



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

**March 30, 2017**

**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](http://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>
12:30 PM	1. Western Snowy Plover ( <i>Charadrius alexandrinus nivosus</i> ) Nest Site Selection and Oyster Shell Enhancement	I	Riensché
1:00 PM	2. The Conservation of Jewel Lake’s Sacramento Perch	I	Porter
1:30 PM	3. Curation of EBRPD Field Finds and Donations	I	Ortiz/Montano/ Collins
2:00 PM	4. Discuss Future Agenda Topics	I	Nisbet
2:30 PM	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

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

Board of Directors

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Future Meetings: May 17<sup>th</sup>, August 16<sup>th</sup>, and November 15<sup>th</sup>

**Natural and Cultural Resources Committee Members**

Dee Rosario (Chair), Whitney Dotson, Beverly Lane, Ellen Corbett (Alt.)

Bob Nisbet, Staff Coordinator

(Distribution list on following page)

## AGENDA SUMMARY

1. Western Snowy Plover (*Charadrius alexandrinus nivosus*) Nest Site Selection and Oyster Shell Enhancement (Rienschke)

The Pacific Coast population of Western Snowy Plovers (*Charadrius alexandrinus nivosus*) is federally listed as Threatened and is as a California Species of Special Concern. To manage, increase in number, and expand the distribution of these imperiled birds in the San Francisco Bay requires detailed knowledge about their nest site selection requirements. We measured the percentage of crushed oyster shells, shell dimensions, number of shells, and total shell surface area for 24 nests of Western Snowy Plover that occurred at the Least Tern Colony at Hayward, California, from 2008 to 2016. Using pairwise t-tests, we compared these measurements to those obtained from 24 randomly chosen non-nest sites. Results indicate that Western Snowy Plovers at this location select nest sites with a greater percentage of crushed oyster shell substrate, more oyster shells, and a greater surface area of shells than paired random sites.

2. The Conservation of Jewel Lake’s Sacramento Perch (Porter)

EBRPD’s Fisheries Department has been cooperating with multiple agencies to preserve the unique strain of native Sacramento perch found in Jewel Lake. Perch were rescued from Jewel Lake in 2014, relocated to multiple locations and now EBRPD is part of an effort to breed them in captivity and continue to monitor their success. The future of Sacramento perch depends on collaboration among State and local agencies, Universities, non-profit organizations, private landowners and EBRPD, all of whom are working toward the goal of a statewide conservation program.

3. Curation of EBRPD Field Finds and Donations (Ortiz/Montano/Collins)

Cultural Services Coordinator Beverly Ortiz, Administrative Analyst II Brenda Montano, and Black Diamond Mines Supervising Naturalist Kate Collins will provide an overview of the District’s procedures for accessioning, cataloguing, and archiving its field finds and donations.

Board of Directors

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Ward 6

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4. Discuss Future Agenda Topics (Nisbet)

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

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