



Big Trees in the Southern Forest Inventory

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Abstract

Big trees fascinate people worldwide, inspiring respect, awe, and oftentimes, even controversy. This paper uses a modified version of American Forests' Big Trees Measuring Guide point system (May 1990) to rank trees sampled between January of 1998 and September of 2007 on over 89,000 plots by the Forest Service, U.S. Department of Agriculture, Forest Inventory and Analysis Program in the Southern United States. Trees were ranked across all States and for each State. There were 1,354,965 trees from 12 continental States, Puerto Rico, and the U.S. Virgin Islands sampled. A bald cypress (*Taxodium distichum*) in Arkansas was the biggest tree (according to the point system) recorded in the South, with a diameter of 78.5 inches and a height of 93 feet (total points = 339.615). The tallest tree recorded in the South was a 152-foot tall pecan (*Carya illinoensis*) in Mississippi (total points = 321.960), while the tree with the largest diameter was the bald cypress mentioned above.

Keywords: Champion tree, circumference, FIA, height, Puerto Rico, U.S. Virgin Islands.

Big Trees of the South

Big trees fascinate people worldwide. American Forests describes big trees as "... symbols of all the good work trees do for the quality of the environment and our quality of life" (American Forests 2008). Many State agencies maintain lists of statewide "champion" trees and supply data to the National Register of Big Trees maintained and published by American Forests, a nonprofit citizens' conservation organization (American Forests 2008). All but six U.S. States have designated a big tree champion in the American Forests registry. The U.S. Forest Service's Forest Inventory and Analysis (FIA) Program is unique in the number of trees it measures throughout the course of a year

or multiple years. Listings of big trees encountered during the most recent forest inventory activities in the South are reported in this research note and should supplement existing lists and registers.

For more than 75 years, the FIA Program has been charged by Congress to "make and keep current a comprehensive inventory and analysis of the present and prospective conditions of and requirements for the renewable resources of the forest and rangelands of the United States" (McSweeney-McNary Act of May 22, 1928. 16 U.S.C. 581) (Bechtold and Patterson 2005, Gillespie 1999). The inventory conducted by FIA is a year-round effort to collect and disseminate information and statistics regarding the extent, condition, status, and trends of forest resources across all ownerships (Smith 2002). Although FIA is a national program with national scope, FIA is implemented regionally by Forest Service research stations across the United States. In the South, the forest resources of 13 States (Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, and Virginia) and Puerto Rico are sampled annually. About 20 percent of the forests in each State and commonwealth are sampled each year, while the U.S. Virgin Islands are sampled all in 1 year, resulting in a complete inventory about every 5 years.

FIA applies a nationally consistent sampling protocol using a quasi-systematic design covering all ownerships in the entire Nation (Bechtold and Patterson 2005). Here we present summary tables from data collected on over 89,000 permanent fixed-area plots installed across 12 Southern States (data for Oklahoma were not available at the time this manuscript was prepared), 1 commonwealth, and 2 U.S. territories in locations that have accessible forest land cover. Field crews collect data on > 300 variables, including land ownership, forest type, tree species, tree size, tree condition,

and other site attributes, e.g., slope, aspect, disturbance, land use (Smith 2002, U.S. Department of Agriculture 2007). Plot intensity for field-collected data is about one plot for every 6,000 acres of land (125,000 plots nationally) for the Southern States and Puerto Rico, and every 500 acres for the U.S. Virgin Islands. The plot design for FIA inventory plots consists of four 24-foot fixed-radius subplots spaced 120 feet apart in a triangular arrangement with one subplot in the center. All trees with a diameter at breast height of at least 5 inches are inventoried on forested subplots. Within each subplot, a 6.8-foot microplot offset 12 feet from subplot center is established. All live-tree seedlings in each microplot are tallied according to species. Conifer seedlings must be at least 6 inches tall with a root-collar diameter < 1 inch. Hardwood seedlings must be at least 12 inches tall with a root-collar diameter < 1 inch.

All inventory data, with the exception of Puerto Rico and the U.S. Virgin Islands, is stored in a publicly accessible database [Forest Inventory and Analysis Database (FIADB)]. The data for this study came from FIADB version 3.0 for 12 Southern States (Oklahoma data were unavailable). Data for Puerto Rico and the U.S. Virgin Islands were obtained from local data servers. Data were accessed in August of 2008 (Texas data accessed February 2009). Tree information was recorded on 1,354,965 trees collected from January 1998 to September 2007 on over 89,000 plots. Reported inventory years for the data used ranged from 2000 to 2006.

American Forests' champion tree criteria for measuring big trees (American Forests 2008) was used with slight modifications (May 1990) to compile the southern FIA big tree lists. A "bigness" score was calculated for each tree by



FIA Forester Jason P. Hewitt takes a few seconds out of the workday to pose next to a large baldcypress in Itawamba County, MS.



FIA Forester Sonja N. Oswalt stands in front of a large West Indian mahogany on the island of St. Croix, U.S. Virgin Islands. Photo by Thomas J. Brandeis.



FIA Forester John Simpson stops to pose near a large baldcypress in Mississippi after a long day in the field.

awarding one point for each inch of a tree's circumference at 4.5 feet above the ground and one point for every foot in height attained by the tree. American Forests' scoring system also awards one-quarter point for every foot of a tree's crown width (American Forests 2008). Unfortunately, FIA does not collect crown width. As a result, the scores presented here do not reflect the full potential of each tree's bigness according to American Forests' standards. However, due to the relatively small weight carried by crown width, the scores should still provide meaningful and interesting assessments of tree size across the South.

Readers and users of the southern FIA big tree lists should be mindful of several points first discussed by May (1990). First, although > 1 million trees were measured for this study, the sample still represents a fraction of the estimated 137 billion trees throughout the South. While the sample is sufficient to meet the objectives of the FIA Program in the South, it is not sufficient to identify the largest trees in the area. Truly large trees are a rarity on the landscape, and a sample design with coarse-scale objectives is not the most reliable tool to confidently identify all of the biggest trees within the region. Second, for tree species with significant swell at the base, e.g. baldcypress (*Taxodium* spp.) and tupelo (*Nyssa* spp.), the circumference is based

on a diameter measurement taken about 1.5 feet above the swell. This practice is suitable for meeting the needs of FIA, but underestimates the bigness score for those trees. Finally, a few trees are identified only at the genus level and, therefore, genus level reporting is sometimes necessary.

FIA takes many steps to ensure high-quality data is recorded in the field and continuously monitors data collection efforts with a strict quality assurance (QA) program. Each variable collected must meet Measurement Quality Objectives (MQO) set by the national FIA program, and MQO compliance is regularly assessed. The MQO consists of both a compliance standard and a measurement tolerance (see Pollard and others (2006) for a detailed review of the FIA QA program methodology). Three variables were utilized for this study (species, d.b.h., and total length), and MQO compliance in the southern States for each variable is listed in table A.1.

While the FIA QA program demands excellence through extensive training of nationally consistent protocols and procedures and continually measures MQO compliance, some measurement errors do occur. Moreover, the nature of this study heightens the probability of influence from measurement error due to the effort to identify extremes

within the database, i.e., the largest trees. To minimize the impact of measurement errors on the identification of “big” trees in this study, some species were removed from the published tables (table A.2). Most species were removed due to what appeared to be a species identification error (generally a keypunch error as a result of using electronic data recorders in the field) identified as being outside of a known range by comparison with published geographic distributions (Little 1979, USDA NRCS 2009). Some removals were due to a questionably large height and/or diameter for a particular species based on expert opinion and published material.

Public privacy laws stipulate that actual plot locations of FIA plots may not be publicly released (McRoberts and others 2005). As a result, the location of any potential champion trees may not be divulged. However, comparisons

of the lists published in the study with the numerous big tree lists already released to the public may help identify the potential for the existence of larger champion trees.

The biggest trees measured by FIA in the southern continental United States (not including Puerto Rico and the U.S. Virgin Islands) for select species, regardless of the frequency in which the tree species was observed, are included in table 1. Tables 2 through 15 list the biggest trees measured by FIA of the 45 most common tree species and/or genera for each of 12 Southern States, Puerto Rico, and the U.S. Virgin Islands. Table 16 lists the top 10 biggest trees in the southern continental United States (not including Puerto Rico and the U.S. Virgin Islands) regardless of frequency. Tables 17 through 30 list the top 10 biggest trees measured, regardless of frequency, for each of the 12 States plus Puerto Rico and the U.S. Virgin Islands.



FIA Forester Mark J. Brown (then with Florida Division of Forestry) stands near a loblolly pine in Florida that was saved from development in the 1970s.



FIA Forester Shawn P. Odom is obscured by a large ashe juniper.

Acknowledgments

This study was conducted after reading “Big Trees of the Midsouth Forest Survey” written by Dennis M. May (May 1990). As a result, the analyses and text reflect a large influence from that publication. The authors wish to thank Dennis M. May for unknowingly inspiring this study. The authors would like to thank Anne Jenkins, Charlene Walker and Sharon Johnson for formatting the numerous tables in this report.

Literature Cited

- American Forests. 2008. National register of big trees, 2008-2009. http://www.americanforests.org/downloads/bigtrees/2008_NB_Tree_Reg.pdf. [Date accessed: December 8, 2008].
- Bechtold, W.A.; Patterson, P.L., eds. 2005. The enhanced forest inventory and analysis program—national sampling design and estimation procedures. Gen. Tech. Rep. SRS-80. Asheville, NC: U.S. Department of Agriculture Forest Service, Southern Research Station. 85 p.
- Little, Elbert L., Jr. 1979. Checklist of United States trees (native and naturalized). Ag. Handb. 541. Washington, DC: U.S. Department of Agriculture. 375 p.
- Little, E.L., Jr. 1971. Atlas of United State trees. Vol. 1. Conifers and important hardwoods. Misc. Pub1 1146. Washington, DC: U.S. Department of Agriculture. 9 p. 200 maps.
- Gillespie, A.J.R. 1999. Rationale for a national annual forest inventory program. *Journal of Forestry*, 97: 16–20.
- May, D.M. 1990. Big trees of the Midsouth forest survey. Res. Note SO-359. New Orleans: U.S. Department of Agriculture Forest Service, Southern Forest Experiment Station. 17 p.
- McRoberts, R.E.; Holden, G.R.; Nelson, M.D. [and others]. 2005. Estimating and circumventing the effects of perturbing and swapping inventory plot locations. *Journal of Forestry*. 103: 275–279.
- Pollard, J.E.; Westfall, J.A.; Patterson, P.L. [and others]. 2006. Forest Inventory and Analysis national data quality assessment report for 2000 to 20003. Gen. Tech. Rep. RMRS-181. U.S. Department of Agriculture Forest Service, Rocky Mountain Research Station. 43 p.
- Smith, W.B. 2002. Forest inventory and analysis: a national inventory and monitoring program. *Environmental Pollution*. 116: S233–S242.
- U.S. Department of Agriculture. 2007. Forest inventory and analysis, fiscal year 2006 business report. FS-884. Washington, DC: U.S. Department of Agriculture Forest Service. 39 p.
- USDA, NRCS. 2009. The PLANTS Database. Baton Rouge, LA: National Plant Data Center. <http://www.plants.usda.gov>. [Data accessed: March 15, 2010].

Table 1—Southwide big trees by genus and species

| Genus ^{a b} | Species | Common name | State | Diameter | Circumference | Height | Points ^c | Inventory year | N ^d |
|----------------------|---|---------------------------|-------|--------------------|---------------|--------|---------------------|----------------|----------------|
| | | | | ----- inches ----- | | feet | | | |
| <i>Abies</i> | <i>fraseri</i> | Fraser fir | NC | 13.8 | 43.4 | 67 | 110.4 | 2002 | 121 |
| <i>Acer</i> | <i>barbatum</i> | Florida maple | MS | 22.0 | 69.1 | 123 | 192.1 | 2006 | 2,160 |
| <i>Acer</i> | <i>leucoderme</i> | Chalk maple | TN | 12.4 | 39.0 | 97 | 136.0 | 2002 | 82 |
| <i>Acer</i> | <i>negundo</i> | Boxelder | SC | 32.5 | 102.1 | 74 | 176.1 | 2001 | 3,965 |
| <i>Acer</i> | <i>nigrum</i> | Black maple | KY | 15.3 | 48.1 | 105 | 153.1 | 2001 | 36 |
| <i>Acer</i> | <i>pensylvanicum</i> | Striped maple | TN | 10.3 | 32.4 | 88 | 120.4 | 2006 | 925 |
| <i>Acer</i> | <i>platanoides</i> | Norway maple | NC | 2.0 | 6.3 | 17 | 23.3 | 2003 | 1 |
| <i>Acer</i> | <i>rubrum</i> | Red maple | NC | 51.2 | 160.8 | 87 | 247.8 | 2002 | 87,016 |
| <i>Acer</i> | <i>saccharinum</i> | Silver maple | KY | 32.3 | 101.5 | 145 | 246.5 | 2005 | 581 |
| <i>Acer</i> | <i>saccharum</i> | Sugar maple | KY | 43.7 | 137.3 | 110 | 247.3 | 2005 | 11,028 |
| <i>Acer</i> | <i>spicatum</i> | Mountain maple | VA | 19.5 | 61.3 | 93 | 154.3 | 2000 | 48 |
| <i>Aesculus</i> | <i>flava</i> | Yellow buckeye | NC | 31.4 | 98.6 | 131 | 229.6 | 2002 | 945 |
| <i>Aesculus</i> | <i>glabra</i> | Ohio buckeye | TN | 19.7 | 61.9 | 90 | 151.9 | 2001 | 207 |
| <i>Aesculus</i> | <i>glabra</i> var. <i>arguta</i> | Texas buckeye | TX | 1.3 | 4.1 | 16 | 20.1 | 2002 | 4 |
| <i>Aesculus</i> | <i>sylvatica</i> | Painted buckeye | GA | 2.8 | 8.8 | 28 | 36.8 | 2005 | 4 |
| <i>Ailanthus</i> | <i>altissima</i> | Ailanthus | VA | 18.3 | 57.5 | 85 | 142.5 | 2002 | 1,406 |
| <i>Albizia</i> | <i>julibrissin</i> | Mimosa, silktree | GA | 10.4 | 32.7 | 65 | 97.7 | 2003 | 177 |
| <i>Avicennia</i> | <i>germinans</i> | Black-mangrove | FL | 5.9 | 18.5 | 28 | 46.5 | 2006 | 6 |
| <i>Betula</i> | <i>alleghaniensis</i> | Yellow birch | TN | 47.0 | 147.7 | 51 | 198.7 | 2001 | 918 |
| <i>Betula</i> | <i>lenta</i> | Sweet birch | NC | 23.5 | 73.8 | 115 | 188.8 | 2002 | 4,269 |
| <i>Betula</i> | <i>nigra</i> | River birch | AR | 44.7 | 140.4 | 78 | 218.4 | 2004 | 2,739 |
| <i>Betula</i> | <i>populifolia</i> | Gray birch | VA | 13.0 | 40.8 | 65 | 105.8 | 2003 | 6 |
| <i>Bursera</i> | <i>simaruba</i> | Gumbo limbo | FL | 8.4 | 26.4 | 32 | 58.4 | 2004 | 2 |
| <i>Carya</i> | <i>alba</i> | Mockernut hickory | SC | 33.3 | 104.6 | 139 | 243.6 | 2000 | 19,083 |
| <i>Carya</i> | <i>aquatica</i> | Water hickory | SC | 43.3 | 136.0 | 139 | 275.0 | 2001 | 2,083 |
| <i>Carya</i> | <i>carolinae-septentrionalis</i> | Southern shagbark hickory | MS | 23.5 | 73.8 | 108 | 181.8 | 2006 | 23 |
| <i>Carya</i> | <i>cordiformis</i> | Bitternut hickory | NC | 29.3 | 92.0 | 115 | 207.0 | 2004 | 2,359 |
| <i>Carya</i> | <i>glabra</i> | Pignut hickory | VA | 37.9 | 119.1 | 116 | 235.1 | 2001 | 15,757 |
| <i>Carya</i> | <i>illinoensis</i> | Pecan | MS | 54.1 | 170.0 | 152 | 322.0 | 2006 | 1,286 |
| <i>Carya</i> | <i>laciniosa</i> | Shellbark hickory | AR | 28.4 | 89.2 | 93 | 182.2 | 2002 | 569 |
| <i>Carya</i> | <i>myristiciformis</i> | Nutmeg hickory | AR | 13.5 | 42.4 | 84 | 126.4 | 2000 | 34 |
| <i>Carya</i> | <i>ovalis</i> | Red hickory | AL | 18.5 | 58.1 | 100 | 158.1 | 2005 | 63 |
| <i>Carya</i> | <i>ovata</i> | Shagbark hickory | TN | 25.7 | 80.7 | 132 | 212.7 | 2004 | 4,755 |
| <i>Carya</i> | <i>pallida</i> | Sand hickory | TN | 17.9 | 56.2 | 121 | 177.2 | 2004 | 326 |
| <i>Carya</i> | <i>texana</i> | Black hickory | AR | 26.7 | 83.9 | 106 | 189.9 | 2004 | 6,378 |
| <i>Castanea</i> | <i>dentata</i> | American chestnut | VA | 15.1 | 47.4 | 55 | 102.4 | 2001 | 308 |
| <i>Castanea</i> | <i>mollissima</i> | Chinese chestnut | KY | 8.3 | 26.1 | 63 | 89.1 | 2005 | 3 |
| <i>Castanea</i> | <i>pumila</i> var. <i>ozarkensis</i> | Ozark chinkapin | AR | 13.1 | 41.2 | 52 | 93.2 | 2005 | 6 |
| <i>Castanea</i> | <i>pumila</i> | Allegheny chinkapin | AL | 5.6 | 17.6 | 46 | 63.6 | 2005 | 58 |
| <i>Casuarina</i> | <i>lepidophloia</i> | Belah | FL | 27.8 | 87.3 | 72 | 159.3 | 2004 | 4 |
| <i>Catalpa</i> | <i>bignonioides</i> | Southern catalpa | TX | 40.0 | 125.7 | 46 | 171.7 | 2002 | 47 |
| <i>Catalpa</i> | <i>speciosa</i> | Northern catalpa | AR | 11.5 | 36.1 | 55 | 91.1 | 2003 | 9 |
| <i>Celtis</i> | <i>laevigata</i> | Sugarberry | AR | 38.5 | 121.0 | 105 | 226.0 | 2000 | 7,328 |
| <i>Celtis</i> | <i>laevigata</i> var. <i>reticulata</i> | Netleaf hackberry | LA | 14.8 | 46.5 | 74 | 120.5 | 2003 | 120 |
| <i>Celtis</i> | <i>occidentalis</i> | Hackberry | AL | 26.6 | 83.6 | 109 | 192.6 | 2004 | 3,280 |
| <i>Chamaecyparis</i> | <i>thyoides</i> | Atlantic white-cedar | VA | 23.4 | 73.5 | 110 | 183.5 | 2002 | 515 |
| <i>Cinnamomum</i> | <i>camphora</i> | Camphortree | FL | 10.7 | 33.6 | 49 | 82.6 | 2003 | 21 |
| <i>Cladrastis</i> | <i>kentukea</i> | Yellowwood | KY | 11.7 | 36.8 | 70 | 106.8 | 2002 | 12 |
| <i>Condalia</i> | <i>hookeri</i> | Bluewood | TX | 11.4 | 35.8 | 11 | 46.8 | 2006 | 87 |
| <i>Conocarpus</i> | <i>erectus</i> | Buttonwood, mangrove | FL | 6.5 | 20.4 | 36 | 56.4 | 2006 | 19 |

continued

Table 1—Southwide big trees by genus and species (continued)

| Genus ^{a b} | Species | Common name | State | Diameter | Circum- | Height | Points ^c | Inventory year | N ^d |
|----------------------|--|-------------------------|-------|--------------------|---------|--------|---------------------|----------------|----------------|
| | | | | ----- inches ----- | | | | | |
| <i>Cornus</i> | <i>florida</i> | Flowering dogwood | MS | 14.9 | 46.8 | 71 | 117.8 | 2006 | 16,866 |
| <i>Cotinus</i> | <i>obovatus</i> | American smoketree | AL | 6.3 | 19.8 | 45 | 64.8 | 2002 | 3 |
| <i>Crataegus</i> | <i>crus-galli</i> | Cockspur hawthorn | TN | 11.2 | 35.2 | 47 | 82.2 | 2003 | 69 |
| <i>Crataegus</i> | <i>mollis</i> | Downy hawthorn | NC | 12.2 | 38.3 | 47 | 85.3 | 2006 | 78 |
| <i>Diospyros</i> | <i>texana</i> | Texas persimmon | TX | 12.0 | 37.7 | 21 | 58.7 | 2006 | 385 |
| <i>Diospyros</i> | <i>virginiana</i> | Common persimmon | GA | 20.5 | 64.4 | 117 | 181.4 | 2006 | 5,016 |
| <i>Ehretia</i> | <i>anacua</i> | Anacua, knockaway | TX | 3.3 | 10.4 | 9 | 19.4 | 2006 | 1 |
| <i>Fagus</i> | <i>grandifolia</i> | American beech | MS | 50.7 | 159.3 | 84 | 243.3 | 2006 | 10,226 |
| <i>Ficus</i> | <i>aurea</i> | Florida strangler fig | FL | 5.7 | 17.9 | 42 | 59.9 | 2005 | 8 |
| <i>Fraxinus</i> | <i>americana</i> | White ash | SC | 30.7 | 96.4 | 119 | 215.4 | 2000 | 8,043 |
| <i>Fraxinus</i> | <i>caroliniana</i> | Carolina ash | AR | 20.6 | 64.7 | 99 | 163.7 | 2004 | 338 |
| <i>Fraxinus</i> | <i>pennsylvanica</i> | Green ash | MS | 42.4 | 133.2 | 99 | 232.2 | 2006 | 16,563 |
| <i>Fraxinus</i> | <i>profunda</i> | Pumpkin ash | NC | 29.6 | 93.0 | 101 | 194.0 | 2002 | 780 |
| <i>Fraxinus</i> | <i>quadrangulata</i> | Blue ash | KY | 20.8 | 65.3 | 103 | 168.3 | 2000 | 270 |
| <i>Fraxinus</i> | <i>texensis</i> | Texas ash | TX | 8.7 | 27.3 | 52 | 79.3 | 2004 | 51 |
| <i>Gleditsia</i> | <i>aquatica</i> | Waterlocust | MS | 20.3 | 63.8 | 88 | 151.8 | 2006 | 194 |
| <i>Gleditsia</i> | <i>triacanthos</i> | Honeylocust | LA | 32.6 | 102.4 | 104 | 206.4 | 2002 | 1,114 |
| <i>Gordonia</i> | <i>lasianthus</i> | Loblolly-bay | FL | 31.2 | 98.0 | 84 | 182.0 | 2003 | 3,787 |
| <i>Halesia</i> | <i>carolina</i> | Carolina silverbell | GA | 14.2 | 44.6 | 61 | 105.6 | 2005 | 31 |
| <i>Halesia</i> | <i>diptera</i> | Two-wing silverbell | MS | 5.1 | 16.0 | 37 | 53.0 | 2006 | 11 |
| <i>Ilex</i> | <i>opaca</i> | American holly | AR | 18.5 | 58.1 | 77 | 135.1 | 2005 | 11,095 |
| <i>Juglans</i> | <i>cinerea</i> | Butternut | TN | 21.6 | 67.9 | 83 | 150.9 | 2001 | 126 |
| <i>Juglans</i> | <i>major</i> | Arizona walnut | TX | 13.3 | 41.8 | 52 | 93.8 | 2004 | 24 |
| <i>Juglans</i> | <i>microcarpa</i> | Texas walnut | TX | 10.6 | 33.3 | 38 | 71.3 | 2006 | 29 |
| <i>Juglans</i> | <i>nigra</i> | Black walnut | MS | 25.9 | 81.4 | 126 | 207.4 | 2006 | 2,668 |
| <i>Juniperus</i> | <i>ashei</i> | Ashe juniper | TX | 33.7 | 105.9 | 27 | 139.6 | 2004 | 5,903 |
| <i>Juniperus</i> | <i>flaccida</i> | Drooping juniper | TX | 7.8 | 24.5 | 22 | 46.5 | 2005 | 1 |
| <i>Juniperus</i> | <i>virginiana</i> | Eastern redcedar | LA | 31.7 | 99.6 | 88 | 187.6 | 2001 | 23,400 |
| <i>Juniperus</i> | <i>virginiana</i> var. <i>silicicola</i> | Southern redcedar | FL | 24.5 | 77.0 | 62 | 139.0 | 2006 | 97 |
| <i>Laguncularia</i> | <i>racemosa</i> | White-mangrove | FL | 8.0 | 25.1 | 32 | 57.1 | 2003 | 60 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | MS | 71.0 | 223.1 | 84 | 307.1 | 2006 | 115,277 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | TN | 46.0 | 144.5 | 148 | 292.5 | 2000 | 45,750 |
| <i>Maclura</i> | <i>pomifera</i> | Osage-orange | AR | 25.5 | 80.1 | 73 | 153.1 | 2003 | 1,056 |
| <i>Magnolia</i> | <i>fraseri</i> | Mountain magnolia | NC | 24.0 | 75.4 | 111 | 186.4 | 2002 | 1,036 |
| <i>Magnolia</i> | <i>grandiflora</i> | Southern magnolia | SC | 41.6 | 130.7 | 125 | 255.7 | 2002 | 1,477 |
| <i>Magnolia</i> | <i>macrophylla</i> | Bigleaf magnolia | MS | 13.6 | 42.7 | 86 | 128.7 | 2006 | 445 |
| <i>Magnolia</i> | <i>tripetala</i> | Umbrella magnolia | AR | 11.2 | 35.2 | 78 | 113.2 | 2006 | 69 |
| <i>Magnolia</i> | <i>virginiana</i> | Sweetbay | FL | 36.7 | 115.3 | 80 | 195.3 | 2006 | 13,175 |
| <i>Melaleuca</i> | <i>quinquenervia</i> | Melaleuca | LA | 30.6 | 96.1 | 64 | 160.1 | 2003 | 365 |
| <i>Metopium</i> | <i>toxiferum</i> | Florida poisontree | FL | 5.2 | 16.3 | 28 | 44.3 | 2003 | 6 |
| <i>Nyssa</i> | <i>aquatica</i> | Water tupelo | NC | 50.6 | 159.0 | 98 | 257.0 | 2002 | 8,420 |
| <i>Nyssa</i> | <i>biflora</i> | Swamp tupelo | SC | 41.8 | 131.3 | 101 | 232.3 | 2000 | 27,032 |
| <i>Nyssa</i> | <i>ogeche</i> | Ogeechee tupelo | FL | 39.6 | 124.4 | 71 | 195.4 | 2003 | 244 |
| <i>Nyssa</i> | <i>sylvatica</i> | Blackgum | NC | 30.1 | 94.6 | 128 | 222.6 | 2003 | 28,151 |
| <i>Ostrya</i> | <i>virginiana</i> | Eastern hophornbeam | SC | 18.9 | 59.4 | 77 | 136.4 | 2003 | 6,760 |
| <i>Paulownia</i> | <i>tomentosa</i> | Paulownia, empress-tree | SC | 33.5 | 105.2 | 81 | 186.2 | 2001 | 225 |
| <i>Picea</i> | <i>rubens</i> | Red spruce | NC | 30.3 | 95.2 | 119 | 214.2 | 2003 | 492 |
| <i>Pinus</i> | <i>clausa</i> | Sand pine | FL | 25.5 | 80.1 | 90 | 170.1 | 2004 | 2,937 |
| <i>Pinus</i> | <i>echinata</i> | Shortleaf pine | TX | 26.0 | 81.7 | 125 | 206.7 | 2002 | 30,202 |
| <i>Pinus</i> | <i>elliottii</i> | Slash pine | AR | 30.3 | 95.2 | 130 | 225.2 | 2002 | 50,180 |

continued

Table 1—Southwide big trees by genus and species (continued)

| Genus ^{a b} | Species | Common name | State | Diameter | Circumference | Height | Points ^c | Inventory year | N ^d |
|----------------------|--|-------------------------|-------|-------------------------|---------------|--------|---------------------|----------------|----------------|
| | | | | ----- inches ----- feet | | | | | |
| <i>Pinus</i> | <i>glabra</i> | Spruce pine | MS | 34.3 | 107.8 | 120 | 227.8 | 2006 | 818 |
| <i>Pinus</i> | <i>palustris</i> | Longleaf pine | FL | 25.3 | 79.5 | 113 | 192.5 | 2004 | 12,927 |
| <i>Pinus</i> | <i>pungens</i> | Table Mountain pine | VA | 17.5 | 55.0 | 73 | 128.0 | 2002 | 373 |
| <i>Pinus</i> | <i>remota</i> | Papershell pinyon | TX | 12.7 | 39.9 | 16 | 55.9 | 2006 | 15 |
| <i>Pinus</i> | <i>rigida</i> | Pitch pine | NC | 24.8 | 77.9 | 92 | 169.9 | 2005 | 1,230 |
| <i>Pinus</i> | <i>serotina</i> | Pond pine | AL | 29.4 | 92.4 | 127 | 219.4 | 2003 | 4,761 |
| <i>Pinus</i> | <i>strobus</i> | Eastern white pine | NC | 34.2 | 107.4 | 145 | 252.4 | 2003 | 7,603 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | MS | 54.1 | 170.0 | 88 | 258.0 | 2006 | 338,806 |
| <i>Pinus</i> | <i>virginiana</i> | Virginia pine | SC | 25.5 | 80.1 | 114 | 194.1 | 2003 | 21,545 |
| <i>Piscidia</i> | <i>piscipula</i> | Florida fishpoison tree | FL | 6.6 | 20.7 | 33 | 53.7 | 2006 | 1 |
| <i>Planera</i> | <i>aquatica</i> | Water-elm, planertree | AR | 16.3 | 51.2 | 95 | 146.2 | 2005 | 1,141 |
| <i>Platanus</i> | <i>occidentalis</i> | American sycamore | KY | 60.9 | 191.3 | 84 | 275.3 | 2002 | 3,632 |
| <i>Populus</i> | <i>balsamifera</i> | Balsam poplar | SC | 50.5 | 158.7 | 118 | 276.7 | 2000 | 37 |
| <i>Populus</i> | <i>deltoides</i> | Eastern cottonwood | MS | 56.6 | 177.8 | 130 | 307.8 | 2006 | 765 |
| <i>Populus</i> | <i>deltoides</i> spp. | | | | | | | | |
| | <i>manilifera</i> | Plains cottonwood | TX | 30.0 | 94.2 | 90 | 184.2 | 2006 | 28 |
| <i>Populus</i> | <i>grandidentata</i> | Bigtooth aspen | VA | 17.8 | 55.9 | 101 | 156.9 | 2005 | 91 |
| <i>Populus</i> | <i>heterophylla</i> | Swamp cottonwood | AR | 36.2 | 113.7 | 114 | 227.7 | 2003 | 193 |
| <i>Prunus</i> | <i>avium</i> | Sweet cherry, | | | | | | | |
| | | domesticated | VA | 10.5 | 33.0 | 63 | 96.0 | 2005 | 7 |
| <i>Prunus</i> | <i>pensylvanica</i> | Pin cherry | NC | 22.2 | 69.7 | 86 | 155.7 | 2002 | 191 |
| <i>Prunus</i> | <i>serotina</i> | Black cherry | TN | 32.1 | 100.8 | 116 | 216.8 | 2005 | 15,942 |
| <i>Prunus</i> | <i>virginiana</i> | Chokecherry | AL | 5.1 | 16.0 | 52 | 68.0 | 2004 | 20 |
| <i>Quercus</i> | <i>alba</i> | White oak | GA | 43.1 | 135.4 | 118 | 253.4 | 2005 | 47,827 |
| <i>Quercus</i> | <i>bicolor</i> | Swamp white oak | LA | 30.6 | 96.1 | 125 | 221.1 | 2004 | 80 |
| <i>Quercus</i> | <i>coccinea</i> | Scarlet oak | TN | 41.0 | 128.8 | 126 | 254.8 | 2004 | 10,628 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | TX | 47.0 | 147.7 | 94 | 241.7 | 2005 | 20,863 |
| <i>Quercus</i> | <i>imbricaria</i> | Shingle oak | KY | 31.4 | 98.6 | 80 | 178.6 | 2004 | 122 |
| <i>Quercus</i> | <i>incana</i> | Bluejack oak | LA | 13.7 | 43.0 | 75 | 118.0 | 2004 | 625 |
| <i>Quercus</i> | <i>laevis</i> | Turkey oak | MS | 15.5 | 48.7 | 78 | 126.7 | 2006 | 3,441 |
| <i>Quercus</i> | <i>laurifolia</i> | Laurel oak | LA | 49.2 | 154.6 | 105 | 259.6 | 2002 | 14,518 |
| <i>Quercus</i> | <i>lyrata</i> | Overcup oak | LA | 49.5 | 155.5 | 92 | 247.5 | 2002 | 3,221 |
| <i>Quercus</i> | <i>macrocarpa</i> | Bur oak | AR | 22.7 | 71.3 | 99 | 170.3 | 2000 | 66 |
| <i>Quercus</i> | <i>marilandica</i> | Blackjack oak | SC | 19.2 | 60.1 | 77 | 137.1 | 2001 | 3,584 |
| <i>Quercus</i> | <i>michauxii</i> | Swamp chestnut oak | LA | 42.9 | 134.8 | 135 | 269.8 | 2002 | 1,900 |
| <i>Quercus</i> | <i>muehlenbergii</i> | Chinkapin oak | KY | 43.8 | 137.6 | 104 | 241.6 | 2001 | 2,514 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | LA | 55.5 | 174.4 | 135 | 309.4 | 2003 | 44,862 |
| <i>Quercus</i> | <i>nuttallii</i> | Nuttall oak | LA | 62.2 | 195.4 | 127 | 322.4 | 2002 | 1,154 |
| <i>Quercus</i> | <i>oglethorpensis</i> | Oglethorpe oak | MS | 10.2 | 32.0 | 54 | 86.0 | 2006 | 2 |
| <i>Quercus</i> | <i>pagoda</i> | Cherrybark oak | VA | 52.1 | 163.7 | 116 | 279.7 | 2000 | 5,140 |
| <i>Quercus</i> | <i>palustris</i> | Pin oak | KY | 38.4 | 120.6 | 121 | 241.6 | 2005 | 128 |
| <i>Quercus</i> | <i>phellos</i> | Willow oak | MS | 42.2 | 132.6 | 135 | 267.6 | 2006 | 8,942 |
| <i>Quercus</i> | <i>prinoides</i> | Dwarf chinkapin oak | SC | 3.1 | 9.7 | 21 | 30.7 | 2004 | 7 |
| <i>Quercus</i> | <i>prinus</i> | Chestnut oak | NC | 37.8 | 118.8 | 122 | 240.8 | 2002 | 22,723 |
| <i>Quercus</i> | <i>rubra</i> | Northern red oak | NC | 50.5 | 158.7 | 117 | 275.7 | 2002 | 12,764 |
| <i>Quercus</i> | <i>shumardii</i> | Shumard oak | MS | 35.0 | 110.0 | 137 | 247.0 | 2006 | 851 |
| <i>Quercus</i> | <i>similis</i> | Bottomland post oak | AR | 23.0 | 72.3 | 107 | 179.3 | 2005 | 58 |
| <i>Quercus</i> | <i>sinuata</i> | Durand oak | AL | 33.1 | 104.0 | 93 | 197.0 | 2003 | 113 |
| <i>Quercus</i> | <i>stellata</i> | Post oak | LA | 37.1 | 116.6 | 107 | 223.6 | 2003 | 23,439 |
| <i>Quercus</i> | <i>stellata</i> var. <i>margaretta</i> | Dwarf post oak | FL | 15.9 | 50.0 | 67 | 117.0 | 2003 | 1,036 |

continued

Table 1—Southwide big trees by genus and species (continued)

| Genus ^{a b} | Species | Common name | State | Diameter | Circum- | Height | Points ^c | Inventory year | N ^d |
|----------------------|--|----------------------|-------|--------------------|---------|--------|---------------------|----------------|----------------|
| | | | | ----- inches ----- | ference | | | | |
| <i>Quercus</i> | <i>velutina</i> | Black oak | AR | 59.4 | 186.6 | 110 | 296.6 | 2000 | 12,866 |
| <i>Quercus</i> | <i>virginiana</i> | Live oak | FL | 65.8 | 206.7 | 98 | 304.7 | 2002 | 6,838 |
| <i>Robinia</i> | <i>pseudoacacia</i> | Black locust | NC | 30.3 | 95.2 | 110 | 205.2 | 2002 | 4,468 |
| <i>Salix</i> | <i>alba</i> | White willow | TX | 11.2 | 35.2 | 86 | 121.2 | 2006 | 8 |
| <i>Salix</i> | <i>amygdaloides</i> | Peachleaf willow | TX | 11.0 | 34.6 | 52 | 86.6 | 2001 | 8 |
| <i>Salix</i> | <i>caroliniana</i> | Coastal plain willow | FL | 12.6 | 39.6 | 68 | 107.6 | 2004 | 103 |
| <i>Salix</i> | <i>nigra</i> | Black willow | MS | 48.2 | 151.4 | 95 | 246.4 | 2006 | 2,840 |
| <i>Sassafras</i> | <i>albidum</i> | Sassafras | TN | 20.6 | 64.7 | 136 | 200.7 | 2001 | 7,335 |
| <i>Taxodium</i> | <i>ascendens</i> | Pondcypress | SC | 38.3 | 120.3 | 115 | 235.3 | 2001 | 9,406 |
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | AR | 78.5 | 246.6 | 93 | 339.6 | 2000 | 8,557 |
| <i>Thrinax</i> | <i>morrisii</i> | Key thatch palm | FL | 5.8 | 18.2 | 16 | 34.2 | 2002 | 11 |
| <i>Thuja</i> | <i>occidentalis</i> | Northern white-cedar | NC | 6.3 | 19.8 | 33 | 52.8 | 2003 | 6 |
| <i>Tilia</i> | <i>americana</i> | American basswood | NC | 29.7 | 93.3 | 127 | 220.3 | 2003 | 1,489 |
| <i>Tilia</i> | <i>americana</i> var. <i>heterophylla</i> | White basswood | NC | 20.8 | 65.3 | 122 | 187.3 | 2002 | 219 |
| <i>Tilia</i> | <i>americana</i> var. <i>caroliniana</i> | Carolina basswood | FL | 23.6 | 74.1 | 106 | 180.1 | 2005 | 147 |
| <i>Tsuga</i> | <i>canadensis</i> | Eastern hemlock | NC | 45.2 | 142.0 | 145 | 287.0 | 2003 | 4,434 |
| <i>Tsuga</i> | <i>caroliniana</i> | Carolina hemlock | SC | 20.4 | 64.1 | 97 | 161.1 | 2001 | 78 |
| <i>Ulmus</i> | <i>alata</i> | Winged elm | AL | 25.6 | 80.4 | 120 | 200.4 | 2005 | 19,331 |
| <i>Ulmus</i> | <i>americana</i> | American elm | MS | 41.3 | 129.7 | 116 | 245.7 | 2006 | 8,330 |
| <i>Ulmus</i> | <i>crassifolia</i> | Cedar elm | LA | 29.5 | 92.7 | 102 | 194.7 | 2003 | 1,822 |
| <i>Ulmus</i> | <i>pumila</i> | Siberian elm | TX | 11.9 | 37.4 | 61 | 98.4 | 2002 | 11 |
| <i>Ulmus</i> | <i>rubra</i> | Slippery elm | TN | 34.2 | 107.4 | 114 | 221.4 | 2001 | 4,209 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1971, 1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species for all States.

Table 2—Alabama big trees by genus and species

| Genus ^{a b} | Species | Common name | Diameter | Circumference | Height | Points ^c | Inventory year | N ^d |
|----------------------|----------------------|---------------------|--------------------|---------------|--------|---------------------|----------------|----------------|
| | | | ----- inches ----- | | feet | | | |
| <i>Acer</i> | <i>barbatum</i> | Florida maple | 30.1 | 94.6 | 94 | 188.6 | 2006 | 332 |
| <i>Acer</i> | <i>rubrum</i> | Red maple | 31.0 | 97.4 | 88 | 185.4 | 2003 | 4,773 |
| <i>Carya</i> | <i>alba</i> | Mockernut hickory | 22.0 | 69.1 | 129 | 198.1 | 2004 | 2,049 |
| <i>Carya</i> | <i>glabra</i> | Pignut hickory | 24.7 | 77.6 | 125 | 202.6 | 2005 | 1,961 |
| <i>Carya</i> | <i>ovata</i> | Shagbark hickory | 21.5 | 67.5 | 134 | 201.5 | 2001 | 530 |
| <i>Celtis</i> | <i>laevigata</i> | Sugarberry | 25.4 | 79.8 | 87 | 166.8 | 2003 | 391 |
| <i>Celtis</i> | <i>occidentalis</i> | Hackberry | 26.6 | 83.6 | 109 | 192.6 | 2004 | 325 |
| <i>Cornus</i> | <i>florida</i> | Flowering dogwood | 11.6 | 36.4 | 51 | 87.4 | 2001 | 2,361 |
| <i>Diospyros</i> | <i>virginiana</i> | Common persimmon | 14.6 | 45.9 | 94 | 139.9 | 2006 | 628 |
| <i>Fagus</i> | <i>grandifolia</i> | American beech | 25.9 | 81.4 | 117 | 198.4 | 2002 | 587 |
| <i>Fraxinus</i> | <i>americana</i> | White ash | 21.3 | 66.9 | 97 | 163.9 | 2006 | 371 |
| <i>Fraxinus</i> | <i>pennsylvanica</i> | Green ash | 25.7 | 80.7 | 120 | 200.7 | 2004 | 1,265 |
| <i>Ilex</i> | <i>opaca</i> | American holly | 11.2 | 35.2 | 69 | 104.2 | 2003 | 663 |
| <i>Juniperus</i> | <i>virginiana</i> | Eastern redcedar | 28.5 | 89.5 | 65 | 154.5 | 2001 | 1,167 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | 44.6 | 140.1 | 123 | 263.1 | 2003 | 13,326 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 31.0 | 97.4 | 140 | 237.4 | 2001 | 3,945 |
| <i>Magnolia</i> | <i>grandiflora</i> | Southern magnolia | 25.4 | 79.8 | 100 | 179.8 | 2005 | 313 |
| <i>Magnolia</i> | <i>virginiana</i> | Sweetbay | 26.9 | 84.5 | 102 | 186.5 | 2002 | 2,348 |
| <i>Nyssa</i> | <i>aquatica</i> | Water tupelo | 23.2 | 72.9 | 112 | 184.9 | 2004 | 588 |
| <i>Nyssa</i> | <i>biflora</i> | Swamp tupelo | 29.6 | 93.0 | 110 | 203.0 | 2004 | 1,222 |
| <i>Nyssa</i> | <i>sylvatica</i> | Blackgum | 24.5 | 77.0 | 122 | 199.0 | 2002 | 3,269 |
| <i>Ostrya</i> | <i>virginiana</i> | Eastern hophornbeam | 8.7 | 27.3 | 81 | 108.3 | 2002 | 669 |
| <i>Pinus</i> | <i>echinata</i> | Shortleaf pine | 23.1 | 72.6 | 122 | 194.6 | 2001 | 2,620 |
| <i>Pinus</i> | <i>elliottii</i> | Slash pine | 30.3 | 95.2 | 130 | 225.2 | 2002 | 2,678 |
| <i>Pinus</i> | <i>glabra</i> | Spruce pine | 27.0 | 84.8 | 118 | 202.8 | 2002 | 311 |
| <i>Pinus</i> | <i>palustris</i> | Longleaf pine | 24.0 | 75.4 | 94 | 169.4 | 2004 | 2,116 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 26.7 | 83.9 | 140 | 223.9 | 2005 | 44,939 |
| <i>Pinus</i> | <i>virginiana</i> | Virginia pine | 24.1 | 75.7 | 77 | 152.7 | 2005 | 2,474 |
| <i>Prunus</i> | <i>serotina</i> | Black cherry | 23.0 | 72.3 | 91 | 163.3 | 2003 | 1,745 |
| <i>Quercus</i> | <i>alba</i> | White oak | 28.9 | 90.8 | 130 | 220.8 | 2005 | 3,106 |
| <i>Quercus</i> | <i>coccinea</i> | Scarlet oak | 40.5 | 127.2 | 115 | 242.2 | 2003 | 544 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | 39.1 | 122.8 | 86 | 208.8 | 2001 | 2,420 |
| <i>Quercus</i> | <i>laurifolia</i> | Laurel oak | 43.0 | 135.1 | 90 | 225.1 | 2005 | 1,844 |
| <i>Quercus</i> | <i>marilandica</i> | Blackjack oak | 20.1 | 63.1 | 69 | 132.1 | 2005 | 352 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | 34.6 | 108.7 | 125 | 233.7 | 2002 | 6,636 |
| <i>Quercus</i> | <i>pagoda</i> | Cherrybark oak | 46.4 | 145.8 | 125 | 270.8 | 2004 | 337 |
| <i>Quercus</i> | <i>phellos</i> | Willow oak | 37.0 | 116.2 | 128 | 244.2 | 2002 | 468 |
| <i>Quercus</i> | <i>prinus</i> | Chestnut oak | 22.8 | 71.6 | 120 | 191.6 | 2004 | 1,737 |
| <i>Quercus</i> | <i>rubra</i> | Northern red oak | 26.4 | 82.9 | 103 | 185.9 | 2003 | 530 |
| <i>Quercus</i> | <i>stellata</i> | Post oak | 37.0 | 116.2 | 91 | 207.2 | 2002 | 1,671 |
| <i>Quercus</i> | <i>velutina</i> | Black oak | 37.1 | 116.6 | 119 | 235.6 | 2002 | 759 |
| <i>Sassafras</i> | <i>albidum</i> | Sassafras | 20.6 | 64.7 | 100 | 164.7 | 2004 | 368 |
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 38.7 | 121.6 | 103 | 224.6 | 2002 | 315 |
| <i>Ulmus</i> | <i>alata</i> | Winged elm | 25.6 | 80.4 | 120 | 200.4 | 2005 | 1,255 |
| <i>Ulmus</i> | <i>americana</i> | American elm | 29.6 | 93.0 | 95 | 188.0 | 2006 | 443 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 3—Arkansas big trees by genus and species

| Genus ^{a b} | Species | Common name | Diameter | Circumference | Height | Points ^c | Inventory year | N ^d |
|----------------------|----------------------|-----------------------|--------------------|---------------|--------|---------------------|----------------|----------------|
| | | | ----- inches ----- | | feet | | | |
| <i>Acer</i> | <i>barbatum</i> | Florida maple | 21.2 | 66.6 | 114 | 218.8 | 2000 | 659 |
| <i>Acer</i> | <i>negundo</i> | Boxelder | 24.2 | 76.0 | 90 | 166.0 | 2005 | 373 |
| <i>Acer</i> | <i>rubrum</i> | Red maple | 34.7 | 109.0 | 113 | 222.0 | 2000 | 3,557 |
| <i>Carya</i> | <i>alba</i> | Mockernut hickory | 31.4 | 98.6 | 90 | 188.6 | 2004 | 3,520 |
| <i>Carya</i> | <i>aquatica</i> | Water hickory | 35.3 | 110.9 | 115 | 225.9 | 2005 | 364 |
| <i>Carya</i> | <i>cordiformis</i> | Bitternut hickory | 20.5 | 64.4 | 105 | 169.4 | 2004 | 434 |
| <i>Carya</i> | <i>glabra</i> | Pignut hickory | 24.4 | 76.7 | 114 | 190.7 | 2000 | 455 |
| <i>Carya</i> | <i>ovata</i> | Shagbark hickory | 30.2 | 94.9 | 97 | 191.9 | 2004 | 718 |
| <i>Carya</i> | <i>texana</i> | Black hickory | 26.7 | 83.9 | 106 | 189.9 | 2004 | 5,737 |
| <i>Celtis</i> | <i>laevigata</i> | Sugarberry | 38.5 | 121.0 | 105 | 226.0 | 2000 | 1,390 |
| <i>Celtis</i> | <i>occidentalis</i> | Hackberry | 29.2 | 91.7 | 96 | 187.7 | 2005 | 358 |
| <i>Cornus</i> | <i>florida</i> | Flowering dogwood | 9.1 | 28.6 | 52 | 80.6 | 2003 | 1,908 |
| <i>Diospyros</i> | <i>virginiana</i> | Common persimmon | 18.4 | 57.8 | 91 | 148.8 | 2006 | 759 |
| <i>Fagus</i> | <i>grandifolia</i> | American beech | 39.4 | 123.8 | 105 | 228.8 | 2005 | 355 |
| <i>Fraxinus</i> | <i>americana</i> | White ash | 20.1 | 63.1 | 115 | 178.1 | 2004 | 855 |
| <i>Fraxinus</i> | <i>pennsylvanica</i> | Green ash | 32.0 | 100.5 | 113 | 213.5 | 2005 | 1,955 |
| <i>Ilex</i> | <i>opaca</i> | American holly | 18.5 | 58.1 | 77 | 135.1 | 2005 | 903 |
| <i>Juniperus</i> | <i>virginiana</i> | Eastern redcedar | 23.8 | 74.8 | 64 | 138.8 | 2002 | 5,099 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | 44.1 | 138.5 | 110 | 248.5 | 2003 | 10,112 |
| <i>Nyssa</i> | <i>aquatica</i> | Water tupelo | 44.8 | 140.7 | 86 | 226.7 | 2004 | 558 |
| <i>Nyssa</i> | <i>sylvatica</i> | Blackgum | 25.8 | 81.1 | 135 | 216.1 | 2002 | 3,858 |
| <i>Ostrya</i> | <i>virginiana</i> | Eastern hophornbeam | 25.3 | 79.5 | 45 | 124.5 | 2006 | 1,687 |
| <i>Pinus</i> | <i>echinata</i> | Shortleaf pine | 25.0 | 78.5 | 120 | 198.5 | 2003 | 12,246 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 39.6 | 124.4 | 120 | 244.4 | 2004 | 24,777 |
| <i>Planera</i> | <i>aquatica</i> | Water-elm, planertree | 10.6 | 33.3 | 68 | 101.3 | 2006 | 494 |
| <i>Platanus</i> | <i>occidentalis</i> | American sycamore | 36.4 | 114.4 | 110 | 224.4 | 2000 | 385 |
| <i>Prunus</i> | <i>serotina</i> | Black cherry | 25.8 | 81.1 | 97 | 178.1 | 2003 | 1,201 |
| <i>Quercus</i> | <i>alba</i> | White oak | 38.4 | 120.6 | 110 | 230.6 | 2002 | 10,657 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | 33.0 | 103.7 | 121 | 224.7 | 2000 | 3,007 |
| <i>Quercus</i> | <i>lyrata</i> | Overcup oak | 42.5 | 133.5 | 110 | 243.5 | 2002 | 1,057 |
| <i>Quercus</i> | <i>marilandica</i> | Blackjack oak | 22.3 | 70.1 | 57 | 127.1 | 2004 | 1,007 |
| <i>Quercus</i> | <i>muehlenbergii</i> | Chinkapin oak | 25.5 | 80.1 | 70 | 150.1 | 2002 | 512 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | 44.2 | 138.9 | 129 | 267.9 | 2002 | 2,099 |
| <i>Quercus</i> | <i>nuttallii</i> | Nuttall oak | 36.9 | 115.9 | 125 | 240.9 | 2002 | 381 |
| <i>Quercus</i> | <i>pagoda</i> | Cherrybark oak | 41.9 | 131.6 | 120 | 251.6 | 2002 | 1,210 |
| <i>Quercus</i> | <i>phellos</i> | Willow oak | 30.4 | 95.5 | 132 | 227.5 | 2002 | 1,515 |
| <i>Quercus</i> | <i>rubra</i> | Northern red oak | 40.9 | 128.5 | 90 | 218.5 | 2003 | 3,386 |
| <i>Quercus</i> | <i>stellata</i> | Post oak | 41.7 | 131.0 | 82 | 213.0 | 2000 | 7,841 |
| <i>Quercus</i> | <i>velutina</i> | Black oak | 59.4 | 186.6 | 110 | 296.6 | 2000 | 3,689 |
| <i>Salix</i> | <i>nigra</i> | Black willow | 42.0 | 131.9 | 87 | 218.9 | 2005 | 390 |
| <i>Sassafras</i> | <i>albidum</i> | Sassafras | 27.1 | 85.1 | 96 | 181.1 | 2005 | 658 |
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 78.5 | 246.6 | 93 | 339.6 | 2000 | 688 |
| <i>Ulmus</i> | <i>alata</i> | Winged elm | 21.1 | 66.3 | 94 | 160.3 | 2004 | 4,237 |
| <i>Ulmus</i> | <i>americana</i> | American elm | 39.4 | 123.8 | 95 | 218.8 | 2000 | 918 |
| <i>Ulmus</i> | <i>rubra</i> | Slippery elm | 29.0 | 91.1 | 105 | 196.1 | 2004 | 619 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1971, 1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 4—Florida big trees by genus and species

| Genus ^{a b} | Species | Common name | Diameter | Circum- | Height | Points ^c | Inventory year | N ^d |
|----------------------|--|----------------------|--------------------|---------|--------|---------------------|----------------|----------------|
| | | | ----- inches ----- | ference | | | | |
| <i>Acer</i> | <i>rubrum</i> | Red maple | 41.5 | 130.4 | 107 | 237.4 | 2005 | 2,320 |
| <i>Carya</i> | <i>alba</i> | Mockernut hickory | 25.3 | 79.5 | 96 | 175.5 | 2006 | 109 |
| <i>Carya</i> | <i>glabra</i> | Pignut hickory | 23.6 | 74.1 | 111 | 185.1 | 2006 | 160 |
| <i>Celtis</i> | <i>occidentalis</i> | Hackberry | 18.6 | 58.4 | 110 | 168.4 | 2005 | 66 |
| <i>Chamaecyparis</i> | <i>thyoides</i> | Atlantic white-cedar | 26.9 | 84.5 | 99 | 183.5 | 2003 | 252 |
| <i>Cornus</i> | <i>florida</i> | Flowering dogwood | 10.9 | 34.2 | 65 | 99.2 | 2003 | 138 |
| <i>Diospyros</i> | <i>virginiana</i> | Common persimmon | 16.9 | 53.1 | 83 | 136.1 | 2003 | 91 |
| <i>Fraxinus</i> | <i>caroliniana</i> | Carolina ash | 14.3 | 44.9 | 86 | 130.9 | 2005 | 207 |
| <i>Fraxinus</i> | <i>pennsylvanica</i> | Green ash | 27.5 | 86.4 | 118 | 204.4 | 2004 | 1,052 |
| <i>Fraxinus</i> | <i>profunda</i> | Pumpkin ash | 21.0 | 66.0 | 90 | 156.0 | 2006 | 332 |
| <i>Gordonia</i> | <i>lasianthus</i> | Loblolly-bay | 31.2 | 98.0 | 84 | 182.0 | 2003 | 1,277 |
| <i>Ilex</i> | <i>opaca</i> | American holly | 11.3 | 35.5 | 64 | 99.5 | 2006 | 148 |
| <i>Juniperus</i> | <i>virginiana</i> | Eastern redcedar | 18.9 | 59.4 | 71 | 130.4 | 2003 | 89 |
| <i>Juniperus</i> | <i>virginiana</i> var. <i>silicicola</i> | Southern redcedar | 24.5 | 77.0 | 62 | 139.0 | 2006 | 61 |
| <i>Laguncularia</i> | <i>racemosa</i> | White-mangrove | 8.0 | 25.1 | 32 | 57.1 | 2004 | 60 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | 34.2 | 107.4 | 101 | 208.4 | 2003 | 1,728 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 27.8 | 87.3 | 100 | 187.3 | 2005 | 234 |
| <i>Magnolia</i> | <i>grandiflora</i> | Southern magnolia | 29.4 | 92.4 | 105 | 197.4 | 2005 | 244 |
| <i>Magnolia</i> | <i>virginiana</i> | Sweetbay | 36.7 | 115.3 | 80 | 195.3 | 2006 | 2,534 |
| <i>Melaleuca</i> | <i>quinquenervia</i> | Melaleuca | 25.5 | 80.1 | 68 | 148.1 | 2006 | 356 |
| <i>Nyssa</i> | <i>aquatica</i> | Water tupelo | 37.6 | 118.1 | 77 | 195.1 | 2004 | 823 |
| <i>Nyssa</i> | <i>biflora</i> | Swamp tupelo | 32.0 | 100.5 | 122 | 222.5 | 2005 | 5,272 |
| <i>Nyssa</i> | <i>sylvatica</i> | Blackgum | 26.6 | 83.6 | 85 | 168.6 | 2006 | 197 |
| <i>Ostrya</i> | <i>virginiana</i> | Eastern hophornbeam | 17.9 | 56.2 | 64 | 120.2 | 2003 | 66 |
| <i>Pinus</i> | <i>clausa</i> | Sand pine | 25.5 | 80.1 | 90 | 170.1 | 2005 | 2,717 |
| <i>Pinus</i> | <i>echinata</i> | Shortleaf pine | 23.2 | 72.9 | 132 | 204.9 | 2004 | 61 |
| <i>Pinus</i> | <i>elliottii</i> | Slash pine | 29.2 | 91.7 | 115 | 206.7 | 2005 | 20,758 |
| <i>Pinus</i> | <i>glabra</i> | Spruce pine | 28.0 | 88.0 | 127 | 215.0 | 2006 | 75 |
| <i>Pinus</i> | <i>palustris</i> | Longleaf pine | 25.3 | 79.5 | 113 | 192.5 | 2005 | 2,807 |
| <i>Pinus</i> | <i>serotina</i> | Pond pine | 31.0 | 97.4 | 111 | 208.4 | 2006 | 334 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 29.2 | 91.7 | 127 | 218.7 | 2005 | 4,614 |
| <i>Prunus</i> | <i>serotina</i> | Black cherry | 19.5 | 61.3 | 86 | 147.3 | 2004 | 272 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | 38.0 | 119.4 | 86 | 205.4 | 2003 | 142 |
| <i>Quercus</i> | <i>incana</i> | Bluejack oak | 11.5 | 36.1 | 42 | 78.1 | 2006 | 117 |
| <i>Quercus</i> | <i>laevis</i> | Turkey oak | 18.9 | 59.4 | 63 | 122.4 | 2005 | 1,104 |
| <i>Quercus</i> | <i>laurifolia</i> | Laurel oak | 42.0 | 131.9 | 111 | 242.9 | 2006 | 4,082 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | 25.4 | 79.8 | 128 | 207.8 | 2004 | 2,205 |
| <i>Quercus</i> | <i>stellata</i> | Post oak | 19.2 | 60.3 | 82 | 142.3 | 2006 | 94 |
| <i>Quercus</i> | <i>stellata</i> var. <i>margaretta</i> | Dwarf post oak | 15.9 | 50.0 | 67 | 117.0 | 2004 | 195 |
| <i>Quercus</i> | <i>virginiana</i> | Live oak | 65.8 | 206.7 | 98 | 304.7 | 2003 | 2,595 |
| <i>Salix</i> | <i>caroliniana</i> | Coastal plain willow | 12.6 | 39.6 | 68 | 107.6 | 2005 | 98 |
| <i>Taxodium</i> | <i>ascendens</i> | Pondcypress | 30.0 | 94.2 | 105 | 199.2 | 2005 | 6,288 |
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 67.9 | 213.3 | 110 | 323.3 | 2006 | 1,482 |
| <i>Tilia</i> | <i>americana</i> var. <i>caroliniana</i> | Carolina basswood | 23.6 | 74.1 | 106 | 180.1 | 2005 | 67 |
| <i>Ulmus</i> | <i>americana</i> | American elm | 29.5 | 92.7 | 94 | 186.7 | 2006 | 275 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 5—Georgia big trees by genus and species

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^c | Inventory year | N ^d |
|----------------------|--|---------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Acer</i> | <i>barbatum</i> | Florida maple | 18.4 | 57.8 | 85 | 142.8 | 2006 | 232 |
| <i>Acer</i> | <i>rubrum</i> | Red maple | 31.6 | 99.3 | 103 | 202.3 | 2000 | 7,530 |
| <i>Carya</i> | <i>alba</i> | Mockernut hickory | 25.1 | 78.9 | 108 | 186.9 | 2002 | 1,144 |
| <i>Carya</i> | <i>glabra</i> | Pignut hickory | 30.1 | 94.6 | 120 | 214.6 | 2003 | 1,585 |
| <i>Cornus</i> | <i>florida</i> | Flowering dogwood | 8.0 | 25.1 | 52 | 77.1 | 2000 | 1,689 |
| <i>Diospyros</i> | <i>virginiana</i> | Common persimmon | 20.5 | 64.4 | 117 | 181.4 | 2006 | 412 |
| <i>Fagus</i> | <i>grandifolia</i> | American beech | 31.8 | 99.9 | 110 | 209.9 | 2004 | 207 |
| <i>Fraxinus</i> | <i>pennsylvanica</i> | Green ash | 32.8 | 103.0 | 100 | 203.0 | 2004 | 921 |
| <i>Gordonia</i> | <i>lasianthus</i> | Loblolly-bay | 19.0 | 59.7 | 70 | 129.7 | 2004 | 954 |
| <i>Ilex</i> | <i>opaca</i> | American holly | 16.3 | 51.2 | 68 | 119.2 | 2001 | 399 |
| <i>Juniperus</i> | <i>virginiana</i> | Eastern redcedar | 14.7 | 46.2 | 80 | 126.2 | 2002 | 423 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | 28.3 | 88.9 | 115 | 203.9 | 2006 | 11,318 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 39.7 | 124.7 | 148 | 272.7 | 2006 | 4,162 |
| <i>Magnolia</i> | <i>virginiana</i> | Sweetbay | 27.4 | 86.1 | 84 | 170.1 | 2006 | 1,507 |
| <i>Nyssa</i> | <i>aquatica</i> | Water tupelo | 38.2 | 120.0 | 90 | 210.0 | 2001 | 515 |
| <i>Nyssa</i> | <i>biflora</i> | Swamp tupelo | 42.6 | 133.8 | 90 | 223.8 | 2000 | 7,555 |
| <i>Nyssa</i> | <i>ogeche</i> | Ogeechee tupelo | 24.6 | 77.3 | 90 | 167.3 | 2006 | 226 |
| <i>Nyssa</i> | <i>sylvatica</i> | Blackgum | 28.0 | 88.0 | 93 | 181.0 | 2001 | 1,470 |
| <i>Ostrya</i> | <i>virginiana</i> | Eastern hophornbeam | 22.5 | 70.7 | 65 | 135.7 | 2005 | 211 |
| <i>Pinus</i> | <i>echinata</i> | Shortleaf pine | 20.4 | 64.1 | 106 | 170.1 | 2002 | 2,119 |
| <i>Pinus</i> | <i>elliottii</i> | Slash pine | 27.5 | 86.4 | 122 | 208.4 | 2000 | 18,387 |
| <i>Pinus</i> | <i>palustris</i> | Longleaf pine | 23.1 | 72.6 | 109 | 181.6 | 2002 | 1,404 |
| <i>Pinus</i> | <i>serotina</i> | Pond pine | 20.2 | 63.5 | 81 | 144.5 | 2006 | 277 |
| <i>Pinus</i> | <i>strobus</i> | Eastern white pine | 35.6 | 111.8 | 140 | 251.8 | 2004 | 587 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 36.0 | 113.1 | 109 | 222.1 | 2005 | 45,572 |
| <i>Pinus</i> | <i>virginiana</i> | Virginia pine | 19.0 | 59.7 | 111 | 170.7 | 2000 | 1,723 |
| <i>Prunus</i> | <i>serotina</i> | Black cherry | 20.1 | 63.1 | 125 | 188.1 | 2000 | 1,673 |
| <i>Quercus</i> | <i>alba</i> | White oak | 43.1 | 135.4 | 118 | 253.4 | 2005 | 3,085 |
| <i>Quercus</i> | <i>coccinea</i> | Scarlet oak | 31.1 | 97.7 | 124 | 221.7 | 2005 | 1,060 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | 47.4 | 148.9 | 89 | 237.9 | 2003 | 1,901 |
| <i>Quercus</i> | <i>laevis</i> | Turkey oak | 9.8 | 30.8 | 67 | 97.8 | 2005 | 299 |
| <i>Quercus</i> | <i>laurifolia</i> | Laurel oak | 35.8 | 112.5 | 123 | 235.5 | 2006 | 2,806 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | 38.9 | 122.2 | 126 | 248.2 | 2003 | 6,810 |
| <i>Quercus</i> | <i>phellos</i> | Willow oak | 30.3 | 95.2 | 107 | 202.2 | 2004 | 303 |
| <i>Quercus</i> | <i>prinus</i> | Chestnut oak | 31.2 | 98.0 | 102 | 200.0 | 2003 | 2,061 |
| <i>Quercus</i> | <i>rubra</i> | Northern red oak | 27.1 | 85.1 | 125 | 210.1 | 2005 | 430 |
| <i>Quercus</i> | <i>stellata</i> | Post oak | 21.7 | 68.2 | 111 | 179.2 | 2004 | 1,141 |
| <i>Quercus</i> | <i>stellata</i> var. <i>margaretta</i> | Dwarf post oak | 11.8 | 37.1 | 64 | 101.1 | 2004 | 238 |
| <i>Quercus</i> | <i>velutina</i> | Black oak | 30.4 | 95.5 | 129 | 224.5 | 2006 | 622 |
| <i>Quercus</i> | <i>virginiana</i> | Live oak | 48.8 | 153.3 | 78 | 231.3 | 2006 | 550 |
| <i>Salix</i> | <i>nigra</i> | Black willow | 17.1 | 53.7 | 88 | 141.7 | 2003 | 314 |
| <i>Taxodium</i> | <i>ascendens</i> | Pondcypress | 29.8 | 93.6 | 104 | 197.6 | 2006 | 2,040 |
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 58.1 | 182.5 | 119 | 301.5 | 2002 | 292 |
| <i>Ulmus</i> | <i>alata</i> | Winged elm | 23.6 | 74.1 | 105 | 179.1 | 2000 | 1,146 |
| <i>Ulmus</i> | <i>americana</i> | American elm | 34.1 | 107.1 | 87 | 194.1 | 2005 | 321 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 6—Kentucky big trees by genus and species

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^c | Inventory year | N ^d |
|----------------------|----------------------|---------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Acer</i> | <i>negundo</i> | Boxelder | 25.5 | 80.1 | 92 | 172.1 | 2004 | 659 |
| <i>Acer</i> | <i>rubrum</i> | Red maple | 38.9 | 122.2 | 94 | 216.2 | 2004 | 5,922 |
| <i>Acer</i> | <i>saccharinum</i> | Silver maple | 32.3 | 101.5 | 145 | 246.5 | 2005 | 263 |
| <i>Acer</i> | <i>saccharum</i> | Sugar maple | 43.7 | 137.3 | 110 | 247.3 | 2005 | 5,263 |
| <i>Aesculus</i> | <i>flava</i> | Yellow buckeye | 21.3 | 66.9 | 85 | 151.9 | 2001 | 269 |
| <i>Ailanthus</i> | <i>altissima</i> | Ailanthus | 13.3 | 41.8 | 90 | 131.8 | 2002 | 246 |
| <i>Betula</i> | <i>lenta</i> | Sweet birch | 28.6 | 89.8 | 98 | 187.8 | 2004 | 522 |
| <i>Carya</i> | <i>alba</i> | Mockernut hickory | 20.4 | 64.1 | 142 | 206.1 | 2005 | 1,496 |
| <i>Carya</i> | <i>cordiformis</i> | Bitternut hickory | 21.6 | 67.9 | 133 | 200.9 | 2002 | 634 |
| <i>Carya</i> | <i>glabra</i> | Pignut hickory | 25.5 | 80.1 | 130 | 210.1 | 2005 | 2,329 |
| <i>Carya</i> | <i>laciniosa</i> | Shellbark hickory | 18.3 | 57.5 | 120 | 177.5 | 2004 | 390 |
| <i>Carya</i> | <i>ovata</i> | Shagbark hickory | 21.6 | 67.9 | 125 | 192.9 | 2000 | 866 |
| <i>Celtis</i> | <i>occidentalis</i> | Hackberry | 20.0 | 62.8 | 112 | 174.8 | 2002 | 769 |
| <i>Cornus</i> | <i>florida</i> | Flowering dogwood | 10.0 | 31.4 | 64 | 95.4 | 2001 | 1,259 |
| <i>Diospyros</i> | <i>virginiana</i> | Common persimmon | 17.3 | 54.3 | 73 | 127.3 | 2004 | 266 |
| <i>Fagus</i> | <i>grandifolia</i> | American beech | 31.4 | 98.6 | 142 | 240.6 | 2005 | 2,249 |
| <i>Fraxinus</i> | <i>americana</i> | White ash | 29.2 | 91.7 | 110 | 201.7 | 2000 | 1,720 |
| <i>Fraxinus</i> | <i>pennsylvanica</i> | Green ash | 31.6 | 99.3 | 109 | 208.3 | 2002 | 1,205 |
| <i>Juglans</i> | <i>nigra</i> | Black walnut | 17.9 | 56.2 | 108 | 164.2 | 2003 | 833 |
| <i>Juniperus</i> | <i>virginiana</i> | Eastern redcedar | 19.2 | 60.3 | 73 | 133.3 | 2002 | 3,539 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | 25.6 | 80.4 | 120 | 200.4 | 2001 | 1,130 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 39.8 | 125.0 | 139 | 264.0 | 2005 | 5,043 |
| <i>Nyssa</i> | <i>sylvatica</i> | Blackgum | 24.0 | 75.4 | 114 | 189.4 | 2001 | 1,714 |
| <i>Ostrya</i> | <i>virginiana</i> | Eastern hophornbeam | 12.5 | 39.3 | 93 | 132.3 | 2002 | 277 |
| <i>Pinus</i> | <i>echinata</i> | Shortleaf pine | 17.7 | 55.6 | 110 | 165.6 | 2001 | 323 |
| <i>Pinus</i> | <i>strobus</i> | Eastern white pine | 21.3 | 66.9 | 117 | 183.9 | 2003 | 258 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 26.3 | 82.6 | 70 | 152.6 | 2005 | 316 |
| <i>Pinus</i> | <i>virginiana</i> | Virginia pine | 19.4 | 60.9 | 100 | 160.9 | 2003 | 1,347 |
| <i>Platanus</i> | <i>occidentalis</i> | American sycamore | 60.9 | 191.3 | 84 | 275.3 | 2002 | 655 |
| <i>Prunus</i> | <i>serotina</i> | Black cherry | 20.8 | 65.3 | 130 | 195.3 | 2000 | 898 |
| <i>Quercus</i> | <i>alba</i> | White oak | 27.8 | 87.3 | 134 | 221.3 | 2003 | 4,043 |
| <i>Quercus</i> | <i>coccinea</i> | Scarlet oak | 48.1 | 151.1 | 77 | 228.1 | 2003 | 1,238 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | 48.9 | 153.6 | 83 | 236.6 | 2005 | 403 |
| <i>Quercus</i> | <i>muehlenbergii</i> | Chinkapin oak | 43.8 | 137.6 | 104 | 241.6 | 2001 | 840 |
| <i>Quercus</i> | <i>prinus</i> | Chestnut oak | 26.6 | 83.6 | 122 | 205.6 | 2003 | 2,639 |
| <i>Quercus</i> | <i>rubra</i> | Northern red oak | 32.2 | 101.2 | 136 | 237.2 | 2005 | 1,191 |
| <i>Quercus</i> | <i>stellata</i> | Post oak | 25.9 | 81.4 | 87 | 168.4 | 2005 | 492 |
| <i>Quercus</i> | <i>velutina</i> | Black oak | 28.9 | 90.8 | 140 | 230.8 | 2004 | 1,454 |
| <i>Robinia</i> | <i>pseudoacacia</i> | Black locust | 15.9 | 50.0 | 107 | 157.0 | 2000 | 909 |
| <i>Sassafras</i> | <i>albidum</i> | Sassafras | 21.3 | 66.9 | 79 | 145.9 | 2004 | 1,706 |
| <i>Tilia</i> | <i>americana</i> | American basswood | 21.7 | 68.2 | 117 | 185.2 | 2003 | 386 |
| <i>Tsuga</i> | <i>canadensis</i> | Eastern hemlock | 22.2 | 69.7 | 149 | 218.7 | 2005 | 648 |
| <i>Ulmus</i> | <i>alata</i> | Winged elm | 21.2 | 66.6 | 98 | 164.6 | 2003 | 594 |
| <i>Ulmus</i> | <i>americana</i> | American elm | 25.5 | 80.1 | 87 | 167.1 | 2003 | 798 |
| <i>Ulmus</i> | <i>rubra</i> | Slippery elm | 26.8 | 84.2 | 89 | 173.2 | 2002 | 842 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 7—Louisiana big trees by genus and species

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^c | Inventory year | N ^d |
|----------------------|----------------------|-----------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Acer</i> | <i>negundo</i> | Boxelder | 21.4 | 67.2 | 95 | 162.2 | 2001 | 460 |
| <i>Acer</i> | <i>rubrum</i> | Red maple | 40.9 | 128.5 | 102 | 230.5 | 2003 | 3,132 |
| <i>Carya</i> | <i>alba</i> | Mockernut hickory | 28.8 | 90.5 | 144 | 234.5 | 2005 | 522 |
| <i>Carya</i> | <i>aquatica</i> | Water hickory | 38.5 | 121.0 | 135 | 256.0 | 2002 | 698 |
| <i>Carya</i> | <i>illinoensis</i> | Pecan | 49.2 | 154.6 | 119 | 273.6 | 2004 | 230 |
| <i>Celtis</i> | <i>laevigata</i> | Sugarberry | 34.4 | 108.1 | 95 | 203.1 | 2002 | 1,529 |
| <i>Cornus</i> | <i>florida</i> | Flowering dogwood | 13.1 | 41.2 | 69 | 110.2 | 2001 | 461 |
| <i>Diospyros</i> | <i>virginiana</i> | Common persimmon | 19.5 | 61.3 | 94 | 155.3 | 2003 | 201 |
| <i>Fagus</i> | <i>grandifolia</i> | American beech | 40.4 | 126.9 | 107 | 233.9 | 2005 | 401 |
| <i>Fraxinus</i> | <i>americana</i> | White ash | 24.6 | 77.3 | 103 | 180.3 | 2001 | 125 |
| <i>Fraxinus</i> | <i>pennsylvanica</i> | Green ash | 34.7 | 109.0 | 113 | 222.0 | 2002 | 1,739 |
| <i>Gleditsia</i> | <i>triacanthos</i> | Honeylocust | 32.6 | 102.4 | 104 | 206.4 | 2002 | 222 |
| <i>Ilex</i> | <i>opaca</i> | American holly | 14.5 | 45.6 | 76 | 121.6 | 2003 | 390 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | 36.0 | 113.1 | 115 | 228.1 | 2002 | 7,103 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 38.1 | 119.7 | 112 | 231.7 | 2004 | 146 |
| <i>Magnolia</i> | <i>grandiflora</i> | Southern magnolia | 32.9 | 103.4 | 97 | 200.4 | 2001 | 192 |
| <i>Magnolia</i> | <i>virginiana</i> | Sweetbay | 22.2 | 69.7 | 105 | 174.7 | 2002 | 440 |
| <i>Nyssa</i> | <i>aquatica</i> | Water tupelo | 35.1 | 110.3 | 92 | 202.3 | 2004 | 1,897 |
| <i>Nyssa</i> | <i>biflora</i> | Swamp tupelo | 30.0 | 94.2 | 109 | 203.2 | 2003 | 600 |
| <i>Nyssa</i> | <i>sylvatica</i> | Blackgum | 31.2 | 98.0 | 109 | 207.0 | 2002 | 1,734 |
| <i>Ostrya</i> | <i>virginiana</i> | Eastern hophornbeam | 12.7 | 39.9 | 74 | 113.9 | 2001 | 531 |
| <i>Pinus</i> | <i>echinata</i> | Shortleaf pine | 31.6 | 99.3 | 107 | 206.3 | 2002 | 636 |
| <i>Pinus</i> | <i>elliottii</i> | Slash pine | 22.6 | 71.0 | 114 | 185.0 | 2003 | 2,807 |
| <i>Pinus</i> | <i>palustris</i> | Longleaf pine | 19.8 | 62.2 | 113 | 175.2 | 2001 | 925 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 36.5 | 114.7 | 136 | 250.7 | 2001 | 22,970 |
| <i>Planera</i> | <i>aquatica</i> | Water-elm, planertree | 17.2 | 54.0 | 54 | 108.0 | 2004 | 172 |
| <i>Platanus</i> | <i>occidentalis</i> | American sycamore | 31.0 | 97.4 | 100 | 197.4 | 2001 | 214 |
| <i>Prunus</i> | <i>serotina</i> | Black cherry | 16.9 | 53.1 | 93 | 146.1 | 2001 | 350 |
| <i>Quercus</i> | <i>alba</i> | White oak | 38.4 | 120.6 | 105 | 225.6 | 2004 | 1,159 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | 36.9 | 115.9 | 113 | 228.9 | 2003 | 1,381 |
| <i>Quercus</i> | <i>laurifolia</i> | Laurel oak | 49.2 | 154.6 | 105 | 259.6 | 2002 | 465 |
| <i>Quercus</i> | <i>lyrata</i> | Overcup oak | 49.5 | 155.5 | 92 | 247.5 | 2002 | 764 |
| <i>Quercus</i> | <i>michauxii</i> | Swamp chestnut oak | 42.9 | 134.8 | 135 | 269.8 | 2002 | 214 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | 55.5 | 174.4 | 135 | 309.4 | 2003 | 3,402 |
| <i>Quercus</i> | <i>nuttallii</i> | Nuttall oak | 62.2 | 195.4 | 127 | 322.4 | 2002 | 406 |
| <i>Quercus</i> | <i>pagoda</i> | Cherrybark oak | 56.2 | 176.6 | 84 | 260.6 | 2003 | 594 |
| <i>Quercus</i> | <i>phellos</i> | Willow oak | 34.1 | 107.1 | 129 | 236.1 | 2003 | 907 |
| <i>Quercus</i> | <i>stellata</i> | Post oak | 37.1 | 116.6 | 107 | 223.6 | 2003 | 702 |
| <i>Salix</i> | <i>nigra</i> | Black willow | 34.7 | 109.0 | 110 | 219.0 | 2005 | 414 |
| <i>Sassafras</i> | <i>albidum</i> | Sassafras | 24.0 | 75.4 | 92 | 167.4 | 2001 | 183 |
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 61.0 | 191.6 | 100 | 291.6 | 2003 | 2,583 |
| <i>Ulmus</i> | <i>alata</i> | Winged elm | 16.9 | 53.1 | 102 | 155.1 | 2003 | 1,118 |
| <i>Ulmus</i> | <i>americana</i> | American elm | 41.6 | 130.7 | 95 | 225.7 | 2003 | 877 |
| <i>Ulmus</i> | <i>crassifolia</i> | Cedar elm | 29.5 | 92.7 | 102 | 194.7 | 2003 | 153 |
| <i>Ulmus</i> | <i>rubra</i> | Slippery elm | 25.0 | 78.5 | 95 | 173.5 | 2005 | 221 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1971, 1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 8—Mississippi big trees by genus and species

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^c | Inventory year | N ^d |
|----------------------|----------------------|---------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Acer</i> | <i>negundo</i> | Boxelder | 23.3 | 73.2 | 67 | 140.2 | 2006 | 624 |
| <i>Acer</i> | <i>rubrum</i> | Red maple | 28.4 | 89.2 | 110 | 199.2 | 2006 | 4,195 |
| <i>Carya</i> | <i>alba</i> | Mockernut hickory | 23.0 | 72.3 | 122 | 194.3 | 2006 | 1,266 |
| <i>Carya</i> | <i>aquatica</i> | Water hickory | 28.6 | 89.8 | 117 | 206.8 | 2006 | 465 |
| <i>Carya</i> | <i>glabra</i> | Pignut hickory | 28.1 | 88.3 | 130 | 218.3 | 2006 | 1,060 |
| <i>Carya</i> | <i>illinoensis</i> | Pecan | 54.1 | 170.0 | 152 | 322.0 | 2006 | 281 |
| <i>Carya</i> | <i>ovata</i> | Shagbark hickory | 21.3 | 66.9 | 127 | 193.9 | 2006 | 275 |
| <i>Celtis</i> | <i>laevigata</i> | Sugarberry | 28.8 | 90.5 | 130 | 220.5 | 2006 | 1,334 |
| <i>Cornus</i> | <i>florida</i> | Flowering dogwood | 20.3 | 63.8 | 84 | 147.8 | 2006 | 1,194 |
| <i>Diospyros</i> | <i>virginiana</i> | Common persimmon | 21.5 | 67.5 | 105 | 172.5 | 2006 | 677 |
| <i>Fagus</i> | <i>grandifolia</i> | American beech | 50.7 | 159.3 | 84 | 243.3 | 2006 | 567 |
| <i>Fraxinus</i> | <i>americana</i> | White ash | 26.3 | 82.6 | 121 | 203.6 | 2006 | 277 |
| <i>Fraxinus</i> | <i>pennsylvanica</i> | Green ash | 42.4 | 133.2 | 99 | 232.2 | 2006 | 1,651 |
| <i>Ilex</i> | <i>opaca</i> | American holly | 12.3 | 38.6 | 76 | 114.6 | 2006 | 545 |
| <i>Juniperus</i> | <i>virginiana</i> | Eastern redcedar | 20.6 | 64.7 | 105 | 169.7 | 2006 | 1,245 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | 71.0 | 223.1 | 84 | 307.1 | 2006 | 13,306 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 37.9 | 119.1 | 137 | 256.1 | 2006 | 2,710 |
| <i>Magnolia</i> | <i>grandiflora</i> | Southern magnolia | 32.6 | 102.4 | 102 | 204.4 | 2006 | 278 |
| <i>Magnolia</i> | <i>virginiana</i> | Sweetbay | 23.3 | 73.2 | 99 | 172.2 | 2006 | 2,084 |
| <i>Nyssa</i> | <i>aquatica</i> | Water tupelo | 24.4 | 76.7 | 126 | 202.7 | 2006 | 350 |
| <i>Nyssa</i> | <i>biflora</i> | Swamp tupelo | 18.2 | 57.2 | 130 | 187.2 | 2006 | 1,143 |
| <i>Nyssa</i> | <i>sylvatica</i> | Blackgum | 36.5 | 114.7 | 100 | 214.7 | 2006 | 3,186 |
| <i>Ostrya</i> | <i>virginiana</i> | Eastern hophornbeam | 9.2 | 28.9 | 69 | 97.9 | 2006 | 986 |
| <i>Pinus</i> | <i>echinata</i> | Shortleaf pine | 22.8 | 71.6 | 125 | 196.6 | 2006 | 2,256 |
| <i>Pinus</i> | <i>elliottii</i> | Slash pine | 41.9 | 131.6 | 74 | 205.6 | 2006 | 2,556 |
| <i>Pinus</i> | <i>palustris</i> | Longleaf pine | 20.7 | 65.0 | 118 | 183.0 | 2006 | 1,084 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 54.1 | 170.0 | 88 | 258.0 | 2006 | 39,774 |
| <i>Platanus</i> | <i>occidentalis</i> | American sycamore | 25.5 | 80.1 | 155 | 235.1 | 2006 | 504 |
| <i>Prunus</i> | <i>serotina</i> | Black cherry | 24.3 | 76.3 | 99 | 175.3 | 2006 | 1,713 |
| <i>Quercus</i> | <i>alba</i> | White oak | 28.0 | 88.0 | 155 | 243.0 | 2006 | 2,759 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | 46.4 | 145.8 | 84 | 229.8 | 2006 | 2,269 |
| <i>Quercus</i> | <i>laurifolia</i> | Laurel oak | 32.5 | 102.1 | 114 | 216.1 | 2006 | 647 |
| <i>Quercus</i> | <i>lyrata</i> | Overcup oak | 32.4 | 101.8 | 130 | 231.8 | 2006 | 450 |
| <i>Quercus</i> | <i>michauxii</i> | Swamp chestnut oak | 40.9 | 128.5 | 109 | 237.5 | 2006 | 267 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | 57.4 | 180.3 | 120 | 300.3 | 2006 | 6,004 |
| <i>Quercus</i> | <i>pagoda</i> | Cherrybark oak | 46.9 | 147.3 | 110 | 257.3 | 2006 | 1,352 |
| <i>Quercus</i> | <i>phellos</i> | Willow oak | 42.2 | 132.6 | 135 | 267.6 | 2006 | 733 |
| <i>Quercus</i> | <i>stellata</i> | Post oak | 37.8 | 118.8 | 93 | 211.8 | 2006 | 1,486 |
| <i>Quercus</i> | <i>velutina</i> | Black oak | 36.0 | 113.1 | 104 | 217.1 | 2006 | 389 |
| <i>Salix</i> | <i>nigra</i> | Black willow | 48.2 | 151.4 | 95 | 246.4 | 2006 | 695 |
| <i>Sassafras</i> | <i>albidum</i> | Sassafras | 24.8 | 77.9 | 115 | 192.9 | 2006 | 366 |
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 72.0 | 226.2 | 98 | 324.2 | 2006 | 585 |
| <i>Ulmus</i> | <i>alata</i> | Winged elm | 20.7 | 65.0 | 103 | 168.0 | 2006 | 2,449 |
| <i>Ulmus</i> | <i>americana</i> | American elm | 41.3 | 129.7 | 116 | 245.7 | 2006 | 873 |
| <i>Ulmus</i> | <i>rubra</i> | Slippery elm | 35.2 | 110.6 | 78 | 188.6 | 2006 | 472 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1971, 1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 9—North Carolina big trees by genus and species

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^c | Inventory year | N ^d |
|----------------------|-----------------------|--------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Acer</i> | <i>rubrum</i> | Red maple | 51.2 | 160.8 | 87 | 247.9 | 2002 | 26,915 |
| <i>Acer</i> | <i>saccharum</i> | Sugar maple | 37.4 | 117.5 | 119 | 236.5 | 2002 | 770 |
| <i>Betula</i> | <i>alleghaniensis</i> | Yellow birch | 28.9 | 90.8 | 86 | 176.8 | 2003 | 616 |
| <i>Betula</i> | <i>lenta</i> | Sweet birch | 23.5 | 73.8 | 115 | 188.8 | 2002 | 2,078 |
| <i>Betula</i> | <i>nigra</i> | River birch | 28.0 | 88.0 | 110 | 198.0 | 2003 | 611 |
| <i>Carya</i> | <i>alba</i> | Mockernut hickory | 23.2 | 72.9 | 110 | 182.9 | 2002 | 2,321 |
| <i>Carya</i> | <i>glabra</i> | Pignut hickory | 28.0 | 88.0 | 119 | 207.0 | 2003 | 2,454 |
| <i>Cornus</i> | <i>florida</i> | Flowering dogwood | 10.8 | 33.9 | 45 | 78.9 | 2005 | 3,032 |
| <i>Fagus</i> | <i>grandifolia</i> | American beech | 36.3 | 114.0 | 115 | 229.0 | 2002 | 2,347 |
| <i>Fraxinus</i> | <i>americana</i> | White ash | 23.5 | 73.8 | 123 | 196.8 | 2002 | 1,294 |
| <i>Fraxinus</i> | <i>pennsylvanica</i> | Green ash | 21.3 | 66.9 | 125 | 191.9 | 2005 | 1,810 |
| <i>Gordonia</i> | <i>lasianthus</i> | Loblolly-bay | 21.3 | 66.9 | 65 | 131.9 | 2002 | 1,331 |
| <i>Ilex</i> | <i>opaca</i> | American holly | 17.8 | 55.9 | 66 | 121.9 | 2002 | 3,773 |
| <i>Juniperus</i> | <i>virginiana</i> | Eastern redcedar | 13.3 | 41.8 | 71 | 112.8 | 2002 | 1,844 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | 40.3 | 126.6 | 100 | 226.6 | 2002 | 18,848 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 47.6 | 149.5 | 111 | 260.5 | 2002 | 12,702 |
| <i>Magnolia</i> | <i>virginiana</i> | Sweetbay | 16.2 | 50.9 | 75 | 126.0 | 2002 | 2,560 |
| <i>Nyssa</i> | <i>aquatica</i> | Water tupelo | 50.6 | 159.0 | 98 | 257.0 | 2002 | 1,462 |
| <i>Nyssa</i> | <i>biflora</i> | Swamp tupelo | 36.2 | 113.7 | 82 | 195.8 | 2002 | 5,349 |
| <i>Nyssa</i> | <i>sylvatica</i> | Blackgum | 30.1 | 94.6 | 128 | 222.6 | 2003 | 3,560 |
| <i>Pinus</i> | <i>echinata</i> | Shortleaf pine | 25.6 | 80.4 | 115 | 195.4 | 2002 | 2,659 |
| <i>Pinus</i> | <i>elliottii</i> | Slash pine | 18.0 | 56.5 | 83 | 139.5 | 2002 | 608 |
| <i>Pinus</i> | <i>palustris</i> | Longleaf pine | 24.6 | 77.3 | 107 | 184.2 | 2002 | 1,818 |
| <i>Pinus</i> | <i>serotina</i> | Pond pine | 26.6 | 83.6 | 104 | 187.6 | 2003 | 3,341 |
| <i>Pinus</i> | <i>strobus</i> | Eastern white pine | 34.2 | 107.4 | 145 | 252.4 | 2003 | 3,345 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 35.6 | 111.8 | 102 | 213.8 | 2002 | 42,545 |
| <i>Pinus</i> | <i>virginiana</i> | Virginia pine | 18.7 | 58.7 | 123 | 181.7 | 2003 | 6,220 |
| <i>Prunus</i> | <i>serotina</i> | Black cherry | 24.0 | 75.4 | 114 | 189.4 | 2002 | 2,935 |
| <i>Quercus</i> | <i>alba</i> | White oak | 40.9 | 128.5 | 119 | 247.5 | 2002 | 6,611 |
| <i>Quercus</i> | <i>coccinea</i> | Scarlet oak | 26.4 | 82.9 | 145 | 227.9 | 2003 | 2,509 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | 43.5 | 136.7 | 90 | 226.7 | 2002 | 2,289 |
| <i>Quercus</i> | <i>laevis</i> | Turkey oak | 17.4 | 54.7 | 66 | 120.7 | 2002 | 806 |
| <i>Quercus</i> | <i>laurifolia</i> | Laurel oak | 22.9 | 71.9 | 111 | 182.9 | 2002 | 897 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | 33.7 | 105.9 | 112 | 217.9 | 2002 | 4,078 |
| <i>Quercus</i> | <i>phellos</i> | Willow oak | 37.8 | 118.8 | 120 | 238.8 | 2002 | 971 |
| <i>Quercus</i> | <i>prinus</i> | Chestnut oak | 37.8 | 118.8 | 122 | 240.8 | 2002 | 4,558 |
| <i>Quercus</i> | <i>rubra</i> | Northern red oak | 50.5 | 158.7 | 117 | 275.7 | 2002 | 3,193 |
| <i>Quercus</i> | <i>stellata</i> | Post oak | 27.4 | 86.1 | 106 | 192.1 | 2002 | 1,066 |
| <i>Quercus</i> | <i>velutina</i> | Black oak | 23.7 | 74.5 | 120 | 194.5 | 2005 | 1,552 |
| <i>Robinia</i> | <i>pseudoacacia</i> | Black locust | 30.3 | 95.2 | 110 | 205.2 | 2002 | 1,157 |
| <i>Sassafras</i> | <i>albidum</i> | Sassafras | 9.4 | 29.5 | 89 | 118.5 | 2002 | 873 |
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 61.5 | 193.2 | 102 | 295.2 | 2002 | 700 |
| <i>Tsuga</i> | <i>canadensis</i> | Eastern hemlock | 45.2 | 142.0 | 145 | 287.0 | 2003 | 1,787 |
| <i>Ulmus</i> | <i>alata</i> | Winged elm | 21.1 | 66.3 | 97 | 163.3 | 2002 | 1,006 |
| <i>Ulmus</i> | <i>americana</i> | American elm | 31.6 | 99.3 | 93 | 192.3 | 2002 | 966 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 10—South Carolina big trees by genus and species

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^c | Inventory year | N ^d |
|----------------------|--|-------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Acer</i> | <i>rubrum</i> | Red maple | 48.9 | 153.6 | 63 | 216.6 | 2000 | 10,514 |
| <i>Betula</i> | <i>nigra</i> | River birch | 29.3 | 92.0 | 103 | 195.0 | 2001 | 407 |
| <i>Carya</i> | <i>alba</i> | Mockernut hickory | 33.3 | 104.6 | 139 | 243.6 | 2000 | 2,134 |
| <i>Carya</i> | <i>glabra</i> | Pignut hickory | 19.6 | 61.6 | 128 | 189.6 | 2001 | 1,011 |
| <i>Cornus</i> | <i>florida</i> | Flowering dogwood | 5.7 | 17.9 | 64 | 81.9 | 2006 | 1,884 |
| <i>Diospyros</i> | <i>virginiana</i> | Common persimmon | 13.0 | 40.8 | 100 | 140.8 | 2005 | 742 |
| <i>Fagus</i> | <i>grandifolia</i> | American beech | 33.3 | 104.6 | 115 | 219.6 | 2000 | 381 |
| <i>Fraxinus</i> | <i>americana</i> | White ash | 30.7 | 96.4 | 119 | 215.4 | 2000 | 374 |
| <i>Fraxinus</i> | <i>pennsylvanica</i> | Green ash | 31.1 | 97.7 | 110 | 207.7 | 2001 | 2,078 |
| <i>Ilex</i> | <i>opaca</i> | American holly | 15.5 | 48.7 | 68 | 116.7 | 2006 | 1,654 |
| <i>Juniperus</i> | <i>virginiana</i> | Eastern redcedar | 24.3 | 76.3 | 79 | 155.3 | 2000 | 2,701 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | 31.8 | 99.9 | 134 | 233.9 | 2000 | 19,627 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 35.4 | 111.2 | 145 | 256.2 | 2001 | 3,037 |
| <i>Magnolia</i> | <i>virginiana</i> | Sweetbay | 27.0 | 84.8 | 73 | 157.8 | 2002 | 841 |
| <i>Nyssa</i> | <i>aquatica</i> | Water tupelo | 51.0 | 160.2 | 67 | 227.2 | 2000 | 1,768 |
| <i>Nyssa</i> | <i>biflora</i> | Swamp tupelo | 41.8 | 131.3 | 101 | 232.3 | 2000 | 5,286 |
| <i>Nyssa</i> | <i>sylvatica</i> | Blackgum | 33.2 | 104.3 | 89 | 193.3 | 2003 | 1,672 |
| <i>Pinus</i> | <i>echinata</i> | Shortleaf pine | 19.4 | 60.9 | 120 | 180.9 | 2000 | 2,366 |
| <i>Pinus</i> | <i>elliottii</i> | Slash pine | 28.6 | 89.8 | 105 | 194.8 | 2000 | 1,068 |
| <i>Pinus</i> | <i>palustris</i> | Longleaf pine | 24.4 | 76.7 | 102 | 178.7 | 2001 | 2,575 |
| <i>Pinus</i> | <i>serotina</i> | Pond pine | 29.5 | 92.7 | 101 | 193.7 | 2000 | 774 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 37.4 | 117.5 | 117 | 234.5 | 2001 | 60,276 |
| <i>Pinus</i> | <i>virginiana</i> | Virginia pine | 25.5 | 80.1 | 114 | 194.1 | 2003 | 1,549 |
| <i>Prunus</i> | <i>serotina</i> | Black cherry | 11.9 | 37.4 | 101 | 138.4 | 2006 | 2,086 |
| <i>Quercus</i> | <i>alba</i> | White oak | 38.8 | 121.9 | 110 | 231.9 | 2006 | 3,227 |
| <i>Quercus</i> | <i>coccinea</i> | Scarlet oak | 36.0 | 113.1 | 123 | 236.1 | 2002 | 764 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | 31.1 | 97.7 | 115 | 212.7 | 2004 | 1,852 |
| <i>Quercus</i> | <i>laevis</i> | Turkey oak | 19.5 | 61.3 | 61 | 122.3 | 2000 | 1,064 |
| <i>Quercus</i> | <i>laurifolia</i> | Laurel oak | 38.4 | 120.6 | 115 | 235.6 | 2001 | 2,786 |
| <i>Quercus</i> | <i>marilandica</i> | Blackjack oak | 19.2 | 60.3 | 77 | 137.3 | 2001 | 361 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | 41.0 | 128.8 | 90 | 218.8 | 2001 | 8,719 |
| <i>Quercus</i> | <i>pagoda</i> | Cherrybark oak | 52.9 | 166.2 | 112 | 278.2 | 2001 | 348 |
| <i>Quercus</i> | <i>phellos</i> | Willow oak | 44.5 | 139.8 | 112 | 251.8 | 2001 | 1,764 |
| <i>Quercus</i> | <i>prinus</i> | Chestnut oak | 41.5 | 130.4 | 102 | 232.4 | 2001 | 440 |
| <i>Quercus</i> | <i>rubra</i> | Northern red oak | 36.7 | 115.3 | 110 | 225.3 | 2000 | 538 |
| <i>Quercus</i> | <i>stellata</i> | Post oak | 25.1 | 78.9 | 105 | 183.9 | 2003 | 1,537 |
| <i>Quercus</i> | <i>stellata</i> var. <i>margaretta</i> | Dwarf post oak | 13.8 | 43.4 | 55 | 98.4 | 2006 | 502 |
| <i>Quercus</i> | <i>velutina</i> | Black oak | 35.4 | 111.2 | 109 | 220.2 | 2002 | 711 |
| <i>Quercus</i> | <i>virginiana</i> | Live oak | 53.3 | 167.4 | 72 | 239.4 | 2001 | 517 |
| <i>Sassafras</i> | <i>albidum</i> | Sassafras | 10.9 | 34.2 | 79 | 113.2 | 2003 | 419 |
| <i>Taxodium</i> | <i>ascendens</i> | Pondcypress | 38.3 | 120.3 | 115 | 235.3 | 2001 | 585 |
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 41.3 | 129.7 | 109 | 238.7 | 2001 | 1,279 |
| <i>Ulmus</i> | <i>alata</i> | Winged elm | 16.7 | 52.5 | 116 | 168.5 | 2006 | 1,992 |
| <i>Ulmus</i> | <i>americana</i> | American elm | 28.8 | 90.5 | 116 | 206.5 | 2000 | 851 |
| <i>Ulmus</i> | <i>rubra</i> | Slippery elm | 33.0 | 103.7 | 110 | 213.7 | 2003 | 548 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 11—Tennessee big trees by genus and species

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^c | Inventory year | N ^d |
|----------------------|----------------------|---------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Acer</i> | <i>negundo</i> | Boxelder | 22.8 | 71.6 | 92 | 163.6 | 2005 | 625 |
| <i>Acer</i> | <i>rubrum</i> | Red maple | 23.6 | 74.1 | 125 | 199.1 | 2001 | 6,294 |
| <i>Acer</i> | <i>saccharum</i> | Sugar maple | 33.2 | 104.3 | 140 | 244.3 | 2002 | 3,290 |
| <i>Ailanthus</i> | <i>altissima</i> | Ailanthus | 13.1 | 41.2 | 103 | 144.2 | 2003 | 386 |
| <i>Betula</i> | <i>lenta</i> | Sweet birch | 13.3 | 41.8 | 116 | 157.8 | 2002 | 432 |
| <i>Carya</i> | <i>alba</i> | Mockernut hickory | 24.9 | 78.2 | 148 | 226.2 | 2005 | 1,927 |
| <i>Carya</i> | <i>cordiformis</i> | Bitternut hickory | 20.4 | 64.1 | 126 | 190.1 | 2003 | 377 |
| <i>Carya</i> | <i>glabra</i> | Pignut hickory | 27.1 | 85.1 | 119 | 204.1 | 2004 | 2,629 |
| <i>Carya</i> | <i>ovata</i> | Shagbark hickory | 25.7 | 80.7 | 132 | 212.7 | 2004 | 1,433 |
| <i>Celtis</i> | <i>laevigata</i> | Sugarberry | 22.1 | 69.4 | 134 | 203.4 | 2004 | 557 |
| <i>Celtis</i> | <i>occidentalis</i> | Hackberry | 18.7 | 58.7 | 94 | 152.7 | 2000 | 806 |
| <i>Cornus</i> | <i>florida</i> | Flowering dogwood | 9.8 | 30.8 | 56 | 86.8 | 2005 | 1,371 |
| <i>Diospyros</i> | <i>virginiana</i> | Common persimmon | 13.7 | 43.0 | 104 | 147.0 | 2000 | 408 |
| <i>Fagus</i> | <i>grandifolia</i> | American beech | 30.2 | 94.9 | 135 | 229.9 | 2001 | 1,222 |
| <i>Fraxinus</i> | <i>americana</i> | White ash | 24.3 | 76.3 | 118 | 194.3 | 2004 | 1,361 |
| <i>Fraxinus</i> | <i>pennsylvanica</i> | Green ash | 22.5 | 70.7 | 135 | 205.7 | 2005 | 951 |
| <i>Juglans</i> | <i>nigra</i> | Black walnut | 22.6 | 71.0 | 110 | 181.0 | 2002 | 581 |
| <i>Juniperus</i> | <i>virginiana</i> | Eastern redcedar | 28.1 | 88.3 | 68 | 156.3 | 2002 | 4,219 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | 29.4 | 92.4 | 134 | 226.4 | 2005 | 3,284 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 46.0 | 144.5 | 148 | 292.5 | 2000 | 4,810 |
| <i>Maclura</i> | <i>pomifera</i> | Osage-orange | 17.1 | 53.7 | 80 | 133.7 | 2000 | 305 |
| <i>Nyssa</i> | <i>sylvatica</i> | Blackgum | 26.4 | 82.9 | 102 | 184.9 | 2005 | 2,671 |
| <i>Ostrya</i> | <i>virginiana</i> | Eastern hophornbeam | 12.7 | 39.9 | 78 | 117.9 | 2003 | 776 |
| <i>Pinus</i> | <i>echinata</i> | Shortleaf pine | 20.4 | 64.1 | 132 | 196.1 | 2002 | 859 |
| <i>Pinus</i> | <i>strobus</i> | Eastern white pine | 32.4 | 101.8 | 140 | 241.8 | 2003 | 873 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 21.1 | 66.3 | 124 | 190.3 | 2003 | 3,267 |
| <i>Pinus</i> | <i>virginiana</i> | Virginia pine | 18.4 | 57.8 | 105 | 162.8 | 2003 | 2,382 |
| <i>Platanus</i> | <i>occidentalis</i> | American sycamore | 30.8 | 96.8 | 125 | 221.8 | 2001 | 383 |
| <i>Prunus</i> | <i>serotina</i> | Black cherry | 32.1 | 100.8 | 116 | 216.8 | 2005 | 1,367 |
| <i>Quercus</i> | <i>alba</i> | White oak | 30.0 | 94.2 | 152 | 246.2 | 2001 | 6,054 |
| <i>Quercus</i> | <i>coccinea</i> | Scarlet oak | 41.0 | 128.8 | 126 | 254.8 | 2004 | 1,889 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | 27.1 | 85.1 | 140 | 225.1 | 2002 | 1,364 |
| <i>Quercus</i> | <i>muehlenbergii</i> | Chinkapin oak | 27.1 | 85.1 | 118 | 203.1 | 2004 | 737 |
| <i>Quercus</i> | <i>prinus</i> | Chestnut oak | 33.4 | 104.9 | 128 | 232.9 | 2001 | 4,346 |
| <i>Quercus</i> | <i>rubra</i> | Northern red oak | 33.4 | 104.9 | 123 | 227.9 | 2002 | 1,073 |
| <i>Quercus</i> | <i>stellata</i> | Post oak | 24.6 | 77.3 | 100 | 177.3 | 2003 | 1,204 |
| <i>Quercus</i> | <i>velutina</i> | Black oak | 24.4 | 76.7 | 147 | 223.7 | 2002 | 1,564 |
| <i>Robinia</i> | <i>pseudoacacia</i> | Black locust | 26.0 | 81.7 | 115 | 196.7 | 2002 | 563 |
| <i>Salix</i> | <i>nigra</i> | Black willow | 18.3 | 57.5 | 105 | 162.5 | 2005 | 243 |
| <i>Sassafras</i> | <i>albidum</i> | Sassafras | 20.6 | 64.7 | 136 | 200.7 | 2001 | 1,340 |
| <i>Tilia</i> | <i>americana</i> | American basswood | 20.0 | 62.8 | 133 | 195.8 | 2001 | 215 |
| <i>Tsuga</i> | <i>canadensis</i> | Eastern hemlock | 40.8 | 128.2 | 111 | 239.2 | 2004 | 947 |
| <i>Ulmus</i> | <i>alata</i> | Winged elm | 27.7 | 87.0 | 106 | 193.0 | 2004 | 1,570 |
| <i>Ulmus</i> | <i>americana</i> | American elm | 20.2 | 63.5 | 112 | 175.5 | 2002 | 786 |
| <i>Ulmus</i> | <i>rubra</i> | Slippery elm | 34.2 | 107.4 | 114 | 221.4 | 2001 | 541 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 12—Texas big trees by genus and species

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^c | Inventory year | N ^d |
|----------------------|----------------------|---------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Acer</i> | <i>negundo</i> | Boxelder | 12.5 | 39.3 | 70 | 109.3 | 2002 | 199 |
| <i>Acer</i> | <i>rubrum</i> | Red maple | 22.1 | 69.4 | 71 | 140.4 | 2004 | 1,537 |
| <i>Betula</i> | <i>nigra</i> | River birch | 26.5 | 83.3 | 76 | 159.3 | 2004 | 318 |
| <i>Carya</i> | <i>alba</i> | Mockernut hickory | 23.5 | 73.8 | 71 | 144.8 | 2006 | 709 |
| <i>Carya</i> | <i>illinoensis</i> | Pecan | 41.1 | 129.1 | 99 | 228.1 | 2005 | 319 |
| <i>Carya</i> | <i>texana</i> | Black hickory | 18.5 | 58.1 | 90 | 148.1 | 2005 | 585 |
| <i>Celtis</i> | <i>laevigata</i> | Sugarberry | 25.7 | 80.7 | 84 | 164.7 | 2006 | 1,428 |
| <i>Celtis</i> | <i>occidentalis</i> | Hackberry | 16.6 | 52.2 | 64 | 116.2 | 2004 | 293 |
| <i>Cornus</i> | <i>florida</i> | Flowering dogwood | 5.3 | 16.7 | 55 | 71.7 | 2001 | 449 |
| <i>Diospyros</i> | <i>texana</i> | Texas persimmon | 12.0 | 37.7 | 21 | 58.7 | 2006 | 385 |
| <i>Diospyros</i> | <i>virginiana</i> | Common persimmon | 18.5 | 58.1 | 57 | 115.1 | 2004 | 194 |
| <i>Fraxinus</i> | <i>americana</i> | White ash | 31.5 | 99.0 | 78 | 177.0 | 2005 | 457 |
| <i>Fraxinus</i> | <i>pennsylvanica</i> | Green ash | 22.3 | 70.1 | 110 | 180.1 | 2006 | 1,351 |
| <i>Gleditsia</i> | <i>triacanthos</i> | Honeylocust | 15.3 | 48.1 | 73 | 121.1 | 2001 | 184 |
| <i>Ilex</i> | <i>opaca</i> | American holly | 13.6 | 42.7 | 74 | 116.7 | 2004 | 865 |
| <i>Juniperus</i> | <i>virginiana</i> | Eastern redcedar | 25.8 | 81.1 | 48 | 129.1 | 2006 | 1,473 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | 36.8 | 115.6 | 95 | 210.6 | 2002 | 10,533 |
| <i>Maclura</i> | <i>pomifera</i> | Osage-orange | 16.2 | 50.9 | 62 | 112.9 | 2004 | 261 |
| <i>Magnolia</i> | <i>grandiflora</i> | Southern magnolia | 23.0 | 72.3 | 90 | 162.3 | 2002 | 222 |
| <i>Magnolia</i> | <i>virginiana</i> | Sweetbay | 15.7 | 49.3 | 83 | 132.3 | 2002 | 530 |
| <i>Nyssa</i> | <i>aquatica</i> | Water tupelo | 23.0 | 72.3 | 98 | 170.3 | 2006 | 236 |
| <i>Nyssa</i> | <i>sylvatica</i> | Blackgum | 29.1 | 91.4 | 94 | 185.4 | 2004 | 1,798 |
| <i>Ostrya</i> | <i>virginiana</i> | Eastern hophornbeam | 11.0 | 34.6 | 65 | 99.6 | 2005 | 761 |
| <i>Pinus</i> | <i>echinata</i> | Shortleaf pine | 26.0 | 81.7 | 125 | 206.7 | 2002 | 3,253 |
| <i>Pinus</i> | <i>elliottii</i> | Slash pine | 20.1 | 63.1 | 117 | 180.1 | 2006 | 1,318 |
| <i>Pinus</i> | <i>palustris</i> | Longleaf pine | 26.2 | 82.3 | 95 | 177.3 | 2006 | 198 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 35.5 | 111.5 | 138 | 249.5 | 2001 | 33,083 |
| <i>Prunus</i> | <i>serotina</i> | Black cherry | 16.8 | 52.8 | 54 | 106.8 | 2004 | 287 |
| <i>Quercus</i> | <i>alba</i> | White oak | 36.2 | 113.7 | 122 | 235.7 | 2001 | 1,264 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | 47.0 | 147.7 | 94 | 241.7 | 2005 | 2,586 |
| <i>Quercus</i> | <i>laurifolia</i> | Laurel oak | 38.2 | 120.0 | 110 | 230.0 | 2002 | 957 |
| <i>Quercus</i> | <i>lyrata</i> | Overcup oak | 38.3 | 120.3 | 120 | 240.3 | 2006 | 341 |
| <i>Quercus</i> | <i>marilandica</i> | Blackjack oak | 20.3 | 63.8 | 65 | 128.8 | 2002 | 691 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | 44.7 | 140.4 | 86 | 226.4 | 2003 | 4,567 |
| <i>Quercus</i> | <i>pagoda</i> | Cherrybark oak | 46.4 | 145.8 | 106 | 251.8 | 2004 | 772 |
| <i>Quercus</i> | <i>phellos</i> | Willow oak | 36.6 | 115.0 | 119 | 234.0 | 2003 | 1,693 |
| <i>Quercus</i> | <i>stellata</i> | Post oak | 29.6 | 93.0 | 74 | 167.0 | 2001 | 5,920 |
| <i>Quercus</i> | <i>virginiana</i> | Live oak | 52.9 | 166.2 | 69 | 235.2 | 2004 | 2,881 |
| <i>Salix</i> | <i>nigra</i> | Black willow | 19.1 | 60.0 | 82 | 142.0 | 2002 | 228 |
| <i>Sassafras</i> | <i>albidum</i> | Sassafras | 18.0 | 56.5 | 61 | 117.5 | 2002 | 427 |
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 33.2 | 104.3 | 130 | 234.3 | 2003 | 460 |
| <i>Ulmus</i> | <i>alata</i> | Winged elm | 17.2 | 54.0 | 106 | 160.0 | 2002 | 3,662 |
| <i>Ulmus</i> | <i>americana</i> | American elm | 26.0 | 81.7 | 87 | 168.7 | 2002 | 812 |
| <i>Ulmus</i> | <i>crassifolia</i> | Cedar elm | 23.4 | 73.5 | 86 | 159.5 | 2002 | 1,466 |
| <i>Ulmus</i> | <i>rubra</i> | Slippery elm | 27.5 | 86.4 | 83 | 169.4 | 2002 | 251 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 13—Virginia big trees by genus and species

| Genus ^{a b} | Species | Common name | Diameter | Circum- ference | Height | Points ^c | Inventory year | N ^d |
|----------------------|-----------------------|---------------------|--------------------|--------------------|--------|---------------------|-------------------|----------------|
| | | | ----- inches ----- | | feet | | | |
| <i>Acer</i> | <i>pennsylvanicum</i> | Striped maple | 10.5 | 33.0 | 68 | 101.0 | 2005 | 317 |
| <i>Acer</i> | <i>rubrum</i> | Red maple | 35.3 | 110.9 | 103 | 213.9 | 2002 | 10,327 |
| <i>Acer</i> | <i>saccharum</i> | Sugar maple | 30.6 | 96.1 | 84 | 180.1 | 2005 | 1,206 |
| <i>Ailanthus</i> | <i>altissima</i> | Ailanthus | 18.3 | 57.5 | 85 | 142.5 | 2002 | 488 |
| <i>Betula</i> | <i>lenta</i> | Sweet birch | 23.1 | 72.6 | 86 | 158.6 | 2005 | 1,099 |
| <i>Betula</i> | <i>nigra</i> | River birch | 28.5 | 89.5 | 89 | 178.5 | 2003 | 349 |
| <i>Carya</i> | <i>alba</i> | Mockernut hickory | 25.9 | 81.4 | 126 | 207.4 | 2002 | 1,886 |
| <i>Carya</i> | <i>cordiformis</i> | Bitternut hickory | 30.6 | 96.1 | 110 | 206.1 | 2006 | 268 |
| <i>Carya</i> | <i>glabra</i> | Pignut hickory | 37.9 | 119.1 | 116 | 235.1 | 2001 | 1,887 |
| <i>Carya</i> | <i>ovata</i> | Shagbark hickory | 20.8 | 65.3 | 110 | 175.3 | 2006 | 257 |
| <i>Cornus</i> | <i>florida</i> | Flowering dogwood | 7.8 | 24.5 | 54 | 78.5 | 2003 | 1,120 |
| <i>Fagus</i> | <i>grandifolia</i> | American beech | 30.3 | 95.2 | 114 | 209.2 | 2005 | 1,752 |
| <i>Fraxinus</i> | <i>americana</i> | White ash | 27.4 | 86.2 | 108 | 194.2 | 2005 | 1,098 |
| <i>Fraxinus</i> | <i>pennsylvanica</i> | Green ash | 17.7 | 55.6 | 119 | 174.6 | 2002 | 585 |
| <i>Ilex</i> | <i>opaca</i> | American holly | 14.9 | 46.8 | 62 | 108.8 | 2000 | 1,656 |
| <i>Juglans</i> | <i>nigra</i> | Black walnut | 26.0 | 81.7 | 91 | 172.7 | 2006 | 348 |
| <i>Juniperus</i> | <i>virginiana</i> | Eastern redcedar | 13.0 | 40.8 | 100 | 140.8 | 2005 | 1,549 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | 28.4 | 89.2 | 106 | 195.2 | 2005 | 4,962 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 47.4 | 148.9 | 133 | 281.9 | 2005 | 8,925 |
| <i>Nyssa</i> | <i>biflora</i> | Swamp tupelo | 33.2 | 104.3 | 97 | 201.3 | 2003 | 474 |
| <i>Nyssa</i> | <i>sylvatica</i> | Blackgum | 28.4 | 89.2 | 100 | 189.2 | 2006 | 3,022 |
| <i>Pinus</i> | <i>echinata</i> | Shortleaf pine | 16.6 | 52.2 | 108 | 160.2 | 2005 | 804 |
| <i>Pinus</i> | <i>pungens</i> | Table Mountain pine | 17.5 | 55.0 | 73 | 128.0 | 2002 | 246 |
| <i>Pinus</i> | <i>rigida</i> | Pitch pine | 23.0 | 72.3 | 94 | 166.3 | 2006 | 459 |
| <i>Pinus</i> | <i>strobus</i> | Eastern white pine | 30.7 | 96.4 | 124 | 220.4 | 2005 | 2,213 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 26.9 | 84.5 | 136 | 220.5 | 2002 | 16,673 |
| <i>Pinus</i> | <i>virginiana</i> | Virginia pine | 17.9 | 56.2 | 107 | 163.2 | 2005 | 5,766 |
| <i>Platanus</i> | <i>occidentalis</i> | American sycamore | 36.8 | 115.6 | 128 | 243.6 | 2003 | 375 |
| <i>Prunus</i> | <i>serotina</i> | Black cherry | 33.0 | 103.7 | 98 | 201.7 | 2000 | 1,415 |
| <i>Quercus</i> | <i>alba</i> | White oak | 34.0 | 106.8 | 130 | 236.8 | 2005 | 5,824 |
| <i>Quercus</i> | <i>coccinea</i> | Scarlet oak | 26.3 | 82.6 | 122 | 204.6 | 2000 | 2,515 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | 32.9 | 103.4 | 138 | 241.4 | 2003 | 1,249 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | 25.5 | 80.1 | 99 | 179.1 | 2002 | 275 |
| <i>Quercus</i> | <i>phellos</i> | Willow oak | 23.7 | 74.5 | 110 | 184.5 | 2005 | 439 |
| <i>Quercus</i> | <i>prinus</i> | Chestnut oak | 43.2 | 135.7 | 85 | 220.7 | 2003 | 6,891 |
| <i>Quercus</i> | <i>rubra</i> | Northern red oak | 31.2 | 98.0 | 137 | 235.0 | 2006 | 2,273 |
| <i>Quercus</i> | <i>stellata</i> | Post oak | 21.2 | 66.6 | 105 | 171.6 | 2002 | 285 |
| <i>Quercus</i> | <i>velutina</i> | Black oak | 24.9 | 78.2 | 131 | 209.2 | 2006 | 1,938 |
| <i>Robinia</i> | <i>pseudoacacia</i> | Black locust | 36.2 | 113.7 | 79 | 192.7 | 2003 | 1,229 |
| <i>Sassafras</i> | <i>albidum</i> | Sassafras | 16.7 | 52.5 | 80 | 132.5 | 2006 | 801 |
| <i>Tilia</i> | <i>americana</i> | American basswood | 20.0 | 62.8 | 125 | 187.8 | 2003 | 353 |
| <i>Tsuga</i> | <i>canadensis</i> | Eastern hemlock | 26.1 | 82.0 | 113 | 195.0 | 2002 | 732 |
| <i>Ulmus</i> | <i>alata</i> | Winged elm | 14.9 | 46.8 | 89 | 135.8 | 2001 | 285 |
| <i>Ulmus</i> | <i>americana</i> | American elm | 19.7 | 61.9 | 75 | 136.9 | 2001 | 410 |
| <i>Ulmus</i> | <i>rubra</i> | Slippery elm | 26.0 | 81.7 | 76 | 157.7 | 2005 | 195 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 14—Puerto Rico big trees by genus and species

| Genus ^a | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^b | Inventory year | N ^c |
|---------------------|---------------------|----------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Acacia</i> | <i>farnesiana</i> | Sweet acacia | 15.0 | 47.1 | 31.5 | 78.6 | 2005 | 81 |
| <i>Adenantha</i> | <i>pavonina</i> | Red beadtrees | 13.9 | 43.8 | 60.7 | 104.5 | 2005 | 64 |
| <i>Albizia</i> | <i>procera</i> | Tall albizia | 11.6 | 36.5 | 75.5 | 111.9 | 2005 | 143 |
| <i>Alchornea</i> | <i>latifolia</i> | Achiotillo | 17.1 | 53.7 | 72.2 | 125.9 | 2005 | 84 |
| <i>Andira</i> | <i>inermis</i> | Cabbagebark tree | 31.4 | 98.6 | 72.2 | 170.8 | 2005 | 486 |
| <i>Ardisia</i> | <i>obovata</i> | Guadeloupe marlberry | 5.7 | 18.1 | 43.0 | 61.0 | 2005 | 81 |
| <i>Bourreria</i> | <i>succulenta</i> | Bodywood | 9.6 | 30.1 | 39.4 | 69.4 | 2005 | 85 |
| <i>Bucida</i> | <i>buceras</i> | Gregorywood | 18.4 | 57.9 | 94.8 | 152.7 | 2005 | 123 |
| <i>Bursera</i> | <i>simaruba</i> | Gumbo limbo | 28.0 | 88.1 | 60.7 | 148.8 | 2005 | 271 |
| <i>Calophyllum</i> | <i>antillanum</i> | Antilles calophyllum | 33.9 | 106.4 | 72.2 | 178.5 | 2005 | 66 |
| <i>Casearia</i> | <i>arborea</i> | Gia verde | 11.4 | 35.7 | 55.8 | 91.5 | 2006 | 85 |
| <i>Casearia</i> | <i>guianensis</i> | Guyanese wild coffee | 12.2 | 38.5 | 55.8 | 94.2 | 2005 | 335 |
| <i>Casearia</i> | <i>sylvestris</i> | Crackopen | 10.9 | 34.3 | 82.0 | 116.3 | 2005 | 266 |
| <i>Cecropia</i> | <i>schreberiana</i> | Pumpwood | 20.7 | 65.2 | 96.1 | 161.3 | 2005 | 397 |
| <i>Citharexylum</i> | <i>spinsum</i> | Spiny fiddlewood | 12.3 | 38.6 | 64.3 | 102.9 | 2005 | 130 |
| <i>Citrus</i> | <i>×sinensis</i> | Orange | 10.4 | 32.8 | 55.8 | 88.6 | 2005 | 62 |
| <i>Clusia</i> | <i>rosea</i> | Scotch attorney | 24.5 | 76.9 | 36.1 | 113.0 | 2005 | 72 |
| <i>Coccoloba</i> | <i>diversifolia</i> | Tietongue | 10.4 | 32.7 | 60.7 | 93.3 | 2005 | 98 |
| <i>Coffea</i> | <i>arabica</i> | Arabian coffee | 1.4 | 4.5 | 23.6 | 28.1 | 2005 | 63 |
| <i>Cordia</i> | <i>sulcata</i> | Mucilage manjack | 19.3 | 60.7 | 49.2 | 109.9 | 2005 | 82 |
| <i>Dendropanax</i> | <i>arboreus</i> | Angelica tree | 13.5 | 42.5 | 68.9 | 111.4 | 2005 | 149 |
| <i>Eucalyptus</i> | <i>robusta</i> | Swampmahogany | 36.0 | 113.2 | 42.7 | 155.8 | 2005 | 93 |
| <i>Eugenia</i> | <i>biflora</i> | Blackrodwood | 73.2 | 230.1 | 29.5 | 259.6 | 2005 | 67 |
| <i>Eugenia</i> | <i>monticola</i> | Birdcherry | 5.8 | 18.2 | 49.2 | 67.4 | 2005 | 98 |
| <i>Guapira</i> | <i>fragrans</i> | Black mampoo | 12.4 | 38.8 | 62.0 | 100.8 | 2005 | 129 |
| <i>Guarea</i> | <i>guidonia</i> | American muskwood | 26.0 | 81.6 | 79.4 | 161.0 | 2005 | 782 |
| <i>Guettarda</i> | <i>scabra</i> | Wild guave | 5.8 | 18.3 | 39.4 | 57.7 | 2005 | 146 |
| <i>Gymnanthes</i> | <i>lucida</i> | Oysterwood | 6.1 | 19.0 | 42.0 | 61.0 | 2005 | 63 |
| <i>Inga</i> | <i>laurina</i> | Sacky sac bean | 23.3 | 73.3 | 75.5 | 148.8 | 2005 | 153 |
| <i>Inga</i> | <i>vera</i> | River koko | 15.2 | 47.9 | 95.1 | 143.0 | 2005 | 220 |
| <i>Laguncularia</i> | <i>racemosa</i> | White mangrove | 14.6 | 45.8 | 45.9 | 91.7 | 2005 | 77 |
| <i>Leucaena</i> | <i>leucocephala</i> | White leadtree | 13.5 | 42.3 | 39.4 | 81.7 | 2005 | 508 |
| <i>Mangifera</i> | <i>indica</i> | Mango | 39.7 | 124.8 | 79.4 | 204.2 | 2005 | 133 |
| <i>Miconia</i> | <i>prasina</i> | Granadillo bobo | 4.9 | 15.5 | 39.4 | 54.8 | 2005 | 77 |
| <i>Micropholis</i> | <i>guyanensis</i> | Wild balata | 30.8 | 96.8 | 60.7 | 157.5 | 2005 | 106 |
| <i>Myrcia</i> | <i>splendens</i> | Punchberry | 9.7 | 30.4 | 42.7 | 73.1 | 2005 | 108 |
| <i>Neolaugeria</i> | <i>resinosa</i> | Aquilon | 12.5 | 39.3 | 72.2 | 111.5 | 2005 | 99 |
| <i>Ocotea</i> | <i>leucoxydon</i> | Loblolly sweetwood | 14.5 | 45.5 | 59.1 | 104.6 | 2005 | 178 |
| <i>Pictetia</i> | <i>aculeata</i> | Fustic | 6.9 | 21.5 | 45.9 | 67.5 | 2005 | 63 |
| <i>Prosopis</i> | <i>pallida</i> | Kiawe | 12.2 | 38.3 | 36.1 | 74.4 | 2005 | 127 |
| <i>Schefflera</i> | <i>morototonii</i> | Matchwood | 18.1 | 56.8 | 63.0 | 119.8 | 2005 | 138 |
| <i>Senna</i> | <i>siamea</i> | Siamese cassia | 18.7 | 58.8 | 78.7 | 137.5 | 2005 | 70 |
| <i>Spathodea</i> | <i>campanulata</i> | African tuliptree | 20.5 | 64.3 | 111.5 | 175.9 | 2005 | 1,436 |
| <i>Syzygium</i> | <i>jambos</i> | Malabar plum | 11.4 | 35.9 | 52.5 | 88.4 | 2005 | 367 |
| <i>Tabebuia</i> | <i>haemantha</i> | Roble cimarron | 6.6 | 20.8 | 59.4 | 80.2 | 2005 | 67 |
| <i>Tabebuia</i> | <i>heterophylla</i> | White cedar | 22.2 | 69.6 | 65.6 | 135.3 | 2005 | 429 |
| <i>Tetrazygia</i> | <i>elaeagnoides</i> | Krekre | 7.9 | 24.7 | 40.4 | 65.1 | 2005 | 63 |
| <i>Thouinia</i> | <i>striata</i> | Ceboruquillo | 7.3 | 23.0 | 65.6 | 88.6 | 2005 | 110 |
| <i>Trichilia</i> | <i>pallida</i> | Gaita | 12.5 | 39.3 | 58.4 | 97.7 | 2005 | 62 |
| <i>Zanthoxylum</i> | <i>martinicense</i> | White pricklyash | 18.5 | 58.1 | 75.5 | 133.6 | 2005 | 127 |

^a USDA Natural Resources Conservation Service (2009).

^b One point awarded for each inch in circumference and foot in height.

^c Number of sampled/measured trees of that particular species.

Table 15—U.S. Virgin Islands big trees by genus and species

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^b | Inventory year | N ^c |
|-----------------------|------------------------|-------------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Acacia</i> | <i>farnesiana</i> | Sweet acacia | 9.6 | 30.1 | 27.9 | 57.9 | 2005 | 49 |
| <i>Acacia</i> | <i>muricata</i> | Spineless wattle | 11.9 | 37.4 | 36.1 | 73.4 | 2005 | 98 |
| <i>Adelia</i> | <i>ricinella</i> | Wild lime | 4.1 | 13.0 | 18.0 | 31.0 | 2005 | 16 |
| <i>Albizia</i> | <i>lebbbeck</i> | Woman's tongue | 8.0 | 25.1 | 27.9 | 53.0 | 2005 | 11 |
| <i>Amyris</i> | <i>elemifera</i> | Sea torchwood | 3.2 | 10.0 | 13.1 | 23.1 | 2005 | 9 |
| <i>Andira</i> | <i>inermis</i> | Cabbagebark tree | 15.2 | 47.6 | 32.8 | 80.4 | 2005 | 10 |
| <i>Ardisia</i> | <i>obovata</i> | Guadeloupe marlberry | 3.3 | 10.5 | 23.0 | 33.5 | 2005 | 10 |
| <i>Bourreria</i> | <i>succulenta</i> | Bodywood | 14.4 | 45.1 | 26.2 | 71.4 | 2005 | 103 |
| <i>Bucida</i> | <i>buceras</i> | Gregorywood | 5.0 | 15.6 | 27.9 | 43.5 | 2005 | 42 |
| <i>Bursera</i> | <i>simaruba</i> | Gumbo limbo | 14.8 | 46.6 | 38.1 | 84.7 | 2005 | 64 |
| <i>Capparis</i> | <i>baducca</i> | Caper | 2.0 | 6.2 | 19.7 | 25.9 | 2005 | 30 |
| <i>Capparis</i> | <i>cynophallophora</i> | Jamaican caper | 8.2 | 25.9 | 21.3 | 47.2 | 2005 | 14 |
| <i>Capparis</i> | <i>hastata</i> | Broadleaf caper | 4.2 | 13.2 | 20.3 | 33.6 | 2005 | 8 |
| <i>Capparis</i> | <i>indica</i> | Linguam | 7.2 | 22.6 | 27.9 | 50.5 | 2005 | 13 |
| <i>Casearia</i> | <i>decandra</i> | Wild honeytree | 6.7 | 21.2 | 27.9 | 49.0 | 2005 | 5 |
| <i>Casearia</i> | <i>guianensis</i> | Guyanese wild coffee | 4.6 | 14.6 | 24.6 | 39.2 | 2005 | 8 |
| <i>Cassine</i> | <i>xylocarpa</i> | Marbletree | 5.7 | 17.8 | 23.0 | 40.8 | 2005 | 9 |
| <i>Chionanthus</i> | <i>compactus</i> | Bridgotree | 6.5 | 20.4 | 32.8 | 53.2 | 2005 | 12 |
| <i>Chrysophyllum</i> | <i>pauciflorum</i> | Camito de perro | 15.2 | 47.9 | 32.8 | 80.7 | 2005 | 12 |
| <i>Citharexylum</i> | <i>spinosum</i> | Spiny fiddlewood | 6.5 | 20.4 | 32.8 | 53.2 | 2005 | 44 |
| <i>Coccoloba</i> | <i>uvifera</i> | Seagrape | 5.4 | 17.1 | 16.4 | 33.5 | 2005 | 25 |
| <i>Coccothrinax</i> | <i>barbadensis</i> | Puerto Rico silver palm | 3.3 | 10.3 | 32.8 | 43.1 | 2005 | 9 |
| <i>Cordia</i> | <i>alliodora</i> | Spanish elm | 11.3 | 35.6 | 49.2 | 84.8 | 2005 | 14 |
| <i>Croton</i> | <i>astroites</i> | Wild marrow | 1.4 | 4.5 | 17.4 | 21.8 | 2005 | 11 |
| <i>Erithalis</i> | <i>fruticosa</i> | Blacktorch | 1.5 | 4.7 | 9.8 | 14.5 | 2005 | 5 |
| <i>Eugenia</i> | <i>cordata</i> | Lathberry | 2.0 | 6.4 | 20.3 | 26.8 | 2005 | 22 |
| <i>Eugenia</i> | <i>ligustrina</i> | Privet stopper | 3.9 | 12.2 | 26.2 | 38.5 | 2005 | 6 |
| <i>Eugenia</i> | <i>monticola</i> | Birdcherry | 2.6 | 8.0 | 26.2 | 34.3 | 2005 | 44 |
| <i>Eugenia</i> | <i>rhombea</i> | Red stopper | 9.5 | 29.9 | 23.0 | 52.9 | 2005 | 14 |
| <i>Faramea</i> | <i>occidentalis</i> | False coffee | 2.4 | 7.4 | 19.7 | 27.1 | 2005 | 14 |
| <i>Guapira</i> | <i>fragrans</i> | Black mampoo | 19.0 | 59.6 | 49.2 | 108.8 | 2005 | 129 |
| <i>Guettarda</i> | <i>odorata</i> | Cucubano de vieques | 2.3 | 7.2 | 19.0 | 26.2 | 2005 | 5 |
| <i>Guettarda</i> | <i>scabra</i> | Wild guave | 5.0 | 15.7 | 24.6 | 40.3 | 2005 | 46 |
| <i>Inga</i> | <i>laurina</i> | Sacky sac bean | 8.9 | 27.8 | 39.4 | 67.2 | 2005 | 11 |
| <i>Krugiodendron</i> | <i>ferreum</i> | Leadwood | 9.6 | 30.1 | 27.9 | 57.9 | 2005 | 18 |
| <i>Leucaena</i> | <i>leucocephala</i> | White leadtree | 2.6 | 8.2 | 28.9 | 37.0 | 2005 | 349 |
| <i>Maytenus</i> | <i>laevigata</i> | White cinnamon | 5.9 | 18.7 | 45.9 | 64.6 | 2005 | 70 |
| <i>Melicoccus</i> | <i>bijugatus</i> | Spanish lime | 23.5 | 73.7 | 27.9 | 101.6 | 2005 | 60 |
| <i>Myrciaria</i> | <i>floribunda</i> | Guavaberry | 6.7 | 20.9 | 39.4 | 60.3 | 2005 | 36 |
| <i>Nectandra</i> | <i>coriacea</i> | Lancewood | 5.9 | 18.6 | 27.9 | 46.4 | 2005 | 19 |
| <i>Pilosocereus</i> | <i>royenii</i> | Royen's tree cactus | 13.2 | 41.4 | 16.4 | 57.8 | 2005 | 13 |
| <i>Pisonia</i> | <i>subcordata</i> | Water mampoo | 17.7 | 55.7 | 27.9 | 83.5 | 2005 | 35 |
| <i>Pithecellobium</i> | <i>dulce</i> | Monkeypod | 1.4 | 4.3 | 17.1 | 21.4 | 2005 | 8 |
| <i>Pithecellobium</i> | <i>unguis-cati</i> | Catclaw blackbead | 1.5 | 4.6 | 19.0 | 23.6 | 2005 | 5 |
| <i>Poitea</i> | <i>florida</i> | Wattapama | 6.4 | 20.0 | 19.7 | 39.7 | 2005 | 11 |
| <i>Swietenia</i> | <i>mahagoni</i> | West Indian mahogany | 46.4 | 145.8 | 36.1 | 181.9 | 2005 | 19 |
| <i>Tabebuia</i> | <i>heterophylla</i> | White cedar | 7.3 | 22.9 | 36.1 | 59.0 | 2005 | 15 |
| <i>Tamarindus</i> | <i>indica</i> | Tamarind | 7.6 | 24.0 | 28.5 | 52.5 | 2005 | 7 |
| <i>Tecoma</i> | <i>stans</i> | Yellow trumpetbush | 3.5 | 11.1 | 18.0 | 29.2 | 2005 | 20 |
| <i>Trema</i> | <i>micranthum</i> | Jamaican nettletree | 3.3 | 10.5 | 17.7 | 28.2 | 2005 | 84 |

^a USDA Natural Resources Conservation Service (2009).

^b One point awarded for each inch in circumference and foot in height.

^c Number of sampled/measured trees of that particular species.

Table 16—Top 10 ranking trees southwide by species, trees, and points

| Genus ^{a b} | Species | Common name | State | Diameter | Circum- ference | Height | Points ^c | Inventory year | N ^d |
|----------------------|--------------------|--------------------|-------|--------------------|--------------------|--------|---------------------|-------------------|----------------|
| | | | | ----- inches ----- | | feet | | | |
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | AR | 78.5 | 246.6 | 93 | 339.6 | 2000 | 8,557 |
| <i>Quercus</i> | <i>nuttallii</i> | Nuttall oak | LA | 62.2 | 195.4 | 127 | 322.4 | 2002 | 1,154 |
| <i>Carya</i> | <i>illinoensis</i> | Pecan | MS | 54.1 | 170.0 | 152 | 322.0 | 2006 | 1,286 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | LA | 55.5 | 174.4 | 135 | 309.4 | 2003 | 44,862 |
| <i>Populus</i> | <i>deltoides</i> | Eastern cottonwood | MS | 56.6 | 177.8 | 130 | 307.8 | 2006 | 765 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | MS | 71.0 | 223.1 | 84 | 307.1 | 2006 | 115,277 |
| <i>Quercus</i> | <i>virginiana</i> | Live oak | FL | 65.8 | 206.7 | 98 | 304.7 | 2003 | 6,838 |
| <i>Quercus</i> | <i>velutina</i> | Black oak | AR | 59.4 | 186.6 | 110 | 296.6 | 2000 | 12,866 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | TN | 46.0 | 144.5 | 148 | 292.5 | 2000 | 45,750 |
| <i>Tsuga</i> | <i>canadensis</i> | Eastern hemlock | NC | 45.2 | 142.0 | 145 | 287.0 | 2003 | 4,434 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1971, 1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 17—Top 10 ranking trees of Alabama by genus, species, and points

| Genus ^{a b} | Species | Common name | Diameter | Circum- ference | Height | Points ^c | Inventory year | N ^d |
|----------------------|--------------------|----------------|--------------------|--------------------|--------|---------------------|-------------------|----------------|
| | | | ----- inches ----- | | feet | | | |
| <i>Quercus</i> | <i>pagoda</i> | Cherrybark oak | 46.4 | 145.8 | 125 | 270.8 | 2004 | 337 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | 44.6 | 140.1 | 123 | 263.1 | 2003 | 13,326 |
| <i>Quercus</i> | <i>phellos</i> | Willow oak | 37.0 | 116.2 | 128 | 244.2 | 2002 | 468 |
| <i>Quercus</i> | <i>coccinea</i> | Scarlet oak | 40.5 | 127.2 | 115 | 242.2 | 2003 | 544 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 31.0 | 97.4 | 140 | 237.4 | 2001 | 3,945 |
| <i>Quercus</i> | <i>velutina</i> | Black oak | 37.1 | 116.6 | 119 | 235.6 | 2002 | 759 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | 34.6 | 108.7 | 125 | 233.7 | 2002 | 6,636 |
| <i>Quercus</i> | <i>shumardii</i> | Shumard oak | 31.4 | 98.6 | 128 | 226.6 | 2003 | 40 |
| <i>Pinus</i> | <i>elliottii</i> | Slash pine | 30.3 | 95.2 | 130 | 225.2 | 2002 | 2,678 |
| <i>Quercus</i> | <i>laurifolia</i> | Laurel oak | 43.0 | 135.1 | 90 | 225.1 | 2005 | 1,844 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 18—Top 10 ranking trees of Arkansas by genus, species, and points

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^c | Inventory year | N ^d |
|----------------------|--------------------|--------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 78.5 | 246.6 | 93 | 339.6 | 2000 | 688 |
| <i>Quercus</i> | <i>velutina</i> | Black oak | 59.4 | 186.6 | 110 | 296.6 | 2000 | 3,689 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | 44.2 | 138.9 | 129 | 267.9 | 2002 | 2,099 |
| <i>Quercus</i> | <i>pagoda</i> | Cherrybark oak | 41.9 | 131.6 | 120 | 251.6 | 2002 | 1,210 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 35.7 | 112.2 | 139 | 251.2 | 2003 | 36 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | 44.1 | 138.5 | 110 | 248.5 | 2003 | 10,112 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 39.6 | 124.4 | 120 | 244.4 | 2004 | 24,777 |
| <i>Quercus</i> | <i>lyrata</i> | Overcup oak | 42.5 | 133.5 | 110 | 243.5 | 2002 | 1,057 |
| <i>Quercus</i> | <i>nuttallii</i> | Nuttall oak | 36.9 | 115.9 | 125 | 240.9 | 2002 | 381 |
| <i>Populus</i> | <i>deltoides</i> | Eastern cottonwood | 30.3 | 95.2 | 145 | 240.2 | 2006 | 95 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 19—Top 10 ranking trees of Florida by genus, species, and points

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^c | Inventory year | N ^d |
|----------------------|--------------------|---------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 67.9 | 213.3 | 110 | 323.3 | 2006 | 1,482 |
| <i>Quercus</i> | <i>virginiana</i> | Live oak | 65.8 | 206.7 | 98 | 304.7 | 2003 | 2,595 |
| <i>Quercus</i> | <i>laurifolia</i> | Laurel oak | 42.0 | 131.9 | 111 | 242.9 | 2006 | 4,082 |
| <i>Acer</i> | <i>rubrum</i> | Red maple | 41.5 | 130.4 | 107 | 237.4 | 2005 | 2,320 |
| <i>Nyssa</i> | <i>biflora</i> | Swamp tupelo | 32.0 | 100.5 | 122 | 222.5 | 2005 | 5,272 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 29.2 | 91.7 | 127 | 218.7 | 2005 | 4,614 |
| <i>Pinus</i> | <i>glabra</i> | Spruce pine | 28.0 | 88.0 | 127 | 215.0 | 2006 | 75 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | 34.2 | 107.4 | 101 | 208.4 | 2003 | 1,728 |
| <i>Pinus</i> | <i>serotina</i> | Pond pine | 31.0 | 97.4 | 111 | 208.4 | 2006 | 334 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | 25.4 | 79.8 | 128 | 207.8 | 2004 | 2,205 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 20—Top 10 ranking trees of Georgia by genus, species, and points

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^c | Inventory year | N ^d |
|----------------------|---------------------|--------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 58.1 | 182.5 | 119 | 301.5 | 2002 | 292 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 39.7 | 124.7 | 148 | 272.7 | 2006 | 4,162 |
| <i>Quercus</i> | <i>alba</i> | White oak | 43.1 | 135.4 | 118 | 253.4 | 2005 | 3,085 |
| <i>Pinus</i> | <i>strobus</i> | Eastern white pine | 35.6 | 111.8 | 140 | 251.8 | 2004 | 587 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | 38.9 | 122.2 | 126 | 248.2 | 2003 | 6,810 |
| <i>Quercus</i> | <i>pagoda</i> | Cherrybark oak | 41.3 | 129.7 | 113 | 242.7 | 2006 | 44 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | 47.4 | 148.9 | 89 | 237.9 | 2003 | 1,901 |
| <i>Quercus</i> | <i>laurifolia</i> | Laurel oak | 35.8 | 112.5 | 123 | 235.5 | 2006 | 2,806 |
| <i>Quercus</i> | <i>virginiana</i> | Live oak | 48.8 | 153.3 | 78 | 231.3 | 2006 | 550 |
| <i>Platanus</i> | <i>occidentalis</i> | American sycamore | 33.5 | 105.2 | 126 | 231.2 | 2005 | 180 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 21—Top 10 ranking trees of Kentucky by genus, species, and points

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^c | Inventory year | N ^d |
|----------------------|----------------------|--------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Platanus</i> | <i>occidentalis</i> | American sycamore | 60.9 | 191.3 | 84 | 275.3 | 2002 | 655 |
| <i>Populus</i> | <i>deltoides</i> | Eastern cottonwood | 36.2 | 113.7 | 156 | 269.7 | 2001 | 72 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 39.8 | 125.0 | 139 | 264.0 | 2005 | 5,043 |
| <i>Acer</i> | <i>saccharum</i> | Sugar maple | 43.7 | 137.3 | 110 | 247.3 | 2005 | 5,263 |
| <i>Acer</i> | <i>saccharinum</i> | Silver maple | 32.3 | 101.5 | 145 | 246.5 | 2005 | 263 |
| <i>Quercus</i> | <i>palustris</i> | Pin oak | 38.4 | 120.6 | 121 | 241.6 | 2005 | 55 |
| <i>Quercus</i> | <i>muehlenbergii</i> | Chinkapin oak | 43.8 | 137.6 | 104 | 241.6 | 2001 | 840 |
| <i>Fagus</i> | <i>grandifolia</i> | American beech | 31.4 | 98.6 | 142 | 240.6 | 2005 | 2,249 |
| <i>Quercus</i> | <i>rubra</i> | Northern red oak | 32.2 | 101.2 | 136 | 237.2 | 2005 | 1,191 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | 48.9 | 153.6 | 83 | 236.6 | 2005 | 403 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 22—Top 10 ranking trees of Louisiana by genus, species, and points

| Genus ^{a b} | Species | Common name | Diameter | Circum- ference | Height | Points ^c | Inventory year | N ^d |
|----------------------|--------------------|--------------------|--------------------|--------------------|--------|---------------------|-------------------|----------------|
| | | | ----- inches ----- | | feet | | | |
| <i>Quercus</i> | <i>nuttallii</i> | Nuttall oak | 62.2 | 195.4 | 127 | 322.4 | 2002 | 406 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | 55.5 | 174.4 | 135 | 309.4 | 2003 | 3,402 |
| <i>Quercus</i> | <i>virginiana</i> | Live oak | 72.1 | 226.5 | 70 | 296.5 | 2002 | 61 |
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 61.0 | 191.6 | 100 | 291.6 | 2003 | 2,583 |
| <i>Carya</i> | <i>illinoensis</i> | Pecan | 49.2 | 154.6 | 119 | 273.6 | 2004 | 230 |
| <i>Quercus</i> | <i>michauxii</i> | Swamp chestnut oak | 42.9 | 134.8 | 135 | 269.8 | 2002 | 214 |
| <i>Populus</i> | <i>deltoides</i> | Eastern cottonwood | 53.3 | 167.4 | 95 | 262.4 | 2003 | 62 |
| <i>Quercus</i> | <i>pagoda</i> | Cherrybark oak | 56.2 | 176.6 | 84 | 260.6 | 2003 | 594 |
| <i>Quercus</i> | <i>laurifolia</i> | Laurel oak | 49.2 | 154.6 | 105 | 259.6 | 2002 | 465 |
| <i>Carya</i> | <i>aquatica</i> | Water hickory | 38.5 | 121.0 | 135 | 256.0 | 2002 | 698 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1971, 1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 23—Top 10 ranking trees of Mississippi by genus, species, and points

| Genus ^{a b} | Species | Common name | Diameter | Circum- ference | Height | Points ^c | Inventory year | N ^d |
|----------------------|--------------------|--------------------|--------------------|--------------------|--------|---------------------|-------------------|----------------|
| | | | ----- inches ----- | | feet | | | |
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 72.0 | 226.2 | 98 | 324.2 | 2006 | 585 |
| <i>Carya</i> | <i>illinoensis</i> | Pecan | 54.1 | 170.0 | 152 | 322.0 | 2006 | 281 |
| <i>Populus</i> | <i>deltoides</i> | Eastern cottonwood | 56.6 | 177.8 | 130 | 307.8 | 2006 | 206 |
| <i>Liquidambar</i> | <i>styraciflua</i> | Sweetgum | 71.0 | 223.1 | 84 | 307.1 | 2006 | 13,306 |
| <i>Quercus</i> | <i>nigra</i> | Water oak | 57.4 | 180.3 | 120 | 300.3 | 2006 | 6,004 |
| <i>Quercus</i> | <i>phellos</i> | Willow oak | 42.2 | 132.6 | 135 | 267.6 | 2006 | 733 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 54.1 | 170.0 | 88 | 258.0 | 2006 | 39,774 |
| <i>Quercus</i> | <i>pagoda</i> | Cherrybark oak | 46.9 | 147.3 | 110 | 257.3 | 2006 | 1,352 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 37.9 | 119.1 | 137 | 256.1 | 2006 | 2,710 |
| <i>Quercus</i> | <i>nuttallii</i> | Nuttall oak | 42.0 | 131.9 | 124 | 255.9 | 2006 | 254 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1971, 1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 24—Top 10 ranking trees of North Carolina by genus, species, and points

| Genus ^{a b} | Species | Common name | Diameter | Circum- ference | Height | Points ^c | Inventory year | N ^d |
|----------------------|---------------------|--------------------|--------------------|--------------------|--------|---------------------|-------------------|----------------|
| | | | ----- inches ----- | | feet | | | |
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 61.5 | 193.2 | 102 | 295.2 | 2002 | 700 |
| <i>Tsuga</i> | <i>canadensis</i> | Eastern hemlock | 45.2 | 142.0 | 145 | 287.0 | 2003 | 1,787 |
| <i>Quercus</i> | <i>rubra</i> | Northern red oak | 50.5 | 158.7 | 117 | 275.7 | 2002 | 3,193 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 47.6 | 149.5 | 111 | 260.5 | 2002 | 12,702 |
| <i>Nyssa</i> | <i>aquatica</i> | Water tupelo | 50.6 | 159.0 | 98 | 257.0 | 2002 | 1,462 |
| <i>Pinus</i> | <i>strobus</i> | Eastern white pine | 34.2 | 107.4 | 145 | 252.4 | 2003 | 3,345 |
| <i>Acer</i> | <i>rubrum</i> | Red maple | 51.2 | 160.8 | 87 | 247.8 | 2002 | 26,915 |
| <i>Quercus</i> | <i>alba</i> | White oak | 40.9 | 128.5 | 119 | 247.5 | 2002 | 6,611 |
| <i>Quercus</i> | <i>prinus</i> | Chestnut oak | 37.8 | 118.8 | 122 | 240.8 | 2002 | 4,558 |
| <i>Platanus</i> | <i>occidentalis</i> | American sycamore | 40.5 | 127.2 | 112 | 239.2 | 2002 | 325 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 25—Top 10 ranking trees of South Carolina by genus, species, and points

| Genus ^{a b} | Species | Common name | Diameter | Circum- ference | Height | Points ^c | Inventory year | N ^d |
|----------------------|--------------------|-------------------|--------------------|--------------------|--------|---------------------|-------------------|----------------|
| | | | ----- inches ----- | | feet | | | |
| <i>Quercus</i> | <i>pagoda</i> | Cherrybark oak | 52.9 | 166.2 | 112 | 278.2 | 2001 | 348 |
| <i>Populus</i> | <i>balsamifera</i> | Balsam poplar | 50.5 | 158.7 | 118 | 276.7 | 2000 | 1 |
| <i>Carya</i> | <i>aquatica</i> | Water hickory | 43.3 | 136.0 | 139 | 275.0 | 2001 | 182 |
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 35.4 | 111.2 | 145 | 256.2 | 2001 | 3,037 |
| <i>Magnolia</i> | <i>grandiflora</i> | Southern magnolia | 41.6 | 130.7 | 125 | 255.7 | 2002 | 64 |
| <i>Quercus</i> | <i>phellos</i> | Willow oak | 44.5 | 139.8 | 112 | 251.8 | 2001 | 1,764 |
| <i>Carya</i> | <i>alba</i> | Mockernut hickory | 33.3 | 104.6 | 139 | 243.6 | 2000 | 2,134 |
| <i>Quercus</i> | <i>lyrata</i> | Overcup oak | 44.2 | 138.9 | 101 | 239.9 | 2006 | 192 |
| <i>Quercus</i> | <i>virginiana</i> | Live oak | 53.3 | 167.4 | 72 | 239.4 | 2001 | 517 |
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 41.3 | 129.7 | 109 | 238.7 | 2001 | 1,279 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 26—Top 10 ranking trees of Tennessee by genus, species, and points

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^c | Inventory year | N ^d |
|----------------------|--------------------|--------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 46.0 | 144.5 | 148 | 292.5 | 2000 | 4,810 |
| <i>Quercus</i> | <i>coccinea</i> | Scarlet oak | 41.0 | 128.8 | 126 | 254.8 | 2004 | 1,889 |
| <i>Quercus</i> | <i>phellos</i> | Willow oak | 36.5 | 114.7 | 136 | 250.7 | 2001 | 112 |
| <i>Quercus</i> | <i>alba</i> | White oak | 30.0 | 94.2 | 152 | 246.2 | 2001 | 6,054 |
| <i>Acer</i> | <i>saccharum</i> | Sugar maple | 33.2 | 104.3 | 140 | 244.3 | 2002 | 11,028 |
| <i>Pinus</i> | <i>strobus</i> | Eastern white pine | 32.4 | 101.8 | 140 | 241.8 | 2003 | 873 |
| <i>Tsuga</i> | <i>canadensis</i> | Eastern hemlock | 40.8 | 128.2 | 111 | 239.2 | 2004 | 947 |
| <i>Quercus</i> | <i>prinus</i> | Chestnut oak | 33.4 | 104.9 | 128 | 232.9 | 2001 | 4,346 |
| <i>Fagus</i> | <i>grandifolia</i> | American beech | 30.2 | 94.9 | 135 | 229.9 | 2001 | 1,222 |
| <i>Quercus</i> | <i>rubra</i> | Northern red oak | 33.4 | 104.9 | 123 | 227.9 | 2002 | 1,073 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 27—Top 10 ranking trees of Texas by genus, species, and points

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^c | Inventory year | N ^d |
|----------------------|-------------------|--------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Populus</i> | <i>deltoides</i> | Eastern cottonwood | 42.7 | 134.1 | 132 | 266.1 | 2005 | 67 |
| <i>Quercus</i> | <i>pagoda</i> | Cherrybark oak | 46.4 | 145.8 | 106 | 251.8 | 2004 | 772 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 35.5 | 111.5 | 138 | 249.5 | 2001 | 33,083 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | 47.0 | 147.7 | 94 | 241.7 | 2005 | 2,586 |
| <i>Quercus</i> | <i>lyrata</i> | Overcup oak | 38.3 | 120.3 | 120 | 240.3 | 2006 | 341 |
| <i>Quercus</i> | <i>alba</i> | White oak | 36.2 | 113.7 | 122 | 235.7 | 2001 | 1,264 |
| <i>Quercus</i> | <i>virginiana</i> | Live oak | 52.9 | 166.2 | 69 | 235.2 | 2004 | 2,881 |
| <i>Taxodium</i> | <i>distichum</i> | Baldcypress | 33.2 | 104.3 | 130 | 234.3 | 2003 | 460 |
| <i>Quercus</i> | <i>phellos</i> | Willow oak | 36.6 | 115.0 | 119 | 234.0 | 2003 | 1,693 |
| <i>Quercus</i> | <i>laurifolia</i> | Laurel oak | 38.2 | 120.0 | 110 | 230.0 | 2002 | 957 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 28—Top 10 ranking trees of Virginia by genus, species, and points

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^c | Inventory year | N ^d |
|----------------------|---------------------|-------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Liriodendron</i> | <i>tulipifera</i> | Yellow-poplar | 47.4 | 148.9 | 133 | 281.9 | 2005 | 8,925 |
| <i>Quercus</i> | <i>pagoda</i> | Cherrybark oak | 52.1 | 163.7 | 116 | 279.7 | 2000 | 64 |
| <i>Platanus</i> | <i>occidentalis</i> | American sycamore | 36.8 | 115.6 | 128 | 243.6 | 2003 | 375 |
| <i>Quercus</i> | <i>falcata</i> | Southern red oak | 32.9 | 103.4 | 138 | 241.4 | 2003 | 1,249 |
| <i>Quercus</i> | <i>alba</i> | White oak | 34.0 | 106.8 | 130 | 236.8 | 2005 | 5,824 |
| <i>Carya</i> | <i>glabra</i> | Pignut hickory | 37.9 | 119.1 | 116 | 235.1 | 2001 | 1,887 |
| <i>Quercus</i> | <i>rubra</i> | Northern red oak | 31.2 | 98.0 | 137 | 235.0 | 2006 | 2,273 |
| <i>Aesculus</i> | <i>flava</i> | Yellow buckeye | 35.5 | 111.5 | 112 | 223.5 | 2002 | 158 |
| <i>Quercus</i> | <i>prinus</i> | Chestnut oak | 43.2 | 135.7 | 85 | 220.7 | 2003 | 6,891 |
| <i>Pinus</i> | <i>taeda</i> | Loblolly pine | 26.9 | 84.5 | 136 | 220.5 | 2002 | 16,673 |

^a USDA Natural Resources Conservation Service (2009).

^b Little (1979).

^c One point awarded for each inch in circumference and foot in height.

^d Number of sampled/measured trees of that particular species.

Table 29—Top 10 ranking trees of Puerto Rico by genus, species, and points

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^b | Inventory year | N ^c |
|----------------------|---------------------|----------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Ficus</i> | <i>citrifolia</i> | Wild banyantree | 68.9 | 216.4 | 73.2 | 289.6 | 2005 | 43 |
| <i>Eugenia</i> | <i>biflora</i> | Blackrodwood | 73.2 | 230.1 | 29.5 | 259.6 | 2005 | 67 |
| <i>Dacryodes</i> | <i>excelsa</i> | Candletree | 42.8 | 134.3 | 82.7 | 217.0 | 2005 | 30 |
| <i>Buchenavia</i> | <i>tetraphylla</i> | Fourleaf buchenavia | 48.1 | 151.3 | 65.6 | 216.9 | 2005 | 20 |
| <i>Pterocarpus</i> | <i>officinalis</i> | Dragonsblood tree | 50.8 | 159.7 | 49.2 | 208.9 | 2005 | 52 |
| <i>Mangifera</i> | <i>indica</i> | Mango | 39.7 | 124.8 | 79.4 | 204.2 | 2005 | 133 |
| <i>Erythrina</i> | <i>poeppigiana</i> | Mountain immortelle | 40.2 | 126.2 | 68.6 | 194.7 | 2005 | 34 |
| <i>Vitex</i> | <i>divaricata</i> | Higuerillo | 42.5 | 133.6 | 55.8 | 189.4 | 2005 | 13 |
| <i>Cordia</i> | <i>borinquensis</i> | Muneco | 26.0 | 81.6 | 100.4 | 182.0 | 2005 | 23 |
| <i>Calophyllum</i> | <i>antillanum</i> | Antilles calophyllum | 33.9 | 106.4 | 72.2 | 178.5 | 2005 | 66 |

^a USDA Natural Resources Conservation Service (2009).

^b One point awarded for each inch in circumference and foot in height.

^c Number of sampled/measured trees of that particular species.

Table 30—Top 10 ranking trees of the U.S. Virgin Islands by genus, species, and points

| Genus ^{a b} | Species | Common name | Diameter ----- inches ----- | Circum- ference | Height feet | Points ^b | Inventory year | N ^c |
|----------------------|--------------------|----------------------|--------------------------------|--------------------|----------------|---------------------|-------------------|----------------|
| <i>Swietenia</i> | <i>mahagoni</i> | West Indian mahogany | 46.4 | 145.8 | 36.1 | 181.9 | 2005 | 19 |
| <i>Manilkara</i> | <i>bidentata</i> | Bulletwood | 24.3 | 76.4 | 49.2 | 125.6 | 2005 | 1 |
| <i>Cedrela</i> | <i>odorata</i> | Spanish cedar | 23.4 | 73.5 | 36.1 | 109.6 | 2005 | 1 |
| <i>Guapira</i> | <i>fragrans</i> | Black mampoo | 19.0 | 59.6 | 49.2 | 108.8 | 2005 | 129 |
| <i>Melicoccus</i> | <i>bijugatus</i> | Spanish lime | 23.5 | 73.7 | 27.9 | 101.6 | 2005 | 60 |
| <i>Cordia</i> | <i>alliodora</i> | Spanish elm | 11.3 | 35.6 | 49.2 | 84.8 | 2005 | 14 |
| <i>Bursera</i> | <i>simaruba</i> | Gumbo limbo | 14.8 | 46.6 | 38.1 | 84.7 | 2005 | 64 |
| <i>Pisonia</i> | <i>subcordata</i> | Water mampoo | 17.7 | 55.7 | 27.9 | 83.5 | 2005 | 35 |
| <i>Chrysophyllum</i> | <i>pauciflorum</i> | Camito de perro | 15.2 | 47.9 | 32.8 | 80.7 | 2005 | 12 |
| <i>Andira</i> | <i>inermis</i> | Cabbagebark tree | 15.2 | 47.6 | 32.8 | 80.4 | 2005 | 10 |

^a USDA Natural Resources Conservation Service (2009).

^b One point awarded for each inch in circumference and foot in height.

^c Number of sampled/measured trees of that particular species.



FIA Forester Greg Smith took some time out to measure this massive cherrybark oak in Mississippi. Photo by Jeremy Rogers.

Appendix

Table A.1—Percent compliance to Measurement Quality Objectives tolerances of variables for the Southern FIA States (except Oklahoma, Puerto Rico, and U.S. Virgin Islands) for the period of 2001–2006

| Variable | Tolerance | Percentage of data within tolerance | | | | Number of times data exceeded tolerance | | | | Records |
|--------------|--------------|-------------------------------------|------|------|------|---|------|------|------|---------|
| | | @ 1x | @ 2x | @ 3x | @ 4x | @ 1x | @ 2x | @ 3x | @ 4x | |
| D.b.h. | ±0.1/20 in. | 87.0 | 92.6 | 95.1 | 96.3 | 1,051 | 599 | 397 | 296 | 8,066 |
| Species | No tolerance | 95.9 | — | — | — | 352 | — | — | — | 8,592 |
| Total length | ±10 percent | 75.3 | 88.0 | 91.9 | 93.3 | 1,901 | 924 | 622 | 519 | 7,693 |

FIA = Forest Inventory and Analysis.
 — = not applicable.

Table A.2—Tree genus and species that were removed from the Southern forest inventory big tree tables

| Genus | Species | Common name |
|-------------------|----------------------|----------------------|
| <i>Aesculus</i> | <i>californica</i> | California buckeye |
| <i>Carpinus</i> | <i>caroliniana</i> | American hornbeam |
| <i>Cercis</i> | <i>canadensis</i> | Eastern redbud |
| <i>Elaeagnus</i> | <i>angustifolia</i> | Russian olive |
| <i>Fraxinus</i> | <i>latifolia</i> | Oregon ash |
| <i>Fraxinus</i> | <i>nigra</i> | Black ash |
| <i>Ginkgo</i> | <i>biloba</i> | Ginkgo |
| <i>Magnolia</i> | <i>acuminata</i> | Cucumbertree |
| <i>Oxydendrum</i> | <i>arboreum</i> | Sourwood |
| <i>Persea</i> | <i>borbonia</i> | Redbay |
| <i>Quercus</i> | <i>ellipsoidalis</i> | Northern pin oak |
| <i>Quercus</i> | <i>kelloggii</i> | California black oak |
| <i>Triadica</i> | <i>sebifera</i> | Chinese tallowtree |
| <i>Ulmus</i> | <i>serotina</i> | September elm |



This baldcypress was found 15 feet outside of the inventory plot but FIA Forester Jay Frost could not pass up the opportunity to measure such a large tree.

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