**Canarium spp.**  
*Family: Burseraceae*  
*Kedondong*

**Other Common Names:** Dhup, White Dhup (India), Kedondong (Malaya), Merdongdong (Indonesia), Pagsahingin (Philippines), Kaunicina-Kaunigai (Fiji islands).

**Distribution:** Throughout southeastern Asia and reaching northward to Taiwan.

**The Tree:** Commonly 80 to 100 ft in height with trunk diameters of 2 to 3 ft. Varies with species and may reach a height of 180 ft with a diameter of 5 ft. Boles with small to prominent buttresses.

**The Wood:**  
**General Characteristics:** Heartwood usually pink or light brown, sometimes with yellow streaks, or reddish brown; sapwood lighter and often not clearly demarcated. Texture fine to moderately coarse; grain rather straight to shallowly interlocked; lustrous without distinctive odor or taste. Silica content up to 1.68% is reported.

**Weight:** Basic specific gravity (ovendry weight/green volume) varies with species, mostly 0.35 to 0.52; air-dry density 26 to 40 pcf.

**Mechanical Properties:** (2-in. standard)

<table>
<thead>
<tr>
<th>Moisture content</th>
<th>Bending strength (Psi)</th>
<th>Modulus of elasticity (1,000 psi)</th>
<th>Maximum crushing strength (Psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green (7)</td>
<td>8,610</td>
<td>NA</td>
<td>4,280</td>
</tr>
<tr>
<td>12%</td>
<td>27,280</td>
<td>3,450</td>
<td>11,640</td>
</tr>
</tbody>
</table>

Forest Products Laboratory toughness 140 in.-lb for green material (5/8-in. specimen).

**Drying and Shrinkage:** Generally reported to season well with little degrade. Kiln schedule T10-D4S is suggested for 4/4 stock of low density *C. euphyllum*. Shrinkage green to ovendry for *C. asperum*: radial 5.1%; tangential 6.6%.

**Working Properties:** Generally easy to work but varies with species because of density range and presence or absence of silica.

**Durability:** Heartwood perishable and is readily attacked by termites. Sapwood is very susceptible to powder-post beetle infestation.
**Preservation:** Sapwood is permeable, but heartwood is highly resistant to preservative treatment.

**Uses:** Veneer and plywood, light construction (under cover), furniture components, joinery, boxes, and crates.

**Additional Reading:** (7), (9), (17), (47)