

## Project Update: October 2017

The field researches were carried out in April, August-September in Liptsy and Tetlega mines (Kharkiv region, Ukraine). In spring, a bat census in each of the mines complex were done. In one census remains of *Myotis daubentonii* eaten by some rodent was found (Picture 1). In autumn swarming time, bat mist-netting near mines' entrances was done; 370 specimens of five bat species were caught. Among 335 captured *M. daubentonii* 90 were with rings banded from 1 to 10 years ago.

We tested the camera traps both inside and outside the mines (Pictures 3-6). We got pictures and movies with moments when bats hide in deep crevices in mines' walls.

In July expedition to different forests were carried out up to 300 specimens of 9 bat species were caught, none of them with rings from previous years.



Left: Remains of *M. daubentonii* in Liptsy mines eaten by rodents, April 2017. Right: Partial albinos of *M. daubentonii* in Liptsy mines, August 2017.



Left: *M. daubentonii* flies in an adit of Liptsy mines, picture was done in complete darkness, August 2017. Right: *Plecotus auritus* before passing into the deep crevice in a wall of Tetlega mines, September 2017.



Left: Four *M. daubentonii* swarm near the deep crevice in a wall of Tetlega mines, September 2017. Right: The Bushnell photo-trap in Liptsy mines, August 2017.