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## ACCEPTED MANUSCRIPT

FEMALES OF THE ANNUAL KILLIFISH Austrolebias reicherti (CYPRINODONTIFORMES: RIVULIDAE)
RECOGNIZE CONSPECIFIC MATES BASED UPON CHEMICAL CUES

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### Highlights

- Females A. reicherti discriminate for conspecifics based on olfactory cues
- Discrimination was lost when olfactory cues were not available
- Austrolebias are a promising model to investigate on chemical communication

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