

First record of *Dikerogammarus villosus* (Amphipoda, Gammaridae) and *Jaera istri* (Isopoda, Asselota) from the Slovak-Hungarian part of the Danube river

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Dikerogammarus villosus (Sowinski, 1894)

Material examined: Main channel of the Danube river, river km 1840 (7969b) (= grid reference number of the Databank of the fauna of Slovakia), 20 Apr., 1995, 1 Nov., 1995, 3 July, 1996, 30 Oct., 1996, 20 Aug., 1997, 15 Oct., 1997; Bodické rameno – an artificial filled arm (originally parapotamon type of arm of the Danube floodplain area), river km 1830 (8070 b), 1 Nov., 1995, 20 Aug., 1997, 15 Oct., 1997. All det and coll. F. Šporka. First records from Slovakia.

Distribution: Pontocaspian region, Danube river (CĂRĂUȘU, 1955; PINKSTER, 1978; STAROBOGATOV, 1995).

Jaera istri (Veuille, 1979)

Material examined: Main channel of the Danube river, river km 1840 (7969 b), 11 Apr., 1996, 30 Oct., 1996, 20 Aug., 1997, 15 Oct., 1997; Bodické rameno – an artificial filled arm (originally parapotamon type of arm of the Danube floodplain area), river km 1830 (8070 b), 15 Oct., 1997, det. and coll. F. Šporka. First records from Slovakia.

Distribution: *J. istri* is known from Romania and Austrian-German parts of the Danube (VEUILLE, 1979).

Note: based on the examination of previously found specimens which were identified as *Jaera sarsi* (Valka-

nov, 1936) we conclude that only *J. istri* occurs in the Slovak-Hungarian stretch of the Danube.

The substrate of the sampling localities is gravel with admixture of sand. In the samples also *Dikerogammarus bispinosus* Martynov, 1925 and *Dikerogammarus haemobaphes* (Eichwald, 1841) were recorded.

References

- CĂRĂUȘU, S., DOBREANU, E. & MANOLACHE, C. 1955. Fauna republicii populare Romine – Crustacea, Vol. 4, Amphipoda. Editura Academiei Republicii Populare Romine, 407 pp.
- PINKSTER, S. 1978. Amphipoda, pp. 244–253. In: ILIES, J. (ed.) Limnofauna Europea, G. Fischer Verlag, Stuttgart.
- STAROBOGATOV, Ya. I. 1995. Vysshie raki. In: TSA-LOLIKHIN, S. J. (ed.) Opredelitel' presnovodnykh bespozvonochnykh Rossii i sopedel'nykh territorii, Tom 2, Rakoobraznye. Sankt-Peterburg, 627 pp.
- VEUILLE, M. 1979. L'évolution du genre *Jaera* Leach (Isopodes; Asselotes) et ses rapport avec l'histoire de la Méditerranée). Bijdragen tot de Dierkunde. **49**: 195–217.