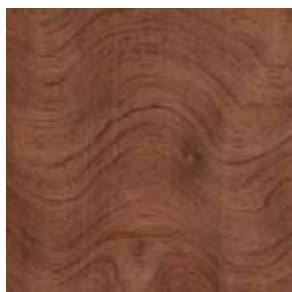
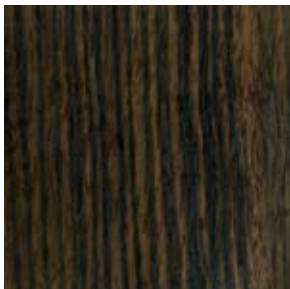
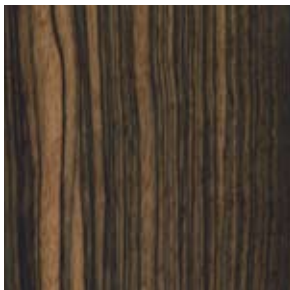


**Amaranth****Latin name:** *Peltogyne paniculata*, *Peltogyne spp.***Common name(s):** Purpleheart, Amarante, Violet Wood**Sources:** Tropical Central and South America**Characteristics:** Deep purple color. Grain is usually straight with some figure. Small deposits of white silica may be present.**Common cuts:** Plain sliced, Quarter sliced**Uses:** Decorative veneer and lumber for architectural millwork and occasional cabinetry.**Availability:** Reasonable availability depending on level of specification.**Price:** \$\$\$\$**Amarillo****Latin name:** *Machaerium villosum***Common name(s):** Jacaranda Pardo, Jacaranda Amarello**Sources:** Brazil**Characteristics:** Brown with orange to violet shades of late wood contrasted with dark early wood. Texture is coarse with figure present but not often prevalent.**Common cuts:** Plain sliced, Quarter sliced**Uses:** Furniture, cabinetry, molding and trim work, millwork, musical instruments.**Availability:** Reasonable availability depending on level of specification.**Price:** \$\$\$\$**Amazaque****Latin name:** *Guibourtia ehie***Common name(s):** Ovangkol, Amazakoue, Ehie, Anokye, Amazahoue, Hyeduanini**Sources:** Gabon, Ghana, Ivory Coast, Nigeria**Characteristics:** Medium to dark brown heart wood sometimes resembling walnut in color with light yellow sap wood. Grain is moderately coarse in texture, with sometimes pronounced and attractive figure.**Common cuts:** Quarter sliced, Plain sliced**Uses:** Decorative veneer and lumber for architectural millwork and occasional cabinetry.**Availability:** Reasonable availability depending on level of specification.**Price:** \$\$\$\$**Anigre, Figured****Latin name:** *Aningeria spp.***Common name(s):** Anegre, Anigre, Aningeria**Sources:** Tropical East and West Africa**Characteristics:** Light tan, sometimes creamy, occasionally light pink. Grain texture smooth, with occasional light silica inclusions. Figure ranges from unfigured to highly figured, often with a pronounced fiddleback.**Common cuts:** Plain sliced, Quarter sliced - Ribbon striped**Uses:** Decorative veneer and lumber for architectural millwork and occasional cabinetry.**Availability:** Abundant**Price:** \$\$-\$\$\$\$, depending on level of specification**Anigre, Plain****Latin name:** *Aningeria spp.***Common name(s):** Anegre, Anigre, Aningeria**Sources:** Tropical East and West Africa**Characteristics:** Light tan, sometimes creamy, occasionally light pink. Grain texture smooth, with occasional light silica inclusions. Figure ranges from unfigured to highly figured, often with a pronounced fiddleback.**Common cuts:** Plain sliced, Quarter sliced - Ribbon striped**Uses:** Decorative veneer and lumber for architectural millwork and occasional cabinetry.**Availability:** Abundant**Price:** \$\$-\$\$\$\$, depending on level of specification**Ash, Olive (Burl)****Latin name:** *Fraxinus excelsior***Common name(s):** Olive Ash, French, German, English, Polish, etc. Ash**Sources:** Europe, western Asia, North Africa**Characteristics:** As above, but with pronounced burl, swirly, and gnarly grain highly desirable for decorative millwork and inlays.**Common cuts:** Rotary, Half round, Plain sliced (rarely)**Uses:** Decorative millwork or inlay work.**Availability:** Reasonable**Price:** \$\$\$\$

**Ash, White Burl****Latin name:** *See Ash, White***Common name(s):** *See Ash, White***Sources:** USA and Canada**Characteristics:** *See Ash-White, but with pronounced burl, swirly, and gnarly grain highly prized for decorative millwork and inlays.***Common cuts:** Rotary, Half round, Plain sliced (rarely)**Uses:** Decorative millwork or inlay work.**Availability:** Reasonable availability depending on level of specification**Price:** \$\$\$**Ash, White, Flat Cut****Latin name:** *Fraxinus americana, F. pennsylvanica, F. nigra***Common name(s):** White Ash, Green or Red Ash, Black or Brown Ash**Sources:** USA and Canada**Characteristics:** Generally creamy sapwood with light tan to relatively brown heart wood. Typical grain pattern for rich porous wood with coarse early wood and smooth late wood. Figure may be present and can be intense.**Common cuts:** Rotary, Plain sliced, Quarter sliced**Uses:** Cabinetry, millwork, and molding.**Availability:** Abundant**Price:** \$\$**Ash, White, Quarter Cut****Latin name:** *Fraxinus americana, F. pennsylvanica, F. nigra***Common name(s):** White Ash, Green or Red Ash, Black or Brown Ash**Sources:** USA and Canada**Characteristics:** Generally creamy sapwood with light tan to relatively brown heart wood. Typical grain pattern for rich porous wood with coarse early wood and smooth late wood. Figure may be present and can be intense.**Common cuts:** Rotary, Plain sliced, Quarter sliced**Uses:** Cabinetry, millwork, and molding.**Availability:** Abundant**Price:** \$\$**Beech, American****Latin name:** *Fagus grandifolia***Common name(s):** Beech**Sources:** USA and Canada**Characteristics:** Very light sapwood with light pink to reddish brown heartwood, sometimes with a silvery sheen. More coarse than European Beech. Rays are slightly enlarged and will show up as flake when quarter sliced.**Common cuts:** Plain sliced, Rotary cut**Uses:** Kitchen Cabinetry, fine furniture, furniture frames, molding, paneling, chairs, flooring.**Availability:** Obtainable**Price:** \$\$**Beech, European****Latin name:** *Fagus sylvatica***Common name(s):** European Beech**Sources:** Europe**Characteristics:** Very light sapwood with pale pinkish brown heartwood, often made more uniformly brown through the log steaming process. Rays are slightly enlarged and will show up as flake when quarter sliced.**Common cuts:** Plain sliced, Rotary cut**Uses:** Institutional furniture, chairs, joinery, paneling, architectural millwork, specialty applications.**Availability:** Obtainable**Price:** \$\$\$**Birch****Latin name:** *Betula spp.***Common name(s):** White Birch, Yellow Birch, Red Birch**Sources:** USA and Canada**Characteristics:** Light tan to pale yellow sapwood with red to ruddy heart wood. Grain is tight and smooth with normal amounts of figure and other characteristics.**Common cuts:** Rotary (primarily), Plain sliced (available)**Uses:** Decorative veneer and lumber primarily for kitchen cabinetry and furniture. Excellent surface for painting.**Availability:** Abundant**Price:** \$

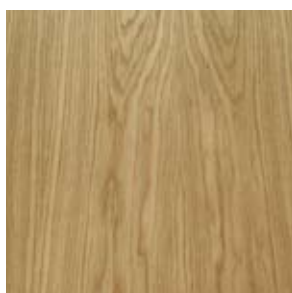
**Birch, Karelian Burl****Latin name:** *Betula pendula, B. alba, B. odorata***Common name(s):** English Birch, Burl Birch, Flame Birch**Sources:** Western Europe, Great Britain, to Scandanavia**Characteristics:** Typically distorted grain marked with burls, pin knots, color variation, heavy and varied figure patterns.**Common cuts:** Rotary cut, Plain sliced**Uses:** Accent inlay work, architectural millwork, fine furniture tops, automobile dashboards and other accent components.**Availability:** Obtainable**Price:** \$\$\$\$**Bosse****Latin name:** *Guarea cedrata***Common name(s):** Guarea**Sources:** Tropical West Africa to Uganda**Characteristics:** Pale brown to pinkish brown sapwood with dark brown to reddish brown heartwood. Occasional interlocked grain can produce mottled or draped figure patterns.**Common cuts:** Quarter sliced, Plain sliced**Uses:** Decorative veneer and lumber for architectural millwork and occasional cabinetry.**Availability:** Reasonable availability depending on level of specification**Price:** \$\$\$-\$\$\$\$ depending on specification**Bubinga, Quarter Cut****Latin name:** *Guibourtia demeusei***Common name(s):** African Rosewood, Kevasingo (when rotary cut), Kevazinga (RC), Buvenga**Sources:** West Africa**Characteristics:** Light to dark red to brown with purple hues. Grain is medium texture with minimum to heavy figure, often with distinct patterns such as quilted, waterfall, and chevron.**Common cuts:** Plain sliced, Rotary Cut (Called Kevizingo when RC), Quarter Sliced**Uses:** Decorative veneer and lumber for architectural millwork and occasional cabinetry.**Availability:** Reasonable availability depending on level of specification**Price:** \$\$\$**Bubinga, Quarter Figured****Latin name:** *Guibourtia demeusei***Common name(s):** African Rosewood, Kevasingo (when rotary cut), Kevazinga (RC), Buvenga**Sources:** West Africa**Characteristics:** Light to dark red to brown with purple hues. Grain is medium texture with minimum to heavy figure, often with distinct patterns such as quilted, waterfall, and chevron.**Common cuts:** Plain sliced, Rotary Cut (Called Kevizingo when RC), Quarter Sliced**Uses:** Decorative veneer and lumber for architectural millwork and occasional cabinetry.**Availability:** Reasonable availability depending on level of specification**Price:** \$\$\$**Bubinga, Waterfall****Latin name:** *Guibourtia demeusei***Common name(s):** African Rosewood, Kevasingo (when rotary cut), Kevazinga (RC), Buvenga**Sources:** West Africa**Characteristics:** Light to dark red to brown with purple hues. Grain is medium texture with minimum to heavy figure, often with distinct patterns such as quilted, waterfall, and chevron.**Common cuts:** Plain sliced, Rotary Cut (Called Kevizingo when RC), Quarter Sliced**Uses:** Decorative veneer and lumber for architectural millwork and occasional cabinetry.**Availability:** Reasonable availability depending on level of specification**Price:** \$\$\$**Butternut****Latin name:** *Juglans cinerea***Common name(s):** White Walnut**Sources:** USA and Canada**Characteristics:** Heart wood is soft brown color with occasional darker streaks with a low lustre. Sapwood is light cream to tan. Grain is semi ring porous with typical dark and light colorations for early and late wood.**Common cuts:** Plain sliced**Uses:** Decorative veneer and lumber for architectural millwork and occasional cabinetry.**Availability:** Reasonable availability depending on level of specification**Price:** \$\$

**Cedar, Aromatic****Latin name:** *Juniperus virginiana***Common name(s):** Red Cedar, Eastern Red Cedar, Aromatic Red Cedar**Sources:** Eastern USA**Characteristics:** Sapwood is very light in contrast to dark red to almost purple heartwood. Veneer is usually highly marked with open and sound knots, splits, and light and dark color streaks. Although not a true cedar, the distinctive aroma from this species is generally associated with the classic cedar smell.**Common cuts:** Plain sliced**Uses:** Closet liners and other applications where the aromatic qualities are suited.**Availability:** Plentiful**Price:** \$\$**Cedar, Knotty Western Red****Latin name:** *Thuja plicata***Common name(s):** Red Cedar, Pacific Red Cedar**Sources:** Western USA and Canada**Characteristics:** Seasons to a dark red to reddish brown and will turn silvery gray if exposed to weather over time. Soft smooth texture with a generally straight grain. Usually selected for rustic knotty appearance for aesthetic purposes. Not a true cedar, but has distinct cedar aroma due to presence of certain oils and resins.**Common cuts:** Plain sliced**Uses:** Wall paneling, cabinetry, rustic furniture, decorative ceiling panels.**Availability:** Reasonable**Price:** \$\$**Cedar, Spanish****Latin name:** *Cedrela spp.***Common name(s):** Cedro, Brazilian Cedar, Honduras(n) Cedar, Others by origin of source**Sources:** Central America, South America, Caribbean Islands Mexico**Characteristics:** Light to dark red to reddish brown. Soft moderately coarse texture. Not a true cedar, but probably characterized as such due to the distinct aroma typically associated with cedar and cedar oils or resins.**Common cuts:** Rotary cut, Plain sliced**Uses:** Humidors, cigar boxes, boat interiors, cabinetry.**Availability:** Reasonable**Price:** \$\$**Cherry****Latin name:** *Prunus serotina***Common name(s):** American Black Cherry**Sources:** USA, Canada**Characteristics:** Pink to reddish brown heart wood, blonde sap wood. Tight grain minimum early wood. Gum, pin knots, and burls are prevalent. Figure is common and may include heavy patterns such as ropey, mottled, chevron, and flare.**Common cuts:** Plain sliced, Quarter sliced (usually as false quarters)**Uses:** Kitchen and bath cabinetry, fine furniture, architectural millwork, molding.**Availability:** Readily available**Price:** \$\$**Cherry, Ropey Figured****Latin name:** *Prunus serotina***Common name(s):** American Black Cherry**Sources:** USA, Canada**Characteristics:** Pink to reddish brown heart wood, blonde sap wood. Tight grain minimum early wood. Gum, pin knots, and burls are prevalent. Figure is common and may include heavy patterns such as ropey, mottled, chevron, and flare.**Common cuts:** Plain sliced, Quarter sliced (usually as false quarters)**Uses:** Kitchen and bath cabinetry, fine furniture, architectural millwork, molding.**Availability:** Readily available**Price:** \$\$**Chestnut, American, Wormy****Latin name:** *Castanea dentata***Common name(s):** Wormy Chestnut**Sources:** Eastern USA and Canada**Characteristics:** Medium to dark brown heart wood. Grain is moderately coarse in texture, typical grain configuration for ring porous species with coarse early wood. Generally straight grain with some figure possible, including interlocked grain. Due to chestnut blight almost all shows some sign of insect assault. Usually sold as wormy.**Common cuts:** Plain sliced**Uses:** Fancy furniture, millwork, and cabinetry.**Availability:** Scarce**Price:** \$\$\$\$

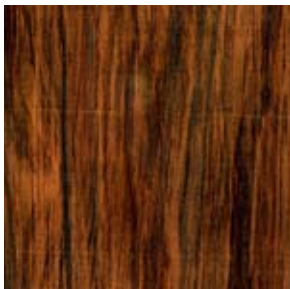
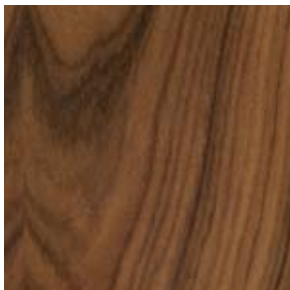
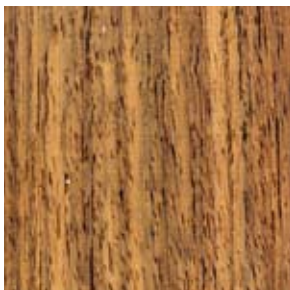
**Chestnut, Burl****Latin name:** *Castanea dentata***Common name(s):** Wormy Chestnut**Sources:** Eastern USA and Canada**Characteristics:** Medium to dark brown heart wood. Grain is moderately coarse in texture, typical grain configuration for ring porous species with coarse early wood. Generally straight grain with some figure possible, including interlocked grain. Due to chestnut blight almost all shows some sign of insect assault. Usually sold as wormy.**Common cuts:** Plain sliced**Uses:** Fancy furniture, millwork, and cabinetry.**Availability:** Scarce**Price:** \$\$\$\$**Chestnut, European****Latin name:** *Castanea sativa***Common name(s):** Sweet Chestnut, Spanish Chestnut**Sources:** Mainly southwestern regions of Europe**Characteristics:** Dark tan to brown heart wood with cream sap wood. Generally straight grain with some figure possible, including interlocked grain.**Common cuts:** Plain sliced, Quarter sliced**Uses:** Fine furniture, kitchen cabinetry, architectural millwork and molding, coffins.**Availability:** Varies**Price:** \$\$\$**Ebony, African****Latin name:** *Diospyros crassiflora* (chiefly)**Common name(s):** Regional names to include Cameroon, Gabon, Madagascar, and Nigerian Ebony**Sources:** Cameroon, Gabon, Madagascar, and Nigeria**Characteristics:** Heart wood is dark gray to nearly black with potential for gray streaks. Grain is very dense with medium fine texture and straight to interlocked figure. Usually available in shorter lengths.**Common cuts:** Plain sliced, Quarter sliced**Uses:** Hardware components, turnings, inlays, banding, and occasional millwork.**Availability:** Varies**Price:** \$\$\$\$**Ebony, Macassar****Latin name:** *Diospyros celebica***Common name(s):** Coromandel, Calamander, Wood Indian Ebony, Tendu, Several others**Sources:** India and Sri Lanka**Characteristics:** Black heartwood with lighter streaks of grays and browns. Usually straight grain with occasional figure and a smooth texture.**Common cuts:** Plain sliced, Quarter sliced**Uses:** Architectural millwork, molding, inlay, and accent trim.**Availability:** Reasonable**Price:** \$\$\$\$**Elm, Carpathian Burl****Latin name:** *Ulmus campestris***Common name(s):** Burl elm**Sources:** Carpathian Mountain Range**Characteristics:** Light tan to brick red pocked with pin knots, burls, swirls, insect damage, and the like. Highly desirable because of its rustic appearance.**Common cuts:** Plain sliced, Rotary cut**Uses:** Architectural millwork, inlay work, high end furniture, automobile interiors and accent trim.**Availability:** Obtainable**Price:** \$\$\$\$+**Fir, Vertical Grain****Latin name:** *Pseudotsuga menziesii***Common name(s):** Douglas Fir Quarter Cut, Doug Fir, Oregon Pine**Sources:** Northwestern USA and SW Canada**Characteristics:** Golden to reddish brown, with extremely tight and straight fine vertical grain lines developing when the wood is quarter sliced.**Common cuts:** Quarter sliced**Uses:** Moldings, joinery, inlay work, flooring, paneling, fine furniture, cabinetry, specialty applications.**Availability:** Obtainable**Price:** \$\$\$

**Gum, Red****Latin name:** *Liquidambar styraciflua***Common name(s):** American Red Gum, Sweet Gum, Hazel Pine**Sources:** USA to Central America**Characteristics:** Pinkish white sapwood contrasting with reddish brown heartwood with dark streaks usually present. Interlocked grain may produce striped and occasionally mottled figure appearance.**Common cuts:** Plain sliced, Rotary cut**Uses:** Cabinetry, millwork, paneling, fine furniture, flooring, and molding.**Availability:** Obtainable**Price:** \$\$**Hickory****Latin name:** *Carya spp.***Common name(s):** Pignut Hickory, Mockernut Hickory, Shellbark Hickory, Shagbark Hickory**Sources:** USA and Canada**Characteristics:** Pale yellow sapwood with light brown to reddish brown to gray brown heartwood. Some moderately coarse early wood, but otherwise hard and smooth. Some may contain color variation, color streaks, and rustic marks like worm track and bird peck. Same genus as Pecan.**Common cuts:** Plain sliced, Rotary cut**Uses:** Cabinetry, millwork, paneling, fine furniture, flooring, and molding.**Availability:** Abundant**Price:** \$\$**Holly****Latin name:** *Ilex spp.***Common name(s):** European Holly, American Holly**Sources:** USA and Europe**Characteristics:** Very light and plentiful sapwood, irregular grain, very fine texture.**Common cuts:** Plain sliced, Rotary cut**Uses:** Cabinetry, millwork, boat building, inlay work, specialty applications.**Availability:** Obtainable**Price:** \$\$**Jatoba, Flat Cut****Latin name:** *Hymenaea courbaril***Common name(s):** Brazilian Cherry, Courbaril, West Indian Locust**Sources:** Central and South America to the West Indies**Characteristics:** Orangish color of freshly cut heartwood seasons to darker reddish brown. Medium texture with interlocked grain produces striped effect when quarter sliced.**Common cuts:** Plain sliced, Rotary cut**Uses:** Flooring, cabinetry, furniture, boat interiors.**Availability:** Abundant**Price:** \$\$**Lacewood****Latin name:** *Cardwellia sublimis***Common name(s):** Silky Oak, Selano, Australian Silky Oak, Bull oak**Sources:** Australia**Characteristics:** Lighter shade of red, even pink to somewhat darker color against a coarse texture with visible rays similar to that in the oaks. When quarter sliced, the rays produce pronounced flake with a somewhat silky flow.**Common cuts:** Quarter sliced, Plain sliced**Uses:** Architectural millwork, moldings, wall paneling, cabinetry, flooring, fine furniture.**Availability:** Reasonable availability depending on level of specification**Price:** \$\$\$-\$\$\$\$ depending on specification**Lyptus****Latin name:** *Hybrid of Eucalyptus, probably Eucalyptus urophylla and E. Grandis***Common name(s):** Lyptus®**Sources:** Amazon basin**Characteristics:** Widely varying color from creamy yellow to dried blood red and everything in between against a surface similar in grain and growth characteristics to the mahoganies. Synthetic hybrid, but also capable of occurring in the wild. *E. grandis* originated in Australia. *E. urophylla* is native to South America.**Common cuts:** Plain sliced, Rotary cut**Uses:** Architectural millwork, moldings, wall paneling, cabinetry, flooring, fine furniture.**Availability:** Abundant**Price:** \$\$

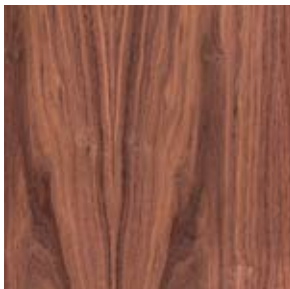
**Mahogany, African****Latin name:** *Khaya Ivorensis***Common name(s):** African Mahogany, Khaya**Sources:** Central Africa East to West**Characteristics:** Only one of two species considered to be genuine mahogany, this species has light to dark red to reddish brown heartwood, medium coarse texture, and interlocked grain which appears as striped (frequently generically called Ribbon stripe). Where grain is absent, surface may contain well defined cathedrals in crown cut veneer.**Common cuts:** Plain sliced, Quarter sliced, Rotary cut**Uses:** Architectural millwork, molding, judges panels, flat wall panels, cabinetry, fine furniture, inlay, and accent trim.**Availability:** Reasonable. Often used in place of Honduras Mahogany which is restricted by CITES*.**Price:** \$\$-\$\$\$ depending on specifications**Mahogany, South American****Latin name:** *Swietenia macrophylla***Common name(s):** Honduras Mahogany, Swietenia, American Mahogany, Mogno**Sources:** Central America (primarily Brazil), South America, Caribbean Islands, Mexico**Characteristics:** The other genuine mahogany, this species can be described much like it's distant relative African Mahogany. Interlocked grain produces the common ribbon stripe appearance in quarter sliced veneer.**Common cuts:** Plain sliced, Quarter sliced, Rotary cut**Uses:** Architectural millwork, molding, judges panels, flat wall panels, some cabinetry, fine furniture, inlay, and accent trim.**Availability:** Suppressed due to CITES* restrictions in much of its range.**Price:** \$\$\$\$ (due to low availability)**Makore, Plain****Latin name:** *Tieghmella heckelii***Common name(s):** African Cherry, Douka, Cherry Mahogany**Sources:** West Africa**Characteristics:** Heartwood can vary from pinkish red to rich blood red. Usually straight grain, but when interlocked grain is present produces block mottled figure, striping, or combination when quarter sliced.**Common cuts:** Quarter sliced, Plain sliced, Rotary cut**Uses:** Architectural millwork, molding, judges panels, flat wall panels, some cabinetry, fine furniture, inlay, and accent trim.**Availability:** Reasonable depending on specifications**Price:** \$\$\$-\$\$\$\$ depending on specification**Makore, Rosebud****Latin name:** *Tieghmella heckelii***Common name(s):** African Cherry, Douka, Cherry Mahogany**Sources:** West Africa**Characteristics:** Heartwood can vary from pinkish red to rich blood red. Usually straight grain, but when interlocked grain is present produces block mottled figure, striping, or combination when quarter sliced.**Common cuts:** Quarter sliced, Plain sliced, Rotary cut**Uses:** Architectural millwork, molding, judges panels, flat wall panels, some cabinetry, fine furniture, inlay, and accent trim.**Availability:** Reasonable depending on specifications**Price:** \$\$\$-\$\$\$\$ depending on specification**Maple, Birds' Eye****Latin name:** *Acer saccharum, A. nigrum***Common name(s):** Bird's Eye Maple**Sources:** USA and Canada**Characteristics:** Same as Hard Maple except for heavy presence of nested conical indentations in the growth rings resembling birds' eyes when cut.**Common cuts:** Rotary cut, Plain sliced**Uses:** Architectural wall panels, millwork, molding, inlay, and accent trim, specialty applications.**Availability:** Obtainable**Price:** \$\$\$-\$\$\$\$ depending on specification**Maple, Curly****Latin name:** *Acer saccharum, A. nigrum***Common name(s):** Curly Maple, Quilted Maple, Figured Maple, Fiddleback Maple**Sources:** USA and Canada**Characteristics:** Same as Hard Maple except for heavy presence of distorted grain (figure) ranging from curly or wavy to tight fiddleback, to pleated quilted pattern.**Common cuts:** Rotary cut, Plain sliced**Uses:** Architectural wall panels, millwork, molding, inlay, and accent trim, specialty applications.**Availability:** Obtainable**Price:** \$\$\$-\$\$\$\$ depending on specification

**Maple, Hard****Latin name:** *Acer saccharum*, *A. nigrum***Common name(s):** Rock Maple, Sugar Maple, White Maple**Sources:** USA and Canada**Characteristics:** Sapwood varies from soft pinkish white to light yellow to light khaki in color. Surface is smooth, tight, and dense. Heartwood ranges from dark brown to green to black. Typically sold as white maple. Growth rings are light and at times imperceptible. Susceptible to insect assault resulting in brown streaks called worm track.**Common cuts:** Rotary cut, Plain sliced, Half Round, Quarter sliced and Rift cut usually pulled from sliced quarters**Uses:** Decorative veneer and lumber primarily for kitchen cabinetry and furniture. Excellent surface for painting.**Availability:** Readily available**Price:** \$-\$\$ depending on specifications**Maple, Silver****Latin name:** *Acer saccharinum*, *A. rubrum***Common name(s):** Silver Maple, Red Maple, Soft Maple**Sources:** USA and Canada**Characteristics:** Less luster than hard maple with more color variation, color streaks, and stain.**Common cuts:** Rotary cut**Uses:** Utility panels, some cabinetry, millwork, moldings, and furniture frames.**Availability:** Readily available**Price:** \$**Oak, English Brown****Latin name:** *Quercus robur*, *Q. petraea***Common name(s):** European Oak, Pollard Oak, Pedunculata Oak**Sources:** England, France, Baltics, Western Europe to Turkey, to North Africa, Eastern Canada and NE USA.**Characteristics:** A true oak from the Quercus genus, English Brown Oak has pronounced coarse grain in early wood, smooth grain in latewood, and large rays when quarter sliced. Susceptible to assault from the beefsteak fungus that turns the heartwood a warm medium brown. May have a rustic look. Highly prized for its warmth and beauty.**Common cuts:** Plain sliced, Quarter sliced**Uses:** Architectural millwork, casework, judges panels, parquetry, fine furniture, church furniture.**Availability:** Scarce**Price:** \$\$\$\$**Oak, Red, Rotary Cut****Latin name:** *Quercus rubra* and related species**Common name(s):** Red Oak, Northern Red Oak, Southern Red Oak; more than 10 other names**Sources:** North America**Characteristics:** Sharp contrast between coarse early wood and smooth late wood. Heartwood color is light tan to pinkish to reddish brown to dark tan or khaki. Large rays produce pronounced flake appearance across the grain when the wood is quarter sliced. Rift cutting minimizes the flake appearance.**Common cuts:** Plain sliced, Quarter sliced, Rift cut**Uses:** Kitchen and bath cabinetry, furniture, architectural millwork, wall paneling, casework, molding, flooring.**Availability:** Plentiful**Price:** \$-\$\$ depending on specifications**Oak, Red, Quarter Cut****Latin name:** *Quercus rubra* and related species**Common name(s):** Red Oak, Northern Red Oak, Southern Red Oak; more than 10 other names**Sources:** North America**Characteristics:** Sharp contrast between coarse early wood and smooth late wood. Heartwood color is light tan to pinkish to reddish brown to dark tan or khaki. Large rays produce pronounced flake appearance across the grain when the wood is quarter sliced. Rift cutting minimizes the flake appearance.**Common cuts:** Plain sliced, Quarter sliced, Rift cut**Uses:** Kitchen and bath cabinetry, furniture, architectural millwork, wall paneling, casework, molding, flooring.**Availability:** Plentiful**Price:** \$-\$\$ depending on specifications**Oak, White****Latin name:** *Quercus alba* and related species**Common name(s):** White Oak, with at least 10 commercially harvested members in this group**Sources:** North America**Characteristics:** Sharp contrast between coarse early wood and smooth late wood. Heartwood color is light brown to light gray to medium brown. Large rays produce pronounced flake appearance across the grain when the wood is quarter sliced. Rift cutting minimizes the flake appearance.**Common cuts:** Plain sliced, Quarter sliced, Rift cut**Uses:** Kitchen and bath cabinetry, furniture, architectural millwork, wall paneling, casework, molding, flooring.**Availability:** Common**Price:** \$\$

**Paldao****Latin name:** *Dracontomelum dao***Common name(s):** New Guineawood**Sources:** Phillipines**Characteristics:** Gray brown heartwood with tinges of greenish to brown to nearly black stripes. Medium texture. Interlocked grain produces straight stipe appearance when quarter sliced.**Common cuts:** Quarter sliced, Plain sliced, Rotary cut**Uses:** Kitchen and bath cabinetry, fine furniture, architectural millwork, molding, flooring, architectural as wall paneling, casework, office furniture.**Availability:** Scarce**Price:** \$\$\$\$**Pearwood, Swiss****Latin name:** *Pyrus communis***Common name(s):** Swiss Pearwood, European Pearwood, Pearwood**Sources:** Western Asia to the British Isles**Characteristics:** Soft, rich fine texture with reasonably straight perceivable growth rings. Heartwood is warm pinkish to pinkish brown. Veneer is almost translucent.**Common cuts:** Plain sliced**Uses:** Decorative veneer and lumber for architectural millwork and occasional cabinetry.**Availability:** Obtainable**Price:** \$\$\$\$**Pine, Eastern White****Latin name:** *Pinus strobus***Common name(s):** White Pine, Clear White Pine, Spruce Pine, Northern White Pine, Quebec Pine**Sources:** Eastern Canada and the USA**Characteristics:** Soft pale yellow to light pink to light reddish brown, with resin ducts that form narrow brown lines parallel to the grain. Uniform medium texture with nearly inconspicuous growth rings.**Common cuts:** Plain sliced, Rotary cut**Uses:** Joinery, millwork, fine furniture, wall panels, kitchen and bath cabinetry, furniture frames.**Availability:** Common**Price:** \$\$**Pine, Knotty****Latin name:** *Pinus monticola***Common name(s):** Idaho Pine, Mountain Pine, Silver Pine**Sources:** Western Canada, USA**Characteristics:** Light yellow to creamy white sapwood with reddish brown heartwood. Resin ducts form narrow brown lines parallel to the grain. Relatively straight grain. Characteristically very limby, resulting in large numbers and varying sizes of knots throughout.**Common cuts:** Plain sliced, Rotary cut**Uses:** Joinery, millwork, fine furniture, wall panels, kitchen and bath cabinetry, furniture frames.**Availability:** Readily available**Price:** \$\$**Pine, Western White****Latin name:** *Pinus monticola***Common name(s):** Idaho Pine, Mountain Pine, Silver Pine**Sources:** Western Canada, USA**Characteristics:** Light yellow to creamy white sapwood with reddish brown heartwood. Resin ducts form narrow brown lines parallel to the grain. Relatively straight grain. Characteristically very limby, resulting in large numbers and varying sizes of knots throughout.**Common cuts:** Plain sliced, Rotary cut**Uses:** Joinery, millwork, fine furniture, wall panels, kitchen and bath cabinetry, furniture frames.**Availability:** Readily available**Price:** \$\$**Poplar, Eur. (Mappa Burl)****Latin name:** *Populus spp.***Common name(s):** European Black Poplar, European Aspen, Italian Poplar, USA and Canada**Sources:** Europe**Characteristics:** Creamy whitish yellow to almost opaque white to pale tan sapwood on a smooth texture surface with almost imperceptible growth ring appearance. Occasionally developed as heavy burl sold under the trade name Mappa Burl.**Common cuts:** Plain Sliced, Rotary**Uses:** Prized for decorative inlay work. Used for some cabinetry, millwork, moldings, and furniture frames.**Availability:** Rare as Mappa Burl, common as Aspen or European Poplar**Price:** \$\$\$\$ (Burl) \$-\$\$ (Poplar)

**Poplar, Yellow****Latin name:** *Liriodendron tulipifera***Common name(s):** Yellow Poplar, Tulipwood, American Whitewood, Canary Wood, Canoe Wood**Sources:** Eastern North America**Characteristics:** Soft yellow sapwood contrasting with gray to gray green to almost black heartwood on a smooth texture surface with subtle growth ring appearance.**Common cuts:** Rotary**Uses:** Utility panels, some cabinetry, millwork, moldings, and furniture frames.**Availability:** Readily available**Price:** \$**Purpleheart****Latin name:** *Peltogyne paniculata, Peltogyne spp.***Common name(s):** Amaranth, Amarante, Violet Wood**Sources:** Tropical Central and South America**Characteristics:** Deep purple color. Grain is usually straight with some figure. Small deposits of white silica may be present.**Common cuts:** Plain sliced, Quarter sliced**Uses:** Decorative veneer and lumber for architectural millwork and occasional cabinetry.**Availability:** Reasonable availability depending on level of specification**Price:** \$\$\$**Rosewood, Brazilian****Latin name:** *Dalbergia nigra***Common name(s):** Rosewood, Jacaranda, Rio Rosewood, Bahia Rosewood**Sources:** Brazil and other Tropical American regions**Characteristics:** Stark contrast between yellowish sapwood and dark red to violet to brown heartwood. Medium lustre, medium to sometimes coarse texture. Oily to the touch. Grain generally straight but may swirl, at times resembling a characteristic called monkey ear. Highly prized as one of the most beautiful of all hardwoods.**Common cuts:** Plain sliced, Quarter sliced**Uses:** Musical instrument, parquetry, marquetry, and extremely high end architectural millwork and cabinetry.**Availability:** True Brazilian Rosewood has been on embargo for years and is considered endangered by CITES*.**Price:** \$\$\$\$\$++**Rosewood, East Indian****Latin name:** *Dalbergia latifolia***Common name(s):** Bombay Blackwood, Indian Rosewood, Java Palisander, Indian palisander**Sources:** India**Characteristics:** Similar to and often substituted for Brazilian Rosewood, but often darker with more of a purplish cast. When interlocked grain is present, quarter slicing may produce faint to pronounced striping.**Common cuts:** Plain sliced, Quarter sliced**Uses:** High end furniture, architectural millwork, boat interiors, turnery, and architectural wall paneling.**Availability:** Scarce**Price:** \$\$\$\$**Rosewood, Santos****Latin name:** *Machaerium spp.***Common name(s):** Caviuna, Jacaranda Pardo, Pau Ferro, Santos Palisander (*M. scleroxylon*), South American Rosewood**Sources:** Generally same as Brazilian Rosewood**Characteristics:** Similar to and often substituted for Brazilian Rosewood.**Common cuts:** Plain sliced**Uses:** Musical instrument components, parquetry, marquetry, and high end architectural millwork and cabinetry.**Availability:** Scarce**Price:** \$\$\$\$**Sapele, Plain****Latin name:** *Entandrophragma cylindricum***Common name(s):** Sapeli, Sapele Mahogany, Aboudikro**Sources:** Africa - widespread**Characteristics:** Heartwood seasons to reddish or purplish brown. Grain is typically interlocked, resulting in pronounced striped effect when quarter sliced. When interlocked grain is absent, appearance can be quite plain. Pommele figure from rotary cut veneer appears as diagonal waves of varying intensity.**Common cuts:** Plain sliced, Quarter sliced, Rotary (for Pommele figure)**Uses:** Decorative veneer and lumber for architectural millwork and occasional cabinetry and boat interiors.**Availability:** Reasonable to very good availability depending on level of specification**Price:** \$\$-\$\$\$ depending on specifications

**Sapele, Pommele****Latin name:** *Entandrophragma cylindricum***Common name(s):** Sapeli, Sapele Mahogany, Aboudikro**Sources:** Africa - widespread**Characteristics:** Heartwood seasons to reddish or purplish brown. Grain is typically interlocked, resulting in pronounced striped effect when quarter sliced. When interlocked grain is absent, appearance can be quite plain. Pommele figure from rotary cut veneer appears as diagonal waves of varying intensity.**Common cuts:** Plain sliced, Quarter sliced, Rotary (for Pommele figure)**Uses:** Decorative veneer and lumber for architectural millwork and occasional cabinetry and boat interiors.**Availability:** Reasonable to very good availability depending on level of specification**Price:** \$\$-\$\$\$ depending on specifications**Sapele, Quarter Cut, Dark****Latin name:** *Entandrophragma cylindricum***Common name(s):** Sapeli, Sapele Mahogany, Aboudikro**Sources:** Africa - widespread**Characteristics:** Heartwood seasons to reddish or purplish brown. Grain is typically interlocked, resulting in pronounced striped effect when quarter sliced. When interlocked grain is absent, appearance can be quite plain. Pommele figure from rotary cut veneer appears as diagonal waves of varying intensity.**Common cuts:** Plain sliced, Quarter sliced, Rotary (for Pommele figure)**Uses:** Decorative veneer and lumber for architectural millwork and occasional cabinetry and boat interiors.**Availability:** Reasonable to very good availability depending on level of specification**Price:** \$\$-\$\$\$ depending on specifications**Sapele, Quarter Cut Figured****Latin name:** *Entandrophragma cylindricum***Common name(s):** Sapeli, Sapele Mahogany, Aboudikro**Sources:** Africa - widespread**Characteristics:** Heartwood seasons to reddish or purplish brown. Grain is typically interlocked, resulting in pronounced striped effect when quarter sliced. When interlocked grain is absent, appearance can be quite plain. Pommele figure from rotary cut veneer appears as diagonal waves of varying intensity.**Common cuts:** Plain sliced, Quarter sliced, Rotary (for Pommele figure)**Uses:** Decorative veneer and lumber for architectural millwork and occasional cabinetry and boat interiors.**Availability:** Reasonable to very good availability depending on level of specification**Price:** \$\$-\$\$\$ depending on specifications**Sapele, Quarter Cut, Light****Latin name:** *Entandrophragma cylindricum***Common name(s):** Sapeli, Sapele Mahogany, Aboudikro**Sources:** Africa - widespread**Characteristics:** Heartwood seasons to reddish or purplish brown. Grain is typically interlocked, resulting in pronounced striped effect when quarter sliced. When interlocked grain is absent, appearance can be quite plain. Pommele figure from rotary cut veneer appears as diagonal waves of varying intensity.**Common cuts:** Plain sliced, Quarter sliced, Rotary (for Pommele figure)**Uses:** Decorative veneer and lumber for architectural millwork and occasional cabinetry and boat interiors.**Availability:** Reasonable to very good availability depending on level of specification**Price:** \$\$-\$\$\$ depending on specifications**Sycamore, English****Latin name:** *Acer pseudoplatanus***Common name(s):** Plane, Sycamore Plane, Sycamore Maple**Sources:** Great Britain and Europe**Characteristics:** Very light to creamy white sap and heart wood. Straight narrow grain typically accented with heavy tight cross figure.**Common cuts:** Quarter sliced, Plain sliced**Uses:** Architectural millwork, wall panels, fine furniture, high end cabinetry, specialty applications.**Availability:** Scarce**Price:** \$\$\$**Tamo****Latin name:** *Fraxinus mandschurica***Common name(s):** Japanese Ash**Sources:** Japan and Southeast Asia**Characteristics:** Straw colored to medium brown heartwood much like North American Ash. Grain is generally straight but some curly figure could be present even as fine as fiddleback. Texture is coarse.**Common cuts:** Plain sliced, Rotary cut**Uses:** Architectural millwork, wall panels, fine furniture, high end cabinetry, specialty applications.**Availability:** Reasonable to very good availability depending on level of specification**Price:** \$\$

**Teak, Flat Cut****Latin name:** *Tectona grandis***Common name(s):** Teak**Sources:** India, Myanmar, Thailand**Characteristics:** Dark yellow to golden brown with dark brown to black streaks prevalent. Oily to the touch on a moderately smooth surface. Quarter slicing sometimes produces a striped effect in the presence of interlocked grain.**Common cuts:** Plain sliced, Quarter sliced**Uses:** Outdoor furniture, boat interiors, decking, flooring, architectural millwork and specialty applications.**Availability:** Reasonable to very good availability depending on level of specification**Price:** \$\$\$**Teak, Quarter Cut****Latin name:** *Tectona grandis***Common name(s):** Teak**Sources:** India, Myanmar, Thailand**Characteristics:** Dark yellow to golden brown with dark brown to black streaks prevalent. Oily to the touch on a moderately smooth surface. Quarter slicing sometimes produces a striped effect in the presence of interlocked grain.**Common cuts:** Plain sliced, Quarter sliced**Uses:** Outdoor furniture, boat interiors, decking, flooring, architectural millwork and specialty applications.**Availability:** Reasonable to very good availability depending on level of specification**Price:** \$\$\$**Walnut, American Black****Latin name:** *Juglans nigra***Common name(s):** Walnut, Black Walnut**Sources:** Eastern USA and Southeastern Canada**Characteristics:** Heartwood varies from dark tan to deep chocolate depending on amount of exposure to air prior to drying. Grain varies from very straight to interlocked which produces pronounced figure that may or may not be desirable. Pin knots with small dark centers may be prevalent.**Common cuts:** Plain sliced, Quarter sliced (usually pulled from sliced)**Uses:** Architectural millwork, judges panels, parquetry, musical instruments, fine furniture, cabinetry.**Availability:** Readily available**Price:** \$\$-\$\$\$ depending on specifications**Walnut, Burl****Latin name:** *Juglans regia, J. nigra, J. californica, J. hindsii***Common name(s):** Walnut Burl, Claro Walnut**Sources:** Mid-western to Western USA**Characteristics:** Generally considered to be a graft of English walnut to American walnut. This produces the classic burl pattern in some cases, and multiple heavy figure patterns in others, such as quilted, beeswing, or drape. Color is much like black walnut with heavy burls, pin knots, and dark spots common.**Common cuts:** Rotary cut, Plain sliced**Uses:** Accent inlay work, architectural millwork, fine furniture tops, auto dashboards and accent components.**Availability:** Obtainable**Price:** \$\$\$\$**Zebrawood****Latin name:** *Microberlinia brazzavillensis, M. bisulcata***Common name(s):** Zebrano**Sources:** West Africa, Cameroon, Congo, Gaboon**Characteristics:** Variegated with light yellow to golden background overlaid with dark brown to almost black stripes. Typically interlocked grain results in almost straight striped effect in quarter sliced wood.**Common cuts:** Quarter sliced**Uses:** Fine furniture, architectural millwork, boat interiors, architectural wall panels, inlay work.**Availability:** Obtainable**Price:** \$\$\$\$

These photographic examples may not accurately represent the natural variations of color and grain pattern that may exist on full size panels.

It is the responsibility of the specifier and/or buyer to ensure that all descriptive, restrictive, dimensional, compositional, and other pertinent requirements are provided, and to determine the appropriate use for the products specified.

For more complete details and larger photos visit: <http://www.cfpwood.com/VeneerGuide.aspx>

**CITES (Convention on International Trade in Endangered Species)*