

CARPENTRY

TABLE I—continued

SOFTWOODS—continued

STANDARD NAME.	BOTANICAL NAME.	SOURCE.	WEIGHT (lb. per cub. ft.).	CHARACTERISTICS.	USES.
Pine, Jack (Banksian pine)	<i>Pinus banksiana</i>	Canada, Northern U.S.A.	31	Similar to red pine (see below); inclined to be knotty.	Inferior carpentry, sleepers, boxes and crates. Similar to low-grade redwood (see below).
Pine, Pitch	<i>Pinus palustris</i>	Southern U.S.A.	41	Light red; very distinct growth rings with large proportion of summer wood which gives bold effect, occasionally has an attractive blister figure; straight grained; very strong and durable, resinous, which affects ease of working; even textured; obtainable in long lengths; subject to heart shakes; grain tends to show through paint; varnishes well.	Good-class general carpentry and joinery; church and school furniture, office fittings, piles.
Pine, British Honduras Pitch (slash, Cuban and Nicaraguan pine)	<i>Pinus caribæa</i>	Central America, West Indies.	44	Similar to pitch pine.	Similar to pitch pine.
Pine, Red (Canadian, Ottawa and Quebec red pine)	<i>Pinus resinosa</i>	South-Eastern Canada, Northern U.S.A.	33	Light red or reddish yellow heartwood, creamy white sapwood; generally straight grained, easily worked to a smooth silky finish; fairly durable; paints and stains well.	Similar to redwood.
Pine, Siberian (Manchurian and Korean pine)	<i>Pinus sibirica</i> , etc.	Siberia, Manchuria	26	Similar to yellow pine (see below).	Internal joinery. A good substitute for yellow pine.
Pine, Sugar	<i>Pinus lambertiana</i>	California, U.S.A.	28	Resembles Canadian yellow pine (see below).	General internal joinery.
Pine, Western White (finger cone and mountain pine)	<i>Pinus monticola</i>	British Columbia, North-Western U.S.A.	28	Similar to yellow pine, but growth rings are narrower and it is slightly harder and stronger.	Similar to yellow pine (see below).
Pine, Yellow (Canadian white, Canadian yellow, Ottawa white, Quebec, Weymouth and white pine)	<i>Pinus strobus</i>	Eastern Canada, U.S.A.	26	Pale straw to light reddish brown; growth rings indistinct; soft, straight grained, even textured, easily worked to a smooth silky surface; moderately durable; stains, paints and polishes well.	Good-class general internal joinery; first quality expensive and now used chiefly for pattern-making, carving and similar special work. See Siberian pine.
Redwood (Scots pine or fir in British Isles, northern pine, red deal, yellow deal, Memel fir, Norway fir, Polish fir, Swedish pine, Baltic redwood)	<i>Pinus sylvestris</i>	British Isles, Norway, Sweden, Finland, Poland, Northern Russia	33	Pale reddish brown heartwood, light yellowish brown sapwood; distinct growth rings; straight grained, easily worked to a clean finish; very durable when preserved; tough, strong, moderately resinous; stains, paints and polishes well.	Extensively used for general carpentry and joinery. Quality not so reliable as formerly; as less care taken in selection of trees, and Douglas fir is often preferred for first-class work.
Spruce, Canadian (white, Quebec and New Brunswick spruce)	<i>Picea glauca</i> (white) <i>P. mariana</i> (black) <i>P. rubra</i> (red)	Eastern and Northern Canada, Eastern U.S.A.	28	White; growth rings distinct; straight grained and easily worked, but knots liable to give trouble; not durable; stains, paints and varnishes well; red variety has reddish tinge and more pronounced figure.	Better qualities used for cheaper joinery; roughest grade used for shuttering, scaffolding, packing cases.
Spruce, Sitka (silver spruce)	<i>Picea sitchensis</i>	British Columbia, Western U.S.A., British Isles	29	White to pink; mostly straight grained, occasionally spiral grained; easily worked when free from knots, with satiny finish when planed; tougher and superior in quality to better grades of Canadian spruce; obtainable in large sizes; stains, paints and polishes well.	Imported; good-class carpentry and joinery. Home-grown; temporary work such as shuttering.

NOTE.—Some timbers are also known by those names appearing within the brackets in the first column.