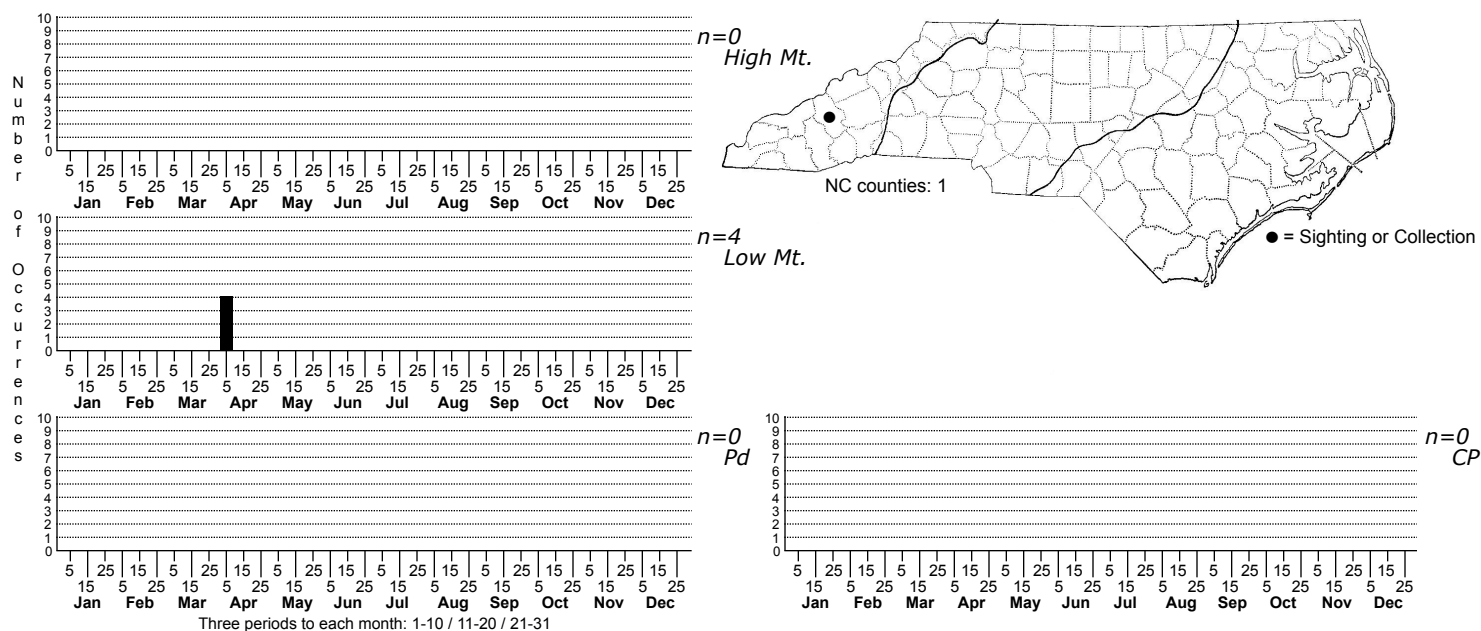


# Doryphoribius doryphorus



FAMILY: Doryphoriidae

TAXONOMIC COMMENTS: Morphologically indistinguishable from species originally discovered in Sicily. No molecular evidence for further comparisons.

SPECIES COMMENTS: Freshwater. Apparently cosmopolitan species, but only recorded in Colorado and the Smokies in USA.

ID COMMENTS: Small, with maximum size of 200  $\mu\text{m}$ , colorless, smooth cuticle and eyes in posterior position. Ventral mouth, without peribuccal lamellae; forehead sloped. Buccal tube with reinforcement bar, 25  $\mu\text{m}$  long, and about 2.3  $\mu\text{m}$  wide, in specimens of 107  $\mu\text{m}$ . The buccal tube, observing the animal in profile, is curved (see Fig. 152, B); slender stylets, furcae sufficiently developed. Pharynx oval, with length to width ratio equal to about 1.2-1.3:1. Apophyses well developed and 2 macroplacoids (wide rods); the 1st is almost twice as long as the 2nd and has a slight central constriction (in a 107  $\mu\text{m}$  specimen the 1st placoid measures 4.6  $\mu\text{m}$ , the 2nd about 2.4  $\mu\text{m}$ ). Isohypsibius type slender doubleclaws, but relatively large size, with respect to that of the body; principal branch with two thin accessory points; the doubleclaws of each leg not very different in shape and size; the external is scarcely a little larger than the internal. Eggs are unknown.

-Ramazzotti & Maucci 1983

DISTRIBUTION: Please refer to the dot map.

HABITAT: Stream sediment.

OBSERVATION METHODS: PC and DIC microscopy.