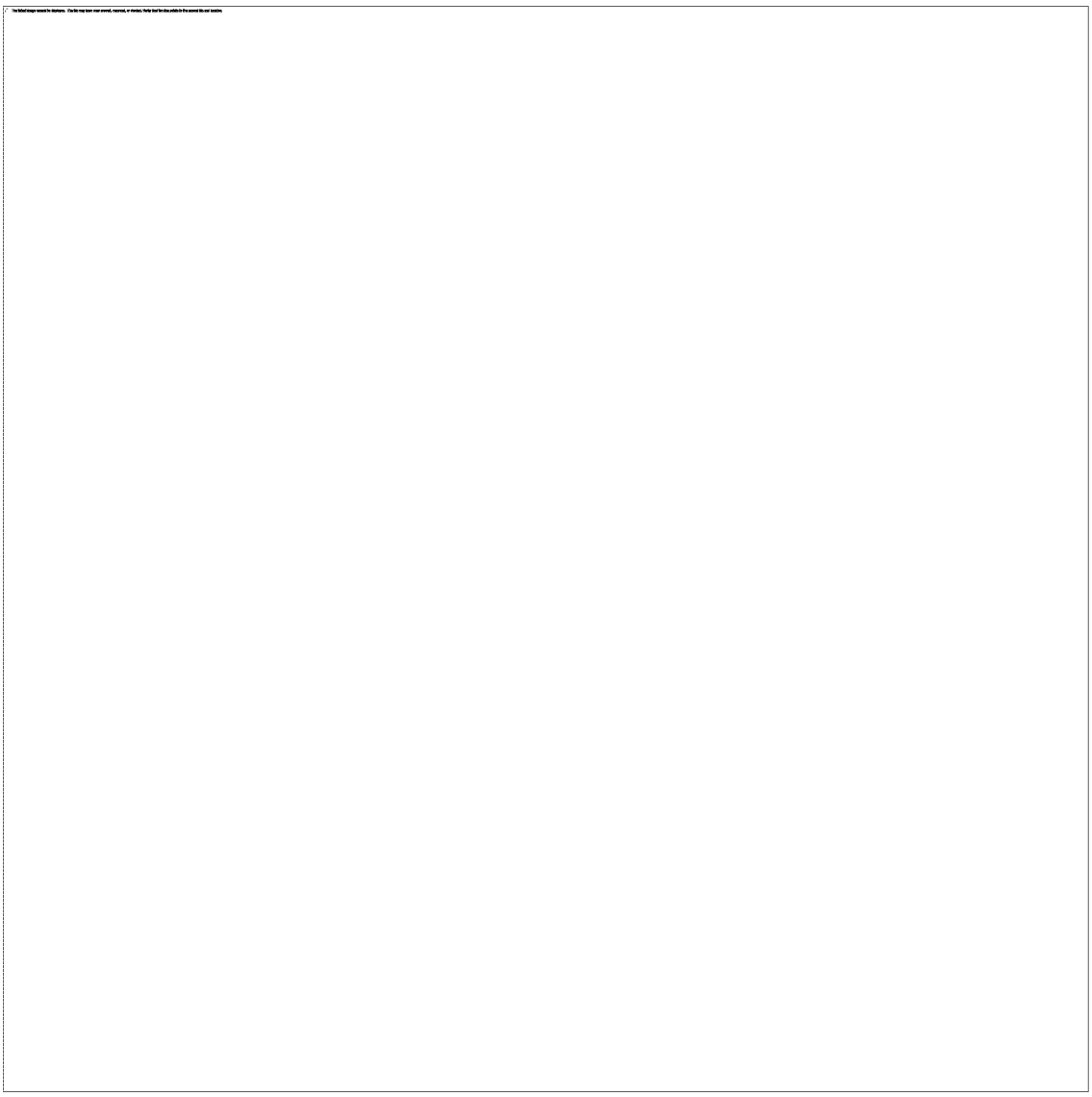
Message

From: Land Veritas Mitigation Banks [bankmanager@landveritas.com]
Sent: 6/25/2019 5:00:58 PM
To: Mahdavi, Sarvy [Mahdavi.Sarvy@epa.gov]
Subject: Alluvial Fan at Elizabeth Lake Receives Outstanding CRAM Score

Alluvial Fan at Elizabeth Lake Receives Outstanding CRAM Score



Alluvial Fan at Elizabeth Lake Receives Outstanding CRAM Score

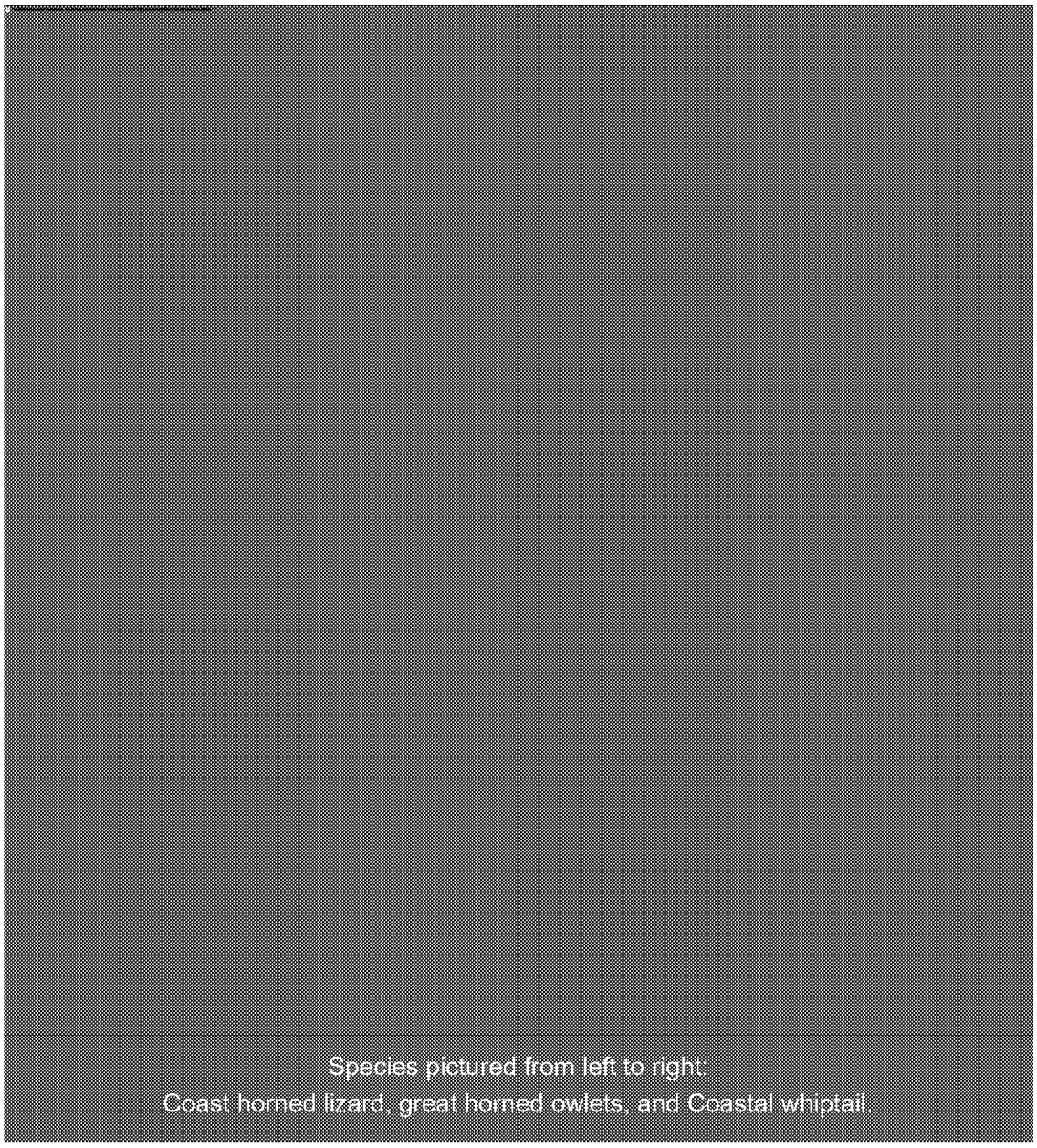
Sediment flow over the dam for the third year
in a row showing distinctive patterns on the landscape.

Every year, we monitor our Bank's habitats both qualitatively and quantitatively. This year, the alluvial fan at Elizabeth Lake received an impressive quantitative score; in fact it's one of the best scores our field staff has seen throughout the state!

Land Veritas uses the California Rapid Assessment Method (CRAM) as its quantitative assessment method, a common method used throughout California. A high CRAM score at the Alluvial Fan Restoration site means the site is

continuing to develop and is performing well from a physical, biological, hydrological, and buffer and landscape context perspective.

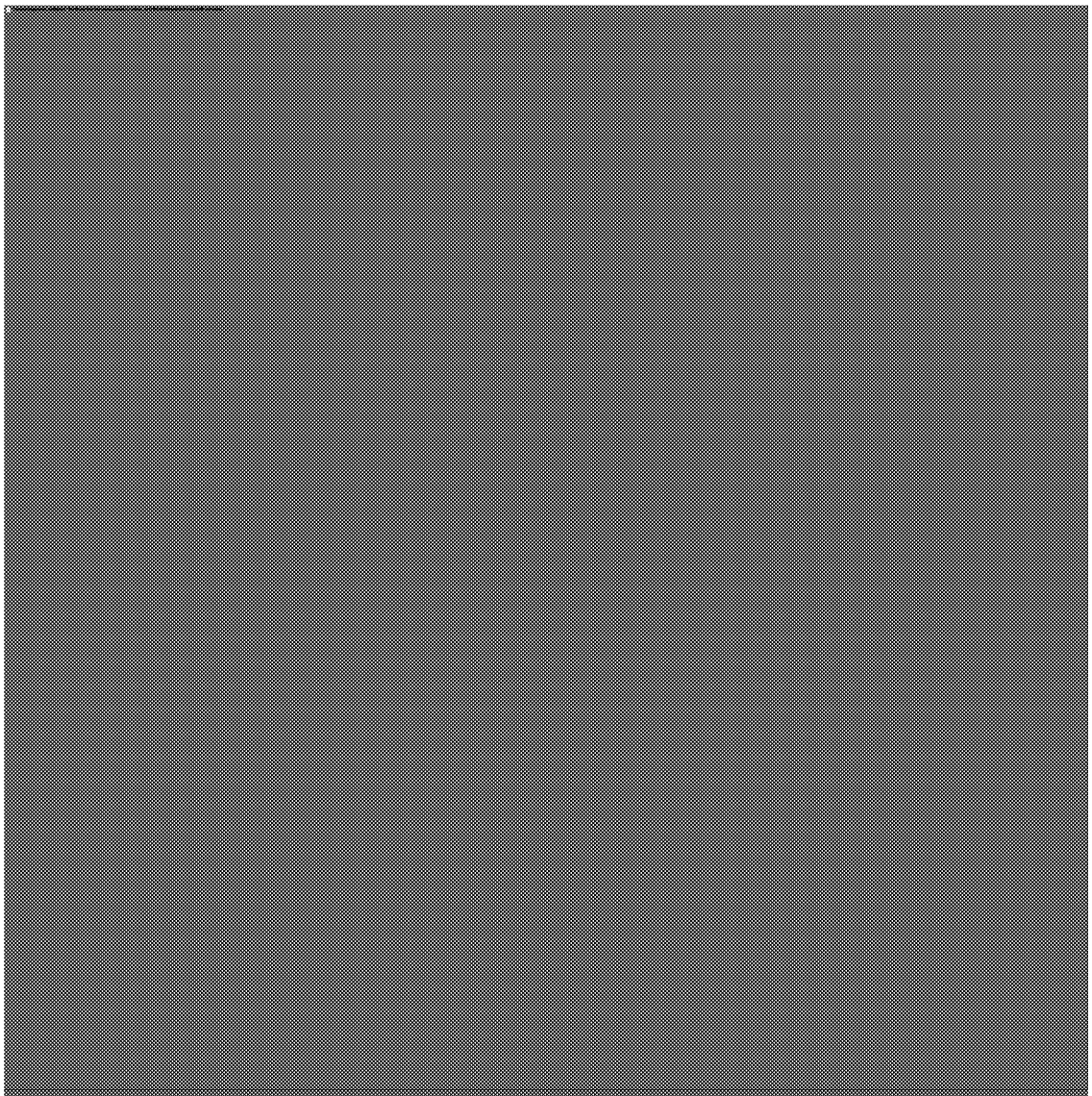
Wildlife at Petersen Ranch and Elizabeth Lake



Species pictured from left to right:
Coast horned lizard, great horned owlets, and Coastal whiptail.

Petersen Ranch and Elizabeth Lake are home to a diverse array of wildlife. Species observed at the bank include coast horned lizard, great horned owl, Coastal whiptail, Swainson's hawk, pronghorn sheep, Pacific pond turtle, and tricolored blackbird, amongst others. Recently, a few new species have been added to the list of wildlife heard or spotted at the bank. Mountain quail has recently been heard at both Petersen Ranch and Elizabeth Lake, and field staff recorded what may be a pallid bat call. Pallid bats are a California Department of Fish and Wildlife Special Species of Concern and their potential presence at the site is exciting news.

Summer at Soquel Canyon



Catalina mariposa lily blooms (left); water flowing through Soquel Canyon Creek (top right); walnut woodland planting area (bottom right).

Summer is in full effect at Soquel Canyon. Flowers are blooming, the walnut woodland planting areas are thriving, and water is flowing through Soquel Canyon Creek. It's always great news when native plants flourish, but this good news is amplified when rare species are observed. While monitoring this spring, field staff observed Catalina mariposa lily (Calochortus catalinae) in bloom at the Bank. Its presence at the Bank is especially noteworthy since this lily is not only beautiful, but is also a special-status rare plant species with a limited distribution in California, as noted by the California Native Plant Society. A perennial herb native to chaparral and cismontane woodlands, the Catalina mariposa lily is right at home in Soquel Canyon's thriving habitats.

Scheduling Tours Throughout 2019

Tours for both Petersen Ranch and Soquel Canyon are available throughout the summer and fall. If interested in visiting either Bank, tours can be scheduled by emailing: bankmanager@landveritas.com.

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