



Mojave National Preserve efforts to improve the status of the Mohave tui chub

Desert Managers Group

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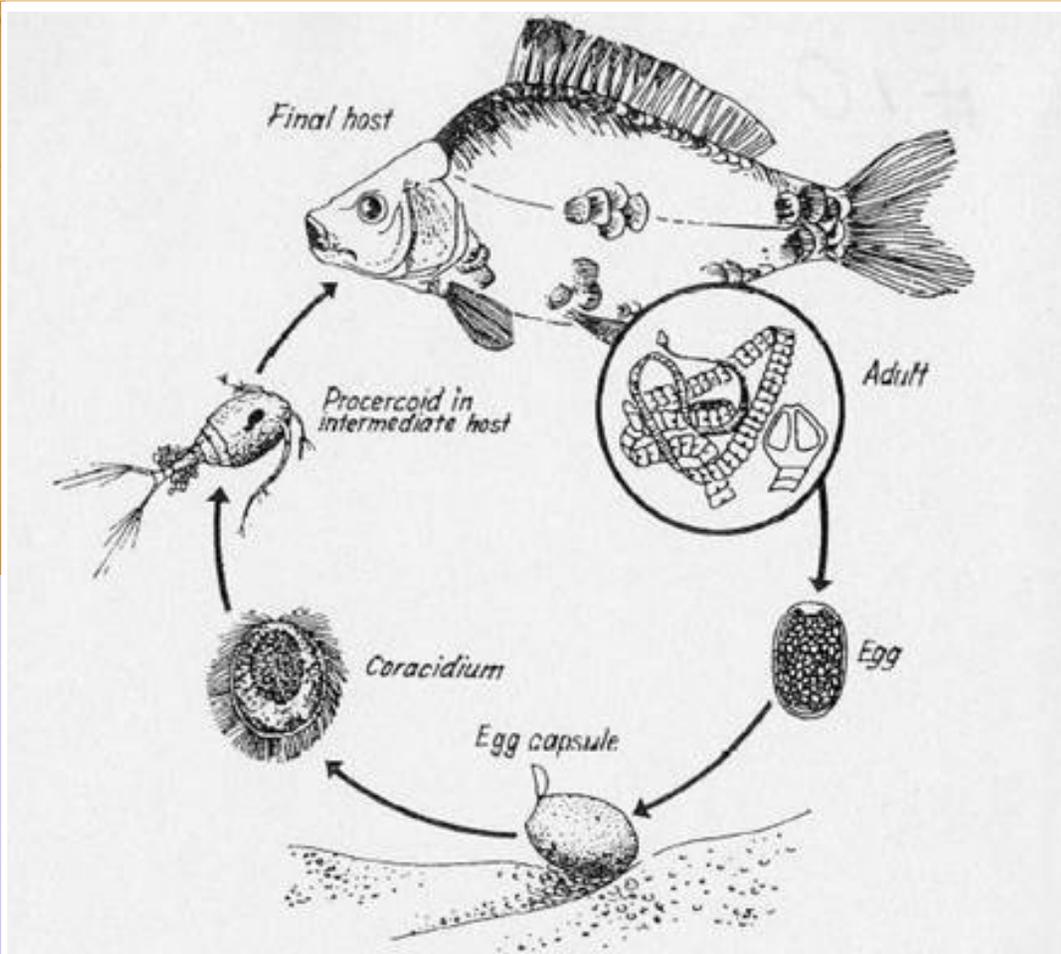
Mohave, California



Effects of Asian Tapeworm and Mosquitofish



The Asian tapeworm cycles between a copepod and fish intestines. Fish infection prevalence and intensity increase with water temperature.



The combination of Asian tapeworm and mosquitofish reduced Mohave tui chub growth in a laboratory environment but neither affected mortality directly. Fish are most infected in late summer and may be completely free of intestinal tapeworms in the winter and early spring.





Lake Ecology and Population Dynamics

How lake dredging and mosquitofish might affect nutrients, invertebrate community, and water quality.

Planned hybridization experiments between Mohave tui chub and Arroyo chub in aquaria and a small outdoor pond at the Desert Discovery Center in Barstow.



A photograph of a mine pit lake. The water is dark and still, reflecting the sky. The shoreline is rocky and uneven, with patches of green grass and reeds growing along the edge. In the background, a steep, rocky cliff face rises above the water. The overall scene is arid and rugged.

**Planned introduction into the Morningstar
Mine pit lake on Mojave National Preserve**

For downlisting we need three new populations:



The Lewis Center
in Apple Valley



Morningstar Mine in
Mojave National Preserve

and

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