

Taxonomic revision of *Elimia christyi* and *E. interrupta* (Mollusca: Caenogastropoda: Pleuroceridae)

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Abstract

An examination of museum material indicated that the lectotypes of *Goniobasis christyi* Lea, 1862 and *G. instabilis* Lea, 1862, along with recent collections of putative *Elimia interrupta* (Haldeman, 1840), represent a new species separate from *E. interrupta*, *sensu stricto*. We propose the name *E. christyi* for the new species, and provide re-descriptions of it and *E. interrupta*.

Key words: Mollusca, Pleuroceridae, *Elimia*, new species, redescription

Introduction

Elimia interrupta (Haldeman, 1840) has long been recognized as a valid and distinct species (Haldeman 1840; Wheatley 1845; Jay 1852; Brot 1862; Reeve 1860; Tryon 1864, 1873; Goodrich 1940; Burch and Tottenham 1980; Dillon 1992). Haldeman (1840) briefly described *Melania interrupta* and listed the type locality as Tennessee. As a precursor to his larger monograph, Tryon (1864) placed *M. interrupta* in the genus *Goniobasis* and included *G. ornatella* Lea, 1862 as a synonym. Later, Tryon (1873) listed *G. christyi* Lea, 1862 and *G. instabilis* Lea, 1862 as synonyms of *G. interrupta* and synonymized *G. ornatella* under *G. formosa* (Conrad, 1835). Goodrich (1940) placed *G. interrupta* in its own species group, gave the distribution as the Hiwassee River in North Carolina and eastern Tennessee, and suggested the species had a Gulf Coast origin. This was the first published record of *G. interrupta* in the Hiwassee River. Baker (1964) questioned whether a type