**Dicorynia guianensis**  
Family: Leguminosae  
Basralocus  
Angelique

**Other Common Names:** Basralokus, Barakaroeballi (Surinam), Angelique batard, Angelique gris (French Guiana). Another species, *Dicorynia paraensis* is found in the Brazilian Amazon and is called Angelica do Para.

**Distribution:** Abundant in eastern Surinam and western French Guiana where it may make up 10% of the forest stands. Best growth on deep, loamy, well-drained soils of lowland plains but also found in wet areas.

**The Tree:** Well-formed tree to a height of 150 ft and diameters to 5 ft but more commonly to 3 ft Boles are clear for 60 to 80 ft over heavy buttresses.

**The Wood:**  
**General Characteristics:** Heartwood reddish brown gray to reddish- or yellowish brown sharply demarcated from narrow brownish-white sapwood. Texture medium; unusual subsurface luster; grain usually straight, sometimes somewhat interlocked; no distinctive odor or taste. Vessels are prominent as long brown lines on side grain producing an attractive figure. Silica content reported 0.20 to 1.70% and as high 2.92%.

**Weight:** Basic specific gravity (ovendry weight/green volume) 0.65; air-dry density 50 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>
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</thead>
<tbody>
<tr>
<td>Green (74)</td>
<td>11,410</td>
<td>1,840</td>
<td>5,590</td>
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<tr>
<td>12%</td>
<td>17,390</td>
<td>2,190</td>
<td>8,770</td>
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Janka side hardness 1,100 lb. for green material and 1,290 lb. at 12% moisture content. Forest Products Laboratory toughness average for green and air-dry material is 151 in.-lb. (5/8-in. specimen).

**Drying and Shrinkage:** Moderately difficult to season, dries rapidly but with a tendency to moderate checking and slight warping. A kiln schedule similar to T2- B2 has been suggested. Shrinkage green to ovendry: radial 4.6%; tangential 8.2%; volumetric 14.0%. Reported to hold its place well after manufacture. Heartwood quite resistant to moisture absorption.

**Working Properties:** Working properties vary according to density and silica content but generally works well and finishes smoothly. Specially tipped cutters are suggested particularly for dried wood. Glues well.
**Durability:** Heartwood is resistant to very resistant to attack by decay fungi but is somewhat susceptible to dry-wood termites. The wood is resistant to attack by marine borers.

**Preservation:** No data available but is reported as probably extremely resistant to preservative treatment.

**Uses:** Marine construction and general heavy construction, railroad crossties, industrial flooring, ship decking, planking, and framing, piling, parquet blocks and strips.

**Additional Reading:** (46), (72), (74)
