

# **Survey of fresh water snails for detecting their role in transmitting trematode Parasites in water canals in Al-Fayoum governorate, Egypt**

Thesis Submitted for Partial fulfillment of Master Degree in medical parasitology

BY

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M.B.B.Ch

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### **Abstract**

Freshwater snails have significant consideration as they may act as intermediate hosts of several parasitic infections. This study was conducted in Al- Fayoum Governorate. Eight different watercourses were involved in the study between spring of 2018 to winter 2019. All the physical and some chemical parameters were measured and human water contact activities were recorded. The collected snails were morphologically identified and examined for their natural trematode infection. Our results revealed eleven types of fresh water snails in the chosen watercourses. From the eleven species only five snails were naturally infected with trematodes.