

## Major Eastern Forest Type Groups:

**White-red-jack pine type** —Forests in which eastern white pine , red pine , or jack pine singly or in combination, comprise a plurality of the stocking. Common associates include hemlock , aspen, birch , and maple .

**Spruce-fir type** —Forests in which spruce or true firs, singly or in combination, comprise a plurality of the stocking. Common associates include white cedar , tamarack , birch , maple and hemlock .

**Elm-ash-cottonwood type** —Forests in which elms , ashes , or cottonwood , singly or in combination, comprise a plurality of the stocking. Common associates include willow, sycamore , American beech , and maples .

**Loblolly-shortleaf pine type** —Forest in which pines (except longleaf and slash pines) and eastern Red Cedar, singly or in combination, comprise a plurality of the stocking. Common associates include oaks , hickories , and gums.

**Longleaf-slash pine type** —Forests in which longleaf or slash pines, singly or in combination, comprise a plurality of the stocking. Common associates include other southern pines , oaks , and gums.

**Oak-gum-cypress type** —Bottomland forests in which tupelo, blackgum , sweetgum , oaks, or southern cypress , singly or in combination, comprise a plurality of the stocking except where pines comprise 25 to 49 percent, in which case the stand would be classified oak-pine. Common associates include cottonwoods, willows, ashes , elms , hackberry, and maples .

**Oak-hickory type** —Forests in which upland oaks or hickories , singly or in combination, comprise a plurality of the stocking, except where pines comprise 25 to 49 percent, in which case the stand would be classified oak-pine. Common associates include yellow-poplar, elms , maples , and black walnut.

**Oak-pine type** —Forests in which hardwoods (usually upland oaks) comprise a plurality of the stocking, but in which softwoods, except cypress, comprise 25 to 49 percent of the stocking. Common associates include gums, hickories , and yellow-poplar.

**Maple-beech-birch type** —Forests in which maple, beech , or yellow birch , singly or in combination, comprise a plurality of the stocking. Common associates include hemlock , elm , basswood , and white pine .

**Aspen-birch type** —Forests in which aspen, balsam poplar , paper birch , singly or in combination, comprise a plurality of the stocking. Common associates include maple and balsam fir .

## Major Western Forest Type Groups:

**Douglas-fir type** —Forests in which Douglas-fir comprises a plurality of the stocking. Common associates include western hemlock , western Red Cedar, the true firs, redwood , ponderosa pine , and larch .

**Hemlock-Sitka spruce type** —Forests in which western hemlock and/or Sitka spruce comprise a plurality of the stocking. Common associates include Douglas-fir, silver fir, and western Red Cedar.

**Redwood type** —Forests in which redwood comprises a plurality of the stocking. Common associates include Douglas-fir , grand fir, and tanoak.

**Ponderosa pine type** —Forest in which ponderosa pine comprises a plurality of the stocking. Common associates include Jeffery pine , sugar pine , limber pine, Arizona pine, Apache pine, Chihuahua pine, Douglas-fir , incense-cedar, and white fir .

**Western white pine type** —Forests in which western white pine comprises a plurality of the stocking. Common associates include other western Red Cedar, larch , white fir , Douglas-fir , lodgepole pine , and Engelmann spruce .

**Lodgepole pine type** —Forests in which lodgepole pine comprises a plurality of the stocking. Common associates include alpine fir, western white pine , Engelmann spruce , aspen, and larch .

**Larch type** —Forests in which western larch comprise a plurality of the stocking. Common associates include Douglas-fir , grand fir , western Red Cedar, and western white pine .

**Fir-spruce type** —Forests in which true firs, Engelmann spruce , or blue spruce, singly or in combination, comprise a plurality of the stocking. Common associates include mountain hemlock and lodgepole pine .

**Western hardwoods type** —Forests in which aspen, red alder, or other western hardwood, singly or in combination, comprise a plurality of the stocking.