



## Louisiana Department of Wildlife and Fisheries Natural Heritage Program

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### *Diplectrona rossi* A Net-spinning Caddisfly.

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No photo available

**Identification:** \*\*No warts on thorax. \*Caddisflies are slender, elongated insects; 4-winged, holds together over body like a roof; long, slender legs. Larvae: Similar to a caterpillar.

**Measurements\*:** 1.5 – 25 mm in length.

**Taxonomic comments:** No recognized subspecies.

**Status:** Global rank is undetermined and state rank is S1.

**Habitat:** Small artesian springs.

**Range:** The range of this species is not fully understood and only includes Louisiana.

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**Food habits\*:** Some species of larvae eat only plant materials while others are predators.

**Reproduction:** \*\*Larval case is cup-shaped with the open end facing upstream. \* When ready to hatch, the larvae attach their cases to the underside of stones and use their mandibles to cut their way out. Pupae then crawl out of the water and molt to become adults.

**Reason for decline\*:** Degradation of water quality can have a huge impact on the ability of these species to survive.

**Known distribution in Louisiana:** none recorded

**Dates of documented observations are:** none recorded

#### References

Borror, D.J., and R.E. White. 1970. A field guide to insects of America and north of Mexico. Houghton Mifflin Company, New York, N.Y.

NatureServe Explorer: An online encyclopedia of life [web application]. 2002. Version 1.6. Arlington, Virginia, USA: NatureServe. Available: <http://www.natureserve.org/explorer>. (Accessed: June 19, 2003).