BRACHYTARSINA FLAVIPENNIS M A C Q U A R T, 1851 (DIPTERA, STREBLIDAE), MEMBER OF A NEW FAMILY FOR THE BULGARIAN FAUNA

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INTRODUCTION

There are two parasitic bat fly families known in Europe — Nycteribiidae and Streblidae. Till now only Nycteribiidae were recorded for Bulgaria (Б е р о н , 1986).

MATERIAL

Brachytarsina flavipennis M a c q u a r t, 1851: 2 ex., on *Rhinolophus blasii* P e t e r s, 1866 (single hibernating female), Southwest Bulgaria, District Kjustendil, village Gorna Koznitza, cave Assandelia, alt. 1000 m, 9. II. 1994, leg. B. Petrov, T. Ivanova, P. Stoev, det. Dr P. Beron. Deposited: National Museum of Natural History, Sofia.

REMARKS

The family Streblidae is widely distributed over the tropical regions. The only streblid species known in Europe is *B. flavipennis.* It is recorded for all Mediterranean countries. Its main hosts are the bats from the genus *Rhinolophus,* especially the middle-sized rhinolophids — *Rh. blasii, Rh. euryale, Rh. mehelyi* (H u r k a, 1962, 1963; P i e p e r, 1965). It is considered that the north margin of the distribution of *B. flavipennis* follows the +8 °C January isotherm (H u r k a, 1962). So, the finding of the species in

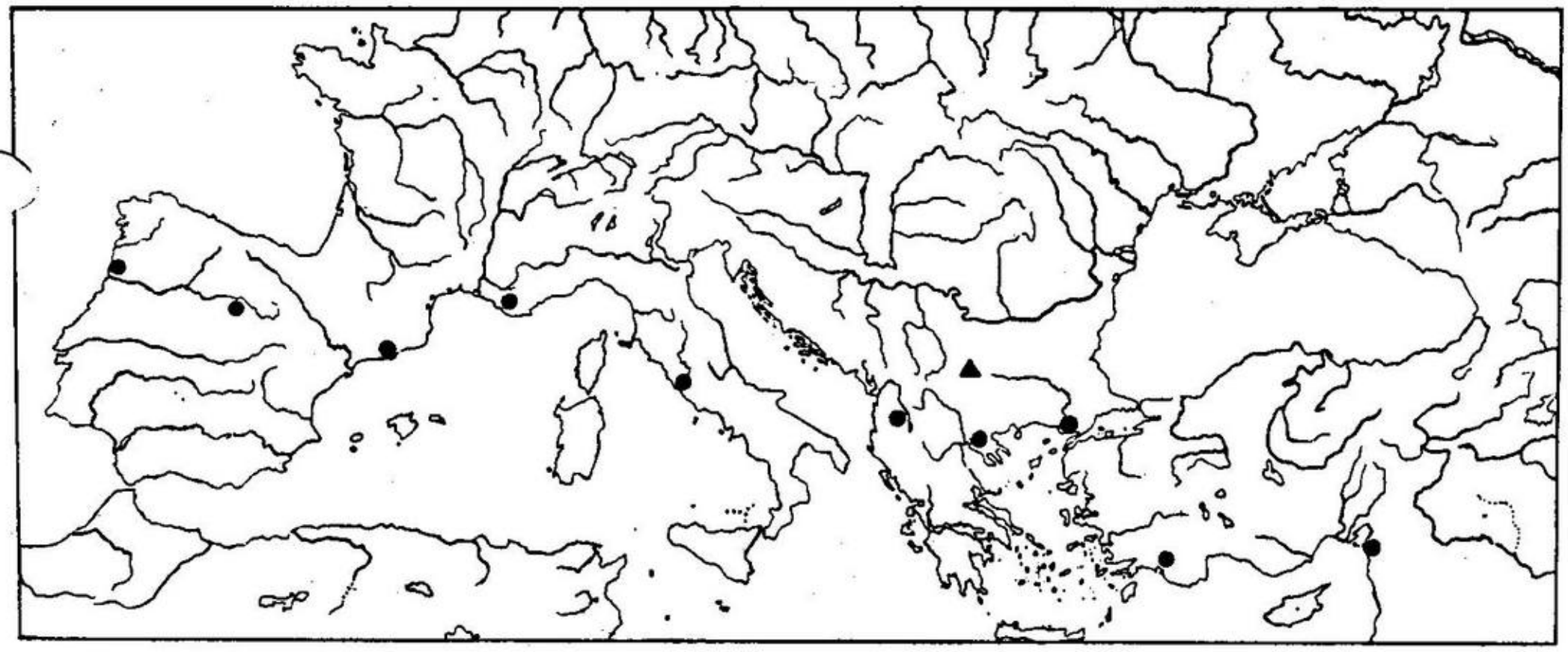

Fig. 1. Northern limit of the distribution of *Brachytarsina flavipennis* in Europe and Turkey
• (black spots) — after H u r k a (1984); ▲ — the Bulgarian locality

Bulgaria in a region with an average temperature in January below — 1°C is of special interest (see Fig. 1.) because we may consider that the distribution of *B. flavipennis* is mostly limited by the occurrence of the main hosts than by the average winter temperatures.

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BRACHYTARSINA FLAVIPENNIS MACQUART, 1851 (DIPTERA, STREBLIDAE), ПРЕДСТАВИТЕЛ НА НОВО СЕМЕЙСТВО ЗА ФАУНАТА НА БЪЛГАРИЯ

ТЕОДОРА ИВАНОВА, ПАВЕЛ СТОЕВ, БОЯН ПЕТРОВ

(Резюме)

Съобщено е за пръв път за намирането на *Brachytarsina flavipennis* Macquart, 1851 (Diptera, Streblidae) в България, с. Горна Козница, Кюстендилско, пещерата Асанделия, гостоприемник *Rhinolophus blasii* (Rhinolophidae, Chiroptera).