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## The taxonomic status of *Dactylispa taiwana* TAKIZAWA, 1978 (Coleoptera: Chrysomelidae: Cassidinae)

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ABSTRACT. *Dactylispa taiwana* TAKIZAWA, 1978 is restored from synonymy of *Dactylispa chujoi* SHIRÔZU, 1957 and both taxa are illustrated. Both species differ in morphological details and host plant preferences.

Key words: entomology, taxonomy, Coleoptera, Chrysomelidae, Cassidinae, *Dactylispa*, nomenclature, Taiwan.

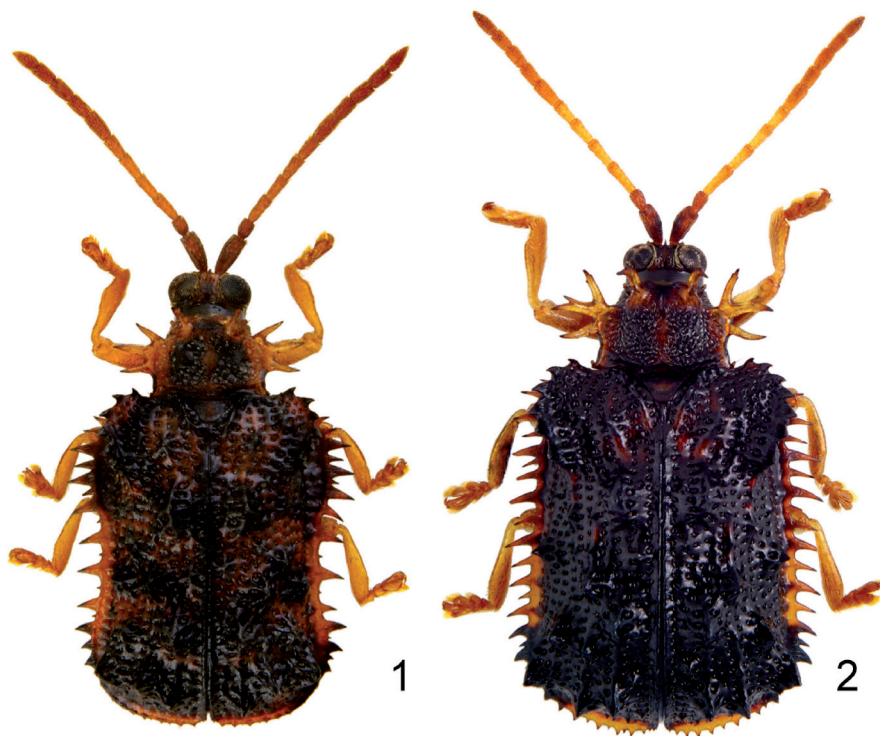
### ***Dactylispa taiwana* TAKIZAWA, 1978, bona species**

*Dactylispa taiwana* TAKIZAWA, 1978: 598; KIMOTO & CHU, 1996: 130 (as synonym of *Dactylispa chujoi* SHIRÔZU, 1957: 55).

*Dactylispa taiwana* was described by TAKIZAWA in 1978, subsequently synonymized with *D. chujoi* SHIROZU, 1957 by KIMOTO & CHU (1996). The Taiwan Chrysomelid Research Team (TCRT) has been initiated in order to inventory all species of Chrysomelidae found in Taiwan. Over the course of investigating the chrysomelids of Taiwan, we found that *Dactylispa taiwana* should be a distinct species because it can be distinguished from *D. chujoi* by some diagnostic characters and differentiation of host plants. *Dactylispa taiwana* differs from *D. chujoi* by the medially narrowed elytra and presence of small teeth between intervals of big teeth at lateral margin of the elytra. *Dactylispa taiwana* feeds on leaves of *Carpinus kawakamii* HAYATA (Betulaceae), but *D. chujoi* prefers those of *Rubus swinhoei* HANCE (Rosaceae), *Prunus campanulata* MAXIM. (Rosaceae), *Cyclobalanopsis glauca* (THUNB. ex MURRAY) OERST. (Fagaceae), and *Quercus variabilis* BL. (Fagaceae). Thus the species *Dactylispa taiwana* TAKIZAWA, 1978 should be reinstated.

Type materials examined: Holotype: “Tongpu Nantou Taiwan 5-10.VII.1977 H. Takizawa / *Dactylispa taiwana* n.sp. Holotype '78. Feb.’; one paratype, same data as holotype (both in Entomological Institute of Hokkaido University, Sapporo, Japan).

Materials examined: 5 exs.: “Taiwan: Hualien, Huitouwan, 10.VII.2007, leg. C.-F. Lee”; 1 ex., same locality, 02.II.2008, leg. M.-H. Tsao; 6 exs.: “Taiwan: Pingtung, Tahanshan, 22.I.2009, leg. S.-F. Yu and M.-H. Tsao”; 1 ex., same locality, 06.II.2008, leg. M.-H. Tsao” (Taiwan Agricultural Research Institute, Taichung, Taiwan and Smithsonian Research Institute, Washington, D.C., U.S.A.).



1-2. Dorsum: 1 – *Dactylispa taiwana* TAKIZAWA, 2 – *D. chuioi* SHIROZU

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