



COLLEGE OF AGRICULTURE
AND LIFE SCIENCES

COOPERATIVE EXTENSION
Pinal County

Common Tree Problems and How to Recognize Them

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Good Tree Health Requires:

- Advanced planning
- Proper installation and training
- Correct pruning
- Good irrigation
- Timely nutrition
- Protection from pests and diseases



How to Recognize Problems

- Observe carefully
- Have a clear image of the healthy plant in mind
- Compare what you see with that image
- Make a list of options
- Select the most likely
- Decide on a course of action



Most Problems are Caused by Non Living Factors

- Heat or cold
- Sunlight or shade
- Soil compaction
- Lack of nutrients
- Salinity or caliche
- Water problems
- Physical damage
- Improper pruning



Diseases and Insects Can Also Be a Problem

- Heart rots
- Verticillium wilt
- Root rot fungi
- Crown gall
- Parasitic plants
- Nematodes
- Aphids
- Desert Prionid beetles
- Sapsuckers



Common Branch Problems



Common Root Problems



Common Disease Problems



Mistletoe: A Parasitic Plant



Dodder, A Parasitic Plant



Red-Naped Sapsucker



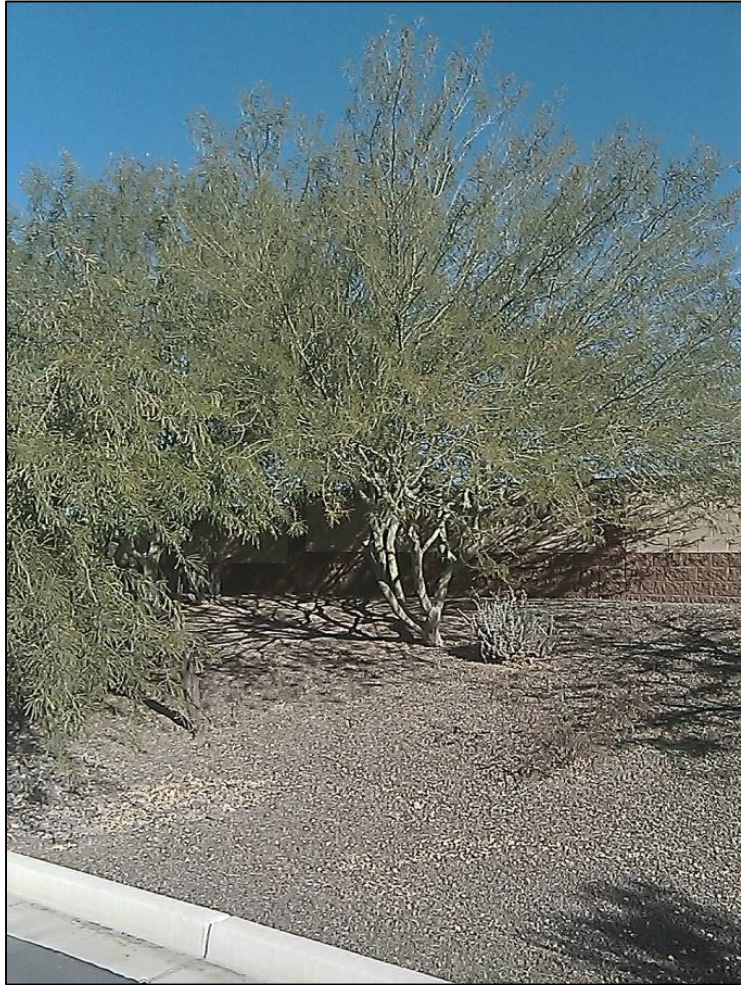
Typical Pine Problems



Mesquite



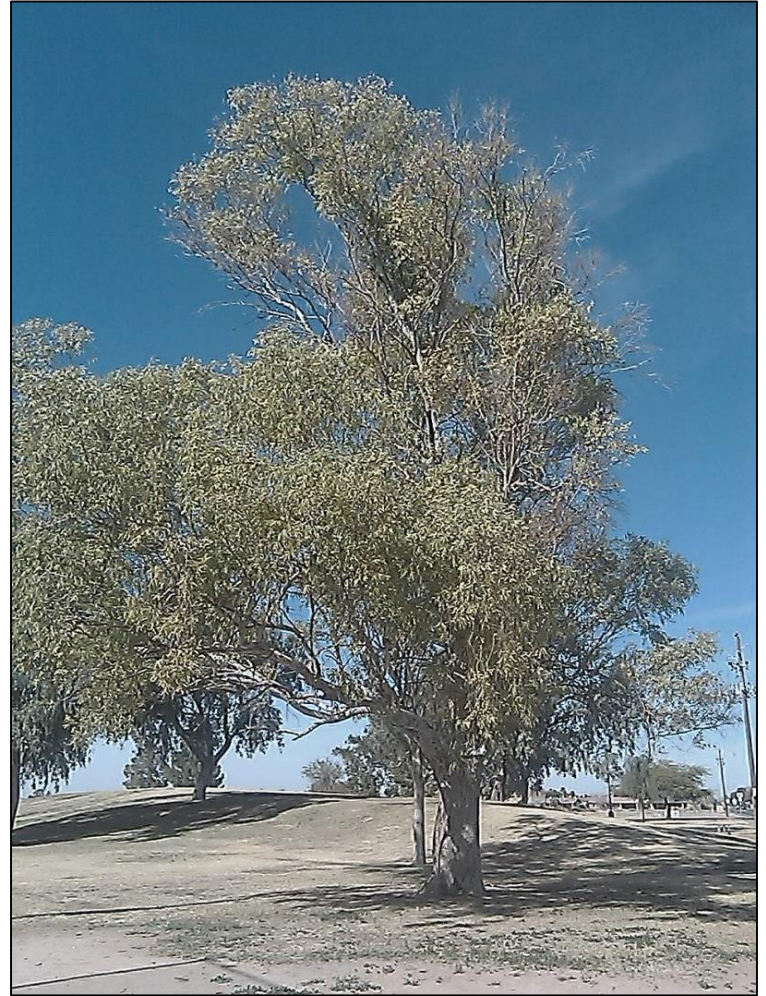
Palo Verde



Australian Bottle



Eucalyptus



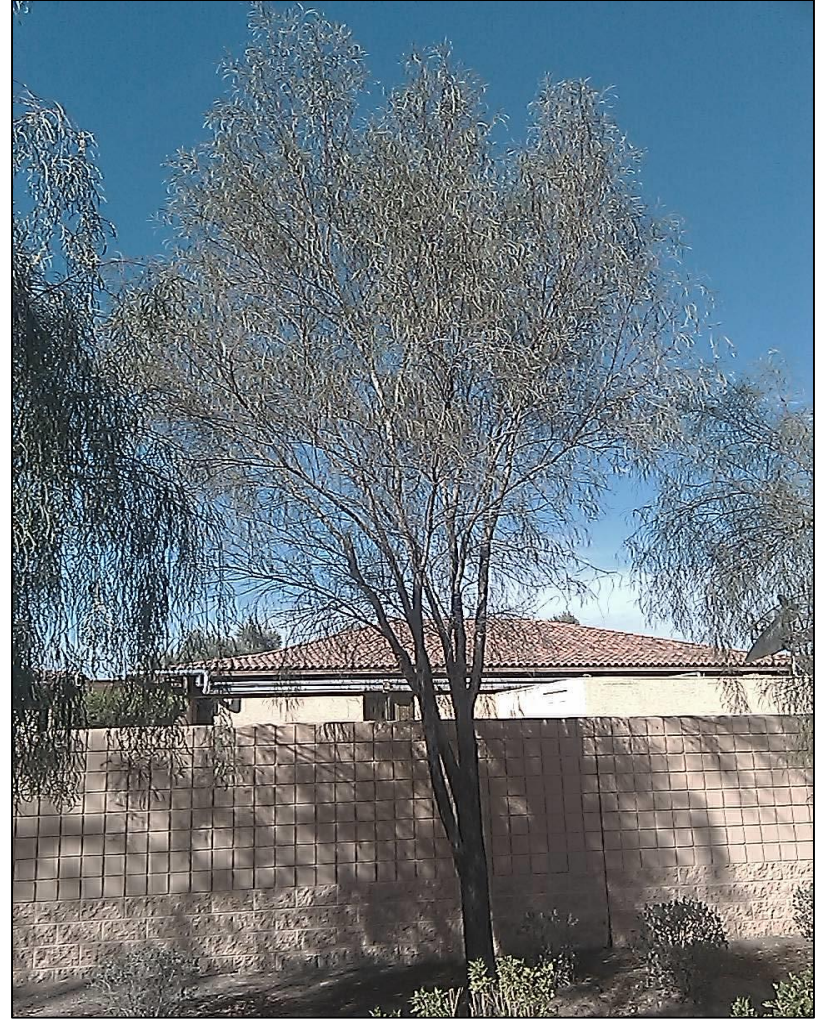
Sweet Acacia



African Sumac



Weeping Acacia



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