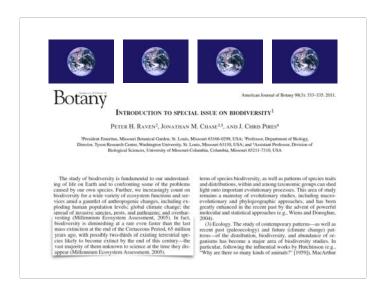
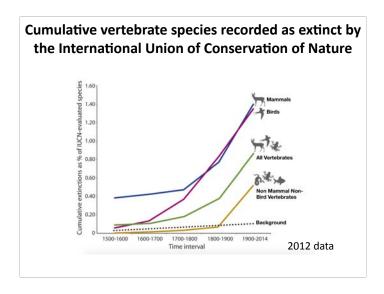
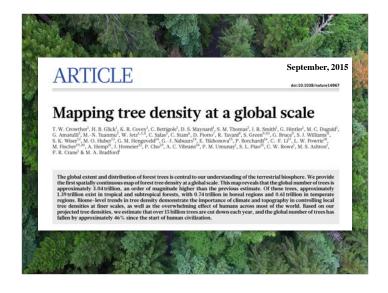


Populations ~40 million > 3/4 of the original wild habitat has been lost in 250 years













Trees Per Person in California

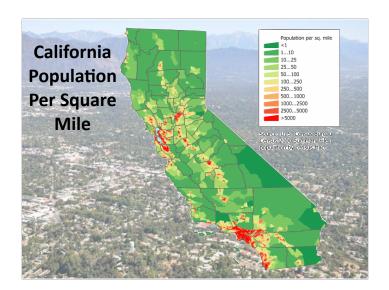
 Total number of trees in CA: ~7,630,000,000

Land area: 163,695 square miles

• CA Population: ~40 million

 191 trees per person living in CA = half of the world average





People and Trees in California

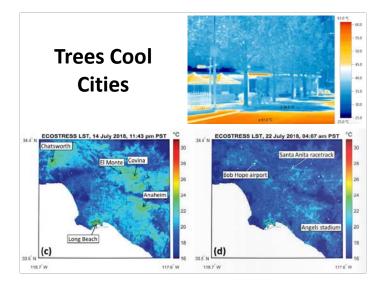
 ~90% of people in 10% of the California's land area

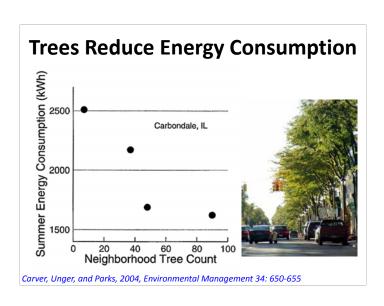
 Trees in California's urban and community areas: ~343,300,000

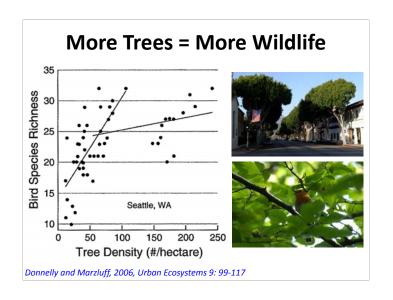
 Trees per person in California's urban

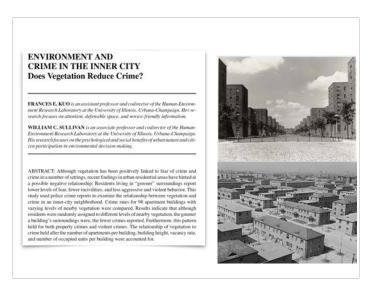
forests: 9.7

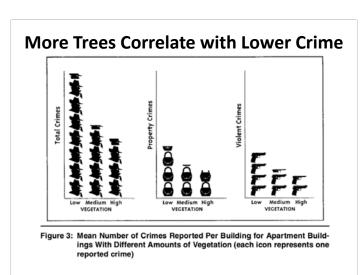


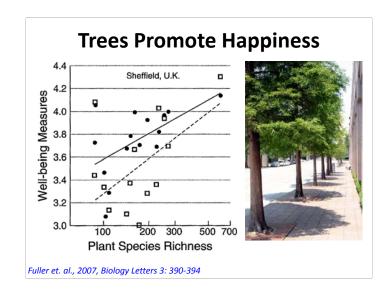














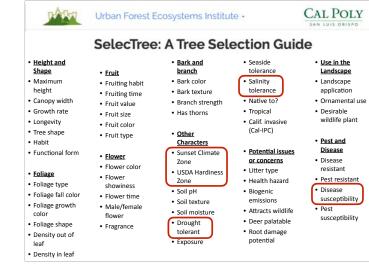
Successful Tree Planting

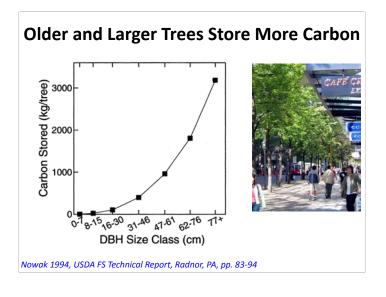
- Human benefits (health, aesthetics, and well being)
- Carbon sequestration (climate change mitigation)
- Conservation of biodiversity

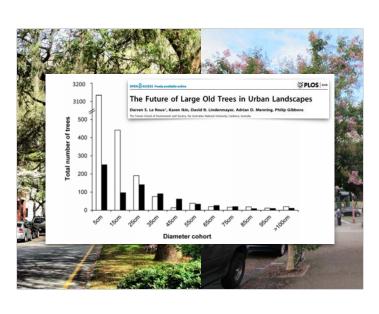




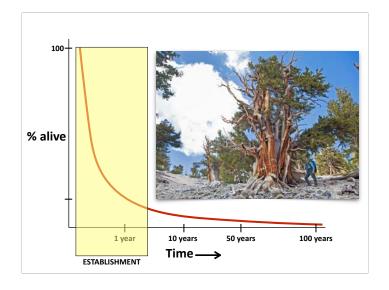


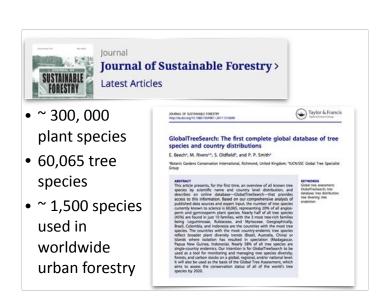


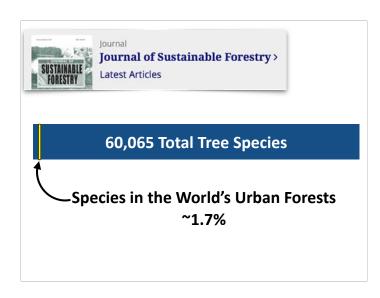












Diversity in Municipal Forests

• 188 – Average # of species on California municipality tree surveys

leaf

· Density in leaf

- 49 Average # of species on California municipality approved planting lists
- Only 26% of existing species are approved for future planting
- Our current species palette could be inappropriate for the future



Muller and Bornstein Arb. & Urb. For. 2010. 36(1): 18–27

15 Most Commonly Grown Species in Los Angeles County

1.Lagerstroemia indica (CRAPE MYRTLE)

2. Magnolia grandiflora (SOUTHERN MAGNOLIA)

3. Washingtonia robusta (MEXICAN FAN PALM)

4.Liquidambar styraciflua (AMERICAN SWEETGUM)

5. Pinus canariensis (CANARY ISLAND PINE)

6. Jacaranda mimosifolia (JACARANDA)

7. Cupaniopsis anacardioides (CARROTWOOD)

8. Pyrus calleryana (ORNAMENTAL PEAR)

9. Ulmus parvifolia (CHINESE ELM)

10. Syagrus romanzoffiana (QUEEN PALM)

11.Cinnamomum camphora (CAMPHOR TREE)

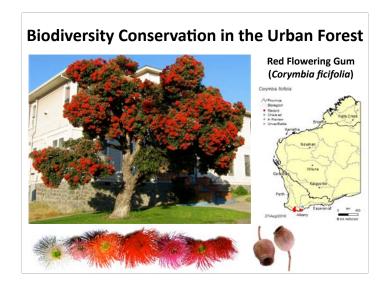
12.Platanus × hispanica (LONDON PLANE)

13.Lophostemon confertus (BRISBANE BOX)

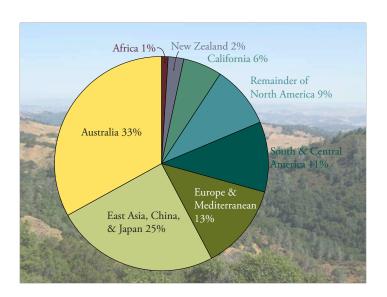
14. Quercus agrifolia (COAST LIVE OAK)

15. Ficus microcarpa (INDIAN LAURAL FIG)





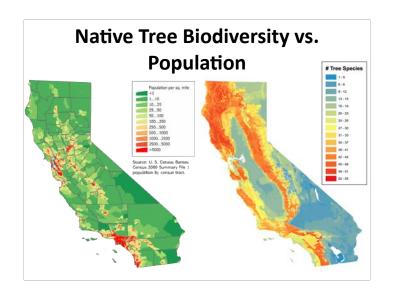




The California Flora

- ~6,000 native species
- ~80 "Tree" species
- 40 native species found regularly in the urban forest
- 10-15 natives commonly grown





Native Urban Trees?

LA City Native Trees:

- 1.Acer negundo
- 2.Acer macrophyllum
- 3.Alnus rhombifolia
- 4. Juglans californica
- 5.Platanus racemosa
- 6.Populus fremontii
- 7. Quercus agrifolia

LA County Native Trees:

- 1.Aesculus californica
- 2.Fraxinus velutina
- 3. Quercus chrysolepis
- 4. Quercus engelmannii
- 5. Quercus lobata 6.Quercus wislizeni
- 7.Umbellularia californica



Successful Tree Planting

- Human benefits (health, aesthetics, and well being)
- Carbon sequestration (climate change mitigation)
- Conservation of biodiversity

Species + Site Selection + Conditions = Success

mattritter.net





