



Benton gave a brief update on the four native freshwater mussel species in the Colorado River basin that are under consideration for listing under the Endangered Species Act. A proposal decision is expected this fall. LCRA is currently discussing a Candidate Conservation Agreement with Assurances with the U.S. Fish and Wildlife Service.

Lastly, Benton informed stakeholders that all of the Highland Lakes are now infested with zebra mussels. LCRA continues to monitor their spread and population dynamics.

Stream Diatom and Macroinvertebrate Community Thresholds in Response to Stressors of Concern in the Austin Metropolitan Area – *Mateo Scoggins and Andrew Clamann, City of Austin Watershed Protection Department*

The City of Austin contracted with Dr. Ryan S. King at Baylor University to conduct this research. The objective of this study was to evaluate diatom and macroinvertebrate assemblage responses to stressors (i.e. impervious cover, flow permanence, total phosphorus, total nitrogen, specific conductance). The goal was to establish criteria that are protective of the desired ecologic condition. The method utilized by this study was the Threshold Indicator Taxa Analysis (TITAN), which identifies taxa-specific and assemblage level change in frequency and abundance relative to each variable.

For more details on this study, please refer to the presentation (available [here](#)).

Algae in the Highland Lakes – *Anthea Fredrickson, LCRA Water Quality Protection*

Please view the presentation slides [here](#). For the most up-to-date information on algae in the Highland Lakes, please visit lcra.org/algae.

Non-Profit Partner Updates

Presentations focused on 2020-2021 activities were provided by the following non-profit organizations working in the realm of water resource protection in the Colorado River basin:

- Austin Youth River Watch – Chanel Davis
- Hill Country Alliance – Daniel Oppenheimer
- Colorado River Alliance – Adrienne Longenecker
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For further information on their presentations, please view the links at <https://www.lcra.org/water/quality/texas-clean-rivers-program/public-outreach/> under “Basin-Wide Virtual” meetings.