

Four new xiphidio cercariae from *Melanopsis praemorsa* Snails in Jordan
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Abstract

Four new xiphidio cercariae from *Melanopsis praemorsa* Snails in Jordan were discovered and named *Cercaria melanopsis* X, *Cercaria melanopsis* XI, *Cercaria melanopsis* XII, *Cercaria melanopsis* XIII.

Cercaria melanopsi X, *Cercaria melanopsi* XI, *Cercaria melanopsi* XII, *Cercaria melanopsi* XIII. The glandular system of *Cercaria melanopsi* X is made up of three pairs of penetration glands on both sides of the body and a total of 26 flame cells are found symmetrically distributed on both sides of the body, but are absent in the tail. *Cercaria melanopsi* XI has three pairs of penetration glands on both sides of the body and around the acetabulum and a total of 22 flame cells are found symmetrically distributed on both sides of the body, but are absent in the tail. *Cercaria melanopsi* XII has 22 flame cells arranged symmetrically on both sides of the body. *Cercaria melanopsi* XIII has 18 flame cells arranged symmetrically on both sides of the body.

r, 1987 Four new xiphio cercariae from
Melanopsis praemorsa Snails in Jordan . *Jpn .J. Parasitol* ,
vol.36,NO,3,135-141.