

Yellow Walnut – *Beilschmiedia bancroftii*

Wood Appearance

Colour – Heartwood is pale to bright lemon yellow in colour. Sapwood is generally paler in colour but at times it may be difficult to distinguish from the heartwood, particularly since it can comprise up to 50% of the stem radius

Grain – Moderately coarse, straight grained with little or no figure

Wood Properties

Density – 640 kg/m³

Durability – Class 4 – Suitable for use in continuously dry situations under cover, well ventilated and fully protected from the weather and other dampness.

Hardness – Firm (rated 4 on a 6 class scale) in relation to indentation and ease of working with hand tools

Identification Features

Sapwood – Pale yellow to nearly white

Heartwood – Pale to bright lemon yellow, often with dark streaks towards the heart

Texture – Moderately coarse and uniform, grain generally straight

Wood Structure

Vessels – Solitary or in radial groups of 2 to 5 cells with occasional clusters. Medium in size and evenly distributed. Vessel lines conspicuous on dressed longitudinal surfaces.

Parenchyma – Numerous, irregularly spaced apotracheal bands, prominent due to being a lighter colour than the background

Rays – Fine and distinct but less prominent than parenchyma

Other Features

Burning Splinter Test – Wood burns with some smoke to a charcoal tip and grey ash filament

Figure - Dressed back sawn surfaces may occasionally show figure due to a tendency for earlywood/latewood cell formation into rings.

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