

RESEARCH ON DEVELOPMENT OF OVIDUCT FLUKE LARVAE IN DUCK IN INTERMEDIATE HOST (DRAGONFLY LARVAE)

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Summary

The result of experimental infection of cercaria (in *Bithinia siamensis* snail-Intermediate host 1) for 3 species of dragonfly larvae (*Orthetrum sabina*, *Orthemis ferruginea* and *Diplocodes trivialis*) show that cercariae infected dragonfly larvae. After that, the organs of larvae become to be clearer and more completed. Some larvae have developed completely after 5 days, the larvae rolled up and formed metacercariae in host's muscle. After the day 8 the all larvae formed metacercariae. Metacercariae are round, they is covered by the thick shell. The size of metacercariae is about 380-400 μm . The above result affirmed dragonflies (*Orthetrum sabina*, *Orthemis ferruginea*, *Diplacodes trivialis*) were the sencond intermediate hosts of Oviduct fluke in duck.

Keywords: Larvae, dragonfly, freshwater snail, Oviduct fluke, intermediate host.