



Invasive Shot-Hole Borers + Fusarium Dieback Sycamore Assessment



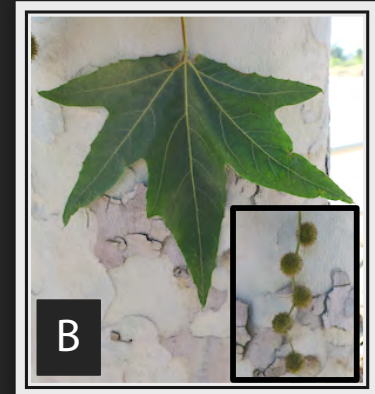
Various sycamore species (*Platanus* spp.) are severely impacted by the emergent Invasive Shot-Hole Borers – Fusarium Dieback pest-disease complex (ISHB-FD). These trees are widespread throughout urban and wildland forests in Southern California. With support by the Los Angeles Center for Urban Natural Resources and Sustainability, this form was developed to determine ISHB-FD damage on sycamore trees for comparable and systematic assessments.

- A American Sycamore**
Leaves: Toothed, pointed margins, broader than long
Fruit: In singles
Bark: Dark, scaly older
- B CA Sycamore**
Leaves: Finely serrated to smooth margins
Fruit: In chains of 4-7
Bark: White, tawny beige bark
- C London Plane**
Leaves: Toothed, pointed margins, as long as wide
Fruits: In pairs
Bark: Flaky, blotchy older bark
- D Mexican Sycamore**
Leaves: Toothed, pointed margins, underside “silvery” smooth
Fruits: In chains of 3-5
Bark: Gray white

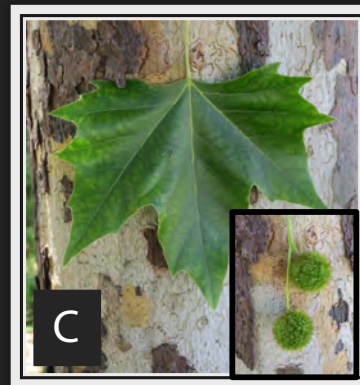
American Sycamore
P. occidentalis



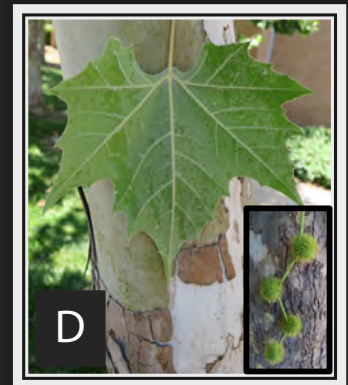
CA Sycamore
P. racemosa



London Plane
P. x acerifolia



Mexican Sycamore
P. mexicana



Crown Condition:

1: 0-10% Dieback

2: 10-40% Dieback

3: >40% Dieback



Authors: S. Lynch^{1,2}; A. Eskalen,²; J. Mayorquin,² G. Gilbert¹ (¹UC Santa Cruz, ²UC Riverside) All images by authors.

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Severity Rating Based on Number of Attacks

1: Low (<50)



2: Moderate (50-150)



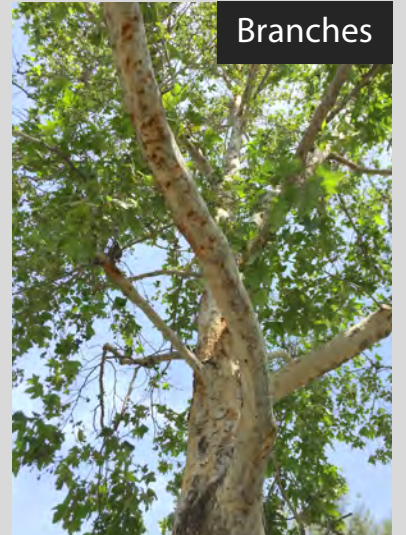
3: Heavy (>150) Without Dieback



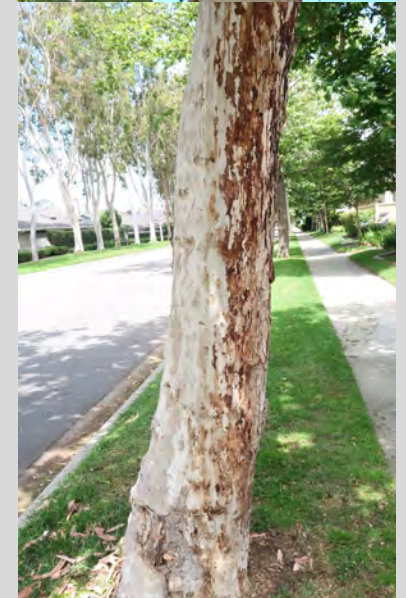
4: Severe (>150) With Dieback



Branches



Branch Collar



Inspect North Side of Tree

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