29. *Dimorphandra conjugata* (Splitg.) Sandw.  - dakama

29a. *Dimorphandra polyandra* Benoist

**Synonym (29a)**: *Dimorphandra hohenkerkii* Sprague & Sandw.

**Family**: Leguminosae (Caesalpinioideae)

**Vernacular names**
- **Suriname**: Anjama / Akajuran
- **Guyana**: Dakama (*D. polyandra*) / Akayoran (*D. conjugata*)
- **French Guiana**: Aieoueko / Mora de Saint Laurant
- **Brazil**: Faveira-vermelha / Faveira-camurin

**International trade name**: Aieoueko, Fava-vermelha,

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

**Tree description**
- **Bole length**: bole 15 - 20 m; tree height 25 - 40 m
- **Diameter**: 0.45 – 0.75 m
- **Log shape**: straight with large and shallow furrows; tree base with root spurs or buttresses

**Wood description**
- **Sapwood**: distinct, pale white
- **Heartwood**: dark red brown (*D. conjugata*), yellowish with darker streaks (*D. polyandra*)
- **Grain**: straight or slightly interlocked
- **Texture**: coarse

**Technological characteristics**

**Physical properties (29a)**

* D. *polyandra*  
  - **Green density** (g/cm³): 1.05  
  - **Air dry density at 12% MC** (g/cm³): 0.70  
  - **Total tangential shrinkage** (%): 8.2  
  - **Total radial shrinkage** (%): 4.5  
  - **Total volumetric shrinkage** (%): 13.0

**Mechanical properties (29a)**

* D. *polyandra*  
  - **Bending strength at 12% MC** (N/mm²): 119  
  - **Modulus of elasticity (MOE) at 12% MC** (N/mm²): 12170  
  - **Crushing strength at 12% MC** (N/mm²): 62

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**Processing**
Sawing : easy; blunting effect: slight
Drying : difficult; risk of distortion and checking: moderate to high
Machining : easy
Gluing : good
Nailing : good
Finishing : good

**Natural durability**
Decay fungi : very good
Termites : moderate
Marine borers : poor

**Treatability (heartwood)** : poor

**End uses** : interior and exterior joinery, general carpentry, glued laminated beams, furniture, boxes and crates.

**Log shape**

**Dakama** - *Dimorphandra conjugata* (Splitg.) Sandw.