

Record of Some Weevils New to the Fauna of Kumejima and Oujima Islands, the Ryukyus, Southwest Japan

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Kumejima and Oujima Islands are located on about 100 km west from Okinawa-hontô Is., the Ryukyus in the East China Sea. Weevil fauna of these islands has not particularly been studied so far. A total of 12 species are merely known from Kumejima Is., while no species is recorded from Oujima Is. (YOSHITAKE, 1998; AZUMA *et al.*, 2002; KOHAMA & TAKEHARA, 2002; MORIMOTO *et al.*, 2006).

In the recent short survey conducted from the end of April to the beginning of May 2011, a total of 36 species of weevils were collected including several undescribed and unrecorded species, of which undescribed ones are also occurring in other islands of the Ryukyus and will be treated in another paper. Among them, 24 species new to the fauna of Kumejima and Oujima Islands are treated in this paper.

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Anthribidae

1. *Exillis japonicola* NAKANE, 1963
1 ex., Mt. Uegusukudake, 30–IV–2011; 2 exs., Ârahama, 30–IV–2011; 1 ex., Ôhara, 2–V–2011.
2. *Valenfriesia nitida* (MORIMOTO, 1978)
20 exs., Mt. Uegusukudake, 30–IV–2011.

Rhynchitidae

3. *Auletobius planifrons* SAWADA, 1993
4 exs., Mt. Uegusukudake, 30–IV–2011; 7 exs., Mt. Darumayama, 30–IV–2011; 4 exs., Âra-rindô, 2–V–2011.
4. *Cartorhynchites subtilis* (SAWADA, 1993)
11 exs., Mt. Uegusukudake, 30–IV–2011; 35 exs., Shimajirisaki, 2–V–2011.
No biological information was available for this weevil, however, a number of adults were found on *Ligustrum japonicum* (Oleaceae; Nezumimochi in Japanese) on Kumejima Is.

Dryophthoridae

5. *Odoiporus longicollis* (OLIVIER, 1807)
2 exs., Mt. Ôtake, 30–IV–2011.
6. *Polytus mellerborgi* (BOHEMAN, 1838)
8 exs., Mt. Ôtake, 30–IV–2011.

Curculionidae

7. *Curculio funebris* (ROELOFS, 1874)
12 exs., Mt. Uegusukudake, 30–IV–2011; 1 ex., Mt. Ôtake, 30–IV–2011.
8. *Curculio hirashimai* MORIMOTO, 1981
1 ex., Shimajiri, 2–V–2011.

9. *Imachra maetai* (MORIMOTO, 1964)
3 exs., Âra-rindô, 29-IV-2011; 12 exs., Mt. Uegusukudake, 30-IV-2011; 6 exs., Shimajirisaki, 2-V-2011.
10. *Imachra shirozui* (MORIMOTO, 1964)
1 ex., Âra-rindô, 29-IV-2011; 3 exs., Mt. Uegusukudake, 30-IV-2011; 1 ex., Ôhara, 2-V-2011.
11. *Heterendaeus miyamotoi* MORIMOTO, 1962
1 ex., Mt. Darumayama, 30-IV-2011.
12. *Cyphicerus kuchibutonius* (KÔNO, 1930)
31 exs., Ôhara, 2-V-2011; 100 exs., Oujima Is., 3-V-2011.
This species is known to injure *Eriobotrya japonica* (Rosaceae; Biwa in Japanese) in Tokunoshima Is., and also found on various trees (MORIMOTO *et al.*, 2006). However, weevils were commonly found on grasslands and sugarcane field next to the grassland on Kumejima and Oujima Islands (Figs. 1-4).
13. *Oedophrys sakaguchii* (KÔNO, 1930)
40 exs., Âra-rindô, 29-IV-2011; 7 exs., Mt. Uegusukudake, 30-IV-2011; 10 exs., Ôhara, 2-V-2011; 35 exs., Shimajirisaki, 2-V-2011.
14. *Lepidepistomodes griseoides* (ZUMPT, 1937)
3 exs., Mt. Darumayama, 30-IV-2011.
15. *Episomus mori* KÔNO, 1930
8 exs., Mt. Uegusukudake, 30-IV-2011.
16. *Dermatoxenus caesicollis* (GYLLENHAL, 1833)
1 ex., Mt. Uegusukudake, 30-IV-2011.
17. *Scepticus uniformis* KÔNO, 1930
10 exs., Îfu Beach, 2-V-2011.



Figs. 1-4. Habitat and adult feeding traces of *Cyphicerus kuchibutonius* on Oujima Is. — 1, Grassland (left side of the road) and sugarcane field (right side of the road); 2, adults on grass; 3, leaf marginal feeding traces on grass; 4, ditto, on sugarcane.

18. *Sympiezomias cribricollis* KÔNO, 1930
2 exs., Mt. Uegusukudake, 30-IV-2011; 1 ex., Ôhara, 2-V-2011; 2 exs., Yajâgama, 3-V-2011.
19. *Eugnathus distinctus* ROELOFS, 1873
1 ex., Âra-rindo, 29-IV-2011; 25 exs., Yajâgama, 3-V-2011.
20. *Cotasteromimus squamiger* MORIMOTO et MIYAKAWA, 1985
2 exs., Mt. Darumayama, 30-IV-2011.
21. *Microcryptorhynchus nipponicus* MORIMOTO et MIYAKAWA, 1985
9 exs., Mt. Darumayama, 30-IV-2011.
22. *Ampagia luzonae* ZIMMERMAN, 1945
2 exs., Mt. Uegusukudake, 30-IV-2011.
23. *Rhadinomerus unmon ryukyuensis* MORIMOTO, 1987
1 ex., Mt. Uegusukudake, 30-IV-2011; 1 ex., Âra-rindô, 2-V-2011.
24. *Sclerolips horridus* HELLER, 1931
1 ex., Mt. Uegusukudake, 30-IV-2011.

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