

要 約

蘇 智慧, 岡田節人, 大澤省三, B. DAVID, J.-L. DOMMERGUES, F. MAGNIEZ: ミトコンドリアND5遺伝子のDNA塩基配列に基づくオサムシ類の放散。——フランス産オサムシ亜族の9属(7属は日本にいない)9種について, ミトコンドリアND5遺伝子のDNA塩基配列を決定し, 日本の代表的オサムシの配列とともに分子系統樹を作成した。分類学上の属(ときに亜属とされる)に相当する15の系統の存在が示されたが, これらは, オサムシ亜族の分化初期の短期間に放散したと推定される。

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Elytra, Tokyo, **24** (2): 179–180, November 15, 1996

Additional Records of *Euxestocis bicornutus* (Coleoptera, Ciidae)

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Euxestocis bicornutus MIYATAKE, 1954 [Japanese name: Futatsunotsuya-tsutsukinokomushi], is relatively rare among the Japanese ciid species, and it has been considered to be endemic to Shikoku (MIYATAKE, 1985). This ciid is recently collected from rather wide areas in Japan, and KITABATA (1993) recorded it from central Honshu. In this report, I will summarize

the collecting data of the species mainly on the basis of the collection of Ehime University. Second records from the same localities are omitted.

Specimens examined. [Honshu] (Aomori Pref.) 24 exs., Mt. Iwaki, 29-IX-1992, M. SAKAI leg. (Kanagawa Pref.) 1 ex., Ooiso, 30-VII-1973, Y. HIRANO leg.; 2 exs., Dôdaira, Tanzawa, 16-V-1993, Y. HIRANO leg. (Hyôgo Pref.) 8 exs., Mt. Maya, 19-VIII-1989, M. KAWANABE leg. (Okayama Pref.) 13 exs., Mt. Gagyû, 28-VII-1989, M. KAWANABE leg. [Shikoku] (Ehime Pref.) 66 exs., Higashino, Matsuyama, 13-IV-1953, M. MIYATAKE leg. (incl. holo-, allo- and 7 paratypes); 4 exs., Shiroyama, Matsuyama, 10-IX-1950, S. HISAMATSU leg. (paratypes); 11 exs., Kashima, nr. Matsuyama, 29-VII-1953, M. MIYATAKE leg. (incl. 8 paratypes); 1 ex., Nuwa Is., 12-X-1957, F. TAKECHI leg.; 2 exs., Omogokei, 27-VII-1956, M. MIYATAKE leg.; 4 exs., Odamiyama, 25-VIII-1992, E. YAMAMOTO leg.; 2 exs., Mt. Saragamine, alt. ca. 1,000 m, 3-V-1989, M. SAKAI leg. (Kagawa Pref.) 1 ex., Mt. Zôzusan, 31-VIII-1975, A. ODA leg. (Kôchi Pref.) 4 exs., Oudaba, Kuroson, Hatta-gun, 18-VII-1953, T. EDASHIGE leg. (paratypes); 4 exs., Cape Ashizuri, 4-IV-1977, H. MIYAMA leg. [Kyushu] (Miyazaki Pref.) 2 exs., Mi-ike, 3-III-1984, M. ÔHARA leg. (Nagasaki Pref.) 26 exs., Tsushima Is., Uchiyama, 10-V-1991, M. KAWANABE leg. (Kagoshima Pref.) 115 exs., Yakushima Is., Hanayamahodô-iriguchi, 23-IX-1989, M. KAWANABE leg.; 1 ex., Kusugawa, 25-IX-1989, M. KAWANABE leg.

Distribution. Honshu, Shikoku, Kyushu, Tsushima Is., Yakushima Is.

Host fungi. *Cryptoporus volvatus* (PECK) SHEAR [Hitokuchitake], *Heterobasidion insularis* (MURR.) RYV. [Rengatake], *Ganoderma lucidum* (LEYSS.: FR.) KARST. [Mannentake], *G. neojaponicum* IMAZEKI [Magojakushi], *Fomitella rhodopaea* (LÉV.) AOSHIMA [Ôsurumetake], *F. fraxinea* (FR.) IMAZEKI [Bekkôtake], *Gloeoporus dichrous* (FR.) BRESADOLA. [Ebiuratake], *Daedaleopsis perlevis* AOSHIMA [Senbeitake]. In addition to the above mentioned fungi, this species is often collected from rotten wood.

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