

Wood gnats or window-gnats (Insecta, Diptera, Anisopodidae) from caves of the Grand Duchy of Luxembourg

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Zusammenfassung

Von 2007 bis 2011 wurden in 82 Höhlen und künstlichen Hohlräumen des Großherzogtums Luxemburg Tiere

Abstract

From 2007 to 2011, animals were collected from 82 caves in the Grand Duchy of Luxembourg. Out of the 90,000

Résumé

Entre 2007 et 2011, 90 000 spécimens d' animaux ont été récoltés dans 82 cavités naturelles et artificielles

gesamt. Unter rund 90.000 gesammelten Tieren war 1 Exemplar der Fenstermücke *Sylvicola cinctus*.

individuals, 1 specimen of *Sylvicola cinctus* was found.

du Grand-Duché de Luxembourg, parmi lesquels un exemplaire de *Sylvicola cinctus*.

1 Results

Sylvicola cinctus (Fabricius, 1787)

Only one male of *Sylvicola cinctus* was caught with a net in the Aïsgrött at about 30 meters distance from the entrance.

The family Anisopodidae is rather cosmopolitan, occurring in arboreal habitats ranging from tropical to cold-temperate climates. Anisopodid larvae are terrestrial saprophages living in decaying organic matter (Michelsen 1999). Some species of Anisopodidae are found in caves - *Sylvicola annuliferus* in Brazil (Pinto-da-Rocha 1993). Weber (2012) reported about some Anisopodidae in German caves, but they are not determined to species level.

Sylvicola cinctus itself is a widely distributed species, found in Europe, North Africa, some of the islands in Atlantic Ocean, introduced to

Hawaiian Islands (Thompson & Rogers 1992), so it's occurrence in Luxembourg could have been anticipated. Based on Fauna Europaea; this is a new addition to the fauna of Luxembourg.

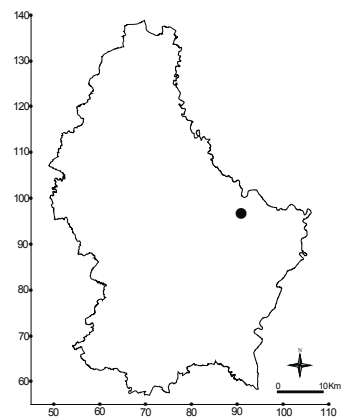


Fig. 1: Caves with *Sylvicola cinctus* in Luxembourg.

2 Acknowledgments

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3 References

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