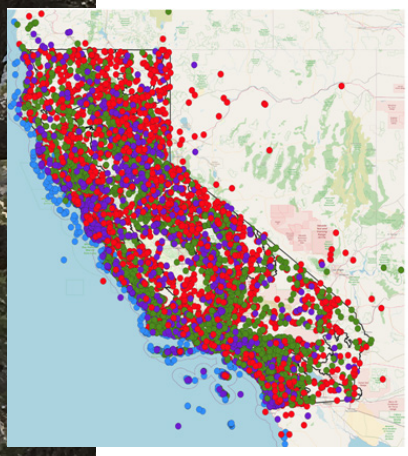
CONSERVATION LECTURE SERIES PRESENTS:

The California Conservation Genomics Project



PRESENTED BY:
Brad Shaffer, PhD

The California Conservation Genomics Project is a three-year initiative that will identify species, ecosystems and communities that together provide a summary of natural genetic variation across the 18 terrestrial ecoregions and entire coastline that comprise California. By collecting genomic data in a consistent way across taxa, we can create analysis pipelines that effectively combine data from 225 species and ~20,000 fully sequenced genomes to create the first comprehensive genomic map of the state. We will use this map to identify healthy and at-risk regions of the state, define barriers that define management units across species, and guide activities ranging from the placement of solar installations to the repatriation of confiscated plants and animals.

Presenter:
Brad Shaffer has been a faculty member, at UC Davis and UCLA, for 35 years, where he has applied genetic tools and analysis to the evolution, ecology, and conservation of California's rich, but declining reptiles and amphibians. He is the Founding Director of the UCLA LA Kretz Center for California Conservation Science, Director of the UC Stunt Ranch Reserve, and Distinguished Professor in the Department of Ecology and Evolutionary Biology and the Institute of the Environment and Sustainability at UCLA.

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Webinar only
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Questions? Contact: Whitney.Albright@wildlife.ca.gov