

STAFF SUMMARY FOR OCTOBER 7-8, 2015

15. CLIMATE CHANGE UPDATE**Today's Item****Information** **Action**

Receive presentations on efforts to address climate change and genomics in wildlife management.

Summary of Previous/Future Actions (N/A)**Background**

As follow-up to a presentation made to FGC in 2014 by Dr. Mark Gold, FGC will receive two sets of presentations on efforts to address impacts of climate change on California's wildlife. The first presentation will be about the efforts by DFW and the second is a set of speakers on how recent scientific developments may help wildlife managers.

1. California Department of Fish and Wildlife: Climate Change Adaptation
2. The Role of Conservation Genomics in Wildlife Management: An Update on Pertinent Research at UCLA

Introduction, Overview and Conclusion

Mark Gold, UCLA Associate Vice Chancellor of Environment and Sustainability

Desert Tortoises and Solar Development in the Mojave

Brad Shaffer, Professor in Ecology and Evolutionary Biology (EEB) and the Institute of Environment and Sustainability (IoES), Director of the LaKretz Center for California Conservation Science

Bird Genoscape Project - Pacific Flyway Migratory Birds

Tom Smith, Professor in EEB and IoES, Director of the Center for Tropical Research
Genomics of California Market Squid Samantha Cheng, Ph.D. student in EEB

The Use of Genomics for Poaching and Conservation Forensics

Robert Wayne, Professor in EEB Significant Public Comments (N/A)**Recommendation (N/A)****Exhibits (N/A)****Motion/Direction (N/A)**