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# **Suitability of North American Tree Species to the Gypsy Moth: A Summary of Field and Laboratory Tests**

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## Abstract

As the gypsy moth expands its range into new portions of the United States, there is a need to predict which tree species will be attacked by this defoliating insect. There have been several studies describing feeding preferences of the gypsy moth, but these results have not been summarized in a single list. We report and summarize all of the major tests of foliage suitability to gypsy moth for tree species that are found in the United States. Foliage suitability to gypsy moth is a trait that is correlated among closely related species. As a result, it is possible to extrapolate foliage suitability of North American tree species for which no screenings have been performed. A list of foliage suitability is summarized as susceptible, resistant, or immune for every tree species in the United States.

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## Introduction

The gypsy moth, *Lymantria dispar* (L.), was introduced in the United States near 1869 near Boston. Since that time, it has spread slowly to the North, West, and South, and its current range includes all of the Northeastern States, as well as portions of Michigan, Ohio, West Virginia, Virginia, and North Carolina (Liebhold et al. 1992). Over the next 50 years it is likely that the gypsy moth will expand its range to include much of the Southeast and Midwest. Over the last 100 years, defoliation by this insect has caused considerable damage to several of the most valuable tree species in the Northeast, particularly the oaks (*Quercus* spp). To prepare for this pest in currently uninfested regions, there is a need to identify the tree species that the gypsy moth is likely to attack.

Several studies have attempted to classify the susceptibility of various tree species to defoliation by the gypsy moth. Perhaps the most meaningful studies have been those that quantified defoliation levels in forest stands with high-density populations of gypsy moth (Campbell and Sloan 1977; Gansner and Herrick 1985). While these studies provide useful information on the susceptibility of different tree species to the gypsy moth, the geographic scope of such empirical field data is limited to the Northeastern United States. Information about the susceptibility of tree species that are not found in this region is available only from laboratory studies (e.g., Forbush and Fernald 1896; Mosher 1915; Miller and Hanson 1989a).

In reviewing gypsy moth feeding trials, Montgomery (1991) pointed out that it is difficult to compare these studies because virtually no two used the same techniques. In some trials, gypsy moths were confined to the foliage of two or more species; in others, there were no choices. Further, some studies based evaluations of host suitability solely on growth (i.e., weight gain), others on survival, and still others on the propensity of gypsy moths to feed on the foliage. In fact, the suitability of a tree species in the field is a combination of both choice and performance (Montgomery 1991).

Apart from the difficulties in comparing data from non-standardized trials, there is a need to combine information on tree suitability into a single source. The objective of this report was to tabulate the results of field observations and laboratory feeding trials to obtain a generalization of the suitability of tree species. For each species we developed a ranking (1-3) of foliage suitability. For species with extensive tests in the literature, this rank represents a summary of these tests. For tree species for which there are few or no reports, the rank is a "best guess" based on the results of field and laboratory tests of closely related species.

## Methods

The scope of this study was confined to tree species that are native to or common in the United States. We define a tree as any woody plant that attains a diameter at breast height of 6 or more inches. We obtained an initial list of tree species from USDA Forest Service forest inventory data, but added additional species listed elsewhere (Little 1979; Gleason and Cronquist 1991; Hitchcock and Cronquist 1976; Radford et al. 1983; Morin 1993; Bailey 1951; Silba 1986). For purposes of tabulation, all species were initially listed in taxonomic order (phylum, class, order, and so on). The phylogenetic classification follows that of Cronquist (1988). Latin binomial names of gymnosperms were used as they appear in Morin (1993). Nomenclature of all other tree species was extracted from published lists of various regional floras (Gleason and Cronquist 1991; Hitchcock and Cronquist 1976; Radford et al. 1983).

The results of four field studies of host suitability were included in the summary (Campbell and Sloan 1977; Gansner and Herrick 1985; Lechowicz and Jobin 1983; Maufette et al. 1983). While there are other publications that report defoliation levels on different tree species, only these studies examined a broad range of species, though they differed in the way that host preference was measured and interpreted. Campbell and Sloan (1977) and Gansner and Herrick (1985) reported suitability in terms of observed defoliation levels. By contrast, Lechowicz and Jobin (1983) and Maufette et al. (1983) reported preference in terms of an "electivity index" which was based on larval numbers found on a given species relative to the species' dominance in the stand. We categorized the results of these studies into one of three relative ranks (Table 1) using Montgomery's (1991) concepts of "susceptible," "resistant," and "immune" as guidelines.

The results of seven laboratory feeding trials were included in the summary (Edwards et al. 1981; Forbush and Fernald 1896; Miller and Hanson 1989a,b; Montgomery 1994; Mosher 1915; Nielsen 1992). Again, there are other publications that report gypsy moth performance on different tree species but they lack a sufficiently broad range of species to be included here. As described by Montgomery (1991), these studies differ in procedures used to assess foliage suitability, but it is possible to categorize the results into relative ranks (Table 1). For each of the Miller and Hanson (1981a,b) trials, we extracted two groups of data: one summarized information on larval survival; the other summarized pupal weights. The 1-3 ranking was applied to each of these. Two classifications were derived from Mosher (1915). One classification gives the actual ranks (1-4) that Mosher reported in a summary table. The other classification was derived by incorporating our interpretation

of Mosher's narrative description of his feeding trial results into Montgomery's 1-3 ranks. The feeding trials of Edwards et al. (1981) and Forbush and Fernald (1896) are different from the other five laboratory feeding trials in that these authors noted only whether or not larvae fed on the shoot when confined with it for several days. These studies identify which species are immune to attack but do not distinguish between resistant and susceptible species. Since they resemble binomial ranks, they were scored as (+) or (-) to indicate plants fed on or not fed on, respectively.

We also included the results of one review article (Montgomery 1991) because it is the only study that reinterpreted previous feeding trials after adjusting for variations among trials. Montgomery accomplished this adjustment by expressing foliage suitability as the ratio of pupal weight of larvae reared on a host species divided by the pupal weight of larvae reared on white oak (*Quercus alba*) in the same study. Thus, the continuous relative index produced was then divided into three ranks (Table 1).

We combined the results of all 15 studies into a single rank statistic for each species. Again, this rank follows the same categories described by Montgomery (1991). In several cases there was disagreement as to the results of different studies. We usually gave the field studies greater importance than laboratory studies in forming the summary rank. Generally, the results of Mosher (1915), Edwards et al. (1981), and Forbush and Fernald (1896) were given little significance since their methods were problematic (Montgomery 1991). No data were available for several species. In these cases we used taxonomic affinities to guide the formation of a "guess." Results obtained from congeneric species were used to extrapolate ranks to these species. For species lacking congeneric species that were used in published studies, we used information from similar species in the same family.

## Results

Results of previous studies on foliage suitability as well as our composite summary suitability rating are given in Table 2. This table lists the scientific names of trees in alphabetical order. Table 3 is an index to common names, and Table 4 is the taxonomic checklist for all species listed in Table 2.

Table 2 generally supports Lechowicz and Maufette's (1986) conclusion that variation in foliage suitability to the gypsy moth is highly related to taxonomic affinity of tree species. Foliage suitability tends to be similar both among congeneric species, and among genera within the same family. For example, feeding trials indicated high foliage suitability for virtually all *Quercus* species tested to date. Similarity within genera and higher taxonomic groups was the basis for our use of the suitability of closely related tree species to extrapolate the suitability of species for which there is no known information. However, caution should be used in drawing conclusions based on these extrapolations as there often is considerable variation in foliage suitability within the same genus (e.g., *Betula*), and variation is even greater among genera within the same family (e.g., Pinaceae).

Montgomery (1991) pointed out the difficulty in interpreting the results of gypsy moth feeding trials. Table 2 shows that variation in measurement and interpretation techniques used in the different studies often resulted in contradictory conclusions. Clearly, actual measurements of gypsy moth defoliation levels in the field are more meaningful indicators of hosts suitability. Montgomery also pointed out that there often is considerable variation in foliage suitability within a species.

We expect that more reliable estimates of suitability will become available as additional tests are completed. The feeding trials summarized here currently constitute the best available information for predicting future effects on these species, but these data should be updated periodically. Definitive measures of foliage suitability will not be available for North American tree species until gypsy moth populations become established in the range of all of these species.

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Table 1.—Description of suitability ranks summarized from the literature

| No. | Citation                                                     | Basis of rank                                                                                                                                                                                                                    |
|-----|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Campbell and Sloan 1977<br>(Table 6, page 17)                | Composite defoliation ratio between each tree species and white oak :<br>1 defoliation ratio > 0.5<br>2 0.1 < defoliation ratio < 0.5<br>3 defoliation ratio < 0.1                                                               |
| 2   | Gansner and Herrick 1985<br>(Figure 2, page 2)               | Average defoliation by species:<br>1 defoliation > 30%<br>2 10% < defoliation < 30%<br>3 defoliation < 10%                                                                                                                       |
| 3   | Lechowicz and Jobin 1983<br>(Table 2, page 178)              | Composite Electivity Index (E) based on larval abundance:<br>1 $E > 0$<br>2 $-0.62 < E < 0$<br>3 $E < -0.62$                                                                                                                     |
| 4   | Mauffette et al. 1983<br>(Table 3, page 58)                  | Composite Electivity Index (E) based on larval abundance:<br>1 $E > 0.1$<br>2 $-0.3 < E < 0.1$<br>3 $E < -0.3$                                                                                                                   |
| 5   | Miller and Hanson 1989a<br>(Appendix I, pages 30-48)         | Larval survival:<br>1 Larval survival from 1st instar, 100% pupation<br>2 Larvae did not survive at all instars, less than 100% pupation<br>3 Larvae did not molt, no pupation                                                   |
| 6   | Miller and Hanson 1989a<br>(Appendix I, pages 30-48)         | Pupal weight:<br>1 pupa > 1000 mg<br>2 700 mg < pupa < 1000 mg<br>3 pupa < 700 mg                                                                                                                                                |
| 7   | Miller and Hanson 1989b<br>(Table 1, pages 427-428)          | Larval survival:<br>1 survival from 1st instar, 100% pupation<br>2 survival from 1st instar, less than 100% pupation<br>3 survival from later than 1st instar, less than 100% pupation                                           |
| 8   | Miller and Hanson 1989b<br>(Table 1, pages 427-428)          | Pupal weight:<br>1 pupa > 1000 mg<br>2 700 mg < pupa < 1000 mg<br>3 pupa < 700 mg                                                                                                                                                |
| 9   | Montgomery 1994                                              | Average weights of 1st instars after 10 days feeding:<br>1 larva > 8 mg<br>2 2.5 mg < larva < 8 mg<br>3 larva < 2.5 mg                                                                                                           |
| 10  | Nielsen 1992                                                 | Larval growth and survival:<br>1 High growth and survival of new larvae<br>2 Growth rate is less than group 1, but considered good hosts<br>3 Supported growth to about the same extent as red maple<br>4 Larvae did not survive |
| 11  | Mosher 1915<br>(plant classification tables,<br>pages 33-34) | Larval foliage preferences:<br>1 Favored food<br>2 Favored after the earlier larval stages<br>3 Not particularly favored<br>4 Unfavored                                                                                          |
| 12  | Mosher 1915<br>(reinterpretation of narratives)              | Larval foliage preferences:<br>1 susceptible<br>2 resistant<br>3 immune                                                                                                                                                          |
| 13  | Edwards et al. 1981<br>(Appendix 5, pages 35-37)             | Tests of foliage preferences by larvae:<br>+ accepted flora<br>- non or poorly accepted flora                                                                                                                                    |
| 14  | Forbush and Fernald 1896<br>(plant lists, pages 318-323)     | Tests of foliage preferences by larvae:<br>+ accepted flora<br>- accepted only when forced by starvation                                                                                                                         |
| 15  | Montgomery 1991<br>(From Table 2, page 5)                    | Ratio of the pupal weight on the host to the pupal weight on white oak<br>within the same study:<br>1 ratio > 0.9<br>2 0.5 < ratio < 0.9<br>3 ratio < 0.5                                                                        |

Table 2.—Gypsy moth suitability rankings (see Table 1 for codes and references)

| Tree species         |                                          | Combined ranking | Reference no. |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|----------------------|------------------------------------------|------------------|---------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
|                      |                                          |                  | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| <i>Abelia</i>        | <i>chinensis</i> var. <i>grandiflora</i> | 3                |               |   |   |   |   | 3 |   |   |   |    |    |    |    |    |    |
| <i>Abies</i>         | <i>amabilis</i>                          | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Abies</i>         | <i>balsamea</i>                          | 3                |               |   |   |   |   |   |   |   |   | 4  | 3  | -  | +  |    |    |
| <i>Abies</i>         | <i>bifolia</i>                           | 3                |               |   |   |   |   |   |   |   |   | 4  | 3  | -  | +  |    |    |
| <i>Abies</i>         | <i>bracteata</i>                         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Abies</i>         | <i>concolor</i>                          | 2                |               |   |   |   |   |   | 2 | 2 |   |    |    |    |    |    |    |
| <i>Abies</i>         | <i>fraseri</i>                           | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Abies</i>         | <i>grandis</i>                           | 2                |               |   |   |   |   |   | 3 | 2 |   |    |    |    | +  |    |    |
| <i>Abies</i>         | <i>holophylla</i>                        | 3                |               |   |   |   |   |   | 3 | 3 |   |    |    |    | +  |    |    |
| <i>Abies</i>         | <i>lasiocarpa</i>                        | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Abies</i>         | <i>lowiana</i>                           | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Abies</i>         | <i>magnifica</i>                         | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Abies</i>         | <i>procera</i>                           | 2                |               |   |   |   |   |   | 3 | 3 |   |    |    |    |    |    |    |
| <i>Acacia</i>        | <i>baileyana</i>                         | 2                |               |   |   |   |   | 1 | 3 |   |   |    |    |    |    |    |    |
| <i>Acacia</i>        | <i>farnesiana</i>                        | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Acacia</i>        | <i>greggii</i>                           | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Acacia</i>        | <i>koa</i>                               | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Acacia</i>        | <i>longifolia</i>                        | 2                |               |   |   |   |   | 2 | 2 |   |   |    |    |    |    |    |    |
| <i>Acacia</i>        | spp.                                     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Acacia</i>        | <i>tortuosa</i>                          | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Acacia</i>        | <i>wrightii</i>                          | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Acer</i>          | <i>barbatum</i>                          | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Acer</i>          | <i>campestre</i>                         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Acer</i>          | <i>circinatum</i>                        | 2                |               |   |   |   |   | 1 | 3 |   |   |    |    |    |    |    |    |
| <i>Acer</i>          | <i>ginnala</i>                           | 3                |               |   |   |   |   |   |   |   | 3 |    |    |    |    |    |    |
| <i>Acer</i>          | <i>glabrum</i>                           | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Acer</i>          | <i>grandidentatum</i>                    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Acer</i>          | <i>japonicum</i>                         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Acer</i>          | <i>leucoderme</i>                        | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Acer</i>          | <i>macrophyllum</i>                      | 2                |               |   |   |   |   | 1 | 1 |   |   | 3  |    |    |    |    |    |
| <i>Acer</i>          | <i>negundo</i>                           | 2                |               |   |   |   | 3 | 1 | 2 |   | 2 |    | 1  | 1  |    | +  |    |
| <i>Acer</i>          | <i>nigrum</i>                            | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Acer</i>          | <i>palmatum</i>                          | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Acer</i>          | <i>pensylvanicum</i>                     | 3                |               | 3 |   | 3 |   |   |   |   |   |    | 4  | 3  |    |    |    |
| <i>Acer</i>          | <i>platanoides</i>                       | 2                |               |   |   |   |   | 1 | 2 |   |   |    | 3  | 2  |    |    |    |
| <i>Acer</i>          | <i>pseudoplatanus</i>                    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    | +  |
| <i>Acer</i>          | <i>rubrum</i>                            | 2                |               | 2 | 2 | 3 | 3 |   |   |   | 2 |    | 3  | 2  |    | +  | 2  |
| <i>Acer</i>          | <i>saccharinum</i>                       | 3                |               |   |   | 1 | 3 |   |   |   |   |    | 3  | 3  |    | +  |    |
| <i>Acer</i>          | <i>saccharum</i>                         | 2                |               | 2 | 3 |   | 2 |   |   |   |   |    | 3  | 2  |    | +  | 3  |
| <i>Acer</i>          | <i>spicatum</i>                          | 3                |               |   |   | 2 |   |   |   |   |   |    | 4  | 3  |    |    |    |
| <i>Acer</i>          | <i>tataricum</i>                         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Acrodonthaphe</i> | <i>wrightii</i>                          | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Adonia</i>        | <i>merrillii</i>                         | 3                |               |   |   |   |   | 3 |   |   |   |    |    |    |    |    |    |
| <i>Aesculus</i>      | <i>californica</i>                       | 3                |               |   |   |   |   |   |   |   |   | 3  |    |    |    |    |    |
| <i>Aesculus</i>      | <i>glabra</i>                            | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Aesculus</i>      | <i>hippocastanum</i>                     | 3                |               |   |   |   |   | 3 |   |   |   |    |    |    |    | +  |    |
| <i>Aesculus</i>      | <i>octandra</i>                          | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Aesculus</i>      | <i>pavia</i>                             | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Aesculus</i>      | <i>sylvatica</i>                         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ailanthus</i>     | <i>altissima</i>                         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Albizia</i>       | <i>julibrissin</i>                       | 3                |               |   |   |   |   | 3 |   |   |   |    |    |    |    |    |    |
| <i>Aleurites</i>     | <i>fordii</i>                            | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Alnus</i>         | <i>maritima</i>                          | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Alnus</i>         | <i>oblongifolia</i>                      | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Alnus</i>         | <i>rhombifolia</i>                       | 2                |               |   |   |   |   | 1 | 3 |   |   |    |    |    |    |    |    |

Continued

Table 2.—Continued

| Tree species                     | Combined ranking | Reference no. |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|----------------------------------|------------------|---------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
|                                  |                  | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| <i>Alnus rubra</i>               | 1                |               |   |   |   | 1 | 1 |   |   |   |    |    |    |    |    |    |
| <i>Alnus rugosa</i>              | 1                |               |   |   |   |   |   |   |   |   | 1  | 1  |    |    |    |    |
| <i>Alnus serrulata</i>           | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  | 3  |
| <i>Alnus sinuata</i>             | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Alnus tenuifolia</i>          | 1                |               |   |   |   | 1 | 2 |   |   |   |    |    |    |    |    |    |
| <i>Alvaradoa amorphoides</i>     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Amelanchier alnifolia</i>     | 2                |               |   |   |   | 1 | 3 |   |   |   |    |    |    |    | +  |    |
| <i>Amelanchier arborea</i>       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    | 2  |
| <i>Amelanchier canadensis</i>    | 2                |               |   |   |   |   |   |   | 3 |   |    | 1  |    |    | +  |    |
| <i>Amelanchier laevis</i>        | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Amelanchier spp.</i>          | 2                |               | 2 | 1 | 1 |   |   |   |   |   | 1  | 1  |    |    |    |    |
| <i>Amphitecna latifolia</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Amyris elemifera</i>          | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Annona glabra</i>             | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Aralia spinosa</i>            | 3                |               |   |   |   | 3 |   |   |   |   |    |    |    |    | +  |    |
| <i>Arbutus arizonica</i>         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Arbutus menziesii</i>         | 1                |               |   |   |   | 1 | 2 |   |   |   |    |    |    |    |    |    |
| <i>Arbutus texana</i>            | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Arbutus unedo</i>             | 2                |               |   |   |   | 1 | 3 |   |   |   |    |    |    |    |    |    |
| <i>Ardisia escallonioides</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ardisia japonica</i>          | 3                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Arecastrum romanzoffianum</i> | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Asimina triloba</i>           | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Avicennia germinans</i>       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Betula alba</i>               | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    | +  |
| <i>Betula alleghaniensis</i>     | 3                |               |   | 3 | 3 | 3 |   |   |   |   |    | 3  | 2  | +  | +  |    |
| <i>Betula lenta</i>              | 2                |               | 2 | 2 |   |   |   |   |   | 2 |    | 3  | 2  | +  | +  | 3  |
| <i>Betula nigra</i>              | 1                |               | 1 |   |   |   |   |   |   | 2 |    | 1  | 1  | +  | +  |    |
| <i>Betula occidentalis</i>       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Betula papyrifera</i>         | 1                |               | 1 | 2 | 2 | 2 |   |   |   |   |    | 1  | 1  | +  | +  | 1  |
| <i>Betula pendula</i>            | 1                |               |   |   |   |   | 1 | 1 |   |   |    |    |    |    |    |    |
| <i>Betula populifolia</i>        | 1                |               | 1 |   |   | 2 |   |   |   | 1 |    | 1  | 1  | +  | +  | 1  |
| <i>Betula pumila</i>             | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Betula verrucosa</i>          | 1                |               |   |   |   | 1 | 1 |   |   |   |    |    |    |    |    |    |
| <i>Bourreria ovata</i>           | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Broussonetia papyrifera</i>   | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Bumelia lanuginosa</i>        | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Bursera simaruba</i>          | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Callitris glaucophylla</i>    | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Calocedrus decurrens</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Calycanthus floridus</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Calyptranthes pallens</i>     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Calyptranthes zuzygium</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Canella winterana</i>         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Canotia holacantha</i>        | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Capparis cynophallophora</i>  | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Caragana arborescens</i>      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Carica papaya</i>             | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Carpinus caroliniana</i>      | 2                |               |   |   |   |   |   |   |   | 2 |    | 3  | 2  |    | +  | 2  |
| <i>Carya aquatica</i>            | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Carya cordiformis</i>         | 2                |               |   |   | 2 | 3 |   |   |   |   |    | 3  | 3  |    |    |    |
| <i>Carya floridana</i>           | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Carya glabra</i>              | 2                |               |   |   |   |   |   |   |   |   |    | 3  | 3  |    | +  |    |
| <i>Carya illinoensis</i>         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Carya laciniata</i>           | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Carya myristiciformis</i>     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |

Continued

Table 2.—Continued

| Tree species         |                      | Combined ranking | Reference no. |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|----------------------|----------------------|------------------|---------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
|                      |                      |                  | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| <i>Carya</i>         | <i>ovalis</i>        | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Carya</i>         | <i>ovata</i>         | 3                |               |   |   | 3 |   |   |   |   |   | 3  | 3  |    |    |    |    |
| <i>Carya</i>         | <i>pallida</i>       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Carya</i>         | spp.                 | 2                | 2             | 1 |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Carya</i>         | <i>texana</i>        | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Carya</i>         | <i>tomentosa</i>     | 2                |               |   |   |   |   |   |   | 1 |   | 3  | 2  |    | +  | 2  |    |
| <i>Caryota</i>       | <i>urens</i>         | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Castanea</i>      | <i>dentata</i>       | 2                | 2             |   |   |   |   |   |   |   |   | 2  | 2  |    | +  |    |    |
| <i>Castanea</i>      | <i>ozarkensis</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Castanea</i>      | <i>pumila</i>        | 2                |               |   |   |   |   |   |   |   |   |    |    |    | -  | +  |    |
| <i>Castanopsis</i>   | <i>chrysophylla</i>  | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Casuarina</i>     | <i>equisetifolia</i> | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Casuarina</i>     | <i>stricta</i>       | 2                |               |   |   |   | 2 |   |   |   |   |    |    |    |    |    |    |
| <i>Catalpa</i>       | <i>bignonioides</i>  | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Catalpa</i>       | <i>speciosa</i>      | 3                |               |   |   |   | 3 |   |   |   |   |    |    | 3  | -  |    |    |
| <i>Catalpa</i>       | spp.                 | 3                |               |   |   |   |   |   |   |   |   | 4  | 3  |    |    |    |    |
| <i>Ceanothus</i>     | <i>arboreus</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ceanothus</i>     | <i>integerrimus</i>  | 3                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Ceanothus</i>     | <i>maritimus</i>     | 2                |               |   |   |   | 1 | 2 |   |   |   |    |    |    |    |    |    |
| <i>Ceanothus</i>     | <i>spinosus</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ceanothus</i>     | spp.                 | 3                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Ceanothus</i>     | <i>thyrsiflorus</i>  | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cedrus</i>        | <i>atlantica</i>     | 2                |               |   |   |   |   | 2 | 2 |   | 3 |    |    |    |    |    |    |
| <i>Cedrus</i>        | <i>deodara</i>       | 2                |               |   |   |   |   | 1 | 1 |   | 3 |    |    |    |    |    |    |
| <i>Cedrus</i>        | <i>libani</i>        | 2                |               |   |   |   |   | 2 | 3 |   | 3 |    |    |    |    |    |    |
| <i>Celtis</i>        | <i>laevigata</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Celtis</i>        | <i>occidentalis</i>  | 3                |               |   |   |   |   |   |   | 3 |   | 4  | 3  |    |    |    |    |
| <i>Celtis</i>        | <i>tenuifolia</i>    | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cephalanthus</i>  | <i>occidentalis</i>  | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Cercidium</i>     | <i>floridum</i>      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cercidium</i>     | <i>microphyllum</i>  | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cercis</i>        | <i>canadensis</i>    | 3                |               |   |   |   | 3 |   |   |   |   |    |    |    |    | +  |    |
| <i>Cercis</i>        | <i>occidentalis</i>  | 3                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Cercocarpus</i>   | <i>betuloides</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cercocarpus</i>   | <i>breviflorus</i>   | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cercocarpus</i>   | <i>intlicatus</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cercocarpus</i>   | <i>ledifolius</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cercocarpus</i>   | <i>montanus</i>      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cereus</i>        | <i>giganteus</i>     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Chaenomeles</i>   | <i>lagenaria</i>     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Chamaecyparis</i> | <i>lawsoniana</i>    | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Chamaecyparis</i> | <i>nootkatensis</i>  | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Chamaecyparis</i> | <i>thyoides</i>      | 3                | 2             |   |   |   |   |   |   |   | 3 |    |    |    |    |    |    |
| <i>Chilopsis</i>     | <i>linearis</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Chionanthus</i>   | <i>virginicus</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Chrysobalanus</i> | <i>icaco</i>         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Chrysophyllum</i> | <i>oliviforme</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cinnamomum</i>    | <i>camphora</i>      | 1                |               |   |   |   | 1 | 3 |   |   |   |    |    |    |    |    |    |
| <i>Citharexylum</i>  | <i>fruticosum</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Citrus</i>        | <i>aurantifolia</i>  | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Citrus</i>        | <i>limon</i>         | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    | -  |    |
| <i>Citrus</i>        | <i>sinensis</i>      | 2                |               |   |   |   | 2 | 2 |   |   |   |    |    |    |    |    |    |
| <i>Cladrastis</i>    | <i>lutea</i>         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Clethra</i>       | <i>alnifolia</i>     | 3                |               |   |   |   |   |   |   |   |   | 4  | 3  |    |    |    |    |
| <i>Clethra</i>       | spp.                 | 3                |               |   |   |   |   |   |   |   |   | 4  |    |    |    |    |    |
| <i>Cliftonia</i>     | <i>monophylla</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |

Continued

Table 2.—Continued

| Tree species           |                      | Combined ranking | Reference no. |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|------------------------|----------------------|------------------|---------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
|                        |                      |                  | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| <i>Coccoloba</i>       | <i>diversifolia</i>  | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Coccoloba</i>       | <i>uvifera</i>       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Coccothrinax</i>    | <i>argentata</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cocos</i>           | <i>nucifera</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Colubrina</i>       | <i>elliptica</i>     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Conocarpus</i>      | <i>erectus</i>       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cordia</i>          | <i>sebestena</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cornus</i>          | <i>alternifolia</i>  | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cornus</i>          | <i>drummondii</i>    | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cornus</i>          | <i>florida</i>       | 2                |               | 2 |   |   | 2 |   |   |   |   |    | 4  | 3  | -  | +  |    |
| <i>Cornus</i>          | <i>nuttallii</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cornus</i>          | <i>racemosa</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cornus</i>          | <i>rugosa</i>        | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cornus</i>          | <i>spp.</i>          | 3                |               |   |   |   |   |   |   |   |   |    | 4  | 3  |    |    |    |
| <i>Cornus</i>          | <i>stolonifera</i>   | 3                |               |   |   |   | 2 |   |   |   |   |    | 4  | 3  |    |    |    |
| <i>Corylus</i>         | <i>americana</i>     | 1                |               |   |   |   |   |   |   |   |   |    | 1  | 1  |    | +  |    |
| <i>Corylus</i>         | <i>avellana</i>      | 1                |               |   |   |   | 1 | 2 |   |   |   |    |    |    |    |    |    |
| <i>Corylus</i>         | <i>comuta</i>        | 2                |               |   |   |   | 1 | 2 |   |   |   |    | 1  | 1  | +  |    |    |
| <i>Cotinus</i>         | <i>cogggyria</i>     | 1                |               |   |   |   | 1 | 1 |   |   |   |    |    |    |    | +  |    |
| <i>Cotinus</i>         | <i>obovatus</i>      | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cowania</i>         | <i>mexicana</i>      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Crataegus</i>       | <i>berberifolia</i>  | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Crataegus</i>       | <i>brachyacantha</i> | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Crataegus</i>       | <i>coccinea</i>      | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Crataegus</i>       | <i>crus-galli</i>    | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Crataegus</i>       | <i>douglasii</i>     | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Crataegus</i>       | <i>intricata</i>     | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Crataegus</i>       | <i>marshallii</i>    | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Crataegus</i>       | <i>mollis</i>        | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Crataegus</i>       | <i>monogyna</i>      | 2                |               |   |   |   | 1 | 3 |   |   |   |    |    |    |    |    |    |
| <i>Crataegus</i>       | <i>opaca</i>         | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Crataegus</i>       | <i>oxyacantha</i>    | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Crataegus</i>       | <i>pruinosa</i>      | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Crataegus</i>       | <i>saligna</i>       | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Crataegus</i>       | <i>spathulata</i>    | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Crataegus</i>       | <i>spp.</i>          | 1                |               |   |   |   |   |   |   |   |   |    | 1  | 1  | +  |    |    |
| <i>Cunninghamia</i>    | <i>lanceolata</i>    | 3                |               |   |   |   |   |   | 3 |   |   |    |    |    |    |    |    |
| <i>Cupressocyparis</i> | <i>leylandii</i>     | 3                |               |   |   |   |   |   | 3 | 3 |   |    |    |    |    |    |    |
| <i>Cupressus</i>       | <i>arizonica</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cupressus</i>       | <i>bakeri</i>        | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cupressus</i>       | <i>goveniana</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cupressus</i>       | <i>guadalupensis</i> | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cupressus</i>       | <i>macnabiana</i>    | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cupressus</i>       | <i>macrocarpa</i>    | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cupressus</i>       | <i>sargentii</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Cydonia</i>         | <i>oblonga</i>       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Cynilia</i>         | <i>racemiflora</i>   | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Dailea</i>          | <i>spinosa</i>       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Diospyros</i>       | <i>texana</i>        | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Diospyros</i>       | <i>virginiana</i>    | 3                |               |   |   |   | 2 | 2 |   |   |   |    | 4  | 3  |    |    |    |
| <i>Dipholis</i>        | <i>salicifolia</i>   | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Drypetes</i>        | <i>lateriflora</i>   | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Elaeagnus</i>       | <i>angustifolia</i>  | 3                |               |   |   |   |   |   |   |   | 3 |    |    |    |    | +  |    |
| <i>Elliottia</i>       | <i>racemosa</i>      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Eriobotrya</i>      | <i>japonica</i>      | 2                |               |   |   |   | 2 |   |   |   |   |    |    |    |    |    |    |
| <i>Erythrina</i>       | <i>herbacea</i>      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |

Continued

Table 2.—Continued

| Tree species      |                      | Combined ranking | Reference no. |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|-------------------|----------------------|------------------|---------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
|                   |                      |                  | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| <i>Eucalyptus</i> | <i>botryoides</i>    | 2                |               |   |   |   | 2 |   |   |   |   |    |    |    |    |    |    |
| <i>Eucalyptus</i> | <i>camaldulensis</i> | 2                |               |   |   |   | 1 | 2 |   |   |   |    |    |    |    |    |    |
| <i>Eucalyptus</i> | <i>camphora</i>      | 2                |               |   |   |   | 2 |   |   |   |   |    |    |    |    |    |    |
| <i>Eucalyptus</i> | <i>cinerea</i>       | 1                |               |   |   |   | 1 | 1 |   |   | 1 |    |    |    |    |    |    |
| <i>Eucalyptus</i> | <i>diversifolia</i>  | 2                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Eucalyptus</i> | <i>globulus</i>      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Eucalyptus</i> | <i>gunnii</i>        | 1                |               |   |   |   | 1 | 1 |   |   |   |    |    |    |    |    |    |
| <i>Eucalyptus</i> | <i>leucoxylon</i>    | 2                |               |   |   |   | 2 | 3 |   |   |   |    |    |    |    |    |    |
| <i>Eucalyptus</i> | <i>polyanthemos</i>  | 2                |               |   |   |   | 2 |   |   |   |   |    |    |    |    |    |    |
| <i>Eucalyptus</i> | <i>pulchella</i>     | 2                |               |   |   |   | 1 | 2 |   |   |   |    |    |    |    |    |    |
| <i>Eucalyptus</i> | <i>rudis</i>         | 2                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Eucalyptus</i> | <i>sideroxylon</i>   | 2                |               |   |   |   | 2 |   |   |   |   |    |    |    |    |    |    |
| <i>Eucalyptus</i> | <i>spp.</i>          | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Eucalyptus</i> | <i>tereticornis</i>  | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Euonymus</i>   | <i>atropurpureus</i> | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Euonymus</i>   | <i>europaeus</i>     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    | +  |
| <i>Euonymus</i>   | <i>japonicus</i>     | 2                |               |   |   |   | 2 |   |   |   |   |    |    |    |    |    |    |
| <i>Euonymus</i>   | <i>occidentalis</i>  | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Exostema</i>   | <i>canbæum</i>       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Exothea</i>    | <i>paniculata</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Fagus</i>      | <i>grandifolia</i>   | 2                | 2             | 2 | 2 | 2 |   |   |   |   | 1 |    | 1  | 2  |    | +  | 2  |
| <i>Fagus</i>      | <i>sylvatica</i>     | 2                |               |   |   |   | 1 | 2 |   |   |   |    |    |    |    |    | +  |
| <i>Fatsia</i>     | <i>japonica</i>      | 3                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Ficus</i>      | <i>aurea</i>         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ficus</i>      | <i>benamina</i>      | 3                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Ficus</i>      | <i>carica</i>        | 2                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Ficus</i>      | <i>elastica</i>      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    | +  |
| <i>Ficus</i>      | <i>lyrata</i>        | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Firmiana</i>   | <i>simplex</i>       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Forestiera</i> | <i>acuminata</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Fraxinus</i>   | <i>americana</i>     | 3                |               |   | 3 | 4 |   |   |   |   |   | 4  | 3  |    |    | +  | 3  |
| <i>Fraxinus</i>   | <i>anomala</i>       | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Fraxinus</i>   | <i>caroliniana</i>   | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Fraxinus</i>   | <i>cuspidata</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Fraxinus</i>   | <i>excelsior</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    | +  |
| <i>Fraxinus</i>   | <i>greggii</i>       | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Fraxinus</i>   | <i>latifolia</i>     | 3                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Fraxinus</i>   | <i>nigra</i>         | 3                |               |   |   | 3 |   |   |   |   |   | 4  | 3  |    |    |    |    |
| <i>Fraxinus</i>   | <i>pennsylvanica</i> | 3                |               |   |   | 3 |   |   |   |   | 3 |    |    | 3  |    |    |    |
| <i>Fraxinus</i>   | <i>profunda</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Fraxinus</i>   | <i>quadrangulata</i> | 3                |               |   |   |   |   |   |   |   |   |    | 4  | 3  |    |    | +  |
| <i>Fraxinus</i>   | <i>spp.</i>          | 3                | 3             | 3 |   |   |   |   |   |   |   | 4  |    |    |    |    |    |
| <i>Fraxinus</i>   | <i>texensis</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Fraxinus</i>   | <i>velutina</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Garrya</i>     | <i>fremontii</i>     | 3                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Ginkgo</i>     | <i>biloba</i>        | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Gleditsia</i>  | <i>aquatica</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Gleditsia</i>  | <i>tracanthos</i>    | 3                |               |   |   |   |   | 2 |   |   |   | 4  | 2  |    |    |    | +  |
| <i>Gordonia</i>   | <i>lasianthus</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Grevillea</i>  | <i>noellii</i>       | 3                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Grevillea</i>  | <i>robusta</i>       | 3                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Guaiacum</i>   | <i>sanctum</i>       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Guettarda</i>  | <i>elliptica</i>     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Guettarda</i>  | <i>scabra</i>        | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Gyminda</i>    | <i>latifolia</i>     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Gymnanthes</i> | <i>lucida</i>        | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |

Continued

Table 2.—Continued

| Tree species         |                      | Combined ranking | Reference no. |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|----------------------|----------------------|------------------|---------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
|                      |                      |                  | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| <i>Gymnocladus</i>   | <i>dioicus</i>       | 3                |               |   |   |   |   |   |   |   |   | 4  | 3  |    | +  |    |    |
| <i>Hakea</i>         | spp.                 | 2                |               |   |   |   |   |   |   |   |   |    |    |    | +  |    |    |
| <i>Halesia</i>       | <i>carolina</i>      | 3                |               |   |   | 3 |   |   |   | 3 |   |    |    |    |    |    |    |
| <i>Hamamelis</i>     | <i>virginiana</i>    | 1                |               |   |   |   |   |   |   | 1 |   | 1  | 1  |    | +  |    |    |
| <i>Heteromeles</i>   | <i>arbutifolia</i>   | 2                |               |   |   | 2 | 3 |   |   |   |   |    |    |    | +  |    |    |
| <i>Hibiscus</i>      | <i>rosa-sinensis</i> | 2                |               |   |   | 2 | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Hibiscus</i>      | <i>tiliaceus</i>     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Hippomane</i>     | <i>mancinella</i>    | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ilex</i>          | <i>aquifolium</i>    | 3                |               |   |   | 3 |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ilex</i>          | <i>cassine</i>       | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ilex</i>          | <i>coriacea</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ilex</i>          | <i>decidua</i>       | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ilex</i>          | <i>glabra</i>        | 3                |               |   |   |   |   |   |   |   |   | 4  | 3  |    |    |    |    |
| <i>Ilex</i>          | <i>krugiana</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ilex</i>          | <i>montana</i>       | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ilex</i>          | <i>opaca</i>         | 3                |               |   |   |   |   |   |   |   |   | 4  | 3  | -  |    |    |    |
| <i>Ilex</i>          | <i>verticillata</i>  | 3                |               |   |   |   |   |   |   |   |   | 4  | 3  |    | +  |    |    |
| <i>Ilex</i>          | <i>vomitaria</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Jasminum</i>      | <i>nudiflorum</i>    | 3                |               |   |   | 3 |   |   |   |   |   |    |    |    |    |    |    |
| <i>Juglans</i>       | <i>californica</i>   | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Juglans</i>       | <i>cinerea</i>       | 2                |               |   | 2 | 4 |   |   |   |   |   | 4  | 3  | -  | +  |    |    |
| <i>Juglans</i>       | <i>hindsii</i>       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Juglans</i>       | <i>major</i>         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Juglans</i>       | <i>microcarpa</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Juglans</i>       | <i>nigra</i>         | 2                |               |   |   | 2 | 3 |   |   |   |   | 4  | 3  | -  |    |    |    |
| <i>Juniperus</i>     | <i>ashei</i>         | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Juniperus</i>     | <i>californica</i>   | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Juniperus</i>     | <i>coahuilensis</i>  | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Juniperus</i>     | <i>communis</i>      | 3                |               |   |   |   |   |   |   |   |   | 4  | 3  |    | +  |    |    |
| <i>Juniperus</i>     | <i>deppeana</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Juniperus</i>     | <i>erythrocarpa</i>  | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Juniperus</i>     | <i>flaccida</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Juniperus</i>     | <i>monosperma</i>    | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Juniperus</i>     | <i>occidentalis</i>  | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Juniperus</i>     | <i>osteosperma</i>   | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Juniperus</i>     | <i>pinchotii</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Juniperus</i>     | <i>scopulorum</i>    | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Juniperus</i>     | <i>virginiana</i>    | 3                | 3             |   |   |   |   |   |   |   |   | 4  | 3  |    | +  |    |    |
| <i>Krugiodendron</i> | <i>ferreum</i>       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Laguncularia</i>  | <i>racemosa</i>      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Larix</i>         | <i>decidua</i>       | 1                |               |   |   |   |   | 1 | 1 |   |   | 1  |    |    | +  |    |    |
| <i>Larix</i>         | <i>laricina</i>      | 1                | 1             |   |   |   |   |   |   |   |   | 1  | 1  |    |    |    |    |
| <i>Larix</i>         | <i>lyallii</i>       | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Larix</i>         | <i>occidentalis</i>  | 1                |               |   |   |   |   | 1 | 2 | 2 |   |    |    |    | +  |    |    |
| <i>Leitneria</i>     | <i>floridana</i>     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Lindera</i>       | <i>benzoin</i>       | 3                |               |   |   |   |   |   |   |   |   | 4  | 3  |    |    |    |    |
| <i>Liquidambar</i>   | <i>styraciflua</i>   | 1                |               |   |   | 1 | 2 |   |   |   |   |    | 2  | +  | +  | 1  |    |
| <i>Liriodendron</i>  | <i>tulipifera</i>    | 3                | 3             |   |   | 3 |   |   |   |   |   | 4  | 3  | -  | +  |    |    |
| <i>Lithocarpus</i>   | <i>densiflorus</i>   | 1                |               |   |   | 2 | 1 |   |   |   |   |    |    |    |    |    |    |
| <i>Lyonia</i>        | <i>ferruginea</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Lyonothamnus</i>  | <i>floribundus</i>   | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Lysiloma</i>      | <i>latisiliquum</i>  | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Maclura</i>       | <i>pomifera</i>      | 3                |               |   |   |   |   |   |   |   |   | 4  | 3  |    |    |    |    |
| <i>Magnolia</i>      | <i>acuminata</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Magnolia</i>      | <i>ashei</i>         | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Magnolia</i>      | <i>fraseri</i>       | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |

Continued

Table 2.—Continued

| Tree species           |                                      |   | Reference no. |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|------------------------|--------------------------------------|---|---------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
|                        |                                      |   | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| <i>Magnolia</i>        | <i>grandiflora</i>                   | 3 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Magnolia</i>        | <i>macrophylla</i>                   | 3 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Magnolia</i>        | <i>pyramidalata</i>                  | 3 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Magnolia</i>        | <i>soulangiana</i>                   | 3 |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Magnolia</i>        | <i>insipida</i>                      | 3 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Magnolia</i>        | <i>virginiana</i>                    | 3 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Manilkara</i>       | <i>bahamensis</i>                    | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Mastichodendron</i> | <i>foetidissimum</i>                 | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Melaleuca</i>       | <i>decussata</i>                     | 1 |               |   |   |   | 1 | 1 |   |   |   |    |    |    |    |    |    |
| <i>Melaleuca</i>       | <i>quinquenervia</i>                 | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Melia</i>           | <i>azedarach</i>                     | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Mespilus</i>        | <i>germanica</i>                     | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Metasequoia</i>     | <i>glyptostroboides</i>              | 2 |               |   |   |   |   |   | 2 | 3 |   |    |    |    |    |    |    |
| <i>Metopium</i>        | <i>toxicarium</i>                    | 1 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Morus</i>           | <i>alba</i>                          | 3 |               |   |   |   | 3 |   |   |   | 3 |    | 4  | 3  |    |    |    |
| <i>Morus</i>           | <i>alba</i> var. <i>tatanca</i>      | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    | +  |
| <i>Morus</i>           | <i>microphylla</i>                   | 3 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Morus</i>           | <i>nigra</i>                         | 3 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Morus</i>           | <i>rubra</i>                         | 3 |               |   |   |   |   |   |   |   |   |    | 4  | 3  |    |    | +  |
| <i>Myrica</i>          | <i>californica</i>                   | 2 |               |   |   |   | 1 | 3 |   |   |   |    |    |    |    |    |    |
| <i>Myrica</i>          | <i>cerifera</i>                      | 2 |               |   |   |   |   |   |   |   |   |    | 3  | 2  |    |    | +  |
| <i>Nyssa</i>           | <i>aquatica</i>                      | 3 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Nyssa</i>           | <i>biflora</i>                       | 3 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Nyssa</i>           | <i>oageche</i>                       | 3 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Nyssa</i>           | <i>sylvatica</i>                     | 3 |               | 2 | 3 |   |   |   |   |   |   |    | 3  | 2  |    |    |    |
| <i>Olea</i>            | <i>europaea</i>                      | 3 |               |   |   |   |   | 3 |   |   |   |    |    |    |    |    |    |
| <i>Olneya</i>          | <i>tesota</i>                        | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Osmanthus</i>       | <i>amercanus</i>                     | 3 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ostrya</i>          | <i>knowltonii</i>                    | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ostrya</i>          | <i>virginiana</i>                    | 1 |               | 1 |   | 1 | 1 |   |   |   |   |    | 3  | 2  |    |    | +  |
| <i>Oxydendrum</i>      | <i>arboreum</i>                      | 2 |               |   |   |   |   |   |   |   |   | 3  |    |    |    |    |    |
| <i>Parkinsonia</i>     | <i>aculeata</i>                      | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Paulownia</i>       | <i>tomentosa</i>                     | 3 |               |   |   |   |   | 3 |   |   |   |    |    |    |    |    |    |
| <i>Persea</i>          | <i>americana</i>                     | 2 |               |   |   |   |   | 2 | 2 |   |   |    |    |    |    |    |    |
| <i>Persea</i>          | <i>borbonica</i>                     | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Photinia</i>        | <i>glabra</i>                        | 1 |               |   |   |   | 1 | 1 |   |   |   | 2  |    |    |    |    |    |
| <i>Photinia</i>        | <i>serulata</i>                      | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Photinia</i>        | spp                                  | 3 |               |   |   |   |   |   |   |   |   | 3  |    |    |    |    |    |
| <i>Picea</i>           | <i>abies</i>                         | 2 |               |   |   |   |   |   |   |   |   |    | 2  | 2  |    | +  | +  |
| <i>Picea</i>           | <i>broweriana</i>                    | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Picea</i>           | <i>engelmannii</i>                   | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Picea</i>           | <i>glauca</i>                        | 2 |               |   |   |   |   |   |   |   |   |    | 2  | 2  |    | +  | +  |
| <i>Picea</i>           | <i>glauca</i> var. <i>albertiana</i> | 2 |               |   |   |   |   |   | 3 | 3 |   |    | 2  |    |    |    |    |
| <i>Picea</i>           | <i>mariana</i>                       | 2 |               |   |   |   |   |   |   |   |   |    | 2  | 2  |    |    |    |
| <i>Picea</i>           | <i>pungens</i>                       | 2 |               |   |   |   |   |   | 1 | 1 |   |    |    |    |    |    |    |
| <i>Picea</i>           | <i>rubens</i>                        | 2 |               |   |   |   |   |   |   |   |   |    | 2  | 2  |    |    |    |
| <i>Picea</i>           | <i>sitchensis</i>                    | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Picea</i>           | spp                                  | 2 |               | 2 |   |   |   |   |   |   |   |    |    |    |    |    | +  |
| <i>Picramnia</i>       | <i>peritandra</i>                    | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinckneya</i>       | <i>pubens</i>                        | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>           | <i>alticola</i>                      | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>           | <i>aristata</i>                      | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>           | <i>attenuata</i>                     | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>           | <i>balfouriana</i>                   | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>           | <i>banksiana</i>                     | 2 |               |   |   |   |   |   |   |   |   |    | 2  | 2  |    |    |    |
| <i>Pinus</i>           | <i>cembroides</i>                    | 2 |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |

Continued

Table 2.—Continued

| Tree species    |                                  | Combined ranking | Reference no. |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|-----------------|----------------------------------|------------------|---------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
|                 |                                  |                  | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| <i>Pinus</i>    | <i>clausa</i>                    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>contorta</i>                  | 2                |               |   |   |   |   |   | 2 | 1 |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>coulteri</i>                  | 2                |               |   |   |   |   |   |   |   |   |    |    |    | +  |    |    |
| <i>Pinus</i>    | <i>discolor</i>                  | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>echinata</i>                  | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>edulis</i>                    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>elliottii</i>                 | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>engelmannii</i>               | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>flexilis</i>                  | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>glabra</i>                    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>halepensis</i>                | 2                |               |   |   |   |   |   | 2 | 1 |   |    |    |    | +  |    |    |
| <i>Pinus</i>    | <i>jeffreyi</i>                  | 2                |               |   |   |   |   |   | 2 | 2 |   |    |    |    | +  |    |    |
| <i>Pinus</i>    | <i>lambertiana</i>               | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>longaeva</i>                  | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>monophylla</i>                | 2                |               |   |   |   |   |   | 2 | 3 |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>monticola</i>                 | 2                |               |   |   |   |   |   | 2 | 3 | 2 |    | 2  | 2  |    |    |    |
| <i>Pinus</i>    | <i>mugo</i>                      | 2                |               |   |   |   |   |   | 3 | 1 |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>muricata</i>                  | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>nigra</i>                     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>palustris</i>                 | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>pinea</i>                     | 2                |               |   |   |   |   |   | 3 | 2 |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>ponderosa</i>                 | 2                |               |   |   |   |   |   | 2 | 1 |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>pungens</i>                   | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>quadrifolia</i>               | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>radiata</i>                   | 2                |               |   |   |   |   |   | 2 | 3 |   |    |    |    | +  |    |    |
| <i>Pinus</i>    | <i>resinosa</i>                  | 2                |               |   |   |   |   |   |   |   |   | 2  | 2  |    |    |    |    |
| <i>Pinus</i>    | <i>rigida</i>                    | 2                | 2             | 3 |   |   |   |   |   |   |   | 2  | 2  |    |    | +  |    |
| <i>Pinus</i>    | <i>sabiniana</i>                 | 2                |               |   |   |   |   |   | 3 | 1 |   |    |    |    | +  |    |    |
| <i>Pinus</i>    | <i>serotina</i>                  | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>strobiformis</i>              | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>strobus</i>                   | 2                | 2             | 3 | 1 | 3 |   |   |   |   |   | 2  | 2  |    | +  | 3  |    |
| <i>Pinus</i>    | <i>sylvestris</i>                | 2                | 3             |   |   |   |   |   |   |   |   | 2  | 2  |    | +  |    |    |
| <i>Pinus</i>    | <i>taeda</i>                     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    | 3  |
| <i>Pinus</i>    | <i>thunbergiana</i>              | 3                |               |   |   |   |   |   | 3 |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>torreyana</i>                 | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>virginiana</i>                | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pinus</i>    | <i>washoensis</i>                | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Piscidia</i> | <i>piscipula</i>                 | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pistacia</i> | <i>texana</i>                    | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pistacia</i> | <i>vera</i>                      | 1                |               |   |   |   | 1 | 1 |   |   |   |    |    |    |    |    |    |
| <i>Planera</i>  | <i>aquatica</i>                  | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Platanus</i> | <i>occidentalis</i>              | 3                | 3             |   |   |   |   |   |   |   |   | 4  | 2  | -  | +  |    |    |
| <i>Platanus</i> | <i>orientalis</i>                | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Platanus</i> | <i>racemosa</i>                  | 3                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Platanus</i> | <i>wrightii</i>                  | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Populus</i>  | <i>alba</i>                      | 2                |               |   |   |   |   |   |   |   |   | 3  | 2  |    | +  |    |    |
| <i>Populus</i>  | <i>angustifolia</i>              | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Populus</i>  | <i>balsamifera</i>               | 1                |               |   |   |   |   |   |   |   |   | 3  | 1  | 2  |    | +  |    |
| <i>Populus</i>  | <i>deltoides</i>                 | 2                |               |   |   | 3 |   |   |   |   |   | 3  | 3  |    | +  |    | 1  |
| <i>Populus</i>  | <i>fremontii</i>                 | 2                |               |   |   |   | 1 | 3 |   |   | 2 |    |    |    |    |    |    |
| <i>Populus</i>  | <i>grandidentata</i>             | 1                |               | 1 | 1 | 1 |   |   |   |   | 1 |    | 1  | 1  |    | 1  |    |
| <i>Populus</i>  | <i>heterophylla</i>              | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Populus</i>  | <i>nigra</i> var. <i>italica</i> | 1                |               |   |   |   | 1 | 1 |   |   |   | 1  | 2  |    | +  |    |    |
| <i>Populus</i>  | <i>sargentii</i>                 | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Populus</i>  | <i>spp.</i>                      | 1                | 1             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Populus</i>  | <i>tremuloides</i>               | 1                |               | 1 |   | 2 | 1 | 3 |   |   |   |    |    | 1  |    | +  | 1  |

Continued

Table 2.—Continued

| Tree species         |                                        | Combined ranking | Reference no. |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|----------------------|----------------------------------------|------------------|---------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
|                      |                                        |                  | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| <i>Populus</i>       | <i>trichocarpa</i>                     | 1                |               |   |   |   | 1 | 3 |   |   |   |    |    |    |    |    |    |
| <i>Prosopis</i>      | <i>glandulosa</i>                      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prosopis</i>      | <i>pubescens</i>                       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>alleghaniensis</i>                  | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>americana</i>                       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>angustifolia</i>                    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>armeniaca</i>                       | 1                |               |   |   |   | 1 | 1 |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>avium</i>                           | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Prunus</i>        | <i>caroliniana</i>                     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>cerasifera</i> var. <i>pissardi</i> | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Prunus</i>        | <i>domestica</i>                       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Prunus</i>        | <i>emarginata</i>                      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>fremontii</i>                       | 2                |               |   |   |   |   |   |   |   |   |    |    |    | +  |    |    |
| <i>Prunus</i>        | <i>glandulosa</i>                      | 2                |               |   |   |   | 2 | 3 |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>hortulana</i>                       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>japonica</i>                        | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Prunus</i>        | <i>laurocerasus</i>                    | 2                |               |   |   |   | 1 | 3 |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>lyonii</i>                          | 2                |               |   |   |   | 2 |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>maritima</i>                        | 2                |               |   |   |   |   |   |   |   |   | 2  | 2  |    |    | +  |    |
| <i>Prunus</i>        | <i>mexicana</i>                        | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>munsoniana</i>                      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>myrtifolia</i>                      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>nigra</i>                           | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>padus</i>                           | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>pensylvanica</i>                    | 3                |               |   | 2 | 3 |   |   |   |   |   | 3  | 3  |    |    | +  |    |
| <i>Prunus</i>        | <i>persica</i>                         | 2                |               |   |   |   | 2 |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>pumila</i>                          | 2                |               |   |   |   |   |   |   |   |   | 2  |    |    |    |    |    |
| <i>Prunus</i>        | <i>serotina</i>                        | 2                | 2             | 2 | 3 | 2 |   |   |   | 1 |   | 3  | 2  | +  | +  |    |    |
| <i>Prunus</i>        | <i>spinosa</i>                         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | spp.                                   | 2                | 2             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>subcordata</i>                      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>umbellata</i>                       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Prunus</i>        | <i>virginiana</i>                      | 2                |               |   |   |   | 1 | 2 |   |   |   | 3  | 3  |    |    | +  |    |
| <i>Pseudophoenix</i> | <i>sargentii</i>                       | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pseudotsuga</i>   | <i>macrocarpa</i>                      | 2                |               |   |   |   |   | 2 | 2 |   |   |    |    |    |    |    |    |
| <i>Pseudotsuga</i>   | <i>menziesii</i>                       | 2                |               |   |   |   |   | 2 | 1 | 2 | 2 |    |    |    | +  |    |    |
| <i>Psidium</i>       | <i>guajava</i>                         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ptelea</i>        | <i>trifoliata</i>                      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Punica</i>        | <i>granatum</i>                        | 2                |               |   |   |   | 1 | 3 |   |   |   |    |    |    |    | +  |    |
| <i>Pyracantha</i>    | <i>coccinea</i>                        | 2                |               |   |   |   | 1 | 3 |   | 1 |   |    |    |    | +  |    |    |
| <i>Pyrus</i>         | spp.                                   | 1                | 1             |   |   |   |   |   |   |   |   | 1  |    |    | +  |    |    |
| <i>Pyrus</i>         | <i>angustifolia</i>                    | 1                |               |   |   |   |   |   |   |   |   | 1  |    |    |    | +  |    |
| <i>Pyrus</i>         | <i>communis</i>                        | 2                |               |   |   |   | 1 | 3 |   |   |   |    |    | 2  |    | +  |    |
| <i>Pyrus</i>         | <i>coronaria</i>                       | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pyrus</i>         | <i>fusca</i>                           | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pyrus</i>         | <i>loensis</i>                         | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Pyrus</i>         | <i>malus</i>                           | 1                |               |   |   |   | 1 | 2 |   |   |   |    |    |    |    | +  |    |
| <i>Quercus</i>       | <i>agrifolia</i>                       | 1                |               |   |   |   | 1 | 1 |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>       | <i>alba</i>                            | 1                | 1             | 1 |   |   |   |   |   |   |   | 1  | 1  | +  | +  | 1  |    |
| <i>Quercus</i>       | <i>arizonica</i>                       | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>       | <i>austrina</i>                        | 1                | 1             | 1 |   |   |   |   |   |   |   | 1  | 1  | +  | +  | 1  |    |
| <i>Quercus</i>       | <i>bicolor</i>                         | 1                | 1             |   |   |   |   |   |   |   |   | 1  | 1  | +  | +  |    |    |
| <i>Quercus</i>       | <i>chapmanii</i>                       | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>       | <i>chrysolepis</i>                     | 1                |               |   |   |   | 1 | 1 |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>       | <i>cinerea</i>                         | 1                |               |   |   |   | 1 | 1 |   |   |   |    |    |    |    |    |    |

Continued

Table 2.—Continued

| Tree species      |                        | Combined ranking | Reference no. |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|-------------------|------------------------|------------------|---------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
|                   |                        |                  | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| <i>Quercus</i>    | <i>coccinea</i>        | 1                | 1             | 1 |   |   |   |   |   |   |   | 1  | 1  | +  | +  |    |    |
| <i>Quercus</i>    | <i>douglasii</i>       | 1                |               |   |   |   | 1 | 3 |   |   |   |    |    | +  |    |    |    |
| <i>Quercus</i>    | <i>dunnii</i>          | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>durandii</i>        | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>ellipsoidalis</i>   | 1                |               |   |   |   |   |   |   |   |   |    |    |    | +  |    | 1  |
| <i>Quercus</i>    | <i>emoryi</i>          | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>engelmannii</i>     | 1                |               |   |   |   | 1 | 1 |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>falcata</i>         | 1                |               |   |   |   |   |   |   |   |   |    |    |    | +  |    | 1  |
| <i>Quercus</i>    | <i>gambelii</i>        | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>garryana</i>        | 1                |               |   |   |   | 1 | 1 |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>grisea</i>          | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>hemisphaerica</i>   | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>hypoleucoides</i>   | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>ilicifolia</i>      | 1                |               |   |   |   |   |   |   |   |   | 1  | 1  | +  | +  |    |    |
| <i>Quercus</i>    | <i>imbricaria</i>      | 1                |               |   |   |   |   |   |   |   |   | 1  | 1  | +  |    |    |    |
| <i>Quercus</i>    | <i>incana</i>          | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>kelloggii</i>       | 1                |               |   |   |   | 1 | 2 |   |   |   |    |    |    | +  |    |    |
| <i>Quercus</i>    | <i>laevis</i>          | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>laurifolia</i>      | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>lobata</i>          | 1                |               |   |   |   | 1 | 1 |   |   |   |    |    |    | +  |    |    |
| <i>Quercus</i>    | <i>lyrata</i>          | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>macrocarpa</i>      | 1                |               |   |   |   |   |   |   |   |   | 1  | 1  | +  |    |    |    |
| <i>Quercus</i>    | <i>margaretta</i>      | 1                |               |   |   |   |   |   |   |   |   | 1  | 1  | +  |    |    |    |
| <i>Quercus</i>    | <i>marilandica</i>     | 1                |               |   |   |   |   |   |   |   |   |    |    |    | +  |    |    |
| <i>Quercus</i>    | <i>michauxii</i>       | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>muehlenbergii</i>   | 1                |               |   |   |   |   |   |   |   |   |    |    |    | +  |    |    |
| <i>Quercus</i>    | <i>myrtifolia</i>      | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>nigra</i>           | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  | 1  |
| <i>Quercus</i>    | <i>nuttallii</i>       | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>oblongifolia</i>    | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>oglethorpensis</i>  | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>pagoda</i>          | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>palustris</i>       | 1                |               |   |   |   |   |   |   |   |   | 1  | 1  | +  | +  |    |    |
| <i>Quercus</i>    | <i>phellos</i>         | 1                |               |   |   |   |   |   |   |   |   |    |    |    | +  |    | 2  |
| <i>Quercus</i>    | <i>prinoides</i>       | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>prinus</i>          | 1                | 1             | 1 |   |   |   |   |   |   |   | 1  | 1  | +  |    |    | 1  |
| <i>Quercus</i>    | <i>rubra</i>           | 1                | 1             | 1 | 1 | 1 | 1 | 2 |   |   | 1 | 1  |    | 1  | +  | +  | 1  |
| <i>Quercus</i>    | <i>shumardii</i>       | 1                |               |   |   |   |   |   |   |   | 1 |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>spp.</i>            | 1                |               |   |   |   |   |   |   |   |   |    |    |    | +  |    |    |
| <i>Quercus</i>    | <i>stellata</i>        | 1                |               |   |   |   |   |   |   |   |   | 1  | 1  | +  |    |    | 1  |
| <i>Quercus</i>    | <i>suber</i>           | 1                |               |   |   |   | 1 | 1 |   |   |   |    |    |    | +  |    |    |
| <i>Quercus</i>    | <i>velutina</i>        | 1                | 1             | 1 |   |   |   |   |   | 1 |   | 1  | 1  | +  | +  | 2  |    |
| <i>Quercus</i>    | <i>virginiana</i>      | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Quercus</i>    | <i>wislizenii</i>      | 1                |               |   |   |   | 2 | 2 |   |   |   |    |    |    |    |    |    |
| <i>Rapanea</i>    | <i>guianensis</i>      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Reynosia</i>   | <i>septentrionalis</i> | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Rhamnus</i>    | <i>californica</i>     | 3                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Rhamnus</i>    | <i>caroliniana</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Rhamnus</i>    | <i>cathartica</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Rhamnus</i>    | <i>frangula</i>        | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Rhamnus</i>    | <i>purshiana</i>       | 2                |               |   |   |   | 1 | 3 |   |   |   |    |    |    |    |    |    |
| <i>Rhizophora</i> | <i>mangle</i>          | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Rhus</i>       | <i>copallina</i>       | 1                |               |   |   |   |   |   |   |   |   | 1  | 1  |    |    |    |    |
| <i>Rhus</i>       | <i>glabra</i>          | 1                |               |   |   |   |   |   |   | 1 |   | 1  | 1  |    | +  |    |    |
| <i>Rhus</i>       | <i>integrifolia</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    | +  |    |    |
| <i>Rhus</i>       | <i>typhina</i>         | 1                |               |   |   |   | 1 | 1 |   |   |   | 1  | 2  |    | +  |    |    |

Continued

Table 2.—Continued

| Tree species          |                                 | Combined ranking | Reference no. |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|-----------------------|---------------------------------|------------------|---------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
|                       |                                 |                  | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| <i>Robinia</i>        | <i>neomexicana</i>              | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Robinia</i>        | <i>pseudoacacia</i>             | 3                |               | 3 |   |   | 2 | 1 |   |   | 2 |    | 4  | 2  | -  | +  |    |
| <i>Robinia</i>        | spp.                            | 2                | 2             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Robinia</i>        | <i>viscosa</i>                  | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Rosa</i>           | <i>bracteata</i>                | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Rosa</i>           | <i>eglanteria</i>               | 2                |               |   |   |   | 1 | 3 |   |   |   |    | 4  | 3  |    |    |    |
| <i>Rosa</i>           | <i>setigera</i>                 | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Rosa</i>           | spp.                            | 1                |               |   |   |   | 1 | 3 |   |   |   |    |    |    |    |    |    |
| <i>Roystonea</i>      | <i>elata</i>                    | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Sabal</i>          | <i>palmetto</i>                 | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Salix</i>          | <i>alaxensis</i>                | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Salix</i>          | <i>alba</i>                     | 1                |               |   |   |   |   |   |   |   |   |    | 1  | 1  |    | +  |    |
| <i>Salix</i>          | <i>alba</i> var. <i>tristis</i> | 1                |               |   |   |   | 1 | 1 |   |   |   |    |    |    |    |    |    |
| <i>Salix</i>          | <i>amygdaloides</i>             | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Salix</i>          | <i>babylonica</i>               | 1                |               |   |   |   | 1 | 1 |   |   |   |    |    |    | +  | +  |    |
| <i>Salix</i>          | <i>bebbiana</i>                 | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Salix</i>          | <i>bonplandiana</i>             | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Salix</i>          | <i>caroliniana</i>              | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Salix</i>          | <i>cordata</i>                  | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Salix</i>          | <i>discolor</i>                 | 1                |               |   |   |   | 1 | 1 |   |   |   |    | 1  | 1  |    |    |    |
| <i>Salix</i>          | <i>eriocephala</i>              | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Salix</i>          | <i>exigua</i>                   | 1                |               |   |   |   |   |   |   |   |   |    | 1  |    |    |    |    |
| <i>Salix</i>          | <i>fragilis</i>                 | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Salix</i>          | <i>hookerana</i>                | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Salix</i>          | <i>laevigata</i>                | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Salix</i>          | <i>lasiandra</i>                | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Salix</i>          | <i>lasiolepis</i>               | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Salix</i>          | <i>lucida</i>                   | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    | 1  |
| <i>Salix</i>          | <i>mackenzieana</i>             | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Salix</i>          | <i>nigra</i>                    | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Salix</i>          | <i>pentandra</i>                | 2                |               |   |   |   |   |   |   |   |   |    | 4  | 3  |    |    |    |
| <i>Salix</i>          | <i>scouleriana</i>              | 1                |               |   |   |   | 1 | 2 |   |   |   |    |    |    |    |    |    |
| <i>Salix</i>          | spp.                            | 1                |               | 1 |   | 1 |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Salix</i>          | <i>taxifolia</i>                | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Salix</i>          | <i>viminialis</i>               | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Sambucus</i>       | <i>callicarpa</i>               | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Sambucus</i>       | <i>canadensis</i>               | 3                |               |   |   |   |   |   |   |   |   |    | 4  | 3  |    | +  |    |
| <i>Sapindus</i>       | <i>drummondii</i>               | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Sapindus</i>       | <i>marginatus</i>               | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Sapindus</i>       | <i>saponaria</i>                | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Sapium</i>         | <i>sebiferum</i>                | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Sassafras</i>      | <i>albidum</i>                  | 2                |               | 1 | 2 |   |   |   |   |   | 1 |    | 3  | 3  | +  | +  |    |
| <i>Schinus</i>        | <i>molle</i>                    | 1                |               |   |   |   | 1 | 1 |   |   |   |    |    |    |    |    |    |
| <i>Sequoia</i>        | <i>sempervirens</i>             | 2                |               |   |   |   |   |   | 2 | 1 |   |    |    |    |    |    |    |
| <i>Sequoiadendron</i> | <i>giganteum</i>                | 2                |               |   |   |   |   |   | 2 | 2 |   |    |    |    |    |    |    |
| <i>Simarouba</i>      | <i>glauca</i>                   | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Sophora</i>        | <i>affinis</i>                  | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Sophora</i>        | <i>japonica</i>                 | 3                |               |   |   |   |   |   |   |   | 3 |    |    |    |    |    |    |
| <i>Sophora</i>        | <i>secundiflora</i>             | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Sorbus</i>         | <i>americana</i>                | 1                |               |   |   |   |   |   |   |   |   |    | 1  | 1  |    | +  |    |
| <i>Sorbus</i>         | <i>aucuparia</i>                | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Spirea</i>         | <i>bumalda</i>                  | 3                |               |   |   |   |   |   |   |   | 3 |    |    |    |    |    |    |
| <i>Stewartia</i>      | <i>koreana</i>                  | 3                |               |   |   |   |   |   |   |   | 3 |    |    |    |    |    |    |
| <i>Stewartia</i>      | <i>ovata</i>                    | 2                |               |   |   |   | 1 | 3 |   |   |   |    |    |    |    |    |    |
| <i>Swietenia</i>      | <i>mahoganii</i>                | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Symphoricarpos</i> | <i>albus</i>                    | 3                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |

Continued

Table 2.—Continued

| Tree species         |                       | Combined ranking | Reference no. |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|----------------------|-----------------------|------------------|---------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
|                      |                       |                  | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| <i>Symplocos</i>     | <i>tincoria</i>       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Tamarix</i>       | <i>parviflora</i>     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Taxodium</i>      | <i>distichum</i>      | 3                |               |   |   |   |   |   |   |   | 3 |    | 4  | 3  |    |    |    |
| <i>Taxodium</i>      | <i>mucronatum</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Taxus</i>         | <i>brevifolia</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Taxus</i>         | <i>floridana</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Thrinax</i>       | <i>microcarpa</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Thrinax</i>       | <i>parviflora</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Thuja</i>         | <i>occidentalis</i>   | 3                |               |   |   |   |   |   |   |   |   | 3  | 4  | 3  |    | +  |    |
| <i>Thuja</i>         | <i>orientalis</i>     | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Thuja</i>         | <i>plicata</i>        | 3                |               |   |   |   |   |   |   |   |   |    |    |    | +  |    |    |
| <i>Tilia</i>         | <i>americana</i>      | 1                |               | 1 | 2 | 2 | 2 | 1 | 3 |   |   |    | 1  | 1  | +  | +  |    |
| <i>Tilia</i>         | <i>caroliniana</i>    | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Tilia</i>         | <i>cordata</i>        | 1                |               |   |   |   | 1 | 3 |   |   |   |    |    |    |    |    |    |
| <i>Tilia</i>         | <i>europaea</i>       | 1                |               |   |   |   |   |   |   |   |   |    | 1  | 2  |    | +  |    |
| <i>Tilia</i>         | <i>floridana</i>      | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Tilia</i>         | <i>heterophylla</i>   | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Torreya</i>       | <i>californica</i>    | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Torreya</i>       | <i>taxifolia</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Toxicodendron</i> | <i>vermex</i>         | 1                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Trema</i>         | <i>micrantha</i>      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Tsuga</i>         | <i>canadensis</i>     | 2                |               | 2 | 3 |   |   |   |   |   |   |    | 2  | 2  | +  | +  | 3  |
| <i>Tsuga</i>         | <i>caroliniana</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Tsuga</i>         | <i>heterophylla</i>   | 2                |               |   |   |   |   |   | 2 | 1 |   | 3  |    |    | +  |    |    |
| <i>Tsuga</i>         | <i>mertensiana</i>    | 2                |               |   |   |   |   |   | 3 | 3 |   |    |    |    |    |    |    |
| <i>Ulmus</i>         | <i>alata</i>          | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ulmus</i>         | <i>americana</i>      | 2                |               |   |   | 2 | 1 | 2 |   |   |   |    | 3  | 2  | +  | +  |    |
| <i>Ulmus</i>         | <i>crassifolia</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ulmus</i>         | <i>glabra</i>         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Ulmus</i>         | <i>parvifolia</i>     | 1                |               |   |   |   | 1 | 1 |   |   | 2 |    |    |    |    |    |    |
| <i>Ulmus</i>         | <i>procera</i>        | 2                |               |   |   |   |   |   |   |   |   |    | 3  | 2  |    | +  |    |
| <i>Ulmus</i>         | <i>pumila</i>         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ulmus</i>         | <i>rubra</i>          | 3                |               |   |   | 3 | 3 |   |   |   |   |    | 3  | 3  |    | +  |    |
| <i>Ulmus</i>         | <i>serotina</i>       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ulmus</i>         | <i>spp.</i>           | 2                |               | 2 | 2 |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ulmus</i>         | <i>thomasii</i>       | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Umbellularia</i>  | <i>californica</i>    | 3                |               |   |   |   | 3 |   |   |   |   |    |    |    |    |    |    |
| <i>Vauquelinia</i>   | <i>californica</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Viburnum</i>      | <i>acerifolium</i>    | 3                |               |   |   |   |   |   |   |   |   |    | 4  | 3  |    | +  |    |
| <i>Viburnum</i>      | <i>ellipticum</i>     | 2                |               |   |   |   | 2 | 2 |   |   |   |    |    |    |    |    |    |
| <i>Viburnum</i>      | <i>lantana</i>        | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    | +  |
| <i>Viburnum</i>      | <i>lentago</i>        | 3                |               |   |   |   |   |   |   |   |   |    | 4  | 2  |    | +  |    |
| <i>Viburnum</i>      | <i>opulus</i>         | 3                |               |   |   |   |   |   |   |   |   |    | 4  | 3  |    | +  |    |
| <i>Viburnum</i>      | <i>prunifolium</i>    | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Viburnum</i>      | <i>pubescens</i>      | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    | +  |    |
| <i>Viburnum</i>      | <i>rhytidophyllum</i> | 2                |               |   |   |   | 2 | 3 |   |   |   |    |    |    |    |    |    |
| <i>Viburnum</i>      | <i>spp.</i>           | 3                |               |   |   |   |   |   |   |   |   | 4  |    |    |    |    |    |
| <i>Viburnum</i>      | <i>tomentosum</i>     | 3                |               |   |   |   |   |   |   |   | 3 |    |    |    |    | +  |    |
| <i>Washingtonia</i>  | <i>filifera</i>       | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Ximenia</i>       | <i>americana</i>      | 3                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Zanthoxylum</i>   | <i>americanum</i>     | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Zanthoxylum</i>   | <i>clava-herculis</i> | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Zanthoxylum</i>   | <i>fagara</i>         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| <i>Zanthoxylum</i>   | <i>flavum</i>         | 2                |               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |

Table 3.—Index of common names of tree species

| Common name             | Scientific name    |                                          |
|-------------------------|--------------------|------------------------------------------|
| abelia, glossy          | <i>Abelia</i>      | <i>chinensis</i> var. <i>grandiflora</i> |
| acacia                  | <i>Acacia</i>      | spp.                                     |
| acacia, Bailey          | <i>Acacia</i>      | <i>baileyana</i>                         |
| acacia, catclaw         | <i>Acacia</i>      | <i>greggii</i>                           |
| acacia, koa             | <i>Acacia</i>      | <i>koa</i>                               |
| acacia, sweet           | <i>Acacia</i>      | <i>farnesiana</i>                        |
| acacia, twisted         | <i>Acacia</i>      | <i>tortuosa</i>                          |
| acacia, Wright          | <i>Acacia</i>      | <i>wrightii</i>                          |
| ailanthus               | <i>Ailanthus</i>   | <i>altissima</i>                         |
| alder, Arizona          | <i>Alnus</i>       | <i>oblongifolia</i>                      |
| alder, hazel            | <i>Alnus</i>       | <i>serrulata</i>                         |
| alder, mountain         | <i>Alnus</i>       | <i>tenuifolia</i>                        |
| alder, red              | <i>Alnus</i>       | <i>rubra</i>                             |
| alder, seaside          | <i>Alnus</i>       | <i>maritima</i>                          |
| alder, Sitka            | <i>Alnus</i>       | <i>sinuata</i>                           |
| alder, smooth           | <i>Alnus</i>       | <i>serrulata</i>                         |
| alder, speckled         | <i>Alnus</i>       | <i>rugosa</i>                            |
| alder, thinleaf         | <i>Alnus</i>       | <i>tenuifolia</i>                        |
| alder, white            | <i>Alnus</i>       | <i>rhombifolia</i>                       |
| allspice, Carolina      | <i>Calycanthus</i> | <i>floridus</i>                          |
| allspice, hairy         | <i>Calycanthus</i> | <i>floridus</i>                          |
| almond, dwarf flowering | <i>Prunus</i>      | <i>glandulosa</i>                        |
| apple, common           | <i>Pyrus</i>       | <i>malus</i>                             |
| apple, crab             | <i>Pyrus</i>       | spp.                                     |
| apple, Oregon crab      | <i>Pyrus</i>       | <i>fusca</i>                             |
| apple, prairie crab     | <i>Pyrus</i>       | <i>ioensis</i>                           |
| apple, southern crab    | <i>Pyrus</i>       | <i>angustifolia</i>                      |
| apple, sweet crab       | <i>Pyrus</i>       | <i>coronaria</i>                         |
| apricot, desert         | <i>Prunus</i>      | <i>fremontii</i>                         |
| apricot                 | <i>Prunus</i>      | <i>ameniaca</i>                          |
| aralia, Japanese        | <i>Fatsia</i>      | <i>japonica</i>                          |
| arbor vitae, Chinese    | <i>Thuja</i>       | <i>orientalis</i>                        |
| arbor vitae, oriental   | <i>Thuja</i>       | <i>orientalis</i>                        |
| ardisia                 | <i>Ardisia</i>     | <i>japonica</i>                          |
| arrowwood, downy        | <i>Viburnum</i>    | <i>pubescens</i>                         |
| arrowwood, maple leaved | <i>Viburnum</i>    | <i>acerifolium</i>                       |
| ash                     | <i>Fraxinus</i>    | spp.                                     |
| ash, black              | <i>Fraxinus</i>    | <i>nigra</i>                             |
| ash, blue               | <i>Fraxinus</i>    | <i>quadrangulata</i>                     |
| ash, Carolina           | <i>Fraxinus</i>    | <i>caroliniana</i>                       |
| ash, European           | <i>Fraxinus</i>    | <i>excelsior</i>                         |
| ash, fragrant           | <i>Fraxinus</i>    | <i>cuspidata</i>                         |
| ash, green              | <i>Fraxinus</i>    | <i>pennsylvanica</i>                     |
| ash, Gregg              | <i>Fraxinus</i>    | <i>greggii</i>                           |
| ash, Oregon             | <i>Fraxinus</i>    | <i>latifolia</i>                         |
| ash, pumpkin            | <i>Fraxinus</i>    | <i>profunda</i>                          |
| ash, singleleaf         | <i>Fraxinus</i>    | <i>anomala</i>                           |
| ash, Texas              | <i>Fraxinus</i>    | <i>texensis</i>                          |
| ash, velvet             | <i>Fraxinus</i>    | <i>velutina</i>                          |
| ash, white              | <i>Fraxinus</i>    | <i>americana</i>                         |
| aspen, bigtooth         | <i>Populus</i>     | <i>grandidentata</i>                     |
| aspen, quaking          | <i>Populus</i>     | <i>tremuloides</i>                       |
| avocado                 | <i>Persea</i>      | <i>americana</i>                         |
| Bahama strongback       | <i>Bourreria</i>   | <i>ovata</i>                             |
| baldcypress             | <i>Taxodium</i>    | <i>distichum</i>                         |
| basswood, American      | <i>Tilia</i>       | <i>americana</i>                         |
| basswood, Carolina      | <i>Tilia</i>       | <i>caroliniana</i>                       |
| basswood, Florida       | <i>Tilia</i>       | <i>floridana</i>                         |
| basswood, white         | <i>Tilia</i>       | <i>heterophylla</i>                      |
| bayberry                | <i>Myrica</i>      | <i>cerifera</i>                          |
| bayberry, Pacific       | <i>Myrica</i>      | <i>californica</i>                       |
| bayberry, southern      | <i>Myrica</i>      | <i>cerifera</i>                          |
| beech, American         | <i>Fagus</i>       | <i>grandifolia</i>                       |
| beech, European         | <i>Fagus</i>       | <i>sylvatica</i>                         |
| birch, black            | <i>Betula</i>      | <i>lenta</i>                             |
| birch, bog              | <i>Betula</i>      | <i>pumila</i>                            |
| birch, cut leaf weeping | <i>Betula</i>      | <i>pendula</i>                           |

Continued

Table 3.—Continued

| Common name              | Scientific name      |                       |
|--------------------------|----------------------|-----------------------|
| birch, cut leaved        | <i>Betula</i>        | <i>alba</i>           |
| birch, European white    | <i>Betula</i>        | <i>verrucosa</i>      |
| birch, gray              | <i>Betula</i>        | <i>populifolia</i>    |
| birch, paper             | <i>Betula</i>        | <i>papyrifera</i>     |
| birch, red               | <i>Betula</i>        | <i>nigra</i>          |
| birch, river             | <i>Betula</i>        | <i>nigra</i>          |
| birch, sweet             | <i>Betula</i>        | <i>lenta</i>          |
| birch, water             | <i>Betula</i>        | <i>occidentalis</i>   |
| birch, yellow            | <i>Betula</i>        | <i>alleghaniensis</i> |
| bitterbush               | <i>Picramnia</i>     | <i>pentandra</i>      |
| black calabash           | <i>Amphitecna</i>    | <i>latifolia</i>      |
| black haw                | <i>Viburnum</i>      | <i>prunifolium</i>    |
| black mangrove           | <i>Avicennia</i>     | <i>germinans</i>      |
| blue Chinese fir         | <i>Cunninghamia</i>  | <i>lanceolata</i>     |
| blueblossom              | <i>Ceanothus</i>     | <i>thyrsiflorus</i>   |
| boxelder                 | <i>Acer</i>          | <i>negundo</i>        |
| buckeye, California      | <i>Aesculus</i>      | <i>californica</i>    |
| buckeye, Ohio            | <i>Aesculus</i>      | <i>glabra</i>         |
| buckeye, painted         | <i>Aesculus</i>      | <i>sylvatica</i>      |
| buckeye, red             | <i>Aesculus</i>      | <i>pavia</i>          |
| buckeye, yellow          | <i>Aesculus</i>      | <i>octandra</i>       |
| buckthorn, California    | <i>Rhamnus</i>       | <i>californica</i>    |
| buckthorn, Carolina      | <i>Rhamnus</i>       | <i>caroliniana</i>    |
| buckthorn, cascara       | <i>Rhamnus</i>       | <i>purshiana</i>      |
| buckthorn, European      | <i>Rhamnus</i>       | <i>cathartica</i>     |
| buckthorn, glossy        | <i>Rhamnus</i>       | <i>frangula</i>       |
| buckwheat tree           | <i>Cliftonia</i>     | <i>monophylla</i>     |
| burningbush, eastern     | <i>Euonymus</i>      | <i>atropurpureus</i>  |
| burningbush, western     | <i>Euonymus</i>      | <i>occidentalis</i>   |
| butternut                | <i>Juglans</i>       | <i>cinerea</i>        |
| buttonbush               | <i>Cephalanthus</i>  | <i>occidentalis</i>   |
| cajeput tree             | <i>Melaleuca</i>     | <i>quinquenervia</i>  |
| camphor tree             | <i>Cinnamomum</i>    | <i>camphora</i>       |
| canella                  | <i>Canella</i>       | <i>winterana</i>      |
| canotia                  | <i>Canotia</i>       | <i>holacantha</i>     |
| catalpa                  | <i>Catalpa</i>       | spp.                  |
| catalpa, hardy           | <i>Catalpa</i>       | <i>speciosa</i>       |
| catalpa, northern        | <i>Catalpa</i>       | <i>speciosa</i>       |
| catalpa, southern        | <i>Catalpa</i>       | <i>bignonioides</i>   |
| catclaw, Gregg           | <i>Acacia</i>        | <i>greggii</i>        |
| catclaw, Wright          | <i>Acacia</i>        | <i>wrightii</i>       |
| ceanothus                | <i>Ceanothus</i>     | <i>maritimus</i>      |
| ceanothus                | <i>Ceanothus</i>     | spp.                  |
| ceanothus, feltleaf      | <i>Ceanothus</i>     | <i>arboreus</i>       |
| ceanothus, greenbark     | <i>Ceanothus</i>     | <i>spinosus</i>       |
| ceanothus, spiny         | <i>Ceanothus</i>     | <i>spinosus</i>       |
| Cedar of Lebanon         | <i>Cedrus</i>        | <i>libani</i>         |
| cedar, Alaska            | <i>Chamaecyparis</i> | <i>nootkatensis</i>   |
| cedar, Atlantic white    | <i>Chamaecyparis</i> | <i>thyoides</i>       |
| cedar, Atlas             | <i>Cedrus</i>        | <i>atlantica</i>      |
| cedar, deodar            | <i>Cedrus</i>        | <i>deodara</i>        |
| cedar, Port Orford       | <i>Chamaecyparis</i> | <i>lawsoniana</i>     |
| cercocarpus, alderleaf   | <i>Cercocarpus</i>   | <i>montanus</i>       |
| cercocarpus, birchleaf   | <i>Cercocarpus</i>   | <i>betuloides</i>     |
| cercocarpus, curlleaf    | <i>Cercocarpus</i>   | <i>ledifolius</i>     |
| cercocarpus, hairy       | <i>Cercocarpus</i>   | <i>breviflorus</i>    |
| cercocarpus, little leaf | <i>Cercocarpus</i>   | <i>intricatus</i>     |
| cherry                   | <i>Prunus</i>        | spp.                  |
| cherry laurel, common    | <i>Prunus</i>        | <i>laurocerasus</i>   |
| cherry, bitter           | <i>Prunus</i>        | <i>emarginata</i>     |
| cherry, black            | <i>Prunus</i>        | <i>serotina</i>       |
| cherry, Catalina         | <i>Prunus</i>        | <i>lyonii</i>         |
| cherry, European bird    | <i>Prunus</i>        | <i>padus</i>          |
| cherry, pin              | <i>Prunus</i>        | <i>pensylvanica</i>   |
| cherry, sand             | <i>Prunus</i>        | <i>pumila</i>         |
| cherry, sweet            | <i>Prunus</i>        | <i>avium</i>          |
| cherry, West Indies      | <i>Prunus</i>        | <i>myrtifolia</i>     |

Continued

Table 3.—Continued

| Common name             | Scientific name        |                      |
|-------------------------|------------------------|----------------------|
| chestnut, American      | <i>Castanea</i>        | <i>dentata</i>       |
| China berry             | <i>Melia</i>           | <i>azedarach</i>     |
| chinkapin, Allegheny    | <i>Castanea</i>        | <i>pumila</i>        |
| chinkapin, giant        | <i>Castanopsis</i>     | <i>chrysophylla</i>  |
| chinkapin, Ozark        | <i>Castanea</i>        | <i>ozarkensis</i>    |
| chittamwood             | <i>Bumelia</i>         | <i>lanuginosa</i>    |
| chokecherry             | <i>Prunus</i>          | <i>virginiana</i>    |
| Christmasberry          | <i>Heteromeles</i>     | <i>arbutifolia</i>   |
| cliffrose               | <i>Cowania</i>         | <i>mexicana</i>      |
| coast beefwood          | <i>Casuarina</i>       | <i>stricta</i>       |
| coconut palm            | <i>Cocos</i>           | <i>nucifera</i>      |
| cocoplum                | <i>Chrysobalanus</i>   | <i>icaco</i>         |
| coffeetree, Kentucky    | <i>Gymnocladus</i>     | <i>dioicus</i>       |
| coralbean, eastern      | <i>Erythrina</i>       | <i>herbacea</i>      |
| coralbean, southeastern | <i>Erythrina</i>       | <i>herbacea</i>      |
| corkwood                | <i>Leitneria</i>       | <i>floridana</i>     |
| cottonwood, black       | <i>Populus</i>         | <i>trichocarpa</i>   |
| cottonwood, eastern     | <i>Populus</i>         | <i>deltoides</i>     |
| cottonwood, Fremont     | <i>Populus</i>         | <i>fremontii</i>     |
| cottonwood, narrowleaf  | <i>Populus</i>         | <i>angustifolia</i>  |
| cottonwood, plains      | <i>Populus</i>         | <i>sargentii</i>     |
| cottonwood, swamp       | <i>Populus</i>         | <i>heterophylla</i>  |
| crabapple               | <i>Pyrus</i>           | spp.                 |
| cranberry bush          | <i>Viburnum</i>        | <i>opulus</i>        |
| cucumbertree            | <i>Magnolia</i>        | <i>acuminata</i>     |
| cypress pine, white     | <i>Callitris</i>       | <i>glaucophylla</i>  |
| cypress, Arizona        | <i>Cupressus</i>       | <i>arizonica</i>     |
| cypress, Baker          | <i>Cupressus</i>       | <i>bakeri</i>        |
| cypress, Gowen          | <i>Cupressus</i>       | <i>goveniana</i>     |
| cypress, Guadalupe      | <i>Cupressus</i>       | <i>guadalupensis</i> |
| cypress, Leyland        | <i>Cupressocyparis</i> | <i>leylandii</i>     |
| cypress, MacNab         | <i>Cupressus</i>       | <i>macnabiana</i>    |
| cypress, Monterey       | <i>Cupressus</i>       | <i>macrocarpa</i>    |
| cypress, Sargent        | <i>Cupressus</i>       | <i>sargentii</i>     |
| cypress, Tecate         | <i>Cupressus</i>       | <i>guadalupensis</i> |
| cynilla, swamp          | <i>Cynilla</i>         | <i>racemiflora</i>   |
| dahoon                  | <i>Ilex</i>            | <i>cassine</i>       |
| deer brush              | <i>Ceanothus</i>       | <i>integerrimus</i>  |
| desertwillow            | <i>Chilopsis</i>       | <i>linearis</i>      |
| devils walkingstick     | <i>Aralia</i>          | <i>spinosa</i>       |
| devilwood               | <i>Osmanthus</i>       | <i>americanus</i>    |
| dogwood                 | <i>Cornus</i>          | spp.                 |
| dogwood, alternate leaf | <i>Cornus</i>          | <i>alternifolia</i>  |
| dogwood, flowering      | <i>Cornus</i>          | <i>florida</i>       |
| dogwood, gray           | <i>Cornus</i>          | <i>racemosa</i>      |
| dogwood, Pacific        | <i>Cornus</i>          | <i>nuttallii</i>     |
| dogwood, red osier      | <i>Cornus</i>          | <i>stolonifera</i>   |
| dogwood, roughleaf      | <i>Cornus</i>          | <i>drummondii</i>    |
| dogwood, roundleaf      | <i>Cornus</i>          | <i>rugosa</i>        |
| doveplum                | <i>Coccoloba</i>       | <i>diversifolia</i>  |
| elder, American         | <i>Sambucus</i>        | <i>canadensis</i>    |
| elder, Pacific red      | <i>Sambucus</i>        | <i>callicarpa</i>    |
| elliottia               | <i>Elliottia</i>       | <i>racemosa</i>      |
| elm                     | <i>Ulmus</i>           | spp.                 |
| elm, American           | <i>Ulmus</i>           | <i>americana</i>     |
| elm, cedar              | <i>Ulmus</i>           | <i>crassifolia</i>   |
| elm, Chinese            | <i>Ulmus</i>           | <i>parvifolia</i>    |
| elm, European           | <i>Ulmus</i>           | <i>procera</i>       |
| elm, rock               | <i>Ulmus</i>           | <i>thomasii</i>      |
| elm, September          | <i>Ulmus</i>           | <i>serotina</i>      |
| elm, Siberian           | <i>Ulmus</i>           | <i>pumila</i>        |
| elm, slippery           | <i>Ulmus</i>           | <i>rubra</i>         |
| elm, water              | <i>Platanus</i>        | <i>aquatica</i>      |
| elm, winged             | <i>Ulmus</i>           | <i>alata</i>         |
| elm, Wych               | <i>Ulmus</i>           | <i>glabra</i>        |
| eucalyptus              | <i>Eucalyptus</i>      | spp.                 |
| eucalyptus, bluegum     | <i>Eucalyptus</i>      | <i>globulus</i>      |

Continued

Table 3.—Continued

| Common name                | Scientific name     |                      |
|----------------------------|---------------------|----------------------|
| eucalyptus, horncap        | <i>Eucalyptus</i>   | <i>tereticornis</i>  |
| eucalyptus, silver dollar  | <i>Eucalyptus</i>   | <i>cinerea</i>       |
| euonymus, evergreen        | <i>Euonymus</i>     | <i>japonicus</i>     |
| falsebox                   | <i>Gyminda</i>      | <i>latifolia</i>     |
| falsebox, West Indies      | <i>Gyminda</i>      | <i>latifolia</i>     |
| fig, benjamin              | <i>Ficus</i>        | <i>benjamina</i>     |
| fig, common                | <i>Ficus</i>        | <i>carica</i>        |
| fig, fiddle leaf           | <i>Ficus</i>        | <i>lyrata</i>        |
| fig, Florida strangler     | <i>Ficus</i>        | <i>aurea</i>         |
| filbert, European          | <i>Corylus</i>      | <i>avellana</i>      |
| fir, balsam                | <i>Abies</i>        | <i>balsamea</i>      |
| fir, bigcone Douglas       | <i>Pseudotsuga</i>  | <i>macrocarpa</i>    |
| fir, blue Chinese          | <i>Cunninghamia</i> | <i>lanceolata</i>    |
| fir, bristlecone           | <i>Abies</i>        | <i>bracteata</i>     |
| fir, California red        | <i>Abies</i>        | <i>magnifica</i>     |
| fir, California white      | <i>Abies</i>        | <i>lowiana</i>       |
| fir, Douglas               | <i>Pseudotsuga</i>  | <i>menziesii</i>     |
| fir, Fraser                | <i>Abies</i>        | <i>fraseri</i>       |
| fir, grand                 | <i>Abies</i>        | <i>grandis</i>       |
| fir, Manchurian            | <i>Abies</i>        | <i>holophylla</i>    |
| fir, noble                 | <i>Abies</i>        | <i>procera</i>       |
| fir, Pacific silver        | <i>Abies</i>        | <i>amabilis</i>      |
| fir, Rocky Mountain alpine | <i>Abies</i>        | <i>bifolia</i>       |
| fir, Sierra white          | <i>Abies</i>        | <i>lowiana</i>       |
| fir, subalpine             | <i>Abies</i>        | <i>lasiocarpa</i>    |
| fir, white                 | <i>Abies</i>        | <i>concolor</i>      |
| fire thorn                 | <i>Pyracantha</i>   | <i>coccinea</i>      |
| fishpoison tree, Florida   | <i>Piscidia</i>     | <i>piscipula</i>     |
| Florida fiddlewood         | <i>Citharexylum</i> | <i>fruticosum</i>    |
| Florida silverpalm         | <i>Coccothrinax</i> | <i>argentata</i>     |
| fringe tree                | <i>Chionanthus</i>  | <i>virginicus</i>    |
| galberry, large            | <i>Ilex</i>         | <i>coriacea</i>      |
| geiger tree                | <i>Cordia</i>       | <i>sebestena</i>     |
| ginko                      | <i>Ginkgo</i>       | <i>biloba</i>        |
| Grevillea                  | <i>Grevillea</i>    | <i>'noellii'</i>     |
| guava, common              | <i>Psidium</i>      | <i>guajava</i>       |
| Guiana plum                | <i>Drypetes</i>     | <i>lateriflora</i>   |
| guiana rapanea             | <i>Rapanea</i>      | <i>guianensis</i>    |
| gum bumelia                | <i>Bumelia</i>      | <i>lanuginosa</i>    |
| gum, black                 | <i>Nyssa</i>        | <i>sylvatica</i>     |
| gum, cider                 | <i>Eucalyptus</i>   | <i>gunnii</i>        |
| gum, desert                | <i>Eucalyptus</i>   | <i>rudis</i>         |
| gum, red                   | <i>Eucalyptus</i>   | <i>camaldulensis</i> |
| gum, silver dollar         | <i>Eucalyptus</i>   | <i>polyanthemos</i>  |
| gumbo limbo                | <i>Bursera</i>      | <i>simaruba</i>      |
| hackberry, dwarf           | <i>Celtis</i>       | <i>tenuifolia</i>    |
| hackberry, Georgia         | <i>Celtis</i>       | <i>tenuifolia</i>    |
| hackberry, northern        | <i>Celtis</i>       | <i>occidentalis</i>  |
| Hakea                      | <i>Hakea</i>        | spp.                 |
| hawthorn                   | <i>Crataegus</i>    | spp.                 |
| hawthorn, barberry         | <i>Crataegus</i>    | <i>berberifolia</i>  |
| hawthorn, barberryleaf     | <i>Crataegus</i>    | <i>berberifolia</i>  |
| hawthorn, Biltmore         | <i>Crataegus</i>    | <i>intricata</i>     |
| hawthorn, black            | <i>Crataegus</i>    | <i>douglasii</i>     |
| hawthorn, blueberry        | <i>Crataegus</i>    | <i>brachyacantha</i> |
| hawthorn, cockspur         | <i>Crataegus</i>    | <i>crus-galli</i>    |
| hawthorn, downy            | <i>Crataegus</i>    | <i>mollis</i>        |
| hawthorn, English          | <i>Crataegus</i>    | <i>oxyacantha</i>    |
| hawthorn, frosted          | <i>Crataegus</i>    | <i>pruinosa</i>      |
| hawthorn, littlehip        | <i>Crataegus</i>    | <i>spathulata</i>    |
| hawthorn, oneseed          | <i>Crataegus</i>    | <i>monogyna</i>      |
| hawthorn, parsley          | <i>Crataegus</i>    | <i>marshallii</i>    |
| hawthorn, riverflat        | <i>Crataegus</i>    | <i>opaca</i>         |
| hawthorn, scarlet          | <i>Crataegus</i>    | <i>coccinea</i>      |
| hawthorn, willow           | <i>Crataegus</i>    | <i>saligna</i>       |
| hazelnut, American         | <i>Corylus</i>      | <i>americana</i>     |
| hazelnut, beaked           | <i>Corylus</i>      | <i>cornuta</i>       |

Continued

Table 3.—Continued

| Common name             | Scientific name      |                        |
|-------------------------|----------------------|------------------------|
| hemlock, Carolina       | <i>Tsuga</i>         | <i>caroliniana</i>     |
| hemlock, eastern        | <i>Tsuga</i>         | <i>canadensis</i>      |
| hemlock, mountain       | <i>Tsuga</i>         | <i>mertensiana</i>     |
| hemlock, western        | <i>Tsuga</i>         | <i>heterophylla</i>    |
| Hercules club           | <i>Zanthoxylum</i>   | <i>clava-herculis</i>  |
| hibiscus, Chinese       | <i>Hibiscus</i>      | <i>rosa-sinensis</i>   |
| hibiscus, sea           | <i>Hibiscus</i>      | <i>tiliaceus</i>       |
| hickory                 | <i>Carya</i>         | spp.                   |
| hickory, bitternut      | <i>Carya</i>         | <i>cordiformis</i>     |
| hickory, black          | <i>Carya</i>         | <i>texana</i>          |
| hickory, mockernut      | <i>Carya</i>         | <i>tomentosa</i>       |
| hickory, nutmeg         | <i>Carya</i>         | <i>myristiciformis</i> |
| hickory, pignut         | <i>Carya</i>         | <i>glabra</i>          |
| hickory, red            | <i>Carya</i>         | <i>ovalis</i>          |
| hickory, sand           | <i>Carya</i>         | <i>pallida</i>         |
| hickory, scrub          | <i>Carya</i>         | <i>floridana</i>       |
| hickory, shagbark       | <i>Carya</i>         | <i>ovata</i>           |
| hickory, shellbark      | <i>Carya</i>         | <i>laciniosa</i>       |
| hickory, water          | <i>Carya</i>         | <i>aquatica</i>        |
| holly, American         | <i>Ilex</i>          | <i>opaca</i>           |
| holly, English          | <i>Ilex</i>          | <i>aquifolium</i>      |
| holly, tawnyberry       | <i>Ilex</i>          | <i>krugiana</i>        |
| honeylocust             | <i>Gleditsia</i>     | <i>triacanthos</i>     |
| hophornbeam, eastern    | <i>Ostrya</i>        | <i>virginiana</i>      |
| hophornbeam, Knowlton   | <i>Ostrya</i>        | <i>knowltonii</i>      |
| hoptree, common         | <i>Ptelea</i>        | <i>trifoliata</i>      |
| hornbeam, American      | <i>Carpinus</i>      | <i>caroliniana</i>     |
| horsechestnut           | <i>Aesculus</i>      | <i>hippocastanum</i>   |
| horsetail casuarina     | <i>Casuarina</i>     | <i>equisetifolia</i>   |
| horsetail tree          | <i>Casuarina</i>     | <i>equisetifolia</i>   |
| huisache                | <i>Acacia</i>        | <i>farnesiana</i>      |
| huisachillo             | <i>Acacia</i>        | <i>tortuosa</i>        |
| incense cedar           | <i>Calocedrus</i>    | <i>decurrens</i>       |
| inkberry                | <i>Ilex</i>          | <i>glabra</i>          |
| inkwood                 | <i>Exothea</i>       | <i>paniculata</i>      |
| ironbark, red           | <i>Eucalyptus</i>    | <i>sideroxylon</i>     |
| ironbark, white         | <i>Eucalyptus</i>    | <i>leucoxylon</i>      |
| Jamaica caper           | <i>Capparis</i>      | <i>cynophallophora</i> |
| jasmine, winter         | <i>Jasminum</i>      | <i>nudiflorum</i>      |
| Jerusalem thorn         | <i>Parkinsonia</i>   | <i>aculeata</i>        |
| juniper, alligator      | <i>Juniperus</i>     | <i>deppeana</i>        |
| juniper, Ashe           | <i>Juniperus</i>     | <i>ashei</i>           |
| juniper, California     | <i>Juniperus</i>     | <i>californica</i>     |
| juniper, common         | <i>Juniperus</i>     | <i>communis</i>        |
| juniper, drooping       | <i>Juniperus</i>     | <i>flaccida</i>        |
| juniper, one seed       | <i>Juniperus</i>     | <i>monosperma</i>      |
| juniper, Pinchot        | <i>Juniperus</i>     | <i>pinchotii</i>       |
| juniper, redberry       | <i>Juniperus</i>     | <i>pinchotii</i>       |
| juniper, redberry       | <i>Juniperus</i>     | <i>erythrocarpa</i>    |
| juniper, Rocky Mountain | <i>Juniperus</i>     | <i>scopulorum</i>      |
| juniper, Utah           | <i>Juniperus</i>     | <i>osteosperma</i>     |
| juniper, western        | <i>Juniperus</i>     | <i>occidentalis</i>    |
| larch, European         | <i>Larix</i>         | <i>decidua</i>         |
| larch, subalpine        | <i>Larix</i>         | <i>lyallii</i>         |
| larch, western          | <i>Larix</i>         | <i>occidentalis</i>    |
| laurel, California      | <i>Umbellularia</i>  | <i>californica</i>     |
| laurelcherry, Carolina  | <i>Prunus</i>        | <i>caroliniana</i>     |
| leadwood                | <i>Krugiodendron</i> | <i>ferreum</i>         |
| lemon                   | <i>Citrus</i>        | <i>limon</i>           |
| lemonade berry          | <i>Rhus</i>          | <i>integrifolia</i>    |
| lime                    | <i>Citrus</i>        | <i>aurantifolia</i>    |
| linden, European        | <i>Tilia</i>         | <i>europaea</i>        |
| linden, little leaf     | <i>Tilia</i>         | <i>cordata</i>         |
| loblolly bay            | <i>Gordonia</i>      | <i>lasianthus</i>      |
| locust                  | <i>Robinia</i>       | spp.                   |
| locust, black           | <i>Robinia</i>       | <i>pseudoacacia</i>    |
| locust, clammy          | <i>Robinia</i>       | <i>viscosa</i>         |

Continued

Table 3.—Continued

| Common name            | Scientific name        |                                  |
|------------------------|------------------------|----------------------------------|
| locust, honey          | <i>Gleditsia</i>       | <i>triacanthos</i>               |
| locust, New Mexico     | <i>Robinia</i>         | <i>neomexicana</i>               |
| locust, water          | <i>Gleditsia</i>       | <i>aquatica</i>                  |
| loquat tree            | <i>Eriobotrya</i>      | <i>japonica</i>                  |
| Lyontree               | <i>Lyonothamnus</i>    | <i>floribundus</i>               |
| lysiloma, Bahama       | <i>Lysiloma</i>        | <i>latisiliquum</i>              |
| madrone, Arizona       | <i>Arbutus</i>         | <i>arizonica</i>                 |
| madrone, Pacific       | <i>Arbutus</i>         | <i>menziesii</i>                 |
| madrone, Texas         | <i>Arbutus</i>         | <i>texana</i>                    |
| magnolia, Ashe         | <i>Magnolia</i>        | <i>ashei</i>                     |
| magnolia, bigleaf      | <i>Magnolia</i>        | <i>macrophylla</i>               |
| magnolia, cucumber     | <i>Magnolia</i>        | <i>acuminata</i>                 |
| magnolia, Fraser       | <i>Magnolia</i>        | <i>fraseri</i>                   |
| magnolia, pyramid      | <i>Magnolia</i>        | <i>pyramidata</i>                |
| magnolia, southern     | <i>Magnolia</i>        | <i>grandiflora</i>               |
| magnolia, umbrella     | <i>Magnolia</i>        | <i>tripetala</i>                 |
| mahogany, West Indies  | <i>Swietenia</i>       | <i>mahogani</i>                  |
| manchineel             | <i>Hippomane</i>       | <i>mancinella</i>                |
| mangrove, button       | <i>Conocarpus</i>      | <i>erectus</i>                   |
| mangrove, red          | <i>Rhizophora</i>      | <i>mangle</i>                    |
| mangrove, white        | <i>Laguncularia</i>    | <i>racemosa</i>                  |
| maple, Amur            | <i>Acer</i>            | <i>ginnata</i>                   |
| maple, bigleaf         | <i>Acer</i>            | <i>macrophyllum</i>              |
| maple, bigtooth        | <i>Acer</i>            | <i>grandidentatum</i>            |
| maple, black           | <i>Acer</i>            | <i>nigrum</i>                    |
| maple, boxelder        | <i>Acer</i>            | <i>negundo</i>                   |
| maple, canyon          | <i>Acer</i>            | <i>grandidentatum</i>            |
| maple, chalk           | <i>Acer</i>            | <i>leucoderme</i>                |
| maple, Florida         | <i>Acer</i>            | <i>barbatum</i>                  |
| maple, fullmoon        | <i>Acer</i>            | <i>japonicum</i>                 |
| maple, hedge           | <i>Acer</i>            | <i>campestre</i>                 |
| maple, Japanese        | <i>Acer</i>            | <i>palmatum</i>                  |
| maple, mountain        | <i>Acer</i>            | <i>spicatum</i>                  |
| maple, Norway          | <i>Acer</i>            | <i>platanoides</i>               |
| maple, red             | <i>Acer</i>            | <i>rubrum</i>                    |
| maple, Rocky Mountain  | <i>Acer</i>            | <i>glabrum</i>                   |
| maple, silver          | <i>Acer</i>            | <i>saccharinum</i>               |
| maple, striped         | <i>Acer</i>            | <i>pensylvanicum</i>             |
| maple, sugar           | <i>Acer</i>            | <i>saccharum</i>                 |
| maple, sycamore        | <i>Acer</i>            | <i>pseudoplatanus</i>            |
| maple, Tatar           | <i>Acer</i>            | <i>tataricum</i>                 |
| maple, vine            | <i>Acer</i>            | <i>circinatum</i>                |
| marlberry              | <i>Ardisia</i>         | <i>escalonoides</i>              |
| mastic, false          | <i>Mastichodendron</i> | <i>foetidissimum</i>             |
| mazzard                | <i>Prunus</i>          | <i>avium</i>                     |
| medlar, Chinese        | <i>Photinia</i>        | <i>serrulata</i>                 |
| medlar, European       | <i>Mespilus</i>        | <i>germanica</i>                 |
| melaleuca, lilac       | <i>Melaleuca</i>       | <i>decussata</i>                 |
| mescalbean             | <i>Sophora</i>         | <i>secundiflora</i>              |
| mesquite, honey        | <i>Prosopis</i>        | <i>glandulosa</i>                |
| mesquite, screwbean    | <i>Prosopis</i>        | <i>pubescens</i>                 |
| Mexican alvaradoa      | <i>Alvaradoa</i>       | <i>amorphoides</i>               |
| mountain ash, American | <i>Sorbus</i>          | <i>americana</i>                 |
| mountain ash, European | <i>Sorbus</i>          | <i>aucupana</i>                  |
| mulberry, black        | <i>Morus</i>           | <i>nigra</i>                     |
| mulberry, paper        | <i>Broussonetia</i>    | <i>papyrifera</i>                |
| mulberry, red          | <i>Morus</i>           | <i>rubra</i>                     |
| mulberry, Russian      | <i>Morus</i>           | <i>alba</i> var. <i>tatarica</i> |
| mulberry, Texas        | <i>Morus</i>           | <i>microphylla</i>               |
| mulberry, white        | <i>Morus</i>           | <i>alba</i>                      |
| myrtle of the river    | <i>Calyptanthus</i>    | <i>zuzygium</i>                  |
| nannyberry             | <i>Viburnum</i>        | <i>lentago</i>                   |
| nectarine              | <i>Prunus</i>          | <i>persica</i>                   |
| oak                    | <i>Quercus</i>         | spp.                             |
| oak, Arizona gray      | <i>Quercus</i>         | <i>grisea</i>                    |
| oak, Arizona white     | <i>Quercus</i>         | <i>arizonica</i>                 |
| oak, bear              | <i>Quercus</i>         | <i>ilicifolia</i>                |

Continued

Table 3.—Continued

| Common name           | Scientific name      |                       |
|-----------------------|----------------------|-----------------------|
| oak, black            | <i>Quercus</i>       | <i>velutina</i>       |
| oak, blackjack        | <i>Quercus</i>       | <i>marilandica</i>    |
| oak, blue             | <i>Quercus</i>       | <i>douglasii</i>      |
| oak, bluejack         | <i>Quercus</i>       | <i>cinerea</i>        |
| oak, bluejack         | <i>Quercus</i>       | <i>incana</i>         |
| oak, bluff            | <i>Quercus</i>       | <i>austrina</i>       |
| oak, bur              | <i>Quercus</i>       | <i>macrocarpa</i>     |
| oak, California black | <i>Quercus</i>       | <i>kelloggii</i>      |
| oak, California red   | <i>Quercus</i>       | <i>kelloggii</i>      |
| oak, California white | <i>Quercus</i>       | <i>lobata</i>         |
| oak, canyon live      | <i>Quercus</i>       | <i>chrysolepis</i>    |
| oak, Chapman          | <i>Quercus</i>       | <i>chapmanii</i>      |
| oak, cherrybark       | <i>Quercus</i>       | <i>pagoda</i>         |
| oak, chestnut         | <i>Quercus</i>       | <i>prinus</i>         |
| oak, chinkapin        | <i>Quercus</i>       | <i>muehlenbergii</i>  |
| oak, coast live       | <i>Quercus</i>       | <i>agrifolia</i>      |
| oak, cork             | <i>Quercus</i>       | <i>suber</i>          |
| oak, Darlington       | <i>Quercus</i>       | <i>hemisphaerica</i>  |
| oak, Durand           | <i>Quercus</i>       | <i>durandii</i>       |
| oak, Emory            | <i>Quercus</i>       | <i>emoryi</i>         |
| oak, Engelmann        | <i>Quercus</i>       | <i>engelmannii</i>    |
| oak, Gambel           | <i>Quercus</i>       | <i>gambelii</i>       |
| oak, gray             | <i>Quercus</i>       | <i>grisea</i>         |
| oak, interior live    | <i>Quercus</i>       | <i>wislizenii</i>     |
| oak, laurel           | <i>Quercus</i>       | <i>laurifolia</i>     |
| oak, live             | <i>Quercus</i>       | <i>virginiana</i>     |
| oak, Mexican blue     | <i>Quercus</i>       | <i>oblongifolia</i>   |
| oak, myrtle           | <i>Quercus</i>       | <i>myrtifolia</i>     |
| oak, northern pin     | <i>Quercus</i>       | <i>ellipsoidalis</i>  |
| oak, northern red     | <i>Quercus</i>       | <i>rubra</i>          |
| oak, Nuttall          | <i>Quercus</i>       | <i>nuttallii</i>      |
| oak, Oglethorpe       | <i>Quercus</i>       | <i>oglethorpensis</i> |
| oak, Oregon white     | <i>Quercus</i>       | <i>garryana</i>       |
| oak, overcup          | <i>Quercus</i>       | <i>lyrata</i>         |
| oak, pin              | <i>Quercus</i>       | <i>palustris</i>      |
| oak, post             | <i>Quercus</i>       | <i>stellata</i>       |
| oak, sand post        | <i>Quercus</i>       | <i>margaretta</i>     |
| oak, scarlet          | <i>Quercus</i>       | <i>coccinea</i>       |
| oak, shingle          | <i>Quercus</i>       | <i>imbricaria</i>     |
| oak, Shumard          | <i>Quercus</i>       | <i>shumardii</i>      |
| oak, silverleaf       | <i>Quercus</i>       | <i>hypoleucoides</i>  |
| oak, southern red     | <i>Quercus</i>       | <i>falcata</i>        |
| oak, swamp chestnut   | <i>Quercus</i>       | <i>michauxii</i>      |
| oak, swamp white      | <i>Quercus</i>       | <i>bicolor</i>        |
| oak, turkey (scrub)   | <i>Quercus</i>       | <i>laevis</i>         |
| oak, valley           | <i>Quercus</i>       | <i>lobata</i>         |
| oak, water            | <i>Quercus</i>       | <i>nigra</i>          |
| oak, white            | <i>Quercus</i>       | <i>alba</i>           |
| oak, willow           | <i>Quercus</i>       | <i>phellos</i>        |
| olive                 | <i>Olea</i>          | <i>europaea</i>       |
| olive, Russian        | <i>Elaeagnus</i>     | <i>angustifolia</i>   |
| orange                | <i>Citrus</i>        | <i>sinensis</i>       |
| orange, Osage         | <i>Maclura</i>       | <i>pomifera</i>       |
| oysterwood            | <i>Gymnanthes</i>    | <i>lucida</i>         |
| pagoda tree, Japanese | <i>Sophora</i>       | <i>japonica</i>       |
| pale lidflower        | <i>Calyptanthus</i>  | <i>pallens</i>        |
| palm, buccaneer       | <i>Pseudophoenix</i> | <i>sargentii</i>      |
| palm, California      | <i>Washingtonia</i>  | <i>filifera</i>       |
| palm, coconut         | <i>Cocos</i>         | <i>nucifera</i>       |
| palm, Manila          | <i>Adonidia</i>      | <i>merrillii</i>      |
| palm, paurotis        | <i>Acoelorrhapha</i> | <i>wrightii</i>       |
| palm, queen           | <i>Arecastrum</i>    | <i>romanzoffianum</i> |
| palm, wine            | <i>Caryota</i>       | <i>urens</i>          |
| palmetto, cabbage     | <i>Sabal</i>         | <i>palmetto</i>       |
| paloverde, blue       | <i>Cercidium</i>     | <i>floridum</i>       |
| paloverde, yellow     | <i>Cercidium</i>     | <i>microphyllum</i>   |
| papaya                | <i>Carica</i>        | <i>papaya</i>         |

Continued

Table 3.—Continued

| Common name                     | Scientific name   |                       |
|---------------------------------|-------------------|-----------------------|
| paradise tree                   | <i>Simarouba</i>  | <i>glauca</i>         |
| parasol tree, Chinese           | <i>Firmiana</i>   | <i>simplex</i>        |
| paulownia, royal                | <i>Paulownia</i>  | <i>tomentosa</i>      |
| pawpaw                          | <i>Asimina</i>    | <i>trioba</i>         |
| peach                           | <i>Prunus</i>     | <i>persica</i>        |
| pear                            | <i>Pyrus</i>      | <i>communis</i>       |
| pecan                           | <i>Carya</i>      | <i>illinoensis</i>    |
| pepperbush                      | <i>Clethra</i>    | spp.                  |
| pepperbush, sweet               | <i>Clethra</i>    | <i>alnifolia</i>      |
| peppermint, white               | <i>Eucalyptus</i> | <i>pulchella</i>      |
| peppertree, California          | <i>Schinus</i>    | <i>molle</i>          |
| persimmon, common               | <i>Diospyros</i>  | <i>virginiana</i>     |
| persimmon, Texas                | <i>Diospyros</i>  | <i>texana</i>         |
| photinia                        | <i>Photinia</i>   | spp.                  |
| photinia, Japanese              | <i>Photinia</i>   | <i>glabra</i>         |
| pigeonplum                      | <i>Coccoloba</i>  | <i>diversifolia</i>   |
| pinckneya                       | <i>Pinckneya</i>  | <i>pubens</i>         |
| pine, Aleppo                    | <i>Pinus</i>      | <i>halepensis</i>     |
| pine, Apache                    | <i>Pinus</i>      | <i>engelmannii</i>    |
| pine, Austrian                  | <i>Pinus</i>      | <i>nigra</i>          |
| pine, bishop                    | <i>Pinus</i>      | <i>muricata</i>       |
| pine, bristlecone               | <i>Pinus</i>      | <i>aristata</i>       |
| pine, Coulter                   | <i>Pinus</i>      | <i>coulteri</i>       |
| pine, Digger                    | <i>Pinus</i>      | <i>sabiniana</i>      |
| pine, eastern white             | <i>Pinus</i>      | <i>strobus</i>        |
| pine, foxtail                   | <i>Pinus</i>      | <i>balfouriana</i>    |
| pine, intermountain bristlecone | <i>Pinus</i>      | <i>longaeva</i>       |
| pine, Italian stone             | <i>Pinus</i>      | <i>pinea</i>          |
| pine, jack                      | <i>Pinus</i>      | <i>banksiana</i>      |
| pine, Japanese black            | <i>Pinus</i>      | <i>thunbergiana</i>   |
| pine, Jeffrey                   | <i>Pinus</i>      | <i>joffreyi</i>       |
| pine, knobcone                  | <i>Pinus</i>      | <i>attenuata</i>      |
| pine, limber                    | <i>Pinus</i>      | <i>flexilis</i>       |
| pine, loblolly                  | <i>Pinus</i>      | <i>taeda</i>          |
| pine, lodgepole                 | <i>Pinus</i>      | <i>contorta</i>       |
| pine, longleaf                  | <i>Pinus</i>      | <i>palustris</i>      |
| pine, Monterey                  | <i>Pinus</i>      | <i>radiata</i>        |
| pine, pitch                     | <i>Pinus</i>      | <i>rigida</i>         |
| pine, pond                      | <i>Pinus</i>      | <i>serotina</i>       |
| pine, ponderosa                 | <i>Pinus</i>      | <i>ponderosa</i>      |
| pine, red                       | <i>Pinus</i>      | <i>resinosa</i>       |
| pine, sand                      | <i>Pinus</i>      | <i>clausa</i>         |
| pine, Scotch                    | <i>Pinus</i>      | <i>sylvestris</i>     |
| pine, Scots                     | <i>Pinus</i>      | <i>sylvestris</i>     |
| pine, shortleaf                 | <i>Pinus</i>      | <i>echinata</i>       |
| pine, slash                     | <i>Pinus</i>      | <i>elliottii</i>      |
| pine, southwestern white        | <i>Pinus</i>      | <i>strobiformis</i>   |
| pine, spruce                    | <i>Pinus</i>      | <i>glabra</i>         |
| pine, sugar                     | <i>Pinus</i>      | <i>lambertiana</i>    |
| pine, Swiss mountain            | <i>Pinus</i>      | <i>mugo</i>           |
| pine, table mountain            | <i>Pinus</i>      | <i>pungens</i>        |
| pine, Torrey                    | <i>Pinus</i>      | <i>torreyana</i>      |
| pine, Virginia                  | <i>Pinus</i>      | <i>virginiana</i>     |
| pine, Washoe                    | <i>Pinus</i>      | <i>washoensis</i>     |
| pine, western white             | <i>Pinus</i>      | <i>monticola</i>      |
| pine, whitebark                 | <i>Pinus</i>      | <i>albicaulis</i>     |
| pinyon                          | <i>Pinus</i>      | <i>edulis</i>         |
| pinyon, border                  | <i>Pinus</i>      | <i>discolor</i>       |
| pinyon, Mexican                 | <i>Pinus</i>      | <i>cembroides</i>     |
| pinyon, Parry                   | <i>Pinus</i>      | <i>quadrifolia</i>    |
| pinyon, singleleaf              | <i>Pinus</i>      | <i>monophylla</i>     |
| pistache, Texas                 | <i>Pistacia</i>   | <i>texana</i>         |
| pistachio                       | <i>Pistacia</i>   | <i>vera</i>           |
| planetree, Oriental             | <i>Platanus</i>   | <i>orientalis</i>     |
| plum, Allegheny                 | <i>Prunus</i>     | <i>alleghaniensis</i> |
| plum, American                  | <i>Prunus</i>     | <i>americana</i>      |
| plum, beach                     | <i>Prunus</i>     | <i>maritima</i>       |

Continued

Table 3.—Continued

| Common name            | Scientific name       |                                        |
|------------------------|-----------------------|----------------------------------------|
| plum, Canada           | <i>Prunus</i>         | <i>nigra</i>                           |
| plum, Chickasaw        | <i>Prunus</i>         | <i>angustifolia</i>                    |
| plum, common           | <i>Prunus</i>         | <i>domestica</i>                       |
| plum, darling          | <i>Reynosia</i>       | <i>septentrionalis</i>                 |
| plum, flatwoods        | <i>Prunus</i>         | <i>umbellata</i>                       |
| plum, Guiana           | <i>Drypetes</i>       | <i>lateriflora</i>                     |
| plum, hortulan         | <i>Prunus</i>         | <i>hortulana</i>                       |
| plum, Japanese         | <i>Prunus</i>         | <i>japonica</i>                        |
| plum, Klamath          | <i>Prunus</i>         | <i>subcordata</i>                      |
| plum, Mexican          | <i>Prunus</i>         | <i>mexicana</i>                        |
| plum, purple leaved    | <i>Prunus</i>         | <i>cerasifera</i> var. <i>pissardi</i> |
| plum, wildgoose        | <i>Prunus</i>         | <i>munsoniana</i>                      |
| poisontree, Florida    | <i>Metopium</i>       | <i>toxiferum</i>                       |
| pomegranate            | <i>Punica</i>         | <i>granatum</i>                        |
| pond apple             | <i>Annona</i>         | <i>glabra</i>                          |
| poplar                 | <i>Populus</i>        | spp.                                   |
| poplar, balsam         | <i>Populus</i>        | <i>balsamifera</i>                     |
| poplar, Lombardy       | <i>Populus</i>        | <i>nigra</i> var. <i>italica</i>       |
| poplar, tulip          | <i>Liriodendron</i>   | <i>tulipifera</i>                      |
| poplar, white          | <i>Populus</i>        | <i>alba</i>                            |
| poplar, yellow         | <i>Liriodendron</i>   | <i>tulipifera</i>                      |
| possum haw             | <i>Ilex</i>           | <i>decidua</i>                         |
| prickly ash, common    | <i>Zanthoxylum</i>    | <i>americanum</i>                      |
| prickly ash, lime      | <i>Zanthoxylum</i>    | <i>fagara</i>                          |
| princewood             | <i>Exostema</i>       | <i>canbaeum</i>                        |
| princewood, Caribbean  | <i>Exostema</i>       | <i>canbaeum</i>                        |
| privet, swamp          | <i>Forestiera</i>     | <i>acuminata</i>                       |
| quince                 | <i>Cydonia</i>        | <i>oblonga</i>                         |
| quince, Japanese       | <i>Chaenomeles</i>    | <i>lagenaria</i>                       |
| rapanea, guiana        | <i>Rapanea</i>        | <i>guianensis</i>                      |
| redbay                 | <i>Persea</i>         | <i>borbonia</i>                        |
| redbud, California     | <i>Cercis</i>         | <i>occidentalis</i>                    |
| redbud, eastern        | <i>Cercis</i>         | <i>canadensis</i>                      |
| redbud, western        | <i>Cercis</i>         | <i>occidentalis</i>                    |
| redcedar, eastern      | <i>Juniperus</i>      | <i>virginiana</i>                      |
| redcedar, western      | <i>Thuja</i>          | <i>plicata</i>                         |
| redwood, coast         | <i>Sequoia</i>        | <i>sempervirens</i>                    |
| redwood, dawn          | <i>Metasequoia</i>    | <i>glyptostroboides</i>                |
| rose                   | <i>Rosa</i>           | spp.                                   |
| rose, climbing prairie | <i>Rosa</i>           | <i>setigera</i>                        |
| rose, Macartney        | <i>Rosa</i>           | <i>bracteata</i>                       |
| rose, sweetbriar       | <i>Rosa</i>           | <i>eglantaria</i>                      |
| roseberry              | <i>Juniperus</i>      | <i>coahuilensis</i>                    |
| roughbark lignumvitae  | <i>Guaiacum</i>       | <i>sanctum</i>                         |
| royalpalm, Florida     | <i>Roystonea</i>      | <i>elata</i>                           |
| rubber tree, India     | <i>Ficus</i>          | <i>elastica</i>                        |
| Russian olive          | <i>Elaeagnus</i>      | <i>angustifolia</i>                    |
| rustica rubra          | <i>Magnolia</i>       | <i>soulangiana</i>                     |
| saguaro                | <i>Cereus</i>         | <i>giganteus</i>                       |
| sassafras              | <i>Sassafras</i>      | <i>albidum</i>                         |
| satinleaf              | <i>Chrysophyllum</i>  | <i>oliviforme</i>                      |
| satinwood, West Indies | <i>Zanthoxylum</i>    | <i>flavum</i>                          |
| seagrape               | <i>Coccoloba</i>      | <i>uvifera</i>                         |
| sequoia, giant         | <i>Sequoiadendron</i> | <i>giganteum</i>                       |
| serviceberry           | <i>Amelanchier</i>    | spp.                                   |
| serviceberry, downy    | <i>Amelanchier</i>    | <i>arborea</i>                         |
| serviceberry, eastern  | <i>Amelanchier</i>    | <i>canadensis</i>                      |
| serviceberry, smooth   | <i>Amelanchier</i>    | <i>laevis</i>                          |
| serviceberry, western  | <i>Amelanchier</i>    | <i>alnifolia</i>                       |
| Siberian pea tree      | <i>Caragana</i>       | <i>arborescens</i>                     |
| silk oak               | <i>Grevillea</i>      | <i>robusta</i>                         |
| silk tassel            | <i>Garrya</i>         | <i>tremontii</i>                       |
| silk tree              | <i>Albizia</i>        | <i>julibrissin</i>                     |
| silver bell            | <i>Halesia</i>        | <i>carolina</i>                        |
| silverbell, Carolina   | <i>Halesia</i>        | <i>carolina</i>                        |
| sloe                   | <i>Prunus</i>         | <i>spinosa</i>                         |
| smokethorn             | <i>Dalea</i>          | <i>spinosa</i>                         |

Continued

Table 3.—Continued

| Common name               | Scientific name       |                                      |
|---------------------------|-----------------------|--------------------------------------|
| smoke tree                | <i>Cotinus</i>        | <i>coggygria</i>                     |
| smoketree, American       | <i>Cotinus</i>        | <i>obovatus</i>                      |
| snowberry                 | <i>Symphoricarpos</i> | <i>albus</i>                         |
| soapberry, Florida        | <i>Sapindus</i>       | <i>marginatus</i>                    |
| soapberry, western        | <i>Sapindus</i>       | <i>drummondii</i>                    |
| soapberry, wingleaf       | <i>Sapindus</i>       | <i>saponaria</i>                     |
| soldierwood               | <i>Colubrina</i>      | <i>elliptica</i>                     |
| sophora, Texas            | <i>Sophora</i>        | <i>affinis</i>                       |
| sourwood                  | <i>Oxydendrum</i>     | <i>arboreum</i>                      |
| spicebush                 | <i>Lindera</i>        | <i>benzoin</i>                       |
| spindle tree, European    | <i>Euonymus</i>       | <i>europaeus</i>                     |
| spirea                    | <i>Spirea</i>         | <i>bumalda</i>                       |
| spruce                    | <i>Picea</i>          | spp.                                 |
| spruce, black             | <i>Picea</i>          | <i>mariana</i>                       |
| spruce, blue              | <i>Picea</i>          | <i>pungens</i>                       |
| spruce, Brewer            | <i>Picea</i>          | <i>brewerana</i>                     |
| spruce, dwarf Alberta     | <i>Picea</i>          | <i>glauca</i> var. <i>albertiana</i> |
| spruce, Engelmann         | <i>Picea</i>          | <i>engelmannii</i>                   |
| spruce, Norway            | <i>Picea</i>          | <i>abies</i>                         |
| spruce, red               | <i>Picea</i>          | <i>rubens</i>                        |
| spruce, Sitka             | <i>Picea</i>          | <i>sitchensis</i>                    |
| spruce, tidgetail         | <i>Picea</i>          | <i>polita</i>                        |
| spruce, white             | <i>Picea</i>          | <i>glauca</i>                        |
| Stewartia                 | <i>Stewartia</i>      | <i>koreana</i>                       |
| Stewartia, mountain       | <i>Stewartia</i>      | <i>ovata</i>                         |
| strawberry tree           | <i>Arbutus</i>        | <i>unedo</i>                         |
| sugarberry                | <i>Celtis</i>         | <i>laevigata</i>                     |
| sumac, lemonade           | <i>Rhus</i>           | <i>integrifolia</i>                  |
| sumac, poison             | <i>Toxicodendron</i>  | <i>vernix</i>                        |
| sumac, shining            | <i>Rhus</i>           | <i>copallina</i>                     |
| sumac, smooth             | <i>Rhus</i>           | <i>glabra</i>                        |
| sumac, staghorn           | <i>Rhus</i>           | <i>typhina</i>                       |
| sweetbay                  | <i>Magnolia</i>       | <i>virginiana</i>                    |
| sweetgum                  | <i>Liquidambar</i>    | <i>styraciflua</i>                   |
| sweetleaf, common         | <i>Symplocos</i>      | <i>tinctoria</i>                     |
| sycamore                  | <i>Platanus</i>       | <i>occidentalis</i>                  |
| sycamore, American        | <i>Platanus</i>       | <i>occidentalis</i>                  |
| sycamore, Arizona         | <i>Platanus</i>       | <i>wrightii</i>                      |
| sycamore, California      | <i>Platanus</i>       | <i>racemosa</i>                      |
| Sydney golden wattle      | <i>Acacia</i>         | <i>longifolia</i>                    |
| tallowtree, Chinese       | <i>Sapium</i>         | <i>sebiferum</i>                     |
| tallowwood                | <i>Ximenia</i>        | <i>americana</i>                     |
| tamarack                  | <i>Larix</i>          | <i>laricina</i>                      |
| tamerisk, smallflower     | <i>Tamarix</i>        | <i>parviflora</i>                    |
| tanoak                    | <i>Lithocarpus</i>    | <i>densiflorus</i>                   |
| tesota                    | <i>Olneya</i>         | <i>tesota</i>                        |
| thatchpalm, brittle       | <i>Thrinax</i>        | <i>microcarpa</i>                    |
| thatchpalm, Jamaica       | <i>Thrinax</i>        | <i>parviflora</i>                    |
| torchwood                 | <i>Amyris</i>         | <i>elemifera</i>                     |
| torreya, California       | <i>Torreya</i>        | <i>californica</i>                   |
| torreya, Florida          | <i>Torreya</i>        | <i>taxifolia</i>                     |
| toyon                     | <i>Heteromeles</i>    | <i>arbutifolia</i>                   |
| tree lyonia               | <i>Lyonia</i>         | <i>feruginea</i>                     |
| tree of heaven            | <i>Ailanthus</i>      | <i>altissima</i>                     |
| trema, Florida            | <i>Trema</i>          | <i>micrantha</i>                     |
| tulip poplar              | <i>Liriodendron</i>   | <i>tulipifera</i>                    |
| tulip tree                | <i>Liriodendron</i>   | <i>tulipifera</i>                    |
| tung oil tree             | <i>Aleurites</i>      | <i>fordii</i>                        |
| tupelo, black             | <i>Nyssa</i>          | <i>sylvatica</i>                     |
| tupelo, Ogeechee          | <i>Nyssa</i>          | <i>ogeche</i>                        |
| tupelo, swamp             | <i>Nyssa</i>          | <i>biflora</i>                       |
| tupelo, water             | <i>Nyssa</i>          | <i>aquatica</i>                      |
| vauquelinia, Torrey       | <i>Vauquelinia</i>    | <i>californica</i>                   |
| velvetseed, elliptic leaf | <i>Guettarda</i>      | <i>elliptica</i>                     |
| velvetseed, roughleaf     | <i>Guettarda</i>      | <i>scabra</i>                        |
| viburnum                  | <i>Viburnum</i>       | <i>tomentosum</i>                    |
| viburnum, leatherleaf     | <i>Viburnum</i>       | <i>rhytidophyllum</i>                |

Continued

Table 3.—Continued

| Common name                 | Scientific name     |                                 |
|-----------------------------|---------------------|---------------------------------|
| viburnum, oval leafed       | <i>Viburnum</i>     | <i>ellipticum</i>               |
| wahoo, eastern              | <i>Euonymus</i>     | <i>atropurpureus</i>            |
| wahoo, western              | <i>Euonymus</i>     | <i>occidentalis</i>             |
| walnut, Arizona             | <i>Juglans</i>      | <i>major</i>                    |
| walnut, black               | <i>Juglans</i>      | <i>nigra</i>                    |
| walnut, Hinds               | <i>Juglans</i>      | <i>hindsii</i>                  |
| walnut, little              | <i>Juglans</i>      | <i>microcarpa</i>               |
| walnut, northern California | <i>Juglans</i>      | <i>hindsii</i>                  |
| walnut, southern California | <i>Juglans</i>      | <i>californica</i>              |
| waterlocust                 | <i>Gleditsia</i>    | <i>aquatica</i>                 |
| waxmyrtle, Pacific          | <i>Myrica</i>       | <i>californica</i>              |
| wayfaring tree              | <i>Viburnum</i>     | <i>lantana</i>                  |
| white cedar, northern       | <i>Thuja</i>        | <i>occidentalis</i>             |
| wild dilly                  | <i>Manilkara</i>    | <i>bahamensis</i>               |
| willow                      | <i>Salix</i>        | spp.                            |
| willow bustic               | <i>Dipholis</i>     | <i>salicifolia</i>              |
| willow, arroyo              | <i>Salix</i>        | <i>lasiolepis</i>               |
| willow, basket              | <i>Salix</i>        | <i>viminalis</i>                |
| willow, Bebb                | <i>Salix</i>        | <i>bebbiana</i>                 |
| willow, black               | <i>Salix</i>        | <i>nigra</i>                    |
| willow, Bonpland            | <i>Salix</i>        | <i>bonplandiana</i>             |
| willow, coastal plain       | <i>Salix</i>        | <i>caroliniana</i>              |
| willow, crack               | <i>Salix</i>        | <i>fragilis</i>                 |
| willow, diamond             | <i>Salix</i>        | <i>eriocephala</i>              |
| willow, feltleaf            | <i>Salix</i>        | <i>alaxensis</i>                |
| willow, golden weeping      | <i>Salix</i>        | <i>alba</i> var. <i>tristis</i> |
| willow, heart leaved        | <i>Salix</i>        | <i>cordata</i>                  |
| willow, Hooker              | <i>Salix</i>        | <i>hookerana</i>                |
| willow, laurel leaved       | <i>Salix</i>        | <i>pentandra</i>                |
| willow, Mackenzie           | <i>Salix</i>        | <i>mackenzieana</i>             |
| willow, Pacific             | <i>Salix</i>        | <i>lasiandra</i>                |
| willow, peachleaf           | <i>Salix</i>        | <i>amygdaloides</i>             |
| willow, pussy               | <i>Salix</i>        | <i>discolor</i>                 |
| willow, red                 | <i>Salix</i>        | <i>laevigata</i>                |
| willow, sandbar             | <i>Salix</i>        | <i>exigua</i>                   |
| willow, Scouler             | <i>Salix</i>        | <i>scoulerana</i>               |
| willow, shining             | <i>Salix</i>        | <i>lucida</i>                   |
| willow, weeping             | <i>Salix</i>        | <i>babylonica</i>               |
| willow, white               | <i>Salix</i>        | <i>alba</i>                     |
| willow, yewleaf             | <i>Salix</i>        | <i>taxifolia</i>                |
| winterberry, common         | <i>Ilex</i>         | <i>verticillata</i>             |
| winterberry, mountain       | <i>Ilex</i>         | <i>montana</i>                  |
| witchhazel                  | <i>Hamamelis</i>    | <i>virginiana</i>               |
| yaupon                      | <i>Ilex</i>         | <i>vomitorea</i>                |
| yellow poplar               | <i>Liriodendron</i> | <i>tulipifera</i>               |
| yellowwood                  | <i>Cladrastis</i>   | <i>lutea</i>                    |
| yew, Florida                | <i>Taxus</i>        | <i>floridana</i>                |
| yew, Pacific                | <i>Taxus</i>        | <i>brevifolia</i>               |

**Table 4.—Taxonomic checklist of tree species, codes following species names describe continent of origin (NA = North America, AS = Asia, AU = Australia, AF = Africa, EU = Europe)**

|                                     |        |  |                                     |            |
|-------------------------------------|--------|--|-------------------------------------|------------|
| <b>Class: Ginkgoopsida</b>          |        |  | <i>Pinus Pinus echinata</i>         | NA         |
| <b>Order: Ginkgoales</b>            |        |  | <i>Pinus Pinus glabra</i>           | NA         |
| <b>Family: Ginkgoaceae</b>          |        |  | <i>Pinus Pinus rigida</i>           | NA         |
| <i>Ginkgo biloba</i>                | AS     |  | <i>Pinus Pinus serotina</i>         | NA         |
| <b>Class: Coniferopsida</b>         |        |  | <i>Pinus Pinus pungens</i>          | NA         |
| <b>Order: Coniferales</b>           |        |  | <i>Pinus Pinus elliotii</i>         | NA         |
| <b>Family: Pinaceae</b>             |        |  | <i>Pinus Pinus ponderosa</i>        | NA         |
| <i>Abies bracteata</i>              | NA     |  | <i>Pinus Pinus washoensis</i>       | NA         |
| <i>Abies amabilis</i>               | NA     |  | <i>Pinus Pinus jeffreyi</i>         | NA         |
| <i>Abies grandis</i>                | NA     |  | <i>Pinus Pinus engelmannii</i>      | NA         |
| <i>Abies balsamea</i>               | NA     |  | <i>Pinus Pinus sabiniana</i>        | NA         |
| <i>Abies fraseri</i>                | NA     |  | <i>Pinus Pinus coulteri</i>         | NA         |
| <i>Abies lasiocarpa</i>             | NA     |  | <i>Pinus Pinus torreyana</i>        | NA         |
| <i>Abies bifolia</i>                | NA     |  | <i>Pinus Pinus banksiana</i>        | NA         |
| <i>Abies concolor</i>               | NA     |  | <i>Pinus Pinus contorta</i>         | NA         |
| <i>Abies lowiana</i>                | NA     |  | <i>Pinus Pinus virginiana</i>       | NA         |
| <i>Abies magnifica</i>              | NA     |  | <i>Pinus Pinus clausa</i>           | NA         |
| <i>Abies procera</i>                | NA     |  | <i>Pinus Pinus radiata</i>          | NA         |
| <i>Abies holophylla</i>             | AS     |  | <i>Pinus Pinus attenuata</i>        | NA         |
| <i>Cedrus atlantica</i>             | AF     |  | <i>Pinus Pinus muricata</i>         | NA         |
| <i>Cedrus deodara</i>               | AS     |  | <b>Family: Taxodiaceae</b>          |            |
| <i>Cedrus libani</i>                | AS     |  | <i>Sequoia sempervirens</i>         | NA         |
| <i>Tsuga caroliniana</i>            | NA     |  | <i>Sequoiadendron giganteum</i>     | NA         |
| <i>Tsuga mertensiana</i>            | NA     |  | <i>Taxodium distichum</i>           | NA         |
| <i>Tsuga canadensis</i>             | NA     |  | <i>Taxodium mucronatum</i>          | NA         |
| <i>Tsuga heterophylla</i>           | NA     |  | <i>Cunninghamia lanceolata</i>      | AS         |
| <i>Pseudotsuga macrocarpa</i>       | NA     |  | <i>Metasequoia glyptostroboides</i> | AS         |
| <i>Pseudotsuga menziesii</i>        | NA     |  | <b>Family: Cupressaceae</b>         |            |
| <i>Larix decidua</i>                | EU     |  | <i>Cupressus arizonica</i>          | NA         |
| <i>Larix laricina</i>               | NA     |  | <i>Cupressus bakeri</i>             | NA         |
| <i>Larix occidentalis</i>           | NA     |  | <i>Cupressus macnabiana</i>         | NA         |
| <i>Larix lyallii</i>                | NA     |  | <i>Cupressus sargentii</i>          | NA         |
| <i>Picea abies</i>                  | EU     |  | <i>Cupressus goveniana</i>          | NA         |
| <i>Picea mariana</i>                | NA     |  | <i>Cupressus macrocarpa</i>         | NA         |
| <i>Picea rubens</i>                 | NA     |  | <i>Cupressus guadalupensis</i>      | NA         |
| <i>Picea glauca</i>                 | NA     |  | <i>Chamaecyparis thyoides</i>       | NA         |
| <i>Picea glauca var. albertiana</i> | NA     |  | <i>Chamaecyparis lawsoniana</i>     | NA         |
| <i>Picea engelmannii</i>            | NA     |  | <i>Chamaecyparis nootkatensis</i>   | NA         |
| <i>Picea pungens</i>                | NA     |  | <i>Cupressocyparis leylandii</i>    | NA         |
| <i>Picea sitchensis</i>             | NA     |  | <i>Thuja occidentalis</i>           | NA         |
| <i>Picea breweriana</i>             | NA     |  | <i>Thuja plicata</i>                | NA         |
| <i>Picea spp.</i>                   | EU, NA |  | <i>Thuja orientalis</i>             | AS         |
| <i>Pinus Strobus albicaulis</i>     | NA     |  | <i>Calocedrus decurrens</i>         | NA         |
| <i>Pinus Strobus strobus</i>        | NA     |  | <i>Juniperus communis</i>           | AS, EU, NA |
| <i>Pinus Strobus monticola</i>      | NA     |  | <i>Juniperus flaccida</i>           | NA         |
| <i>Pinus Strobus lambertiana</i>    | NA     |  | <i>Juniperus scopulorum</i>         | NA         |
| <i>Pinus Strobus flexilis</i>       | NA     |  | <i>Juniperus virginiana</i>         | NA         |
| <i>Pinus Strobus strobiformis</i>   | NA     |  | <i>Juniperus deppeana</i>           | NA         |
| <i>Pinus Strobus cembroides</i>     | NA     |  | <i>Juniperus ashei</i>              | NA         |
| <i>Pinus Strobus edulis</i>         | NA     |  | <i>Juniperus occidentalis</i>       | NA         |
| <i>Pinus Strobus quadrifolia</i>    | NA     |  | <i>Juniperus osteosperma</i>        | NA         |
| <i>Pinus Strobus monophylla</i>     | NA     |  | <i>Juniperus californica</i>        | NA         |
| <i>Pinus Strobus discolor</i>       | NA     |  | <i>Juniperus monosperma</i>         | NA         |
| <i>Pinus Strobus balfouriana</i>    | NA     |  | <i>Juniperus coahuilensis</i>       | NA         |
| <i>Pinus Strobus aristata</i>       | NA     |  | <i>Juniperus pinchotii</i>          | NA         |
| <i>Pinus Strobus longaeva</i>       | NA     |  | <i>Juniperus erythrocarpa</i>       | NA         |
| <i>Pinus Pinus resinosa</i>         | NA     |  | <i>Callitris glaucophylla</i>       | AU         |
| <i>Pinus Pinus nigra</i>            | AS, EU |  |                                     |            |
| <i>Pinus Pinus mugo</i>             | EU     |  | <b>Order: Taxales</b>               |            |
| <i>Pinus Pinus pinea</i>            | EU     |  | <b>Family: Taxaceae</b>             |            |
| <i>Pinus Pinus halepensis</i>       | EU     |  | <i>Taxus brevifolia</i>             | NA         |
| <i>Pinus Pinus sylvestris</i>       | AS, EU |  | <i>Taxus floridana</i>              | NA         |
| <i>Pinus Pinus thunbergiana</i>     | AS     |  | <i>Torreya californica</i>          | NA         |
| <i>Pinus Pinus palustris</i>        | NA     |  | <i>Torreya taxifolia</i>            | NA         |
| <i>Pinus Pinus taeda</i>            | NA     |  |                                     |            |

Continued

Table 4.—Continued

|                                 |            |                                            |     |
|---------------------------------|------------|--------------------------------------------|-----|
| <b>Class: Magnoliopsida</b>     |            | <i>Morus alba</i>                          | AS  |
| <b>Subclass: Magnoliidae</b>    |            | <i>Morus alba</i> var. <i>tatarica</i>     | AS  |
| <b>Order: Magnoliales</b>       |            | <i>Morus microphylla</i>                   | NA  |
| <b>Family: Magnoliaceae</b>     |            | <i>Morus nigra</i>                         | AS  |
| <i>Magnolia virginiana</i>      | NA         | <i>Morus rubra</i>                         | NA  |
| <i>Magnolia grandiflora</i>     | NA         | <i>Ficus aurea</i>                         | NA  |
| <i>Magnolia acuminata</i>       | NA         | <i>Ficus benjamina</i>                     | AS  |
| <i>Magnolia tripetala</i>       | NA         | <i>Ficus carica</i>                        | AS  |
| <i>Magnolia fraseri</i>         | NA         | <i>Ficus elastica</i>                      | AS  |
| <i>Magnolia macrophylla</i>     | NA         | <i>Ficus lyrata</i>                        | AF  |
| <i>Magnolia ashei</i>           | NA         |                                            |     |
| <i>Magnolia pyramidata</i>      | NA         | <b>Order: Leitneriales</b>                 |     |
| <i>Magnolia soulangeana</i>     | AS         | <b>Family: Leitneriaceae</b>               |     |
| <i>Liriodendron tulipifera</i>  | NA         | <i>Leitneria floridana</i>                 | NA  |
|                                 |            |                                            |     |
| <b>Family: Annonaceae</b>       |            | <b>Order: Juglandales</b>                  |     |
| <i>Annona glabra</i>            | NA, SA     | <b>Family: Juglandaceae</b>                |     |
| <i>Asimina triloba</i>          | NA         | <i>Juglans californica</i>                 | NA  |
|                                 |            | <i>Juglans cinerea</i>                     | NA  |
| <b>Family: Canellaceae</b>      |            | <i>Juglans hindsii</i>                     | NA  |
| <i>Canella winterana</i>        | NA, SA     | <i>Juglans major</i>                       | NA  |
|                                 |            | <i>Juglans microcarpa</i>                  | NA  |
| <b>Order: Laurales</b>          |            | <i>Juglans nigra</i>                       | NA  |
| <b>Family: Calycanthaceae</b>   |            | <i>Carya illinoensis</i>                   | NA  |
| <i>Calycanthus floridus</i>     | NA         | <i>Carya cordiformis</i>                   | NA  |
|                                 |            | <i>Carya aquatica</i>                      | NA  |
| <b>Family: Lauraceae</b>        |            | <i>Carya laciniosa</i>                     | NA  |
| <i>Persea americana</i>         | NA         | <i>Carya tomentosa</i>                     | NA  |
| <i>Persea borbonia</i>          | NA         | <i>Carya ovata</i>                         | NA  |
| <i>Sassafras albidum</i>        | NA         | <i>Carya ovalis</i>                        | NA  |
| <i>Lindera benzoin</i>          | NA         | <i>Carya glabra</i>                        | NA  |
| <i>Cinnamomum camphora</i>      | AS         | <i>Carya myristiciformis</i>               | NA  |
| <i>Umbellularia californica</i> | NA         | <i>Carya texana</i>                        | NA  |
|                                 |            | <i>Carya pallida</i>                       | NA  |
| <b>Subclass: Hamamelidae</b>    |            | <i>Carya floridana</i>                     | NA  |
| <b>Order: Hamamelidales</b>     |            | <i>Carya</i> spp.                          | AS, |
| <b>Family: Platanaceae</b>      |            |                                            |     |
| <i>Platanus occidentalis</i>    | NA         | <b>Order: Myricales</b>                    |     |
| <i>Platanus orientalis</i>      | AS, EU     | <b>Family: Myricaceae</b>                  |     |
| <i>Platanus racemosa</i>        | NA         | <i>Myrica californica</i>                  | NA  |
| <i>Platanus wrightii</i>        | NA         | <i>Myrica cerifera</i>                     | NA  |
|                                 |            | <i>Psidium guajava</i>                     | NA, |
| <b>Family: Hamamelidaceae</b>   |            |                                            |     |
| <i>Liquidambar styraciflua</i>  | NA         | <b>Order: Fagales</b>                      |     |
| <i>Hamamelis virginiana</i>     | NA         | <b>Family: Fagaceae</b>                    |     |
|                                 |            | <i>Fagus grandifolia</i>                   | NA  |
| <b>Order: Urticales</b>         |            | <i>Fagus sylvatica</i>                     | AS, |
| <b>Family: Ulmaceae</b>         |            | <i>Castanea dentata</i>                    | NA  |
| <i>Ulmus alata</i>              | NA         | <i>Castanea ozarkensis</i>                 | NA  |
| <i>Ulmus americana</i>          | NA         | <i>Castanea pumila</i>                     | NA  |
| <i>Ulmus crassifolia</i>        | NA         | <i>Castanopsis chrysophylla</i>            | NA  |
| <i>Ulmus glabra</i>             | AS, EU     | <i>Lithocarpus densiflorus</i>             | NA  |
| <i>Ulmus parvifolia</i>         | AS         | <i>Quercus eucobalanus alba</i>            | NA  |
| <i>Ulmus procera</i>            | EU         | <i>Quercus eucobalanus stellata</i>        | NA  |
| <i>Ulmus pumila</i>             | AS         | <i>Quercus eucobalanus margaretta</i>      | NA  |
| <i>Ulmus rubra</i>              | NA         | <i>Quercus Leucobalanus lyrata</i>         | NA  |
| <i>Ulmus serotina</i>           | NA         | <i>Quercus Leucobalanus macrocarpa</i>     | NA  |
| <i>Ulmus thomasi</i>            | NA         | <i>Quercus Leucobalanus bicolor</i>        | NA  |
| <i>Ulmus</i> spp.               | AS, EU, NA | <i>Quercus Leucobalanus michauxii</i>      | NA  |
| <i>Planera aquatica</i>         | NA         | <i>Quercus Leucobalanus prinus</i>         | NA  |
| <i>Trema micrantha</i>          | NA, SA     | <i>Quercus Leucobalanus muehlenbergii</i>  | NA  |
| <i>Celtis laevigata</i>         | NA         | <i>Quercus Leucobalanus prinoides</i>      | NA  |
| <i>Celtis occidentalis</i>      | NA         | <i>Quercus Leucobalanus gambetii</i>       | NA  |
| <i>Celtis tenuifolia</i>        | NA         | <i>Quercus Leucobalanus durandii</i>       | NA  |
|                                 |            | <i>Quercus Leucobalanus oglethorpensis</i> | NA  |
| <b>Family: Moraceae</b>         |            | <i>Quercus Leucobalanus austrina</i>       | NA  |
| <i>Maclura pomifera</i>         | NA         | <i>Quercus Leucobalanus douglasii</i>      | NA  |
| <i>Broussonetia papyrifera</i>  | AS         | <i>Quercus Leucobalanus lobata</i>         | NA  |

Table 4.—Continued

|                                             |        |                                          |            |
|---------------------------------------------|--------|------------------------------------------|------------|
| <i>Quercus Leucobalanus garryana</i>        | NA     | <b>Order:</b> Caryophyllales             |            |
| <i>Quercus Leucobalanus engelmannii</i>     | NA     | <b>Family:</b> Cactaceae                 |            |
| <i>Quercus Leucobalanus suber</i>           | AF, EU | <i>Cereus giganteus</i>                  | NA         |
| <i>Quercus Erythrobalanus imbricaria</i>    | NA     | <b>Order:</b> Polygonales                |            |
| <i>Quercus Erythrobalanus cinerea</i>       | NA     | <b>Family:</b> Polygonaceae              |            |
| <i>Quercus Erythrobalanus phellos</i>       | NA     | <i>Coccoloba diversifolia</i>            | NA         |
| <i>Quercus Erythrobalanus laurifolia</i>    | NA     | <i>Coccoloba uvifera</i>                 | NA, SA     |
| <i>Quercus Erythrobalanus hemisphaerica</i> | NA     |                                          |            |
| <i>Quercus Erythrobalanus nigra</i>         | NA     | <b>Subclass:</b> Dilleniidae             |            |
| <i>Quercus Erythrobalanus marilandica</i>   | NA     | <b>Order:</b> Theales                    |            |
| <i>Quercus Erythrobalanus ilicifolia</i>    | NA     | <b>Family:</b> Theaceae                  |            |
| <i>Quercus Erythrobalanus pagoda</i>        | NA     | <i>Gordonia lasianthus</i>               | NA         |
| <i>Quercus Erythrobalanus falcata</i>       | NA     | <i>Stewartia ovata</i>                   | NA         |
| <i>Quercus Erythrobalanus laevis</i>        | NA     | <i>Stewartia koreana</i>                 | NA         |
| <i>Quercus Erythrobalanus virginiana</i>    | NA     |                                          |            |
| <i>Quercus Erythrobalanus chrysolepis</i>   | NA     | <b>Order:</b> Malvales                   |            |
| <i>Quercus Erythrobalanus wislizenii</i>    | NA     | <b>Family:</b> Tiliaceae                 |            |
| <i>Quercus Erythrobalanus velutina</i>      | NA     | <i>Tilia americana</i>                   | NA         |
| <i>Quercus Erythrobalanus rubra</i>         | NA     | <i>Tilia caroliniana</i>                 | NA         |
| <i>Quercus Erythrobalanus palustris</i>     | NA     | <i>Tilia cordata</i>                     | EU         |
| <i>Quercus Erythrobalanus shumardii</i>     | NA     | <i>Tilia europaea</i>                    | EU         |
| <i>Quercus Erythrobalanus ellipsoidalis</i> | NA     | <i>Tilia floridana</i>                   | NA         |
| <i>Quercus Erythrobalanus coccinea</i>      | NA     | <i>Tilia heterophylla</i>                | NA         |
| <i>Quercus Erythrobalanus arizonica</i>     | NA     |                                          |            |
| <i>Quercus Erythrobalanus emoryi</i>        | NA     | <b>Family:</b> Sterculiaceae             |            |
| <i>Quercus Erythrobalanus dunnii</i>        | NA     | <i>Firmiana simplex</i>                  | AS         |
| <i>Quercus Erythrobalanus kellooggii</i>    | NA     |                                          |            |
| <i>Quercus Erythrobalanus agrifolia</i>     | NA     | <b>Family:</b> Malvaceae                 |            |
| <i>Quercus Erythrobalanus grisea</i>        | NA     | <i>Hibiscus rosa-sinensis</i>            | AS         |
| <i>Quercus Erythrobalanus oblongifolia</i>  | NA     | <i>Hibiscus tiliaceus</i>                | AS         |
| <i>Quercus Erythrobalanus hypoleucoides</i> | NA     |                                          |            |
| <i>Quercus Erythrobalanus chapmanii</i>     | NA     | <b>Order:</b> Violales                   |            |
| <i>Quercus Erythrobalanus incana</i>        | NA     | <b>Family:</b> Tamaricaceae              |            |
| <i>Quercus Erythrobalanus myrtifolia</i>    | NA     | <i>Tamarix parviflora</i>                | EU, AS     |
| <i>Quercus Erythrobalanus nuttallii</i>     | NA     |                                          |            |
| <b>Family:</b> Betulaceae                   |        | <b>Family:</b> Caricaceae                |            |
| <i>Corylus americana</i>                    | NA     | <i>Carica papaya</i>                     | NA, SA     |
| <i>Corylus avellana</i>                     | EU     |                                          |            |
| <i>Corylus cornuta</i>                      | NA     | <b>Order:</b> Salicales                  |            |
| <i>Ostrya knowltonii</i>                    | NA     | <b>Family:</b> Salicaceae                |            |
| <i>Ostrya virginiana</i>                    | NA     | <i>Populus alba</i>                      | AS, EU     |
| <i>Carpinus caroliniana</i>                 | NA     | <i>Populus angustifolia</i>              | NA         |
| <i>Betula alba</i>                          | AS, EU | <i>Populus balsamitera</i>               | NA         |
| <i>Betula alleghaniensis</i>                | NA     | <i>Populus deltoides</i>                 | NA         |
| <i>Betula lenta</i>                         | NA     | <i>Populus fremontii</i>                 | NA         |
| <i>Betula nigra</i>                         | NA     | <i>Populus grandidentata</i>             | NA         |
| <i>Betula occidentalis</i>                  | NA     | <i>Populus heterophylla</i>              | NA         |
| <i>Betula papyrifera</i>                    | NA     | <i>Populus nigra</i> var. <i>italica</i> | AS, EU     |
| <i>Betula pendula</i>                       | AS, EU | <i>Populus sargentii</i>                 | NA         |
| <i>Betula populifolia</i>                   | NA     | <i>Populus tremuloides</i>               | NA         |
| <i>Betula pumila</i>                        | NA     | <i>Populus trichocarpa</i>               | NA         |
| <i>Betula verrucosa</i>                     | AS, EU | <i>Populus spp.</i>                      | AS, EU, NA |
| <i>Alnus maritima</i>                       | NA     | <i>Salix caroliniana</i>                 | NA         |
| <i>Alnus oblongifolia</i>                   | NA     | <i>Salix amygdaloides</i>                | NA         |
| <i>Alnus rhombifolia</i>                    | NA     | <i>Salix nigra</i>                       | NA         |
| <i>Alnus rubra</i>                          | NA     | <i>Salix lucida</i>                      | NA         |
| <i>Alnus rugosa</i>                         | NA     | <i>Salix pentandra</i>                   | EU         |
| <i>Alnus serrulata</i>                      | NA     | <i>Salix alba</i>                        | AF, AS, EU |
| <i>Alnus sinuata</i>                        | NA     | <i>Salix alba</i> var. <i>tristis</i>    | AF, AS, EU |
| <i>Alnus tenuifolia</i>                     | NA     | <i>Salix fragilis</i>                    | AS, EU     |
| <b>Order:</b> Casuarinales                  |        | <i>Salix babylonica</i>                  | AS         |
| <b>Family:</b> Casuarinaceae                |        | <i>Salix exigua</i>                      | NA         |
| <i>Casuarina equisetifolia</i>              | AS, AU | <i>Salix bebbiana</i>                    | NA         |
| <i>Casuarina stricta</i>                    | AU     | <i>Salix scoulerana</i>                  | NA         |
|                                             |        | <i>Salix eriocephala</i>                 | NA         |
| <b>Subclass:</b> Caryophyllidae             |        | <i>Salix cordata</i>                     | NA         |
|                                             |        | <i>Salix discolor</i>                    | NA         |

Continued

Table 4.—Continued

|                                     |            |                                               |                |
|-------------------------------------|------------|-----------------------------------------------|----------------|
| <i>Salix viminalis</i>              | AS, EU     | <i>Prunus caroliniana</i>                     | NA             |
| <i>Salix alaxensis</i>              | AS, NA     | <i>Prunus cerasifera</i> var. <i>pissardi</i> | AS             |
| <i>Salix bonplandiana</i>           | NA         | <i>Prunus domestica</i>                       | AS             |
| <i>Salix hookerana</i>              | NA         | <i>Prunus emarginata</i>                      | NA             |
| <i>Salix laevigata</i>              | NA         | <i>Prunus fremontii</i>                       | NA             |
| <i>Salix lasiandra</i>              | NA         | <i>Prunus glandulosa</i>                      | AS             |
| <i>Salix lasiolepis</i>             | NA         | <i>Prunus hortulana</i>                       | NA             |
| <i>Salix mackenzieana</i>           | NA         | <i>Prunus japonica</i>                        | AS             |
| <i>Salix taxifolia</i>              | NA         | <i>Prunus laurocerasus</i>                    | AS, EU         |
| <b>Order: Capparales</b>            |            | <i>Prunus lyonii</i>                          | NA             |
| <b>Family: Capparaceae</b>          |            | <i>Prunus maritima</i>                        | NA             |
| <i>Capparis cynophallophora</i>     | NA, SA     | <i>Prunus mexicana</i>                        | NA             |
| <b>Order: Ericales</b>              |            | <i>Prunus munsoniana</i>                      | NA             |
| <b>Family: Cyrillaceae</b>          |            | <i>Prunus myrtifolia</i>                      | NA, SA         |
| <i>Cliftonia monophylla</i>         | NA         | <i>Prunus nigra</i>                           | NA             |
| <i>Cyrilla racemiflora</i>          | NA, SA     | <i>Prunus padus</i>                           | EU, AS         |
| <b>Family: Clethraceae</b>          |            | <i>Prunus pensylvanica</i>                    | NA             |
| <i>Clethra alnifolia</i>            | NA         | <i>Prunus persica</i>                         | AS             |
| <b>Family: Ericaceae</b>            |            | <i>Prunus pumila</i>                          | NA             |
| <i>Arbutus arizonica</i>            | NA         | <i>Prunus serotina</i>                        | NA             |
| <i>Arbutus menziesii</i>            | NA         | <i>Prunus spinosa</i>                         | AS, EU         |
| <i>Arbutus texana</i>               | NA         | <i>Prunus subcordata</i>                      | NA             |
| <i>Arbutus unedo</i>                | EU         | <i>Prunus umbellata</i>                       | NA             |
| <i>Elliottia racemosa</i>           | NA         | <i>Prunus virginiana</i>                      | NA             |
| <i>Lyonia ferruginea</i>            | NA         | <i>Prunus</i> spp.                            | AS, EU, NA, SA |
| <i>Oxydendrum arboreum</i>          | NA         | <i>Pyrus angustifolia</i>                     | NA             |
| <b>Order: Ebenales</b>              |            | <i>Pyrus communis</i>                         | AS, EU         |
| <b>Family: Sapotaceae</b>           |            | <i>Pyrus coronaria</i>                        | NA             |
| <i>Manilkara bahamensis</i>         | NA         | <i>Pyrus fusca</i>                            | NA             |
| <i>Bumelia lanuginosa</i>           | NA         | <i>Pyrus ioensis</i>                          | NA             |
| <i>Chrysophyllum oliviforme</i>     | NA         | <i>Pyrus malus</i>                            | AS, EU         |
| <i>Dipholis salicifolia</i>         | NA         | <i>Pyrus</i> spp.                             | EU, NA         |
| <i>Mastichodendron oetidissimum</i> | NA         | <i>Chaenomeles lagenaria</i>                  | AS             |
| <b>Family: Ebenaceae</b>            |            | <i>Cydonia oblonga</i>                        | AS             |
| <i>Diospyros texana</i>             | NA         | <i>Eriobotrya japonica</i>                    | AS             |
| <i>Diospyros virginiana</i>         | NA         | <i>Heteromeles arbutifolia</i>                | NA             |
| <b>Family: Styracaceae</b>          |            | <i>Sorbus americana</i>                       | NA             |
| <i>Halesia carolina</i>             | NA         | <i>Sorbus aucuparia</i>                       | AS, EU         |
| <b>Family: Symplocaceae</b>         |            | <i>Amelanchier alnifolia</i>                  | NA             |
| <i>Symplocos tinctoria</i>          | NA         | <i>Amelanchier arborea</i>                    | NA             |
| <b>Order: Primulales</b>            |            | <i>Amelanchier canadensis</i>                 | NA             |
| <b>Family: Myrsinaceae</b>          |            | <i>Amelanchier laevis</i>                     | NA             |
| <i>Ardisia eschallonioides</i>      | NA         | <i>Amelanchier</i> spp.                       | NA             |
| <i>Ardisia japonica</i>             | AS         | <i>Crataegus berberifolia</i>                 | NA             |
| <i>Rapanea guianensis</i>           | NA         | <i>Crataegus brachyacantha</i>                | NA             |
| <b>Subclass: Rosidae</b>            |            | <i>Crataegus coccinea</i>                     | NA             |
| <b>Order: Rosales</b>               |            | <i>Crataegus crus-galli</i>                   | NA             |
| <b>Family: Rosaceae</b>             |            | <i>Crataegus douglasii</i>                    | NA             |
| <i>Spiraea bumalda</i>              | AS         | <i>Crataegus intricata</i>                    | NA             |
| <i>Rosa bracteata</i>               | AS         | <i>Crataegus marshallii</i>                   | NA             |
| <i>Rosa eglanteria</i>              | EU         | <i>Crataegus mollis</i>                       | NA             |
| <i>Rosa setigera</i>                | NA         | <i>Crataegus monogyna</i>                     | AS, EU         |
| <i>Rosa</i> spp.                    | AS, EU, NA | <i>Crataegus opaca</i>                        | NA             |
| <i>Prunus alleghaniensis</i>        | NA         | <i>Crataegus oxyacantha</i>                   | AF, EU         |
| <i>Prunus americana</i>             | NA         | <i>Crataegus pruinosa</i>                     | NA             |
| <i>Prunus armeniaca</i> AS          |            | <i>Crataegus saligna</i>                      | NA             |
| <i>Prunus angustifolia</i>          | NA         | <i>Crataegus spathulata</i>                   | NA             |
| <i>Prunus avium</i>                 | AS, EU     | <i>Crataegus</i> spp.                         | AF, AS, EU, NA |
|                                     |            | <i>Cercocarpus betuloides</i>                 | NA             |
|                                     |            | <i>Cercocarpus breviflorus</i>                | NA             |
|                                     |            | <i>Cercocarpus intricatus</i>                 | NA             |
|                                     |            | <i>Cercocarpus ledifolius</i>                 | NA             |
|                                     |            | <i>Cercocarpus montanus</i>                   | NA             |
|                                     |            | <i>Chrysobalanus icaco</i>                    | AF, NA, SA     |
|                                     |            | <i>Cowania mexicana</i>                       | NA             |
|                                     |            | <i>Lyonothamnus floribundus</i>               | NA             |
|                                     |            | <i>Mespilus germanica</i>                     | AS, EU         |

Continued

Table 4.—Continued

|                                 |            |                                |            |
|---------------------------------|------------|--------------------------------|------------|
| <i>Photinia glabra</i>          | AS         | <i>Eucalyptus sideroxylon</i>  | AU         |
| <i>Photinia serrulata</i>       | AS         | <i>Eucalyptus tereticornis</i> | AU         |
| <i>Photinia</i> spp.            | AS         | <i>Eucalyptus</i> spp.         | AU         |
| <i>Pyracantha coccinea</i>      | AS, EU     | <i>Melaleuca decussata</i>     | AU         |
| <i>Vauquelinia californica</i>  | NA         | <i>Melaleuca quinquenervia</i> | AU         |
|                                 |            | <i>Calyptanthus pallens</i>    | NA         |
|                                 |            | <i>Calyptanthus zuzygium</i>   | NA         |
| <b>Order: Fabaies</b>           |            |                                |            |
| <b>Family: Mimosaceae</b>       |            |                                |            |
| <i>Albizia julibrissin</i>      | AS         | <b>Family: Punicaceae</b>      |            |
|                                 |            | <i>Punica granatum</i>         | AS, EU     |
| <b>Family: Caesalpinaceae</b>   |            |                                |            |
| <i>Cercis canadensis</i>        | NA         | <b>Family: Combretaceae</b>    |            |
| <i>Cercis occidentalis</i>      | NA         | <i>Conocarpus erectus</i>      | AF, NA, SA |
| <i>Gleditsia aquatica</i>       | NA         | <i>Laguncularia racemosa</i>   | AF, NA, SA |
| <i>Gleditsia triacanthos</i>    | NA         |                                |            |
| <i>Gymnocladus dioica</i>       | NA         | <b>Order: Rhizophorales</b>    |            |
|                                 |            | <b>Family: Rhizophoraceae</b>  |            |
| <b>Family: Fabaceae</b>         |            | <i>Rhizophora mangle</i>       | AF, NA, SA |
| <i>Cladrastis lutea</i>         | NA         |                                |            |
| <i>Robinia neomexicana</i>      | NA         | <b>Order: Cornales</b>         |            |
| <i>Robinia pseudoacacia</i>     | NA         | <b>Family: Nyssaceae</b>       |            |
| <i>Robinia viscosa</i>          | NA         | <i>Nyssa aquatica</i>          | NA         |
| <i>Robinia</i> spp.             | NA         | <i>Nyssa biflora</i>           | NA         |
| <i>Acacia baileyana</i>         | AU         | <i>Nyssa ogeche</i>            | NA         |
| <i>Acacia farnesiana</i>        | NA         | <i>Nyssa sylvatica</i>         | NA         |
| <i>Acacia greggii</i>           | NA         |                                |            |
| <i>Acacia koa</i>               | NA         | <b>Family: Comaceae</b>        |            |
| <i>Acacia longifolia</i>        | AU         | <i>Comus alternifolia</i>      | NA         |
| <i>Acacia tortuosa</i>          | NA, SA     | <i>Comus drummondii</i>        | NA         |
| <i>Acacia wrightii</i>          | NA         | <i>Comus florida</i>           | NA         |
| <i>Acacia</i> spp.              | AU, NA, SA | <i>Comus nuttallii</i>         | NA         |
| <i>Caragana arborescens</i>     | AS         | <i>Comus racemosa</i>          | NA         |
| <i>Cercidium floridum</i>       | NA         | <i>Comus rugosa</i>            | NA         |
| <i>Cercidium microphyllum</i>   | NA         | <i>Comus stolonifera</i>       | NA         |
| <i>Dalea spinosa</i>            | NA         | <i>Comus</i> spp.              | NA         |
| <i>Erythrina herbacea</i>       | NA         |                                |            |
| <i>Olneya tesota</i>            | NA         | <b>Family: Garryaceae</b>      |            |
| <i>Lysiloma latisiliquum</i>    | NA         | <i>Garrya fremontii</i>        | NA         |
| <i>Parkinsonia aculeata</i>     | NA         |                                |            |
| <i>Piscidia piscipula</i>       | NA         | <b>Order: Santalales</b>       |            |
| <i>Prosopis glandulosa</i>      | NA         | <b>Family: Olacaceae</b>       |            |
| <i>Prosopis pubescens</i>       | NA         | <i>Ximenia americana</i>       | NA, SA     |
| <i>Sophora affinis</i>          | NA         |                                |            |
| <i>Sophora japonica</i>         | AS         | <b>Order: Celastrales</b>      |            |
| <i>Sophora secundiflora</i>     | NA         | <b>Family: Celastraceae</b>    |            |
|                                 |            | <i>Canotia holacantha</i>      | NA         |
| <b>Order: Proteales</b>         |            | <i>Euonymus atropurpureus</i>  | NA         |
| <b>Family: Elaeagnaceae</b>     |            | <i>Euonymus europaeus</i>      | AS, EU     |
| <i>Elaeagnus angustifolia</i>   | AS, EU     | <i>Euonymus japonicus</i>      | AS         |
|                                 |            | <i>Euonymus occidentalis</i>   | NA         |
| <b>Family: Proteaceae</b>       |            | <i>Gyminda latifolia</i>       | NA         |
| <i>Grevillea 'noeltii'</i>      | AU         |                                |            |
| <i>Grevillea robusta</i>        | AU         | <b>Family: Aquifoliaceae</b>   |            |
| <i>Hakea</i> spp.               | AU         | <i>Ilex aquifolium</i>         | AS, EU     |
|                                 |            | <i>Ilex cassine</i>            | NA         |
| <b>Order: Myrtales</b>          |            | <i>Ilex coriacea</i>           | NA         |
| <b>Family: Myrtaceae</b>        |            | <i>Ilex decidua</i>            | NA         |
| <i>Eucalyptus botryiodes</i>    | AU         | <i>Ilex glabra</i>             | NA         |
| <i>Eucalyptus camaldulensis</i> | AU         | <i>Ilex krugiana</i>           | NA         |
| <i>Eucalyptus camphora</i>      | AU         | <i>Ilex montana</i>            | NA         |
| <i>Eucalyptus cinerea</i>       | AU         | <i>Ilex opaca</i>              | NA         |
| <i>Eucalyptus diversifolia</i>  | AU         | <i>Ilex verticillata</i>       | NA         |
| <i>Eucalyptus globulus</i>      | AU         | <i>Ilex vomitoria</i>          | NA         |
| <i>Eucalyptus gunnii</i>        | AU         |                                |            |
| <i>Eucalyptus leucoxylon</i>    | AU         | <b>Order: Euphorbiales</b>     |            |
| <i>Eucalyptus polyanthemus</i>  | AU         | <b>Family: Euphorbiaceae</b>   |            |
| <i>Eucalyptus pulchella</i>     | AU         | <i>Drypetes lateriflora</i>    | NA         |
| <i>Eucalyptus rudis</i>         | AU         | <i>Gymnanthes lucida</i>       | NA         |

Continued

Table 4.—Continued

|                                 |            |                                   |            |
|---------------------------------|------------|-----------------------------------|------------|
| <i>Hippomane mancinella</i>     | NA, SA     | <i>Rhus integrifolia</i>          | NA         |
| <i>Sapium sebiferum</i>         | AS         | <i>Rhus glabra</i>                | NA         |
|                                 |            | <i>Rhus typhina</i>               | NA         |
| Order: Rhamnales                |            | <i>Schinus molle</i>              | NA, SA     |
| Family: Rhamnaceae              |            | <i>Toxicodendron vernix</i>       | NA         |
| <i>Ceanothus arboreus</i>       | NA         |                                   |            |
| <i>Ceanothus integerrimus</i>   | NA         | Family: Simaroubaceae             |            |
| <i>Ceanothus maritimus</i>      | NA         | <i>Ailanthus altissima</i>        | AS         |
| <i>Ceanothus spinosus</i>       | NA         | <i>Alvaradoa amorphoides</i>      | NA         |
| <i>Ceanothus thyrsiflorus</i>   | NA         | <i>Picramnia pentandra</i>        | NA, SA     |
| <i>Ceanothus spp.</i>           | NA         | <i>Simarouba glauca</i>           | NA         |
| <i>Colubrina elliptica</i>      | NA         |                                   |            |
| <i>Rhamnus californica</i>      | NA         | Family: Meliaceae                 |            |
| <i>Rhamnus caroliniana</i>      | NA         | <i>Melia azedarach</i>            | AS         |
| <i>Rhamnus cathartica</i>       | AS, EU     | <i>Swietenia mahogani</i>         | NA         |
| <i>Rhamnus frangula</i>         | AF, AS, EU |                                   |            |
| <i>Rhamnus purshiana</i>        | NA         | Family: Rutaceae                  |            |
| <i>Reynodendron ferreum</i>     | NA         | <i>Zanthoxylum americanum</i>     | NA         |
| <i>Reynosia septentrionalis</i> | NA         | <i>Zanthoxylum clava-herculis</i> | NA         |
|                                 |            | <i>Zanthoxylum fagara</i>         | NA, SA     |
| Order: Sapindales               |            | <i>Zanthoxylum flavum</i>         | NA         |
| Family: Sapindaceae             |            | <i>Amyris elemifera</i>           | NA         |
| <i>Exothea paniculata</i>       | NA         | <i>Citrus aurantifolia</i>        | AS         |
| <i>Sapindus drummondii</i>      | NA         | <i>Citrus limon</i>               | AS         |
| <i>Sapindus marginatus</i>      | NA         | <i>Citrus sinensis</i>            | AS         |
| <i>Sapindus saponaria</i>       | NA, SA     | <i>Ptelea trifoliata</i>          | NA         |
|                                 |            |                                   |            |
| Family: Hippocastanaceae        |            | Family: Zygophyllaceae            |            |
| <i>Aesculus californica</i>     | NA         | <i>Guaiacum sanctum</i>           | NA         |
| <i>Aesculus glabra</i>          | NA         |                                   |            |
| <i>Aesculus hippocastanum</i>   | AS, EU     | Order: Apiales                    |            |
| <i>Aesculus octandra</i>        | NA         | Family: Araliaceae                |            |
| <i>Aesculus pavia</i>           | NA         | <i>Aralia spinosa</i>             | NA         |
| <i>Aesculus sylvatica</i>       | NA         | <i>Fatsia japonica</i>            | AS         |
| <i>Aleurites fordii</i>         | AS         |                                   |            |
|                                 |            | Subclass: Asteridae               |            |
| Family: Aceraceae               |            | Order: Lamiales                   |            |
| <i>Acer barbatum</i>            | NA         | Family: Boraginaceae              |            |
| <i>Acer campestre</i>           | AS, EU     | <i>Bouyeria ovata</i>             | NA         |
| <i>Acer circinatum</i>          | NA         | <i>Cordia sebestena</i>           | NA, SA     |
| <i>Acer glinnala</i>            | AS         |                                   |            |
| <i>Acer glabrum</i>             | NA         | Family: Verbenaceae               |            |
| <i>Acer grandidentatum</i>      | NA         | <i>Avicennia germinans</i>        | AF, NA, SA |
| <i>Acer japonicum</i>           | AS         | <i>Citharexylum fruticosum</i>    | NA, SA     |
| <i>Acer leucoderme</i>          | NA         |                                   |            |
| <i>Acer macrophyllum</i>        | NA         | Order: Scrophulariales            |            |
| <i>Acer negundo</i>             | NA         | Family: Oleaceae                  |            |
| <i>Acer nigrum</i>              | NA         | <i>Chionanthus virginicus</i>     | AS, NA     |
| <i>Acer palmatum</i>            | AS         | <i>Forestiera acuminata</i>       | NA         |
| <i>Acer pensylvanicum</i>       | NA         | <i>Fraxinus americana</i>         | NA         |
| <i>Acer platanoides</i>         | AS, EU     | <i>Fraxinus anomala</i>           | NA         |
| <i>Acer pseudoplatanus</i>      | AS, EU     | <i>Fraxinus caroliniana</i>       | NA         |
| <i>Acer rubrum</i>              | NA         | <i>Fraxinus cuspidata</i>         | NA         |
| <i>Acer saccharinum</i>         | NA         | <i>Fraxinus excelsior</i>         | AS, EU     |
| <i>Acer saccharum</i>           | NA         | <i>Fraxinus greggii</i>           | NA         |
| <i>Acer spicatum</i>            | NA         | <i>Fraxinus latifolia</i>         | NA         |
| <i>Acer tataricum</i>           | AS, EU     | <i>Fraxinus nigra</i>             | NA         |
|                                 |            | <i>Fraxinus pennsylvanica</i>     | NA         |
| Family: Burseraceae             |            | <i>Fraxinus profunda</i>          | NA         |
| <i>Bursera simaruba</i>         | NA, SA     | <i>Fraxinus quadrangulata</i>     | NA         |
|                                 |            | <i>Fraxinus texensis</i>          | NA         |
| Family: Anacardiaceae           |            | <i>Fraxinus velutina</i>          | NA         |
| <i>Cotinus coggygria</i>        | AS, EU     | <i>Fraxinus spp.</i>              | AS, EU, NA |
| <i>Cotinus obovatus</i>         | NA         | <i>Jasminum nudiflorum</i>        | AS         |
| <i>Metopium toxiferum</i>       | NA         | <i>Olea europaea</i>              | EU         |
| <i>Pistacia texana</i>          | NA         | <i>Osmanthus americanus</i>       | NA         |
| <i>Pistacia vera</i>            | AS, EU     |                                   |            |
| <i>Rhus copallina</i>           | NA         | Family: Bignoniaceae              |            |

Continued

Table 4.—Continued

|                                  |            |                                                 |                |
|----------------------------------|------------|-------------------------------------------------|----------------|
| <i>Amphitecna latifolia</i>      | NA, SA     | <i>Viburnum pubescens</i>                       | NA             |
| <i>Catalpa bignonioides</i>      | NA         | <i>Viburnum rhytidophyllum</i>                  | AS             |
| <i>Catalpa speciosa</i>          | NA         | <i>Viburnum tomentosum</i>                      | AS,            |
| <i>Catalpa</i> spp.              | AS, NA     | <i>Viburnum</i> spp.                            | AF, AS, EU, NA |
| <i>Chilopsis linearis</i>        | NA         | <i>Sambucus callicarpa</i>                      | NA             |
| <i>Paulownia tomentosa</i>       | AS         | <i>Sambucus canadensis</i>                      | NA             |
|                                  |            | <i>Abelia chinensis</i> var. <i>grandiflora</i> | AS             |
| <b>Order: Rubiales</b>           |            | <b>Class: Liliopsida</b>                        |                |
| <b>Family: Rubiaceae</b>         |            | <b>Subclass: Arecidae</b>                       |                |
| <i>Cephalanthus occidentalis</i> | NA         | <b>Order: Arecales</b>                          |                |
| <i>Exostema caribaeum</i>        | NA         | <b>Family: Arecaceae</b>                        |                |
| <i>Guettarda elliptica</i>       | NA, SA     | <i>Arecastrum romanzoffianum</i>                | SA             |
| <i>Guettarda scabra</i>          | NA, SA     | <i>Caryota urens</i>                            | AS             |
| <i>Pinckneya pubens</i>          | NA         | <i>Coccothrinax argentata</i>                   | NA             |
| <b>Order: Dipsacales</b>         |            | <i>Cocos nucifera</i>                           | AS             |
| <b>Family: Caprifoliaceae</b>    |            | <i>Acoelorrhaphe wrightii</i>                   | NA             |
| <i>Symphoricarpos albus</i>      | NA         | <i>Pseudophoenix sargentii</i>                  | NA             |
| <i>Viburnum acerifolium</i>      | NA         | <i>Roystonea elata</i>                          | NA             |
| <i>Viburnum ellipticum</i>       | NA         | <i>Sabal palmetto</i>                           | NA             |
| <i>Viburnum lantana</i>          | AS, EU     | <i>Thrinax microcarpa</i>                       | NA             |
| <i>Viburnum lentago</i>          | NA         | <i>Thrinax parviflora</i>                       | NA             |
| <i>Viburnum opulus</i>           | AF, AS, EU | <i>Adonidia merrillii</i>                       | AS             |
| <i>Viburnum prunifolium</i>      | NA         | <i>Washingtonia filifera</i>                    | NA             |