

BATS DISTRIBUTION AND PHENOLOGICAL DATA IN  
MAZEIKIAI DISTRICT (LITHUANIA) IN 1999-2002

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Mazeikiai district is in the Northwest part of the Lithuania. It takes 1220 km<sup>2</sup> area. Episodic researches are carrying out in this territory from 1995, but detailed studies of bats fauna are organized from 1999. Then was the beginning of collecting detailed information about bats distribution in this area, abundance of individuals and populations, phonological data.

Totally there are 12 bat species founded in Mazeikiai district: *Myotis daubentonii*, *M. dasycneme*, *M. brandtii*, *M. nattereri*, *Plecotus auritus*, *Nyctalus noctula*, *N. leisleri*, *Pipistrellus nathusii*, *P. pipistrellus*, *Eptesicus nilsonii*, *E. serotinus*, *Vespertilio murinus*.

Renavas park is very important as a breeding territory of *N. noctula* (35-50 ind.), *P. nathusii* (40-60 ind.), *E. nilsonii* (till 30 ind.). In breeding period there are observed several *M. brandtii* (usually observe them in Lithuania only during wintering time) and *M. dasycneme*. Totally there are detected 11 bat species during breeding period.

There are big breeding colonies of *M. daubentonii* (about 80 ind.) and single individuals of *N. leisleri* in Plinkisiai park. 10 bat species are observed in Plinkisiai surroundings during breeding period.

Numerous breeding colonies of *P. nathusii* (total 200 ind.) and *P. pipistrellus* (100 – 150 ind.) are in the Seda, Vieksniai and Krakiai settlements. *E. nilsonii* is common species and several individuals of *V. murinus* are usual in these towns. Totally there are living 7 bat species.

The most abundant species are: *M. daubentonii*, *P. auritus*, *P. nathusii*, *E. nilsonii*. *N. leisleri*, *M. dasycneme* and *V. murinus* are rare or very rare species in Mazeikiai district.