

## New records of *Atholus* beetle species (Coleoptera, Histeridae) from Tanzania

## Новые данные по жесткокрылым рода *Atholus* (Coleoptera, Histeridae) Танзании

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**Key words:** Coleoptera, Histeridae, *Atholus*, Tanzania, Zanzibar, distribution of species.

**Ключевые слова:** Coleoptera, Histeridae, *Atholus*, Танзания, Занзибар, распространение видов.

**Abstract.** Three Histeridae beetle species, *Atholus confinis* (Erichson, 1834), *A. erichsoni* Lundgren in Johnson et al., 1991 and *A. somali* (Lewis, 1885) are recorded from Tanzania and Zanzibar for the first time.

**Резюме.** Представлена информация о трёх новых (*Atholus confinis* (Erichson, 1834), *A. erichsoni* Lundgren in Johnson et al., 1991 и *A. somali* (Lewis, 1885)) видах жуков рода *Atholus* семейства Histeridae для Танзании и Занзибара.

Genus *Atholus* C. Thomson, 1985 includes 78 species [Secq, 2000; Gomy, 2011; Mazur, 1997, 2011, 2013], which are distributed in Holarctic (Palearctic and Nearctic region), Paleogene (Afrotropical, Indo-Malaysian, Madagascar and Polynesian region), and Neogene (Neotropical and Caribbean region). Beetles of this genus inhabit decomposing plant material, dead animals, excrements and dung. Up to the present 3 species of the genus *Atholus* have been noted on the territory of Tanzania (*Atholus arcatus* (Lewis, 1908), *A. bimaculatus* (Linnaeus, 1758) and *A. kuyiteni* Kanaar, 1983) [Mazur, 1997].

The material for this study was collected in 2014 in Tanzania (Zanzibar). In total, more than 2.500 specimens of the family Histeridae were collected and processed, only 22 specimens of which belonged to the genus *Atholus*. The main collection methods were: manual method, sieving of soil litter on a soil sieve, pitfall traps. All the materials are stored in the collection fund of the Department of Natural Sciences, Baranovichi State University (Belarus).

### *Atholus bimaculatus* (Linnaeus, 1758)

**Material.** Tanzania: Zanzibar, near v. Mwera, cow excrements, S 06.14421, E 039.27298, 31.I.2014, leg. Lundyshv D.S., Ryndevich S.K. — 1♀.

**Distribution.** Holarctic, Neogene (Argentina), Paleogene (India, Tenasserim, Chad, Tanzania, Yemen) [Mazur, 1997].

### *Atholus confinis* (Erichson, 1834)

**Material.** Tanzania: Zanzibar, near v. Uroa, cow excrements, S 06.07253, E 039.42526, 22.I.2014, leg. Lundyshv D.S., Ryndevich S.K., 1 specimen — 1♀; near v. Mwera, cow

excrements, S 06.14421, E 039.27298; 30.I.2014, leg. Lundyshv D.S., Ryndevich S.K. — 2♀; same data, 31.I.2014, leg. Lundyshv D.S., Ryndevich S.K. — 2♂♂; same data, 3.II.2014, leg. Lundyshv D.S., Ryndevich S.K. — 2♂♂, 2♀.

**Distribution.** Neogene (Cuba, Guadelupe, Puerto Rico, St. Vincent, Dominicana), Paleogene (Hawaii, tropical Africa) [Mazur, 1997], Holarctic (USA: Florida) [Tishechkin, 2010]. New species for Tanzania and Zanzibar.

### *Atholus erichsoni* Lundgren in Johnson et al., 1991

**Material.** Tanzania: Zanzibar, near v. Uroa, cow excrements, S 06.07253, E 039.42526; 22.I.2014, leg. Lundyshv D.S., Ryndevich S.K. — 1♂; same data, 25.I.2014, leg. Lundyshv D.S., Ryndevich S.K. — 1♂; same data, 7.II.2014, leg. Lundyshv D.S., Ryndevich S.K. — 1♀; near v. Mwera, cow excrements, S06.14421, E039.27298; 30.I.2014, leg. Lundyshv D.S., Ryndevich S.K. — 1♀; same data, 31.I.2014, leg. Lundyshv D.S., Ryndevich S.K. — 1♂, 1♀.

**Distribution.** Paleogene (RSA: Capland, tropical Africa) [Mazur, 1997]. New species for Tanzania and Zanzibar.

### *Atholus somali* (Lewis, 1885)

**Material.** Tanzania: Zanzibar, near v. Uroa, cow excrements, S 06.07253, E 039.42526, 22.I.2014, leg. Lundyshv D.S., Ryndevich S.K. — 1♂, 1♀; same data, 28.I.2014, leg. Lundyshv D.S., Ryndevich S.K. — 1♂; near v. Jendeli, cow excrements, S 06.17576, E 039.37071, 30.I.2014, leg. Lundyshv D.S., Ryndevich S.K. — 1♂, 2♀.

**Distribution.** Paleogene (Somali, Kenya, Ethiopia) [Mazur, 1997]. New species for Tanzania and Zanzibar.

As a result of the research, 4 species of the beetles of the genus *Atholus* of the family Histeridae were identified, 3 species of which are given for the first time for the fauna of Tanzania (*Atholus confinis*, *A. erichsoni* and *A. somali*). Thus, 6 *Atholus* genus species are noted on Tanzania territory.

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