

## Another record of *Pipistrellus kuhlii* in Dobrogea (Romania)

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**Abstract.** We report another finding of *Pipistrellus kuhlii* in the Romanian part of Dobrogea. On 29 September 2009, one dead specimen of *P. kuhlii* was found together with four dead specimens of *P. pipistrellus* in an observation tower in the area of the Chituc sand bank (Grindul Chituc) (44° 34' 16.7" N, 28° 53' 53.7" E, Constanţa county). Basic measurements are presented in the paper.

***Pipistrellus kuhlii*, *Pipistrellus pipistrellus*, Dobrogea, Romania**

On 29 September 2009, five dead bats were found accidentally on the Chituc sand bank (Grindul Chituc), on the Black Sea shore near the Sinoe lake in Romanian Dobrogea (44° 34' 16.7" N, 28° 53' 53.7" E, Constanţa county). One of the specimens was later identified as *Pipistrellus kuhlii* (Kuhl, 1817) and the other four as *Pipistrellus pipistrellus* (Schreber, 1774). The bodies were discovered on the floor of a former watchtower, which is nowadays used by ornithologists. The cause of their death is not known.

The following measurements were taken in the *Pipistrellus kuhlii* specimen [mm]: forearm length 36.0; length of hind foot 7.2; tail length 37.3; tibia length 14; length of first digit (without claw) 5.2; length of third digit 62.1; length of fifth digit 46.5. The osteological material and a genetic sample are stored by the authors.

Probably the first reliable record of *P. kuhlii* from Romania comes from the area of the Romanian-Hungarian border near the Cefa village (Gheorghiu & Murariu 2002), other two from the city of Oradea (Bihar county) (Limpens in Sachanowicz et al. 2006) and from SW Romania near the Cloşani village (Gorj county) (Gheorghiu & Murariu 2002). In all cases, the species was revealed by a bat detector in 2002. The first biometric data on *P. kuhlii* from Romania were described by Ifrim & Valenciu (2006). A hibernating male was found on the balcony of an apartment in the city of Iaşi (Iaşi county). In 2006 a nursery colony of about 50 individuals was discovered in the city of Constanţa (Constanţa county) (Dragu et al. 2007). The distance between the locality of Chituc, mentioned in this contribution, and Constanţa is approximately 50 km. Numerous new records from the area of Moldova and Dobrogea were described in the doctoral thesis of I. Ifrim (Chişamera & Murariu in press). Another two dead specimens of *P. kuhlii* were found near the Mihai Viteazu village (Călăraşi county) and in a park in Bucharest in S Romania in 2008 (Chişamera & Murariu in press). The authors of the latter publication summarise all existing data on this species in Romania and present biometric measurements of five specimens. According to our information, also other recent findings from Dobrogea are being prepared for publication (Szodoray-Parádi, in litt.). The dead specimen of *P. kuhlii* discovered by us at Chituc is the fourth described record of this species in Dobrogea (of them, two were identified by a bat detector), supporting the hypothesis of its current spreading (Sachanowicz et al. 2006).

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## Súhrn

**Ďalší nález *Pipistrellus kuhlii* v Dobruďži (Rumunsko).** Dňa 29. septembra 2009 bolo náhodne nájdených 5 kadáverov menších druhov netopierov na pieskovej kose Chituc (Grindul Chituc) na pobreží Čierneho mora v rumunskej Dobruďži (44° 34' 16.7" N, 28° 53' 53.7" E, župa Constanța). Neskôr bol jeden jedinec určený ako večernica južná *Pipistrellus kuhlii* (Kuhl, 1817) a ostatné štyri ako večernica malá *Pipistrellus pipistrellus* (Schreber, 1774). Kadávery boli nájdené na podlahe bývalej strážnej veže, v súčasnosti využívanej ako ornitologická pozorovateľňa, ktorá sa nachádza na pobreží mora a jazera Sinoe. Príčina úhynu nie je známa. Boli zistené nasledujúce biometrické údaje uhynutého jedinca večernice južnej [mm]: dĺžka predlaktia 36,0; dĺžka zadného chodidla 7,2; dĺžka chvosta 37,3; dĺžka holene 14; dĺžka palca 5,2; dĺžka tretieho prsta 62,1; dĺžka piateho prsta 46,5. Osteologické zvyšky a genetická vzorka sú uložené u autorov príspevku.

## Rezumat

**Date noi de identificare a speciei *Pipistrellus kuhlii* descoperite în Dobrogea (România).** În data de 29 septembrie 2009, cinci exemplare de lilieci morți au fost găsite din întâmplare pe Grindul Chituc, între litoralul Mării Negre și lacul Sinoe, în Dobrogea (44° 34' 16.7" N, 28° 53' 53.7" E, jud. Constanța). Una dintre cele cinci exemplare a fost identificată ca *Pipistrellus kuhlii* (Kuhl, 1817) și alte patru ca *Pipistrellus pipistrellus* (Schreber, 1774). Cadavrele se aflau într-un turn de observație. Cauza morții nu este cunoscută. Următoarele date au fost măsurate [mm]: lungimea antebrațului 36,0; lungimea piciorului din spate 7,2; lungimea cozii 37,3; lungimea gambei 14,0; lungimea degetului 1. fără gheare (D1) 5,2; lungimea degetului 3. (D3) 62,1; lungimea degetului 5. (D5) 46,5. Materialul osteologic și mostra genetică sunt păstrate de autori.

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