



2950 PERALTA OAKS COURT P.O. BOX 5381 OAKLAND CALIFORNIA 94605-0381 T: 1-888-EBPARKS F: 510-569-4319 TRS RELAY: 711 WWW.EBPARKS.ORG

NATURAL AND CULTURAL RESOURCES COMMITTEE

August 17, 2016

12:30 p.m.

**EBRPD – Peralta Oaks Headquarters
2950 Peralta Oaks Court
Oakland, CA 94605**

The following agenda items are listed for Committee consideration. In accordance with the Board Operating Guidelines, no official action of the Board will be taken at this meeting; rather, the Committee's purpose shall be to review the listed items and to consider developing recommendations to the Board of Directors.

A copy of the background materials concerning these agenda items, including any material that may have been submitted less than 72 hours before the meeting, is available for inspection on the District's website (www.ebparks.org), the Headquarters reception desk, and at the meeting.

Public Comment on Agenda Items

If you wish to testify on an item on the agenda, please complete a speaker's form and submit it to the recording secretary. Your name will be called when the item is announced for discussion.

Accommodations and Access

District facilities and meetings comply with the Americans with Disabilities Act. If special accommodations are needed for you to participate, please contact the Clerk of the Board at 510-544-2020 as soon as possible, but preferably at least three working days prior to the meeting.

AGENDA

<u>TIME</u>	<u>ITEM</u>	<u>STATUS</u>	<u>STAFF</u>
12:30PM	1. Paleontological Site Database by University of California Museum of Paleontology	I	Ortiz/Poust
1:00PM	2. Drought Stress on Trees and Climate Change within East Bay Regional Park District	I	Bartosh
1:30PM	3. Rare Plant Surveys at Black Diamond Mines	I	Hammond
1:45PM	4. Mt. Diablo Buckwheat: History and New Discoveries	I	Bartosh
2:00PM	5. Open Forum for Public Comment <i>Individuals wishing to address the Committee on a topic not on the agenda may do so by completing a speaker's form and submitting it to the recording secretary.</i>	D	Dir. Lane

Future Meetings: November 16

- (R) Recommendation for Future Board Consideration
- (I) Information
- (D) Discussion

Natural and Cultural Resources Committee Members

Beverly Lane (Chair), Whitney Dotson, John Sutter (Alternate) Diane Burgis (Alt.) Bob Nisbet, Staff Coordinator
(Distribution list on following page)



AGENDA SUMMARY

1. Paleontological Site Database by University of California Museum of Paleontology (Ortiz)

Cultural Services Coordinator Beverly Ortiz and UC Berkeley Graduate Student Ashley Poust will provide an overview of the contents of a database being created by staff of the University of California Museum of Paleontology (UCMP) that will document all of the paleontological sites located on or near District parklands.

2. Drought Stress on Trees and Climate Change within East Bay Regional Park District (Bartosh)

California experienced a millennial-scale drought during 2012-2015. During this time, an extreme loss of canopy water content affected important plant functions such as light interception and growth and in some cases resulted in mortality. This short presentation will summarize the results of recent statewide studies on this phenomenon and provide a local context. A brief discussion of impacts to local terrestrial vegetation resulting from climate change highlighting climate change losers and winners will also be presented.

3. Rare Plant Surveys at Black Diamond Mines (Hammond)

Rare plants are an important part of the District's mission to preserve and enhance biodiversity within our parkland. Black Diamond Mines Regional Preserve is a hot spot for rare plants and spring wildflower displays because of its unique geology and climate regime. The update of the Land Use Plan for Black Diamond Mines includes a focused rare plant survey throughout the new and old properties within the preserve.

4. Mt. Diablo Buckwheat: History and New Discoveries (Bartosh)

One of the most charismatic native plant species endemic to the East Bay is Mount Diablo buckwheat (*Eriogonum truncatum*). However, this plant has been seldom seen by botanists since its discovery in the 1860s and was actually considered extinct during much of the 20th century. The short presentation will summarize the discovery, distribution, resurrection, and recent observation of a new population at Black Diamond Mines Regional Preserve in 2016.

5. Open Forum for Public Comment (Dir. Lane)

Individuals wishing to address the Committee on a topic not on the agenda may do so by completing a speaker's form and submitting it to the recording secretary.