



Research No.	4
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Three strigeid cercariae from *Littorina littoria* snail, Qarun lake, Fayoum, Egypt

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Abstract:

Aim:The present study aims to focus on the role of common marine snails (*Littorina littorea*) as a vector for some trematode parasites. **Materials and**

Methods: A total of 327 marine water *L. littorea* snails were collected during the summer of 2016 from a Qarun lake in the EL-Fayoum Governorate, Egypt. The snails were investigated for infection by trematode parthenitae through induction of cercarial shedding by exposure to light and crushing the snails. The species were stored in Search Laboratory of Zoology Department, Faculty of Science, Fayoum University.

Results:Three species of *Strigeid littorina cercaria* were identified from the infected snails. They are described here and they identified in relation to close-up morphological features and linked to its snail hosts. They give the following names: *Cercaria strigeid littorina* type 1, *C. strigeid littorina* type 2, and *C. strigeid littorina* type 3. The incidence of infection by these cercariae was 33%, 25.7%, and 2.4%, respectively. **Conclusion:** This study is clarifying the importance of this marine snail as intermediate hosts for new trematode species.

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