



Black Oak



Bur Oak



Northern Red Oak



Swamp White Oak



White Oak



Boynton oak



For more information on oaks, visit the following websites:

The Red List of Oaks, a publication provided by Botanic Gardens Conservation International:
www.bgci.org/ourwork/oaks/

International Oak Society:
www.internationaloaksociety.org/

Trees of Alabama and the Southeast:
<https://fp.auburn.edu/sfws/samuels/dendrology/>

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The Donald E. Davis Arboretum is located at 181 Garden Drive.

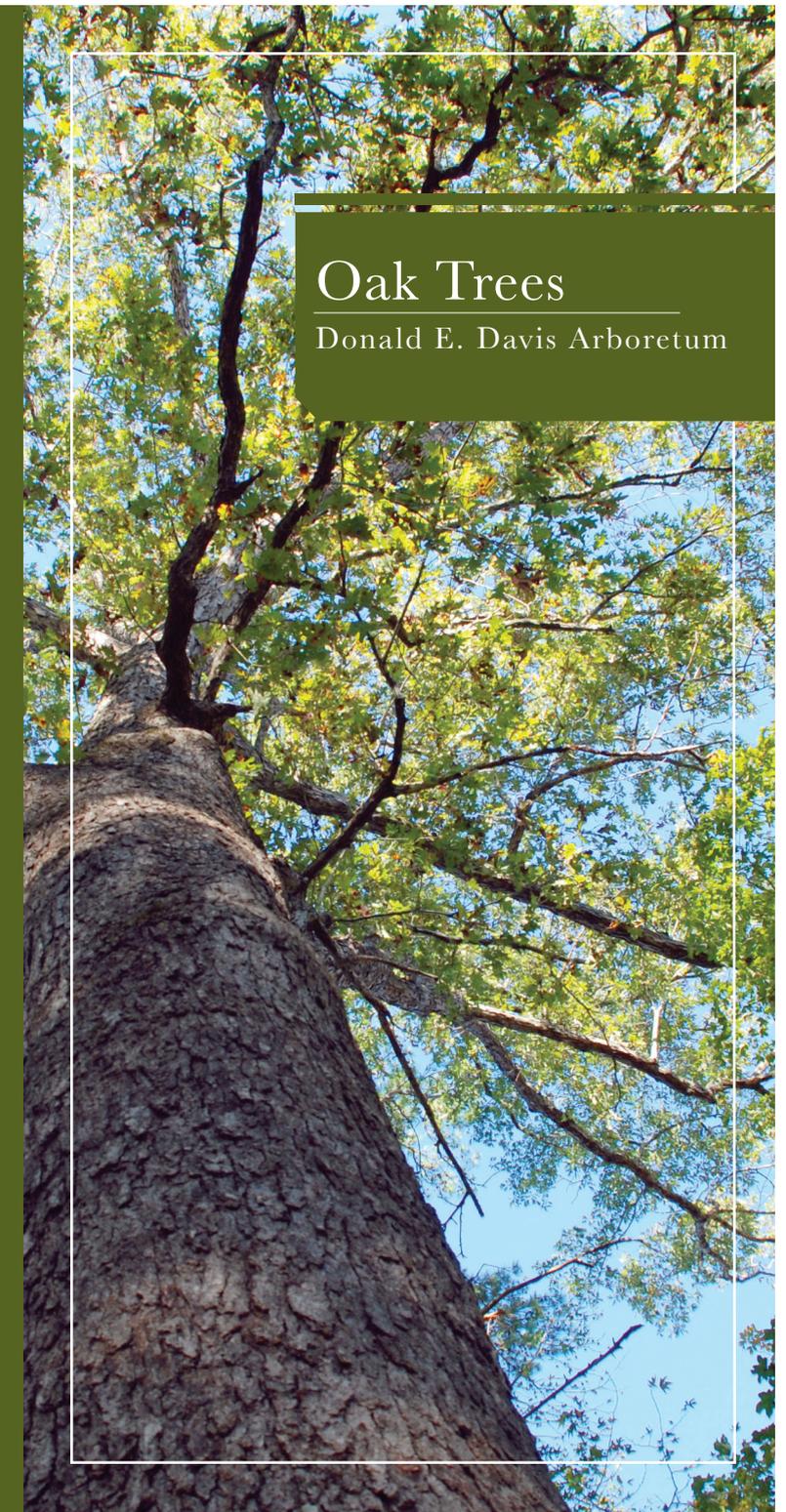
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Oak Trees

Donald E. Davis Arboretum



Oak Facts

- Oaks are divided into two groups: white oaks, which have leaves with rounded lobes, acorns that mature in the autumn of their first season, and kernels that are usually sweet; and red oaks, which have leaves with bristle-tipped lobes, acorns that mature in the autumn of their second season, and kernels that are usually bitter.
- There are more than 500 species of oaks in the Northern Hemisphere. Most are trees, but some are small enough to be classified as shrubs.
- Forty-two species of oaks are native to the southeastern U.S.
- The oak genus, *Quercus*, with its many species, is the most important aggregation of hardwoods found in North America. The central and southern hardwood forests of the U.S. can be considered oak forests, with the other broad-leaved species playing a secondary role.

Donald E. Davis Arboretum Oaks

Member of NAPCC

The Donald E. Davis Arboretum oak collection was accepted in 2010 to the North American Plant Collection Consortium. As part of the American Public Garden Association, the NAPCC represents a network of botanical gardens that take responsibility for collecting and preserving specific plant groups and the genetic resources they represent. NAPCC members hold botanically significant collections and make germ plasm available for taxonomic studies, evaluation, breeding, and other research.

Working with APCA

The Alabama Plant Conservation Alliance works with the state's rarest plants, including a species of dwarf oak that occurs exclusively in Alabama, the Boynton oak or *Quercus boyntonii*. The arboretum and APCA are collecting the Boynton oak and preserving the unique trees in both collections and in the wild.



List of Trees

White Oaks

Genus *Quercus*, Section *Quercus*

Species:

1. White Oak, *Q. alba*
2. Bluff Oak, *Q. austrina*
3. Swamp White Oak, *Q. bicolor*
4. Boynton Oak, *Q. boyntonii*
5. Chapman Oak, *Q. chapmanii*
6. Sand Live Oak, *Q. geminata*
7. Overcup Oak, *Q. lyrata*
8. Bur Oak, *Q. macrocarpa*
9. Sand Post Oak, *Q. margarettae*
10. Swamp Chestnut Oak, *Q. michauxii*
11. Dwarf Live Oak, *Q. minima*
12. Rock Chestnut Oak, *Q. montana*
13. Chinquapin Oak, *Q. muehlenbergii*
14. Oglethorpe Oak, *Q. oglethorpensis*
15. Dwarf Chinquapin Oak, *Q. prinoides*
16. Durand Oak, *Q. sinuata* var. *sinuata*
17. Post Oak, *Q. stellata*
18. Live Oak, *Q. virginiana*

Red Oaks

Genus *Quercus*, Section *Lobatae*

Species:

19. Arkansas Oak, *Q. arkansana*
20. Scarlet Oak, *Q. coccinea*
21. Southern Red Oak, *Q. falcata*
22. Georgia Oak, *Q. georgiana*
23. Sand Laurel Oak, *Q. hemisphaerica*
24. Bear Oak, *Q. ilicifolia*
25. Shingle Oak, *Q. imbricaria*
26. Bluejack Oak, *Q. incana*
27. Turkey Oak, *Q. laevis*
28. Swamp Laurel Oak, *Q. laurifolia*
29. Blackjack Oak, *Q. marilandica*
30. Myrtle Oak, *Q. myrtifolia*
31. Water Oak, *Q. nigra*
32. Cherrybark Oak, *Q. pagoda*
33. Pin Oak, *Q. palustris*
34. Willow Oak, *Q. phellos*
35. Runner Oak, *Q. pumila*
36. Red Oak, *Q. rubra*
37. Shumard Oak, *Q. shumardii*
38. Nuttall Oak, *Q. texana*
39. Black Oak, *Q. velutina*