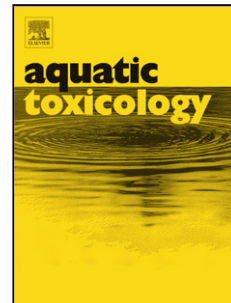


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Stoichiometric responses to nano ZnO under warming are modified by thermal evolution in *Daphnia magna*

Running head: evolutionary stoichiometric responses to nZnO

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Highlights

- Effects of nZnO and warming were tested on *Daphnia* body stoichiometry.
- Recent *Daphnia* subpopulation evolved a higher heat tolerance.
- nZnO only reduced the C:P and N:P ratios at 24°C in the recent subpopulation.
- Stoichiometric changes decoupled with macromolecules changes.
- Thermal evolution modified the stoichiometric responses to nZnO under warming.

Abstract

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