

KURZMITTEILUNGEN

***Isodontia mexicana* (SAUSSURE, 1867) (Hymenoptera: Sphecidae), a new neozoon in Austria.** *Isodontia mexicana* (SAUSSURE, 1867) (Hymenoptera: Sphecidae), ein neues Neozoon in Österreich

On June 7, 2003 a male specimen of the digger wasp *Isodontia mexicana* has been discovered by Franz Seyfert on a small path on the southwestern slope of the Eichkogel near Mödling in Lower Austria. It is the first record of this species for Austria. *Isodontia mexicana* is an American species, which is distributed in the United States of America, in Mexico, and in parts of Central America and has been introduced to Hawaii and Europe (BITSCH & al. 1997). The first published record from Europe is from southern France and dates from September 1960, but it has been supposed that *I. mexicana* has been introduced during World War II with debarkment of US military troops in 1944 (KELNER-PILLAUT 1962). Confirmed records from other countries follow much later: from Spain in 1986 (HAMON & al. 1988, TUSSAC & VOISIN 1989, BITSCH & al. 1997), from Italy in 1985 (SCARAMOZZINO & PAGLIANO 1987, GAYUBO & BORSATO 1991, NEGRISOLO 1995, GUSENLEITNER 1996), from Croatia before 1994 (SCHMID-EGGER & SCHMIDT 1994, GUSENLEITNER 1996), from Slovenia in 1990 (GOGALA 1995), from southern Switzerland in 1994 (VERNIER 1995), and finally from Baden-Württemberg in Germany in 1997 (WESTRICH 1998).

The distance between the new locality in Lower Austria and the next known locality in Slovenia is remarkable (ca. 200 km). Either *Isodontia mexicana* has so far been overlooked in the southern parts of Austria, or the species possesses the ability to overcome long distances in an extremely short time. If the latter is true, the recent expansion of territory – about ten years after reaching Slovenia and Friuli – probably has been favoured by the warm weather during the last years. In eastern Austria, increasing populations can be observed in several native species of Sphecinae, most obviously in *Sceliphron destillatorium* (ILLIGER, 1807), *Sphex funerarius* GUSSAKOVSKIJ, 1934, *Prionyx kirbii* (VANDER LINDEN, 1827), and *Podalonia hirsuta* (SCOPOLI, 1763). It will be interesting, if *Isodontia mexicana* can establish strong, permanent populations in Austria in a similar way as *Sceliphron curvatum* (SMITH, 1870) has done, another sphecid “alien”, which is now widely distributed in Austria (see RABITSCH 2002 and references cited there). Recently, a third alien sphecid has been newly recorded from Austria: the originally North American digger wasp *Sceliphron caementarium* (DRURY, 1773) (GUSENLEITNER 2002).

In Austria, *Isodontia mexicana* can be easily recognized in the field by its large body (length 15 - 18 mm), completely black body and appendages, and greyish wings. For differences with congeners from southern Europe see BITSCH & al. (1997).

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Neue Nachweise von *Peleteria varia* (FABRICIUS, 1794) (Diptera: Tachinidae) aus Niederösterreich und dem Burgenland, Österreich.

New records of *Peleteria varia* FABRICIUS, 1794, (Diptera: Tachinidae) from Lower Austria and Burgenland, Austria.

Peleteria varia FABRICIUS, 1794 wird für Mitteleuropa als sehr selten eingestuft (TSCHORSNIG & HERTING 1994). Häufiger ist diese Raupenfliege aus der Unterfamilie Tachininae, Tachinini, in Südeuropa anzutreffen. Ihre Verbreitung reicht in Europa von der mediterranen Region nach Norden bis nach Österreich (Wiener Becken) und Ungarn (HERTING 1960, 1984, HERTING & DELY-DRASKOVITS 1993). Weitere Funddaten

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Zeitschrift/Journal: [Beiträge zur Entomofaunistik](#)

Jahr/Year: 2003

Band/Volume: [4](#)

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Artikel/Article: [Isodontia mexicana \(SAUSSURE, 1867\) \(Hymenoptera: Sphecidae\), a new neozoon in Austria. 115-116](#)