8. **Aspidosperma cruentum** Woodson - kromantikopi
8a. **Aspidosperma album** (Vahl) Benoist & Pichon - parelhout, gele bast
8b. **Aspidosperma helstonei** van Donselaar
8c. **Aspidosperma excelsum** Benth. - parelhout, zwarte bast
8d. **Aspidosperma megalocarpon** Massart - kromantikopi, kleinbladig

**Family**
: Apocynaceae

**Vernacular names**

Suriname : Kumantikopi / Kabokhalibali
Guyana : Shibadan
French Guiana : Bois macaye / Kiantioutiou
Brazil : Araracanga / Maparana / Jacamim
Venezuela : Canalete amarillo
Columbia : Copachi

**International trade name**
: Araracanga (8), Shibadan (8a)

**Occurrence**
: Suriname, Guianas, Brazil, Venezuela, Columbia, Mexico

**Tree description**

Bole length
: bole 15 - 20 m; tree height 25 - 35 m
Diameter
: 0.50 - 0.80 m
Log shape
: cylindrical or slightly flattened: tree base unbuttressed or light swollen

**Wood description**

Sapwood
: distinct, light yellow
Heartwood
: orange red to reddish brown; upon exposure pinkish brown or pale yellowish brown
Grain
: straight, sometimes irregular or roey
Texture
: rather fine to medium

**Technological characteristics**

**Physical properties (8, 8a)**

<table>
<thead>
<tr>
<th>Property</th>
<th>A. cruentum</th>
<th>A. album</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green density (g/cm³)</td>
<td>1.06</td>
<td>1.03</td>
</tr>
<tr>
<td>Air dry density at 12% MC (g/cm³)</td>
<td>0.95</td>
<td>0.90</td>
</tr>
<tr>
<td>Total tangential shrinkage (%)</td>
<td>9.7</td>
<td>9.6</td>
</tr>
<tr>
<td>Total radial shrinkage (%)</td>
<td>6.8</td>
<td>6.0</td>
</tr>
<tr>
<td>Total volumetric shrinkage (%)</td>
<td>18.8</td>
<td>17.6</td>
</tr>
</tbody>
</table>

**Mechanical properties (8, 8a)**

<table>
<thead>
<tr>
<th>Property</th>
<th>A. cruentum</th>
<th>A. album</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bending strength at 12% MC (N/mm²)</td>
<td>175</td>
<td>176</td>
</tr>
<tr>
<td>Modulus of elasticity (MOE) at 12% MC (N/mm²)</td>
<td>24820</td>
<td>19580</td>
</tr>
</tbody>
</table>
Crushing strength at 12% MC (N/mm$^2$): 89 92

**Processing**

Sawing: moderately difficult, some power required; blunting effect: slight
Drying: easy to air season; risk of distortion and checking: slight
               US kiln schedule T7 - B3 for 25-38 mm stock
Machining: easy
Gluing: good
Nailing: pre-boring necessary
Finishing: good
Veneering: slices well

**Natural durability**

Decay fungi: good to very good
Termites: moderate
Marine borers: poor

**Treatability (heartwood)**: poor to moderate

**End uses**: interior and exterior joinery, flooring, furniture, general carpentry, turnery, carving.

Log shape

**Kromantiekopi – Aspidosperma cruentum** Woodson