Ochrostigma ussuriensis* Püng.
3. *Spataliodes* Mats. (n. g.)——*Spatalia divea* Oberth.
4. *Stenospatialia* Mats. (n. g.)——*Spatalia jezoensis* Wilem. et S.
5. *Eguria* Mats. (n. g.)——*Spatalia ornata* Oberth.
6. *Mimopydna* Mats. (n. g.)——*Pydna pallida* Wk.

尙又今回新に發見せる新屬は左の二なり。

1. *Coreodonta* Mats. (n. g.)——*Coreodonta coreana* Mats. (n. sp.)
2. *Hiradonta* Mats. (n. g.)——*Hiradonta takaonis* Mats. (n. sp.)

新 屬 の 記 録

一、*Nericoides* (n. g.)——*Nerice* 屬に酷似すれども其異なる所は左の如し。

複眼には明瞭なる毛を生じ、胸背には圓錐形の突起を具へ、前翅の第六脈は小室基部三分の一より出で、*Nerice* 屬の如く中室の前角より出でず、第七脈は第六脈の稍々中央より分枝すれども *Nerice* 屬にては第六脈の三分の一より出づ、第三及び第四脈は稍々一點より出づ、斑紋は *Nerice* 屬に酷似す。此基準種はナカスヂシャチホコ *Nerice bipartita* Btlr. なり。

二、*Chadisroides* (n. g.)——*Chadisra* 屬に酷似すれども其異なる所は左の如し。

雌觸角は兩櫛齒狀を呈し、末端の三分の一は鋸齒狀、下唇鬚は短く、頭頂に達せず。後翅の第七及び第八脈は小室の上方より起り、第三脈は中室の後角より遙に下方より出づ、後縁の中央に縁毛の突起を有せず。後翅の第三脈も亦同様に中室の後角より遙に下方より出づ。之れは又 *Wilemanus* 屬に似れども後者の雌は糸狀の觸角を有するを以て容易に區別し得べし。此基準種はテフセンネジロシャチホコ *Ochrostigma ussuriensis* Püng. なり。

三、*Coreodonta* (n. g.)——*Epinotodonta* 屬に似れども其異なる所は左の如し。

觸角は糸狀を呈し、*Epinotodonta* 屬の如き鋸齒狀を呈せず。胸背に長き直立せる毛塊を具へ、之れは後胸背の方向に次第に低くし。前翅は細く、第六脈及び第七脈は中室の前角より遙に離れて分支す。之れは *Hyperaeschra* 屬にも似れども後者の雄は櫛齒の觸角を有するを以て容易に區別

制し得べし。此基準種はコアセンシヤチホコ *Coreodonta coreana* Mats. なり。

四、*Hiradonta* (n. g.)——之れは *Hyperaeschra* 屬に近きものなり。雄の觸角は長き鋸齒狀を呈し、末端の三分の一は糸狀を呈す。下唇鬚は上向して頑頑に達し、第三節は短かし。複眼は有毛。胸背に毛隆起を缺き、前翅の第六脈は中室の前角より出で、第三脈は第四脈よりも第二脈に近接す。後翅の第六脈と第七脈とは分支し、其柄は短かし。腹部は長く、後翅よりも略三分の一突出す。基準種はタカオシヤチホコ *Hiradonta takaonis* Mats. なり。

五、*Spataliodes* (n. g.)——*Spatialia* 屬に酷似すれども其の異なる所は左の如し。

觸角は雄にては鋸齒狀を呈し、雌にては糸狀を呈す。前翅の第七脈は第六脈の基部より遙か離れて出で、後翅の第三脈は後角の下方より出づ。*Spatialia* 屬にありては、雄の觸角は兩櫛齒狀を呈し、後翅の第三及び第四脈は分支して出づ。此基準種はギンボシヤチホコ *Spatialia dives* Oberth. なり。

六、*Stenospatialia* (n. g.)——之れも亦 *Spatialia* 屬に酷似すれども其異なる所は左の如し。

觸角は兩櫛齒狀を呈し、末端の三分の一は鋸齒狀を呈す。然るに *Spatialia* 屬にては唯末端の約六分の一のみ鋸齒狀を呈す。

雌にては觸角糸狀。前翅の第三脈は中室の後角より遙かに離れて下方より出づれども、第二脈よりも第四脈に近し。後翅の第六脈と第七脈とは分支し、其柄は短かし、第三脈は前翅の如く、中室後角の下方より遙かに離れて出づ。前翅は細く、前縁は翅端に近く曲る、特に雌にて著し。此基準種はエゾギンシヤチホコ *Spatialia jezoensis* Wilem. et S. なり。

七、*Eguria* (n. g.)——*Rosama* 屬に似れども其異なる所は左の如し。

下唇鬚は長くして細く、斜に上向し、第二節は第一節よりも約四倍長し、第三節は細く第一節よりも稍々短し。觸觸は兩性とも兩櫛齒狀。前翅の第三脈は第四脈より遙かに離れて出づるも、第二脈よりも第四脈に近し。後縁は毛塊の外側に深く割らる。*Spatialia* 屬にも似れども其異なる所は甚だ細長の小室を有し、第七脈は小室の末端より出で、雌は櫛齒狀の觸角を有す。

八、*Mimopydna* (n. g.)——*Pydna* 屬に似れども其異なる所は左の如し。

雄觸角は鋸齒狀を呈し、長刺毛を有し。胸背の中央に高き直立せる毛塊を具へ。前翅の小室は甚だ長く三角形を呈す、第七脈及び8+9脈は小室の末端より出づ。腹部は甚だ長く、其の半部は後翅より後方に突出す、尾端に掃狀の毛塊を装ふ。

基準種はウスキシヤチホコ *Pydna pallida* Wk. かり。

(完)