


**EAST BAY REGIONAL PARK DISTRICT  
BOARD NATURAL & CULTURAL RESOURCES COMMITTEE  
AGENDA STAFF REPORT**

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<b>DATE</b>	February 25, 2025
<b>TITLE</b>	Shrimp on the Rocks, Endangered Species and Diversity in California Rock Pools
<b>DIVISION</b>	Acquisition, Stewardship, and Development
<b>FROM</b>	Matt Graul, Division Lead of Stewardship Ken Wysocki, Assistant General Manager of Acquisition, Stewardship & Development
<b>APPROVED</b>	Sabrina Landreth, General Manager 

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**RECOMMENDATION**

This item is for informational purposes only.

**BACKGROUND**

Wildlife Program Manager Doug Bell, PhD will provide an overview of vernal rock pool ecology emphasizing the federally listed Longhorn Fairy Shrimp (*Branchinecta longiantenna*) and its relationship to other rock pool species, including the vernal pool fairy shrimp (*Branchinecta lynchi*).

This informational presentation will provide an overview of results from the Park District's multi-year research on the Longhorn Fairy Shrimp, funded by the Bureau of Reclamation's Central Valley Project Conservation Program. Based on extensive surveys at Vasco Caves Regional Preserve and nearby public and private lands, our team of researchers studied habitat requirements and characterized biotic and abiotic parameters important for this endangered species of fairy shrimp. Thanks to a grant from the Park District's 30x30 program, we are identifying next steps for possible propagation and restoration of Longhorn Fairy Shrimp to rock pools in our region to ensure population viability of this exceptionally rare species into the future.

**ATTACHMENTS**

None.