

**EFFECT OF STARVATION ON THE GLYCOGEN RESERVES IN
CHICOREUS VIRGINEUS AND *RAPANA RAPIFORMIS*
(NEOGASTROPODA: PROSOBRANCHIA)**

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ABSTRACT

The utility of glycogen reserves during prolonged periods of starvation in muricid gastropods, *Chicoreus virgineus* and *Rapana rapiformis*, was studied in the laboratory in relation to weight and glycogen level of the foot, mantle, adductor muscle and digestive gland. Weight and glycogen levels decreased more in the mantle than in other organs of both species. *C. virgineus* survived up to 157 days, and *R. rapiformis* up to 150 days without consuming any feed. Females died a few days earlier than males.