

# **True Mistletoe in White Fir Stands In the Central Sierra Nevada**

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# White Fir Mistletoe

## *Phoradendron pauciflorum*

- True photosynthetic parasitic plant
- Dioecious (male and female plants)
- Seeds mature in winter, spread by birds to other trees—even distant trees-- usually towards top of tree
- Slow maturing plant
- Can predispose WF to Cytospora, Fir Engraver Beetle (*Scolytis ventralis*)
- FEB kills 400 mmbf of WF annually during non-epidemic years in California
- True Mistletoe may kill some WF directly
- Infected WF has poor regeneration potential























# Thank You!

- Good Sources of information on Internet
- UC Berkeley/UCCE
- Blodgett Forest
- UC Davis/Center for Ecol. Health Research
- PSW / USDA FS
- CDF