WOOD TECHNOLOGY


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