

SHORT NOTES

Beetles (Coleoptera) Living in the Nests of *Lasius fuliginosus* (LATREILLE, 1798) (Hymenoptera: Formicidae) in Latvia

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Ant species *Lasius fuliginosus* is protected species in Latvia. No particular studies on myrmecophilic species of Coleoptera in the nests of *L. fuliginosus* has been previously made in Latvia. Only two beetle species are previously recorded from *L. fuliginosus* nests in Latvia - *Dendrophilus corticalis* (PK.) and *Amphotis marginata* (F.). Of them only the second one is an obligate myrmecophilic and is often observed in number inside and around nests of *L. fuliginosus* ants (Telnov & Kalniņš 2003, Telnov et al. 2006).

Soil and dry wood sample of ~20 dm³ has been taken from the old but still inhabited nest of *Lasius fuliginosus* (LATREILLE, 1798) situated at base of old growing *Salix* sp. willow in Central Latvia, Rīga district, Stopiņi parish, Dzidriņas village, near cross of streets Mežarāju and Dārza in moist deciduous forest on 18.04.2008, leg. D.Telnov. The sample has been placed on Berlese-Tulgren type funnel for 12 hours. In total, 38 beetle individuals of 12 species have been captured within this sample. These species are marked as “Dzidriņas, 18.04.2008” within the list. Two species of them - *Ptilium modestum* and *Gyrophypnus liebei* – has been recorded for the first time for Latvian fauna.

Additionally, one specimen of *Zyras funestus* (GRAVENHORST) and *Z. lugens* (GRAVENHORST) have also been collected by the author inside *L. fuliginosus* nest in River Puska valley, 21.07.2007, Rīga district, Ādaži NATURA2000 protected nature territory. These two species are marked as “Ādaži, 21.07.2007” within the list.

Coleoptera species found in Latvia inside nests of *Lasius fuliginosus* ants

In total, 15 species of Coleoptera belonging to four families are now registered from nests of *L. fuliginosus* ants in Latvia.

Ptiliidae

Ptenidium formicetorum KRAATZ, 1851 – Dzidriņas, 18.04.2008;

Ptilium modestum WANKOWICZ, 1869 – Dzidriņas, 18.04.2008, new species to Latvia;

Acrotrechis sitkaensis (MOTSCHULSKY, 1845) – Dzidriņas, 18.04.2008;

Cholevidae

Ptomaphagus sericatus (CHAUDOIR, 1845) – Dzidriņas, 18.04.2008;

Staphylinidae

Acrotona sylvicola (KRAATZ, 1856) – Dzidriņas, 18.04.2008;

Anotylus hamatus FAIRMAIRE, LABOULBÉNE, 1856 – Dzidriņas, 18.04.2008;

Gyrophypnus liebei SCHEERPELTZ, 1926 – Dzidriņas, 18.04.2008, new species to Latvia (previously recorded by Silfverberg 2004, but without any precise location data);

Proteinus atomarius ERICHSON, 1840 – Dzidriņas, 18.04.2008;

Quedius brevis ERICHSON, 1840 – Dzidriņas, 18.04.2008;

Zyras funestus (GRAVENHORST, 1806) – Ādaži, 21.07.2007; Dzidriņas, 18.04.2008;

Zyras humeralis (GRAVENHORST, 1802) – Dzidriņas, 18.04.2008;

Zyras laticollis (MÄRKEL, 1844) – Dzidriņas,
18.04.2008;

Zyras lugens (GRAVENHORST, 1802) – Ādaži,
21.07.2007;

Histeridae

Dendrophilus corticalis (PAYKULL, 1798) –
Telnov et al. 2005;

Nitidulidae

Amphotis marginata (FABRICIUS, 1781) –
Telnov & Kalniņš 2003, Telnov et al. 2006.

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