

## WOOD TECHNOLOGY

SOURCE: Panshin, A.J. and C. de Zeeuw. 1980. Textbook of Wood Technology. 4th edition. McGraw-Hill Book Co. New York.

NOTE: **RULE 3 states:** Only those woods given in “Key to Coniferous Woods - Gross Features” and “Key to Hardwoods - Gross Features” in Volume 1 (fourth edition) of the Textbook of Wood Technology by Panshin and de Zeeuw may be used as test material. In the event that they key does not differentiate between two or more species on this basis, the judges will advise the contestants as to which name to use. Latin names (genus and species) and common names will be required for answers. The use of a key during the contest is prohibited. Each school shall be sent a list of tree species from which the test will be given by January 1.

**RULE 10 states:** If a species name shows up on the dendrology, wildlife or wood identification lists, they will all have the same common name.

### SPECIES LIST ASFC CONCLAVE (3 pages)

#### HARDWOODS

Acer rubrum red maple (soft maple)  
Acer saccharum sugar maple (hard maple)  
Betula nigra river birch  
Carya ovata shagbark hickory  
Carya illinoensis pecan  
Celtis occidentalis hackberry  
Cornus florida flowering dogwood  
Diospyros virginiana (common) persimmon  
Fagus grandifolia American beech  
Fraxinus nigra black ash  
Ilex opaca American holly  
Juglans nigra black walnut  
Liquidambar styraciflua sweetgum  
Liriodendron tulipifera yellow-poplar  
Maclura pomifera Osage-orange  
Morus rubra red mulberry

#### HARDWOODS (continued)

Platanus occidentalis sycamore  
Populus deltoides cottonwood/aspen  
Prunus serotina black cherry  
Quercus spp. red oak  
Quercus spp. white oak  
Robinia pseudoacacia black locust  
Sassafras albidum sassafras  
Tilia americana basswood  
Ulmus americana American elm (soft elm)

Ulmus rubra slippery elm  
Ulmus alata winged elm (hard elm)

#### SOFTWOODS

Abies balsamea balsam fir  
Chamaecyparis lawsoniana Port-Orford-cedar  
Juniperus virginiana eastern redcedar  
Picea engelmannii Engelman spruce  
Pinus lambertiana sugar pine  
Pinus ponderosa ponderosa pine  
Pinus spp. white pine  
Pinus spp. southern yellow pine  
Pinus taeda loblolly pine  
Pseudotsuga menziesii Douglas-fir  
Sequoia sempervirens redwood  
Taxodium distichum baldcypress  
Thuja plicata western redcedar  
Tsuga spp. hemlock