

Eiseniona sineporis (OMODEO, 1952) (Lumbricidae, Annelida) new for South Tyrol (Prov. Bolzano, Italy)

In November 2016 the first record of *Eiseniona sineporis* for South Tyrol was made. It was found in the Senges Valley next to the village of Mauls/Mules on 1500 m beneath a stone (27.11.2016; N 46.88636 E 11.5395; leg. A. Hilpold, det. J. Seeber). The habitat was a very light mixed larch forest along a small river with rather poor litter coverage. The earthworm was killed and fixed in 70% ethanol, and stored in the collection of the Museum for Nature South Tyrol (Bolzano/Bozen, Italy; EVV 2).

Eiseniona sineporis was first described from northeastern Italy (OMODEO 1952). The recognition of the genus *Eiseniona* is controversial (cf. BLAKEMORE 2008, DÍAZ COSÍN et al. 2014) and *E. sineporis* is partly treated within the genera *Aporrectodea* (e.g. STOJANOVIĆ & KARAMAN 2005) and *Allolobophora* (e.g. ZICSI 1982). We follow Fauna Europaea (ROTA 2013) and treat it within *Eiseniona*.

Former findings in the Alps derive mainly from the South-East. In the Alps it was found so far in the Italian provinces of Belluno and Treviso (ZICSI 1981, PAOLETTI et al. 2016), in Austria and Slovenia (ZICSI 1982). Further findings outside the Alps are reported from Hungary (ZICSI 1982) and Serbia (STOJANOVIĆ & KARAMAN 2005).

The finding is the westernmost to date and it is the one that lies deepest within the Alps and closest to the Alpine divide. Whilst all other findings lie in areas with a dominance of sedimentary substrates, this one is located in an area with metamorphic rocks.

Eiseniona sineporis is the 22nd earthworm species recognized so far for South Tyrol (cf. FLORAFAUNA SÜDTIROL 2014–).

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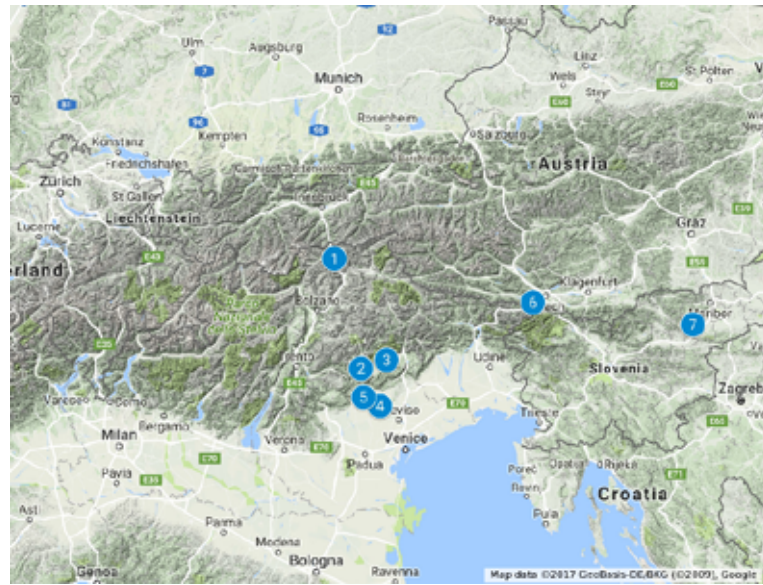
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Table 1: citations for *Eiseniona sineporis* (OMODEO, 1952) in the Alps

NR. IN MAP	COUNTRY	REGION, PROVINCE; LOCALITY	REFERENCE	COORDINATES (APPROXIMATE)
1	Italy	Trentino-Alto Adige/Südtirol; Senges valley, next to Mauls/Mules	present publication	46°53'11"N 11°32'22"E
2	Italy	Veneto, Belluno; Passo d'Aune	ZICSI 1981	46°03'34.92"N 11°49'44.4"E
3	Italy	Veneto, Belluno; Sedico	ZICSI 1981	46° 7' N, 12° 6' E
4	Italy	Veneto, Treviso; Montello next to Montebelluna	PAOLETTI et al. 2016	45°46'31"N 12°02'20"E
5	Italy	Veneto, Belluno; Piedi del M. Pizzocco, sopra Paderno	OMODEO 1952	45° 50' N, 11° 51' E
6	Austria	Carinthia; Seltschach bei Arnoldstein	ZICSI 1982	46° 33' N, 13° 42' E
7	Slovenia	Podravska; Oplotnica	ZICSI 1982	46° 23' N, 15° 27' E

Figure 1: distribution of *Eiseniona sineporis* (OMODEO, 1952) in the Alps. The numbers refer to Table 1.



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