

# Pathogen Observations in Northwestern California: *Armillaria*

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## Armillaria spp. In CA

### *Armillaria mellea*

- Aggressive pathogen
- Agriculture, Urban, Forests

### *Armillaria gallica*

- Weak/opportunistic pathogen
- Forests, coast, mountains

### *Armillaria nabsnona*

### *Armillaria altimontana* (NABS X)

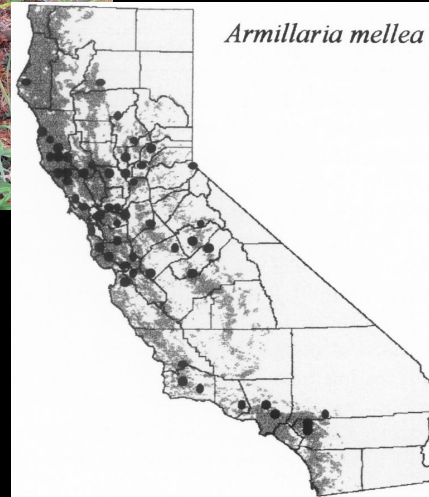
## Not found in CA

### *Armillaria ostoyae* (*solidipes*)

- Aggressive pathogen
- Found elsewhere in N. Am.



Baumgartner and Rizzo 2001



# Armillaria species in CA

- Surveys are currently underway in California (PNW, RMRS, FHP, CAL FIRE)
- Preliminary identification of samples from surveys indicate *Armillaria sinapina* may occur in CA, a species previously reported elsewhere in N. America but not California



