

# Flutter-wing flies (Insecta, Diptera, Pallopteridae) 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. Within 90,000

## Résumé

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

gesamt. Unter den rund 90.000 gesammelten Tieren waren 2 Exemplare der Zifferfliege *Palloptera umbellatarum*.

individuals, 2 specimen of *Palloptera umbellatarum* were found.

Grand-Duché de Luxembourg, parmi lesquels deux exemplaires de *Palloptera umbellatarum*.

## 1 Results

### *Palloptera umbellatarum* (Fabricius, 1775)

Only two specimens – one male and one female – of *Palloptera umbellatarum* were caught in Grassebiertunnel with a net in distances of 105 and 205 meters from the entrance respectively.

Adult Pallopteridae are usually found on flowers, larvae are saprophagous, coprophagous or phytophagous (Séguy 1934). *P. umbellatarum* is widely distributed in Europe (Merz 2011) so it had to be found in Luxembourg eventually.

Based on Merz (2011), this is a new species to fauna of Luxembourg.

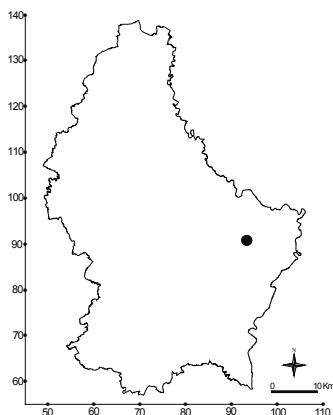


Fig. 1: Caves with *Palloptera umbellatarum* in Luxembourg.

## 2 Acknowledgments

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## 3 References

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