



State of California - Natural Resources Agency  
DEPARTMENT OF FISH AND WILDLIFE  
Wildlife Branch  
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Sacramento, CA 95811  
<https://www.wildlife.ca.gov>

**EDMUND G. BROWN JR., Governor**  
**CHARLTON H. BONHAM, Director**



December 2, 2016

## **Public Notice of Intent to Amend a Permit for Mountain Lion Research in California**

Legislation passed in 2012 requires the Department of Fish and Wildlife to notify the public at least 30 days prior to the issuance of a Scientific Collecting Permit (SCP) to qualified researchers desiring to conduct research on mountain lions.

The legislation is described in Section [4810 of the Fish and Game Code](#).

A summary of the proposed research is below. Copies of the DRAFT permit are available upon request to the Department. Please contact the California Department of Fish and Wildlife, Wildlife Branch- MOUNTAIN LION SCP at 1812 Ninth Street, Sacramento, CA 95811.

### **Prospective Scientific Collecting Permit Amendment Issued to:**

University of California, Santa Cruz, Wilmers Lab – Entity

Dr. Chris W. Wilmers, Ph.D. – Principal Investigator

### **Project Title:**

Siskiyou Deer and Mountain Lion Research Project – 2016 Mountain Lion Scientific Collection Permit

### **Executive Summary:**

This study is part of an agreement between the CDFW and the University of California, Santa Cruz (P1580031) aimed at understanding the contribution of mountain lion predation on observed population declines of mule and blacktailed deer in northern California (deer hunt zones B6 and X1 in Siskiyou County). The effect of mountain lion predation will be evaluated in 3 ways. First, diet of mountain lions will be determined based on kill site investigations of individual mountain lions fitted with satellite-enabled GPS collars. Second, mountain lion abundances will be estimated using both camera data and occupancy models based on collared individuals and detailed home range information. Finally, behavioral observations at kill sites will test the hypothesis that mountain lion predation rates on deer might be affected by competition with black bears.

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