

The List of Insect in Shimane Prefecture IV*

Coleoptera (Curculionoidea)

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島根県の昆虫目録 IV

鞘翅目 (ゾウムシ科)

近 木 英 哉

The purpose of this paper is to make more clear the insect fauna in Shimane Prefecture which is not well known until now. I already published a list of butterflies : 1962 (1), of longicorn beetles : 1963 (2) and of scarabaeoid beetles : 1964 (3) in this prefecture. This time I report on Curculionoidea.

Though this super family is known to be one of the largest in *Coleoptera*, we have only a few records of it so far collected in this prefecture, so that all its species described here are based on my small collection and the records or specimens of Mr. Charles YATES**** and a few others.

Most species of this group are injurious to plants and some in fact are noted as pests of usefull plants. I mentioned their food plants in each item.

Of some species listed on the basis of the other reports, I could not make a taxonomical study to identify them, and had to follow the original reports.

Roman figures show the month of appearance of adult scientific names are in accordance with Mr. NAKANE (7). A full date is given to the species of which only one individual was collected.

There are only 84 species of curculionoid beetles in this list : *Anthribidae* 2, *Attelabidae* 18, *Apionidae* 2, *Curculionidae* 56, *Rhychophridae* 6. I hope that more species will be found to complete this list.

I wish to express my thanks to Mr. Charles YATES, Mr. Akio OTAKE, Mr. Tadashi MIURA and other nvestigators who kindly offered me specimens or records.

List of Curculionoidea

Family Anthribidae

1. *Apolecta lewisii* SHARP
VI-VII : Mt. Sambe ; Ura-Hikimi, Mino.
2. *Platystomus sellatus* ROELOFS
14-VI-1956 Mt. Tengu, Yatsuka (OTAKE).

Family Attelabidae

3. *Auleto'ius testaceus* ROEROFs
V : Matsue.
4. *A. uniformis* ROELOFS
18-VIII-1963 Matsue (CHIKAKI).
5. *Deporaus unicolor* ROELOFS
20-VII-1963 Ura-Hikimi, Mino(MIURA).
Food plants : *Quercus serrata*(oak tree).
6. *Byctisus venustus* PASCOE

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**** He stayed in Matsue from Oct. 1963 to July 1964 and now lives in Nevada, U.S.A.

- V-VII : Oki(5) ; Mt. Sambe.
Food plants : *Acer Mono* (maple tree).
7. *B. congener* JEKEL..... *B. regalis* ROELOFS (4) (6)
V-VII : Oki (5) ; Mt. Sambe.
Food plants : *Tilia iaponica* (Japan linden), *Populus* (poplar).
8. *B. fausti* SHARP
13-VI-1964 Matsue (YATES).
Food plants : *Quercus* (oak), *Castanea* (chestnut tree).
9. *Aderorrhinus crioceroides* ROELOFS
VII : Mt. Sambe.
10. *Rhynchites heros* ROELOFS
VI-VII : Yasugi ; Matsue ; Hamada (8).
Food plants : peach, pear, apple (young fruits and fruit-stalks).
11. *Involvulus singularis* ROELOFS
4-VII-1959 Minari, Nita (CHIKAKI).
12. *Phialodes rufipennis* ROELOFS
V : Mt. Sambe(9) ; Hamada (8).
Food plants: *Quercus*(oak).
13. *Euops splendida* VOSS
V-VII : Oki (5) ; Kijima, Iishi ; Minari, Nita.
Food plants : *Quercus* (oak).
14. *E. pustulosa* SHARP
28-V-1964 Mt. Makuragi, Matsue(YATES).
Food plants : *Acer Mono* (maple).
15. *Parophapoderus pardalis* VOLLENHOVEN
V-VII : Matsue ; Kijima, Iishi ; Mt. Sambe ; Mt. Tsubakuro, Mino.
Food plants : *Quercus* (oak), *Castanea* (chestnut).
16. *Phymatopoderus pavens* VOSS
V-VI : Oki (5) ; Matsue ; Mt. Sambe ; Mt. Wanibuchi, Hirata.
17. *Apoderus jekelii* ROELOFS
VI-VII : Oki (5) ; Matsue ; Mt. Sambe (9) ; Mt. Tsubakuro, Mino.
Food plants : *Alnus* (alder), *Quercus* (oak), *Betula* (birch), *Castanea* (chestnut).
18. *A. balteatus* ROELOFS
20-VII-1963 Ura-Hikimi, Mino (MIURA).
19. *A. erythrogaster* VOLLENHOVEN.....*A. nitens* ROELOFS (4) (6)
VII : Kumano, Yatsuka ; Minari, Nita ; Mt. Sambe ; Mt. Aono, Kanoashi.
Food plants : *Quercus* (oak), *Rosa* (rose).
20. *Cycnotrachelus nitens* ROELOFS.....*C. roelofsi* HAROLD (6)
V-VII : Matsue ; Tamatsukuri, Yatsuka ; Mt. Same (9) ; Mt. Tsubakuro, Mino.
Family Apionidae
21. *Apion japonicum* ROELOFS
14-XI-1953 Matsue (CHIKAKI).
22. *A. placidum* FAUST
20-VII-1963 Ura-Hikimi, Mino (MIURA).
Family Curculionidae

23. *Phyllobius armatus* ROELOFS
VII : Minari, Minari, Nita (CHIKAKI).
24. *P. longicornis* ROELOFS
20-VII-1963 Ura-Hikimi, Mino (MIURA).
25. *P. rolundicollis* ROELOFS
19-VII-1963 Mt. Tsubakuro, Mino (MIURA).
26. *P. galloisi* HUSTACHE
V : Mt. Makuragi, Matsue ; Mt. Wanibuchi, Hirata.
27. *P. mundus* SHARP
20-VII-1963 Ura-Hikimi, Mino (MIURA).
28. *P. incomptus* SHARP
28-V-1952 Matsue (CHIKAKI)
29. *Mylocerus griseus* FOELOFS
VI-VII : Matsue ; Kijima, Iishi.
Food plants : *Quercus* (oak).
30. *M. nigromaculatus* ROELOFS
19-VI-1964 Matsue (YATES).
31. *M. fumosus* FAUST
28-V-1964 Mt. Makuragi, Matsue (YATES).
32. *Macrocorynus griseoides* ZUMPT
20-VII-1963 Ura-Hikimi, Mino (MIURA).
33. *M. variabilis* ROELOFS
25-VII-1963 Kijima, Iishi (MIURA).
34. *Arrhaphogaster pilosus* ROELOFS
VII : Kijima, Iishi ; Ura-Hikimi, Mino.
35. *Episomus turritus* GYLLENHAL
VIII : Matsue ; Mt. Sambe (9) ; Hamada (8) ; Oki.
36. *Dermatoxenus caesicollis* GYLLENHAL.....*D. nodosus* MOTSCHULSKY (6)
V-VII : Matsue ; Mt. Sambe ; Oki.
37. *Callirhopalus bifasciatus* ROELOFS.....*Pseudocneorrhinus bifasciatus* R. (6)
13-VI-1952 Mt. Sambe (OTAKE).
Food plants : *Ribes* (currant).
38. *Scythropus scutellaris* ROELOFS
IV-V : Matsue ; Mt. Sambe.
Food plants : *Pinus* (new twigs of pine tree).
39. *Eugnathus distinctus* ROELOFS
V-VII : Mt. Wanibuchi, Hirata ; Tsuwano, Kanoashi.
40. *Pissodes nitidus* ROELOFS
VI : Matsue ; Mt. Sambe.
Food plants : *Pinus* (pine), well-known pest in Japan.
41. *Listroderes obliquus* KLUG
VII : Izumo.
Food plants : many kinds of vegetables ; well-known pest of vegetable.
42. *Hypera mongolica* MOTSCHULSKY
9-VI-1953 Matsue (CHIKAKI).

43. *Phaepholus major* ROELOFS
4-VI-1964 Matsue (YATES).
44. *Cleonus japonicus* FAUST
VII : Minari, Nita ; Masuda.
45. *Lixus acutipennis* ROELOFS
VII : Minari, Nima ; Hamada (8) ; Hikimi, Mino ; Oki.
46. *L. impressiventris* ROELOFS
VII : Masuda ; Tsuwano, Kanoashi.
47. *Mesalcidodes trifidus* PASCOE.....*Alcides trifidus* P. (6)
VI : Oki (5) ; Hamada (8).
48. *Mecyslobus flavosignatus* ROELOFS
22-VI-1958 Oki (5).
49. *M. erro* PASCOE.....*Alcides erro* P. (6).
14-VI-1956 Mt. Tengu, Yatsuka (ŌTAKE).
50. *M. piceus* ROELOFS
17-VI-1964 Matsue (YATES).
51. *Hylobius abietis haroldi* FAUST
V-VIII : Mt. Makuragi, Matsue ; Matsue ; Minari, Nita ; Mt. Sambe ; Hamada (8) ; Oki.
Food plants : *Pinus* (well-known pest of pine tree).
52. *H. orientalis* MOTSCHULSKY
5-V-1954 Mt. Sambe (CHIKAKI).
Food plants : *Cinnamomum*, *Neolitsea*, *Actinodaphne*, *Machilus*, *Illicium*.
53. *H. freyi* ZUMPT
13-VI-1952 Mt. Sambe (ŌTAKE)
54. *H. elongatus* ROELOFS
VI-VII : Mt. Tengu, Yatsuka ; Mt. Sambe.
55. *Seleuca chujoi* VOSS
14-VI-1956 Mt. Tengu, Yatsuka (ŌTAKE).
56. *Acicnemis maculaalba* ROELOFS
17-VII-1952 Mt. Sambe (ŌTAKE).
57. *A. dorsonigrita* VOSS
16-VII-1952 Mt. Sambe (ŌTAKE).
58. *A. palliata* PASCOE
V-VI : Oki (5) ; Mt. Sambe.
59. *Ectatorrhinus adamsi* PASCOE
VI : Oki (5) ; Hamada (8).
60. *Camptorrhinus minooensis* NAKANE
27-IV-1953 Mt. Sambe (ŌTAKE).
61. *Radinomerus maebarai* CHUJO et VOSS
14-VI-1956 Mt. Tengu, Yatsuka (ŌTAKE).
62. *R. unmon* NAKANE
11-VII-1953 Mt. Sambe (CHIKAKI)
63. *Shirahoshizo insidiosus* ROELOFS.....*Cryp torrhynchidius insidiosus* R. (6)
V-VII : Oki (5) ; Matsue.
Food plants : *Pinus* (well-known pest of pine tree).

64. *Cryptorrhynchus fassiculatus* ROELOFS
19-VII-1954 Mt. Sambe (ŌTAKE).
65. *Lobotrachus montanus* MORIMOTO
7-V-1964 Matsue (YATES).
66. *Macrotelephae ichihashii* MORIMOTO
9-V-1964 Matsue (YATES).
67. *Anthonomus bisignifer* SCHENKLING
5-V-1958 Oki (KADOWAKI) (8).
Food plants : *Rubus* (strawberry), *Rosa*, pear.
68. *A. pomorum* LINNÉ
20-VI-1956 Matsue (CHIKAKI)
69. *A. rectirostris* LINNÉ
2-IV-1955 Matsue (CHIKAKI).
70. *Baris dispilota* SOLSKY.....*B. reinii* ROELOFS (6)
VII : Minari, Nita ; Ai, Nita ; Tsuwano, Kanoashi ; Ura-Hikimi, Mino.
71. *B. armipes* ROELOFS
25-VII-1963 Kijima, Iishi (MIURA).
72. *Didthis melancholica* ROELOFS
14-VI-1956 Mt. Tengu, Yatsuka (ŌTAKE).
73. *Limnobaris jucunda* REITTER
22-V-1953 Mt. Sambe (ŌTAKE).
74. *Curculio dentipes* ROELOFS
VII : Mt. Sambe.
Food plants : *Castanea* (chestnut)
75. *C. conjugalis* FAUST
17-V-1952 Matsue (CHIKAKI)
76. *Echinocnemus squameus* BILLBERG
VI : Oki (5) ; Matsue.
Food plants : *Oryza sativa* (rice plant).
77. *Pseudocossomus brevitarsis* WOLLASTON
24-V-1964 Mt. Wanibuchi, Hirata (YATES).
Food plants : bamboo shoot.
78. *Macrorhyncholus crassiusculus* WOLLASTON
22-V-1953 Mt. Sambe (ŌTAKE).
Food plants : *Pinus* (pine).
Family Rhynchophoridae
79. *Cryptoderma fortunei* WATERHOUSE
V-VII : Mt. Wanibuchi, Hirata ; Mt. Sambe.
80. *Hyposipalus gigas* FABRICIUS.....*Sipalus hypocrita* BOHEMAN
VI-VIII : Oki (5) and whole prefecture. (8, 9, etc.)
Food plants : *Pinus* (pine), *Cryptomeria*, *Chamaecyparis* (white cedar),
Quercus (oak), *Fagus* (beech).
81. *Otidognathus jansoni* ROELOFS
V-VI : Matsue.
82. *Aplotes roelofsi* CHEVEROLAT

13-VII-1958 Oki (KADOWAKI) (5).

83. *Sitophilus sasakii* TAKAHASHI

VIII : Kuragi, Kanoashi.

Food plants : rice.

84. *S. oryzae* LINNÉ

IV-X : Oki (5) ; whole prefecture.

Food plants : rice.

Table of distribution

The division of Shimane Prefecture for distribution is as follows :

1. The coastal region

- 1) The eastern area : a) Yasugi city b) Matsue city c) Hirata city d) Izumo city e) Yatsuka dist.
- 2) The central area : f) Hikawa dist. g) Nima dist. h) Ōta city i) Gōtsu city
- 3) The western area : j) Hamada city k) Masuda city l) Naka dist. (coastal part)

2. The mountainous region

- 4) The eastern area : m) Nogi dist. n) Ōhara dist. o) Nita dist.
- 5) The central area : p) Iishi dist. (have Mt. Sambe) q) Ochi dist.
- 6) The western area : r) Naka dist. (except coastalpart) s) Mino dist. t) Kanoashi dist.

3. The Oki region

- 7) The Oki area : u) Dōzen v) Dōgo

(refer to map)

The map of division of Shimane Prefecture

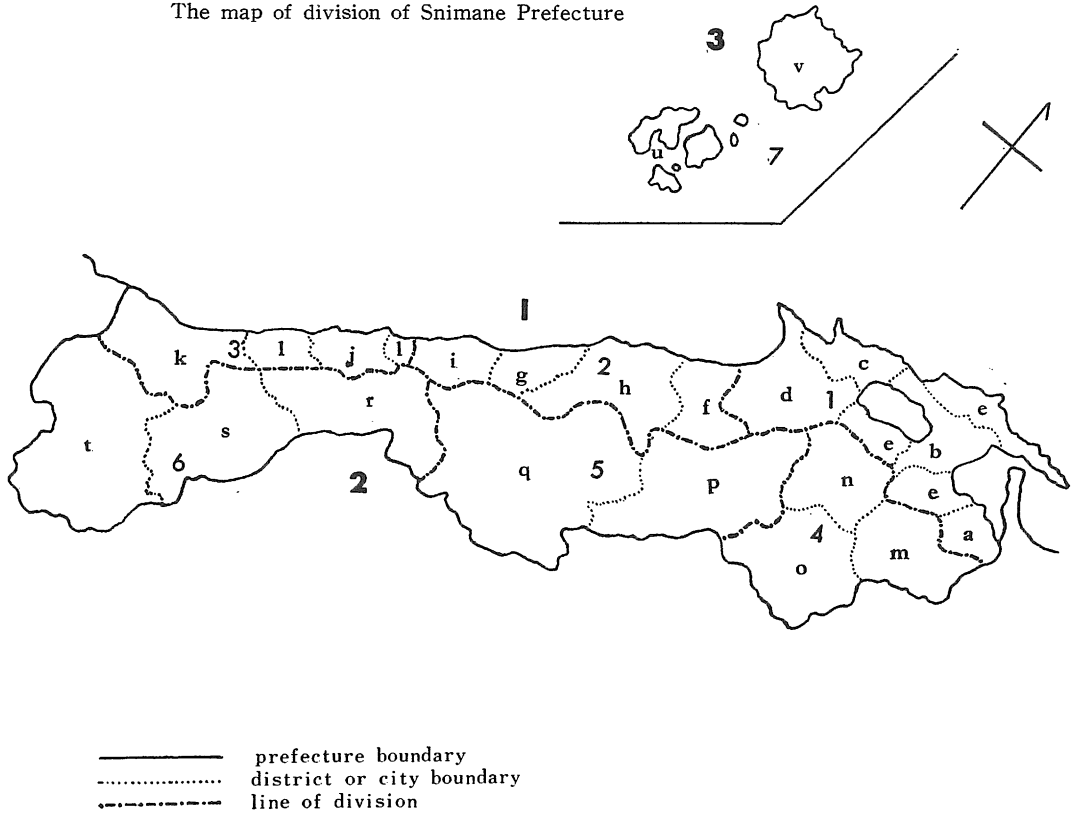


Table of distribution of Curculionoidea in Shimane Prefecture

	1			2			3
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Anthribidae							
<i>Apolecta lewisi</i> S.					○	○	
<i>Platystomus sellatus</i> R.	○						
Attelabidae							
<i>Auletobius testaceus</i> R.	○						
<i>A. uniformis</i> R.	○						
<i>Deporaus unicolor</i> R.						○	
<i>Byctisus venustus</i> P.					○		○
<i>B. congener</i> J.					○		○
<i>B. fausti</i> S.	○						
<i>Aderorrhinus crioceroides</i> R.					○		
<i>Rhynchites heros</i> R.	○		○				
<i>Involvulus singularis</i> R.				○			
<i>Phialodes rufipennis</i> R.			○		○		
<i>Euops splendida</i> V.				○	○		○
<i>E. pustulosa</i> S.	○						
<i>Parophapoderus pardalis</i> V.	○				○	○	
<i>Phymatopoderus pavens</i> V.	○				○		○
<i>Apoderus jekelii</i> R.	○				○	○	○
<i>A. lalteatus</i> R.				○		○	
<i>A. erythrogaster</i> V.	○				○	○	
<i>Cycnotrachelus nitens</i> R.	○				○	○	
Apionidae							
<i>Apion japonicum</i> R.	○						
<i>A. placidum</i> F.						○	
Curculionidae							
<i>Phyllobius armatus</i> R.				○			
<i>P. longicornis</i> R.						○	
<i>P. rotundicollis</i> R.						○	
<i>P. galloisi</i> H.	○						
<i>P. mundus</i> S.						○	
<i>P. incomptus</i> S.	○						
<i>Myllocerus griseus</i> R.	○						
<i>M. nigromaculatus</i> R.	○				○		
<i>M. fumosus</i> F.	○						
<i>Macrocorynus griseoides</i> Z.						○	
<i>M. variabilis</i> R.					○		
<i>Arrhaphogaster pilosus</i> R.					○	○	
<i>Episomus turritus</i> G.	○		○		○		○
<i>Dermatoxenus caesicollis</i> G.	○				○		○
<i>Callirhopalus bifasciatus</i> R.					○		
<i>Scythropus scutellaris</i> R.	○				○		
<i>Eugnathus distinctus</i> R.	○					○	
<i>Pissodes nitidus</i> R.	○				○		
<i>Listroderes obliquus</i> K.	○						

	1			2			3
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>Hypera mongolica</i> M.	○						
<i>Phaepholus major</i> R.	○						
<i>Cleonus japonicus</i> F.			○	○			
<i>Lixus aculipennis</i> R.		○	○				○
<i>L. impressiventris</i> R.			○				
<i>Mesalcidodes trifidus</i> P.			○			○	
<i>Mecyslobus flavosignatus</i> R.							○
<i>M. erro</i> P.	○						
<i>M. piceus</i> R.	○						
<i>Hylobius abietis</i> L.	○		○	○	○		
<i>H. orientalis</i> M.					○		
<i>H. freyi</i> Z.					○		
<i>H. elongatus</i> R.	○				○		
<i>Seleuca chujoi</i> V.	○						
<i>Acicnemis maculaalba</i> R.					○		
<i>A. dorsonigrita</i> V.					○		
<i>A. palliata</i> P.					○		○
<i>Ectatorrhinus adamsi</i> P.			○				○
<i>Camptorrhinus minoensis</i> N.					○		
<i>Radinomerus maebarai</i> C. et V.	○						
<i>R. unmon</i> N.					○		
<i>Shirahoshizo insidiosus</i> R.	○						○
<i>Cryptorrhynchus fassiculatus</i> R.					○		
<i>Lobotrachus montanus</i> M.	○						
<i>Macrotelephae ichihashii</i> M.	○						
<i>Anthonomus bisignifer</i> S.							○
<i>A. pomorum</i> L.	○						
<i>A. rectirostris</i> L.	○						
<i>Baris dispilota</i> S.				○		○	
<i>B. armipes</i> R.					○		
<i>Didthis melancholica</i> R.	○						
<i>Limnobaris jucunda</i> R.					○		
<i>Curculio dentipes</i> R.					○		
<i>C. conjugalis</i> F.	○				○		
<i>Echinocnemus sqameus</i> B.	○						○
<i>Pseudocossonus brevitarsis</i> W.	○						
<i>Macrorhyncholus crassiusculus</i> W.					○		
Rhynchophoridae							
<i>Cryptoderma fortunei</i> W.	○				○		
<i>Hyposipalus gigas</i> F.	○	○	○	○	○	○	○
<i>Otidognathus jansoni</i> R.	○						
<i>Aptotes roelofsi</i> C.							○
<i>Sitophilus sasakii</i> T.						○	
<i>S. oryzae</i> L.	○	○	○	○	○	○	○

摘 要

鳥根県で採集または記録されたゾウムシ主科の目録である。農林業の害虫には加害植物名を記入した。また、県内の分布がよくわかるように分布表をつけた。目録に記載したゾウムシの和名目録は次のとおりである。

和 名 目 録

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| <p>ヒゲナガゾウムシ科</p> <p>1. クロオビヒゲナガゾウムシ</p> <p>2. シロヒゲナガゾウムシ</p> <p> オトシブミ科</p> <p>3. チャイロケシツブチョッキリ</p> <p>4. クロケシツブチョッキリ</p> <p>5. コナライクビチョッキリ</p> <p>6. イタヤハマキチョッキリ</p> <p>7. ドロハマキチョッキリ</p> <p>8. ファウストハマキチョッキリ</p> <p>9. チャイロチョッキリ</p> <p>10. モモチョッキリ</p> <p>11. マダラケブカチョッキリ</p> <p>12. アシナガオトシブミ</p> <p>13. カシルリオトシブミ</p> <p>14. コブルリオトシブミ</p> <p>15. ゴマダラオトシブミ</p> <p>16. ヒメコブオトシブミ</p> <p>17. オトシブミ</p> <p>18. ウスモンオトシブミ</p> <p>19. ヒメクロオトシブミ</p> <p>20. ハギツルクビオトシブミ</p> <p> ホソクチゾウムシ科</p> <p>21. アザミホソクチゾウムシ</p> <p>22. ヒゲナガホソクチゾウムシ</p> <p> ゾウムシ科</p> <p>23. リンゴコフキゾウムシ</p> <p>24. リンゴヒゲナガゾウムシ</p> <p>25. キュウシュウヒゲボソゾウムシ</p> <p>26. コブヒゲボソゾウムシ</p> <p>27. ウスイロヒゲボソゾウムシ</p> <p>28. ツチイロヒゲボソゾウムシ</p> <p>29. カシワクチブトゾウムシ</p> <p>30. クロホシクチブトゾウムシ</p> <p>31. ケブカクチブトゾウムシ</p> <p>32. コカシワクチブトゾウムシ</p> <p>33. オオクチブトゾウムシ</p> <p>34. ケブカヒメカタゾウムシ</p> <p>35. シロコブゾウムシ</p> | <p>36. ヒメシロコブゾウムシ</p> <p>37. スグリゾウムシ</p> <p>38. マツトビゾウムシ</p> <p>39. コフキゾウムシ</p> <p>40. マツキボシゾウムシ</p> <p>41. ヤサイゾウムシ</p> <p>42. ハコベタコゾウムシ</p> <p>43. オオミスジマルゾウムシ</p> <p>44. ハスジゾウムシ</p> <p>45. ハスジカツオゾウムシ</p> <p>46. カツオゾウムシ</p> <p>47. オジロアシナガゾウムシ</p> <p>48. キスジアシナガゾウムシ</p> <p>49. ホホジロアシナガゾウムシ</p> <p>50. カシアシナガゾウムシ</p> <p>51. マツアナアキゾウムシ</p> <p>52. クスアナアキゾウムシ</p> <p>53. フライアナアキゾウムシ</p> <p>54. ホソアナアキゾウムシ</p> <p>55. チュウジョウアナアキゾウムシ</p> <p>56. マダラカレキゾウムシ</p> <p>57. アトジロカレキゾウムシ</p> <p>58. ウスモンカレキゾウムシ</p> <p>59. マダラアシゾウムシ</p> <p>60. ホソクチカクシゾウムシ</p> <p>61. ナガクチカクシゾウムシ</p> <p>62. ウンモンクチゾウムシ</p> <p>63. マツノシラホシゾウムシ</p> <p>64. ハスジクチカクシゾウムシ</p> <p>65. ミヤマヒシガタクモゾウムシ</p> <p>66. オオヒメクモゾウムシ</p> <p>67. イチゴハナゾウムシ</p> <p>68. ナシハナゾウムシ</p> <p>69. オビモンハナゾウムシ</p> <p>70. シロホシヒメゾウムシ</p> <p>71. トゲアシヒメゾウムシ</p> <p>72. ツヤケシヒメゾウムシ</p> <p>73. スゲノハラジロゾウムシ</p> <p>74. クリシギゾウムシ</p> <p>75. ニセコナラシギゾウムシ</p> <p>76. イネゾウムシ</p> <p>77. カグヤヒメクイゾウムシ</p> <p>78. マツオオクイゾウムシ</p> <p> オサゾウムシ科</p> |
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| 79. オオシロオビゾウムシ | 82. トホシオサゾウムシ |
| 80. オオゾウムシ | 83. ココクゾウムシ |
| 81. オオアカオサゾウムシ | 84. コクゾウムシ |

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