

## SCIENTIFIC NOTES

*EURYLOPHELLA TEMPORALIS* (EPHEMEROPTERA:  
EPHEMERELLIDAE), A CASE OF SYNONYMY

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While I was restudying my specimens of *Eurylophella trilineata* (Berner 1946) in preparation for a revision of my out-of-date monograph, "The Mayflies of Florida" (Berner 1950), I became convinced more than ever that the species is synonymous with *E. temporalis* (McDunnough 1924). Further, as I compared the Florida forms with northern *temporalis* which I had collected in Minnesota, I concluded that I was dealing with a single species. My southeastern specimens of *E. doris* (Traver 1934), I am now sure, are also *E. temporalis*. The 3 species, *temporalis*, *doris*, and *trilineata*, were distinguished on the basis of rather trivial color differences which, in my opinion, are not sufficiently distinctive to warrant specific rank.

When Traver described *E. doris*, she mentioned that she had specimens from the Withlacoochee River in Georgia. As the river is a tributary of the Suwannee and joins it in northern Florida, the same region from which *trilineata* was described, it is obvious that I was in error in believing that my specimens represented a new species.

Allen and Edmunds (1963) had virtually reached the conclusion that the 3 species are synonymous but they refrained from taking the action of assigning a single name until additional material was available for study. I now take that action in equating the names *Eurylophella doris* (Traver) and *E. trilineata* (Berner) with *E. temporalis* (McDunnough).

## REFERENCES CITED

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