

Rediscovery of the Intertidal Rove Beetle, *Liparocephalus tokunagai* SAKAGUTI (Coleoptera, Staphylinidae, Aleocharinae) from Shikoku

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Liparocephalus tokunagai SAKAGUTI, 1944 inhabiting intertidal rocky zone has only been recorded from Japan and is distributed in Honshu, Shikoku and Kyushu (SAKAGUTI, 1944; SHIBATA, 1986; SAKAI, 2003; AHN, 1997). This megacephalous strange species is vary rare, and has not recorded anywhere since 1985 with a concrete collecting data besides locality (AHN, 1997; UÉNO, 2006). On the other hand, many of the natural seashore in Japan are vanishing rapidly by exploitation, therefore, this species has designated as “Date Dificient (DD)” in Red Book of Japan (UÉNO, 2006). Recently, I rediscovered this species from some localities in Shikoku and I will record them as below.

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Liparocephalus tokunagai SAKAGUTI, 1944

Liparocephalus tokunagai SAKAGUTI, 1944, 20. — AHN, 1997, 89 [larval description]. — MARUYAMA & AHN, 2000, 571 [in key].

Previous records. [Kanagawa Pref.] Aburatsubo beach, Miura-shi (SHIBATA, 1986). [Wakayama Pref.] Seto, Shirahama (SAKAGUTI, 1944). [Ehime Pref.] Nagahama-chô (SAKAI, 1980); Gogo-shima, Matsuyama-shi (SAKAI, 1980); Hôjô-kashima, Hôjô-shi (SAKAGUTI, 1981); Washi-ga-se (SAKAGUTI, 1981; probably misreading of “Washi-ga-su”); Nagahama-chô (SAKAI, 2003); Matsuyama-shi (SAKAI, 2003); Tsushima-chô (SAKAI, 2003). [Miyazaki Pref.] Miyazaki (UÉNO, 2006; probably mistake of Wakayama Pref.) [Kagoshima Pref.] Kekura (AHN, 1997).

Present records. [Ehime Pref.] 1 ♂ (deposited in EUM), Kushû, Nagahama-chô, 7-V-1978, M. SAKAI leg. (ref. SAKAI, 1980, 2003); 2 ♂♂ (deposited in EUM), Katsuoka, Matsuyama-shi, 10-V-2009, Y. SENDA leg.; 10 ♂♂, 13 ♀♀, ditto, 24-V-2009, S. FUDA, Y. SENDA & H. YOSHITOMI leg.; 1 ♂, Hôjô-ôura, Matsuyama-shi, K. SUGAYA leg.; 2 ♂♂ (deposited in EUM), ditto, 20-IX-2009, Y. SENDA leg.; 1 ♂, Kushi, Iyo-shi, 19-IX-2009, Y. SENDA leg.

Notes. The above localities reported here are rocky beaches covered with seaweeds (e.g. *Sargassum fusiform* (HARVEY) SETCHELL, *Myelophycus simplex* (HARVEY) PAPENFUSS and *Ishige okamurae* YENDO). At low tide, many individuals were wandering around the root of seaweed (esp. *Sargassum fusiform* (HARVEY) SETCHELL), and hidden in “sac” of *Calpomenia* sp. Additionally, many larvae of this species were found out in same time. I observed the adults and larvae of this species that feed the likely halacarid mites.

I have surveyed, Hôjô-kashima (20. Sep. 2009) and Washi-ga-su, Gogo-shima, Matsuyama-shi (22. Sep. 2009) which are the previously recorded localities, but I could not find any specimens.



Figs. 1-2. *Liparocephalus tokunagai* SAKAGUTI. — 1, Adult male, on *Calpomenia* sp.; 2, habitat (Katsuoka, Matsuyama-shi, Ehime Pref.)

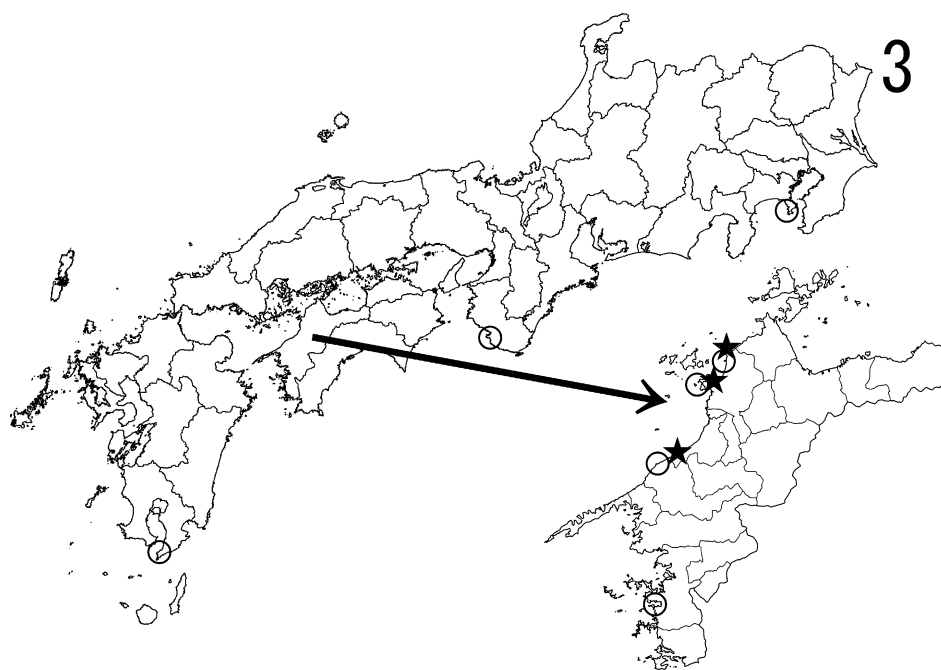


Fig. 3. Distribution of *Liparocephalus tokunagai*. Open circle: previous records, Closed star: new records.

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