

California Department of Forestry and Fire Protection
Boggs Mountain Demonstration
State Forest



Postfire Bird Occupancy Study

2017

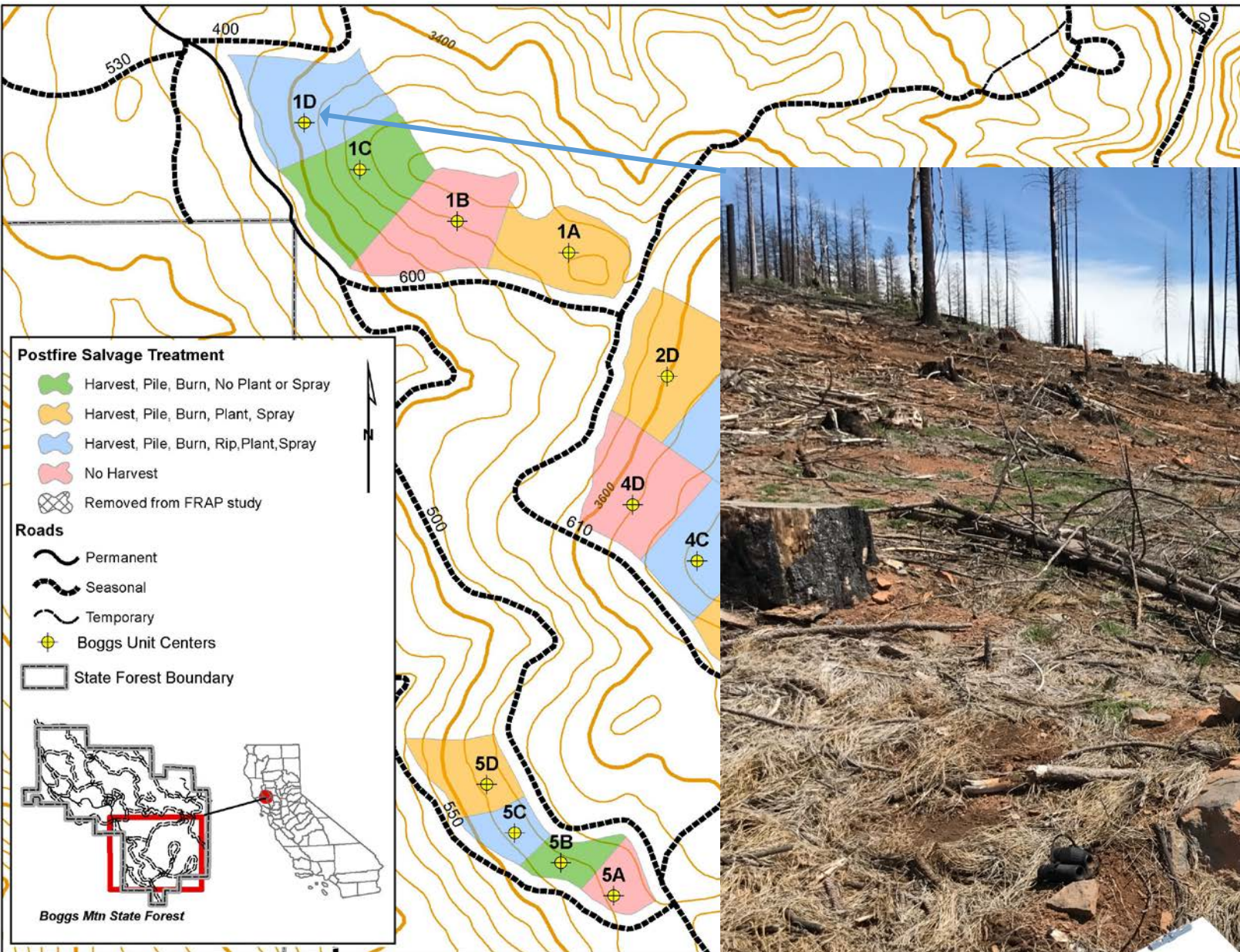


Boggs Mountain Demonstration State Forest Postfire/Post Salvage Bird Occupancy Study

- Valley Fire burned 99% of Boggs Mtn. DSF September 2015
- Deploy bird recorders spring 2017 - 2019
- Twelve bird recorders, capturing calls in:
 - FRAP plots - treatment sites (Total of 9)
 - Burned, no salvage (3)
 - Burned, salvaged, ripped, planted, herbicide sprayed (3)
 - Burned, salvage, no plant or spray (3)
 - Controls in areas of low intensity burn (Total of 3)
- Recording for three consecutive days:
 - 5 minutes a half hour before sunrise
 - 5 minutes at sunrise
 - 5 minutes a half hour after sunrise
- Biologist skilled in birding by ear will interpret recording results

Station 1D

Treatment – Harvest, Pile, Burn, Rip, Plant, Spray



North



West



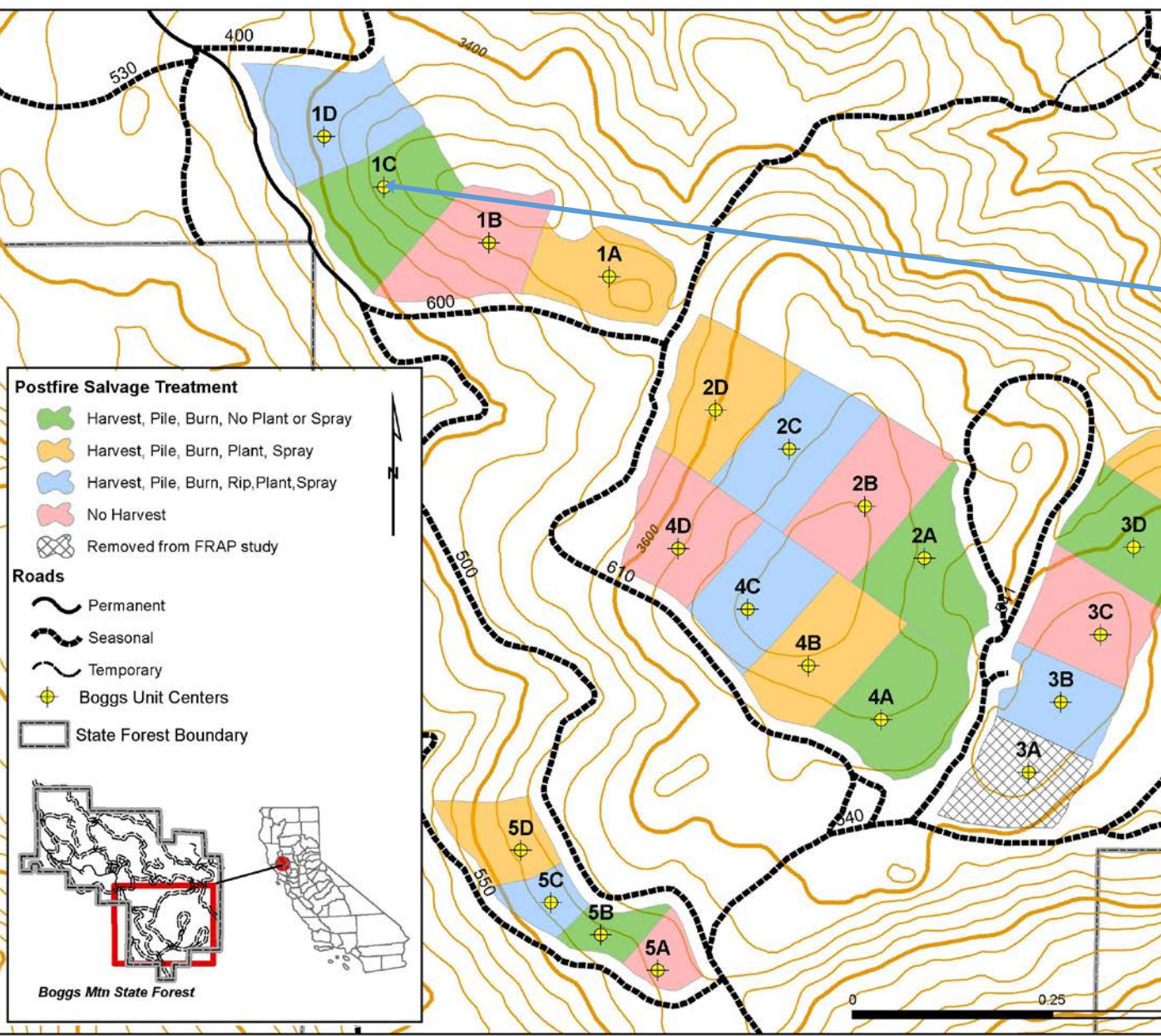
Station 1D



South



East



Station 1C
 Treatment – Harvest, Pile, Burn,
 No Plant or Spray

West



North



Station 1C



South

East



Station 1B
No Harvest

North



West



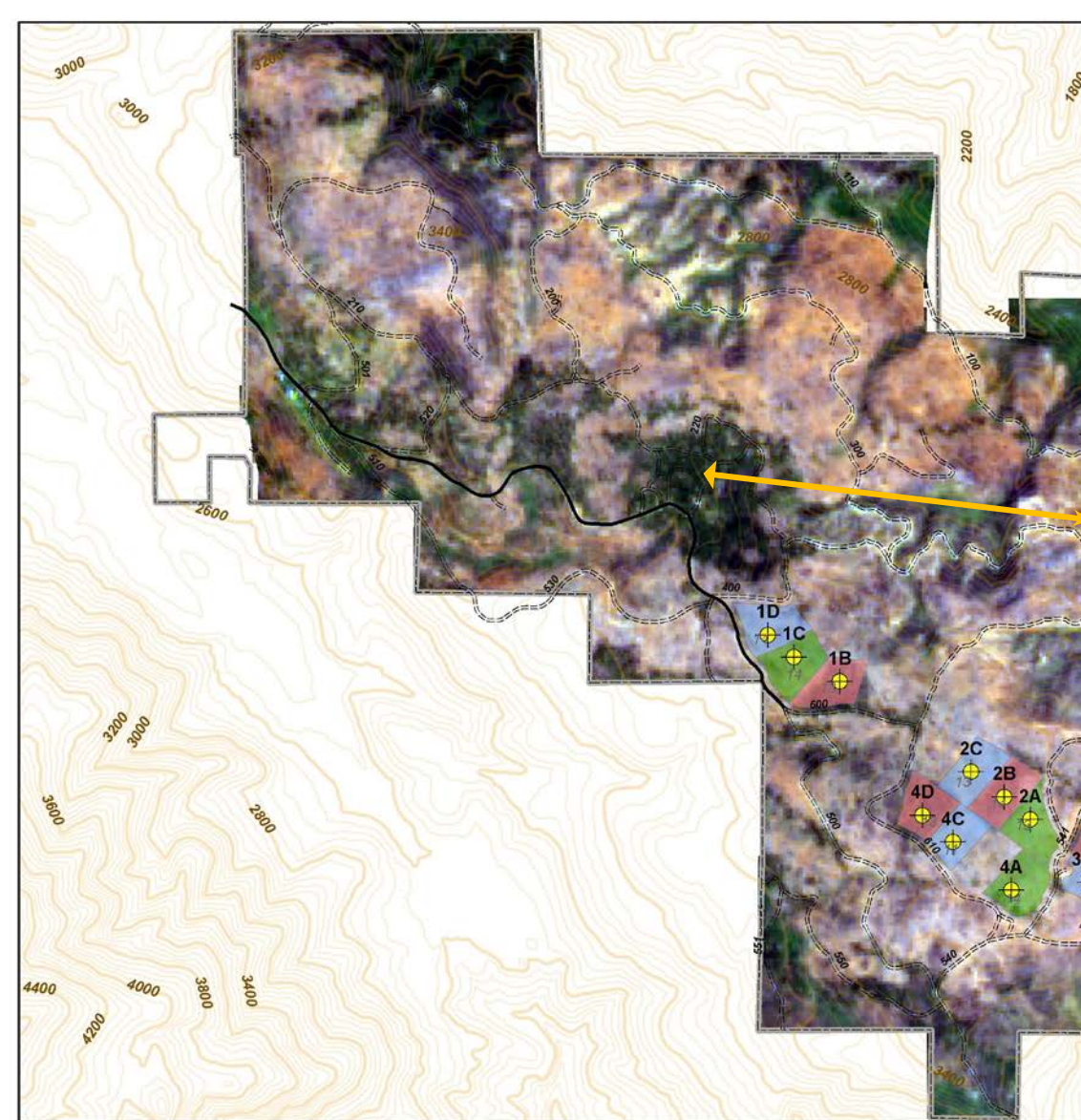
Station 1B



East

South





Control 1



West



North

Control 1



East

South



Birds Observed During Recorder Deployment May 24, 2017

- Dark eyed junco
- Raven
- Turkey Vulture
- American robin
- Several unidentified birds by audio

- Birds observed during stand search in abandoned Northern Spotted Owl Activity Center LAK0044:
 - Mountain chickadee
 - Raven
 - Northern flicker
 - Potential flycatcher or titmouse?