

Notice of Exemption

To: Office of Planning and Research
PO Box 3044, 1400 Tenth Street, Rm 113
Sacramento, CA 95812-3044

From: California Department of Fish and Wildlife
Habitat Conservation Planning Branch
Native Plant Program
P.O. Box 944209
Sacramento, CA 94244-2090

Project Title: The role of fire-related cues in the germination response of Lassics lupine (*Lupinus constancei*) (Project)

Project Location: The Project will take place at the Wildland Fire Lab at Humboldt State University in Arcata.

Project Description: The California Department of Fish and Wildlife is issuing a permit (2081(a)-19-022-RP) to Madeleine A. Lopez, Jeffery M. Kane, and Erik S. Jules pursuant to Fish and Game Code section 2081(a) for a project to determine if fire contributes to increased germination of the state endangered plant Lassics lupine. The Project will involve assessing the germination response of Lassics lupine seeds after heat and smoke treatments in a laboratory. Lassics lupine seeds that will be used for the Project were collected by USDA Forest Service, Six Rivers National Forest personnel in the summer of 2019. The experiment will involve treating seeds with commercial liquid smoke diluted to 1:100 and 1:500 with distilled water, and heat shock treatments of 80°C for 1 hour, 100°C for 5 minutes, and 110°C for 5 minutes. 20 seeds will be used for each of the six possible treatments, resulting in a total of 120 Lassics lupine seeds used for the experiment.

California Public Agency Approving Project: California Department of Fish and Wildlife

Person or Agency Carrying Out Project: Madeleine A. Lopez, Masters Candidate, Humboldt State University]

Exempt Status:

- Ministerial;
- Declared Emergency;
- Emergency Project;
- Categorical Exemption. Type and section number: Section 15306, Class 6

Reasons why project is exempt: The Project consists of basic data collection for research on the effects of fire on a state-listed endangered plant species. The experiment will not result in any serious or major disturbances to the environment because seeds have already been collected by USDA Forest Service, Six Rivers National Forest personnel. The permit issued by the California Department of Fish and Wildlife for the Project includes measures to ensure that existing populations of Lassics lupine are not impacted.

Lead Agency Contact Person: Jeb Bjerke

Area Code/Telephone/ Extension: (916) 651 6594

Signature: 
Isabel Baer, Native Plant Program Manager

Date: January 22, 2020

Signed by Lead Agency

Date Received for filing at OPR: _____