Przypadek nietypowej echolokacji karlika malutkiego
*Pipistrellus pipistrellus* (Schreber, 1774)

The case of non-typical echolocation in pipistrelle *Pipistrellus pipistrellus* (Schreber, 1774)

**Abstract:** In May 1999 the non-typical echolocation signals emitted by the feeding individual of *Pipistrellus pipistrellus* (Schreber, 1774) were recorded between Jeleńia Góra and Podgórzyn (south-western Poland). The essence of their atypicalness was the fact that in the most cases the highest sound intensity was for harmonic emitted within the range 10,5-11 kHz, which means within the audibility range of human ear. Sometimes the intensity value for this frequency was not significantly different from the values for the higher harmonics in 36-37 kHz and 46-47kHz. Apart from the measures of echolocation signals for the species identification of observed individual, social calls were also used.

**Keywords:** Chiroptera, *Pipistrellus pipistrellus*, acoustic identification, echolocation, social calls