

Branchiobdellida (Annelida: Clitellata) Found in the Crayfish Collection of the Natural History Museum in Vienna, Austria, with a Re-description of *Branchiobdella papillosa* NESEMANN & HUTTER, 2002

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Abstract: Eighty-one samples containing 361 crayfishes from the Crustacea Collection of Natural History Museum in Vienna, Austria, were examined for branchiobdellids (crayfish worms). Branchiobdellids were present in 64 samples: worms and cocoons in 33 samples, only worms in six and cocoons only in 25. A total of 240 crayfish worms were recovered and those well preserved were identified: *Branchiobdella astaci* ODIER, 1823, *Branchiobdella parasita* (BRAUN, 1805), *Branchiobdella pentodonta* WHITMAN, 1882, *Branchiobdella hexodonta* GRÜBER, 1882 and *Branchiobdella balcanica* MOSZYNSKI, 1937, with *B. astaci* being reported for the first time from Austria, Slovenia, Slovakia, and Ukraine. *Branchiobdella* cocoons were found on crayfish from European Turkey and the first records of *Branchiobdella kozarovi* SUBCHEV, 1978 on *Astacus leptodactylus* ESCHOLTZ, 1823 in northwest Asian Turkey and eastern Kazakhstan were reported. Two paratype specimens of *Branchiobdella papillosa* NESEMANN & HUTTER, 2002, from the museum were mounted and a microscopical re-description of the species was made.

Key words: European, *Branchiobdella*, distribution, re-description *B. papillosa*