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INTERMEDIATE HOSTS OF THE CESTODE HYMENOLEPIS ERINACEI (GMELIN, 1790)

During the examinations of beetles (Coleoptera) for larval stages of helminths, 499 beetle specimens belonging to 19 species were dissected. The studies were carried out at the locality Klec (southern Bohemia) in 1975. A survey of the beetle species examined is given below.

Species	Number	Positive for cysticercoids of <i>H. erinacei</i>
<i>Carabus hortensis</i> L.	14	—
<i>Pterostichus niger</i> Schall.	1	—
<i>Pterostichus vulgaris</i> (L.)	1	—
<i>Pterostichus oblongopunctatus</i> (F.)	2	—
<i>Agonum assimile</i> (Payk.)	1	—
<i>Geotrupes stercorarius</i> (L.)	3	—
<i>Oeceoptoma thoracica</i> (L.)	89	14
<i>Necrophorus humator</i> F.	90	2
<i>Necrophorus vespillo</i> L.	8	—
<i>Necrophorus vespilloides</i> Herbst	143	10
<i>Necrophorus interruptus</i> Steph.	30	2
<i>Necrophorus investigator</i> Zett.	30	2
<i>Necrodes litoralis</i> (L.)	30	—
<i>Saprinus semistriatus</i> Sch.	32	1
<i>Philonthus politus</i> (Panz.)	19	—
<i>Creophilus maxillosus</i> (L.)	2	—
<i>Ontholestes murinus</i> (L.)	4	—
<i>Aleochara tristis</i> Grav.	2	—
<i>Catops</i> sp.	1	—

Cysticercoid of the cestode *Hymenolepis erinacei* were found in 6 of the above species. In addition to the known intermediate hosts, *Oeceoptoma thoracica*, *Necrophorus humator*, *Necrophorus vespilloides*, *N. vespillo*, *N. interruptus*, *Silpha carinata*, *S. obscura* and *G. stercorosus*, referred to in previous papers (Prokopič J., Folia parasit. (Praha) 18: 27—32, 1971, Prokopič J., Acta Sci. Nat. Brno 6: 1—68, 1972, Prokopič J., Bílý S., Věst. čs. spol. zool. 39: 224—230, 1975), we have found further two species of intermediate hosts hitherto not reported in the literature. These are *Necrophorus investigator* Zett. (Silphidae) and *Saprinus semistriatus* Sch. (Histeridae).

The member of the family Histeridae has been found for the first time as an intermediate host of *Hymenolepis erinacei*. Only the developmental stages of *Hymenolepis cariocae* Magal., *Railletina cesticillus* Mollin, *Choanotaenia infundibulum* Bloch and *Spirocerca lupi* Rud. have been reported in other papers to infect the representatives of the family Histeridae.

The species *Necrophorus investigator* has not been reported previously to serve as an intermediate host of helminths.

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