Research Note

Note on the geographical distribution of *Hybomitra takahasii* Inaoka et Haya- kawa, 1982 with a new addition from the Abashiri district in Hokkaido (Diptera: Tabanidae)

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(Received: May 22, 1992)

Key words: Tabanidae, *Hybomitra takahasii*,
Hokkaido, distribution.

Hybomitra takahasii Inaoka et Hayakawa, 1982 is a rare species among the genus *Hybomitra*. When this species was described as new to science, its distribution was known only in the Kamikawa and Kushiro districts in Hokkaido (Inaoka and Hayakawa, 1982). *Hy. takahasii* is easily distinguished from any other species of *Hybomitra* by its small head and characteristic abdominal pattern, and occurs in late July to early August. Up to present, only the Tokachi district had been added to its distribution (Hayakawa, 1989). Furthermore, only 20 adults of this species have been collected from only 7 localities in these districts in Hokkaido (Hayakawa and Inaoka, 1988; Inaoka, 1990), and only three egg-batches have been collected from one marsh plant, *Carex amplifolia* in a

Fig. 1 Distribution map of *Hybomitra takahasii* in Hokkaido.

●, newly recorded; ▲, so far known.

shaded area near Onneto, Akan, Kushiro district (Hayakawa and Inaoka, 1989).

The authors made a survey of tabanid flies at the Kaminoko-ike in Kiyosato-cho, Abashiri district, Hokkaido in 1990 by the use of CO₂-lured mosquito-net traps. The following individual of *Hy. takahasii* was collected.

1 ♀, August 5, 1990, Kiyosato, Hokkaido, H. Sasaki leg.

This is the first record of this species from the Abashiri district in Hokkaido, and this individual is the 21st collected specimen of this species.

Figure 1 shows a map of the geographical distribution of this species, summarizing the collecting localities and data hitherto known.

Hy. takahasii is closely allied with the Sakhalinan species, *Hy. bagheera* Violovich, 1968 (Murdoch and Takahasi, 1969), but seemed to be indigenous to Hokkaido (Inaoka, 1990).

More detailed surveys are required to confirm its distribution borders within Hokkaido and the surrounding areas.

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摘 要

タカハシキボシアブの北海道網走地域からの 新記録とその地理的分布

タカハシキボシアブが北海道網走地域では初めて、清里町神の子池で炭酸ガス蚊帳トラップ法によって成虫1個体が採集された。本種は北海道にのみ分布し、これまで上川、十勝、釧路地域の7地点から成虫では20個体しか採集されていない稀有種である。本種の地理的分布を図示した。