

EYONG

- 1 PILOT NAME** : **EYONG**
- SCIENTIFIC NAME** : Eribroma oblonga Bod.
(= Sterculia oblonga Mast.)
(= Sterculia elegantiflora Hutch & Dalz.)
- FAMILY** : Sterculiaceae

- 2 a. Regional distribution** : West Africa - Central Africa
- b.
- | | | |
|---------------|---|--|
| Ivory Coast | : | BI |
| Nigeria | : | OKOKO |
| Cameroon | : | EYONG, BONGELE |
| Gabon | : | N'CHONG |
| Equat. Guinea | : | N'ZONG |
| Centrafica | : | BONGO |
| Great-Britain | : | (WHITE STERCULIA,
YELLOW STERCULIA) |
- c. Pr. = NEGL. Ex. = FREQ.

- 3 a. Sapwood** : not clearly distinguishable ; rather thick = 10-20 cm commonly
- b. Heartwood** : - colour : creamy white to pale yellowish-brown
- grain : straight or slightly interlocked
- texture : medium
- silver figure : large

4 TECHNOLOGICAL PROPERTIES

- | | | |
|---|-------|-----------------------|
| - Green weight (kg/m ³) = | | 1000 - 1200 |
| - Specific gravity at 12 % M.C. (kg/m ³) MV ₁₂ = | | (medium to heavy) 680 |
| - Volumetric swelling for 1 % MC variation V % = | | (medium) 0.47 |
| - Total tangential swelling T % = | | 11.9 |
| - Total radial swelling R % = | | 4.8 |
| - Crushing strength (N/mm ²) | C12 = | 49 |
| - Static bending strength (N/mm ²) | F12 = | 122 |
| - Modulus of elasticity (N/mm ²) | E12 = | 12700 |

5 PROCESSING

Solid wood

- : - sawing : Easy
- Blunting effect : moderate
- drying : Slow
- Risks of distortion = High
- Risks of checking = High
- Risks of collapses
- machining : No difficulty - Special tool needed
- wood bending : Moderate
- gluing : Good
- nailing : Holding properties = good
- finishing : Good but filling necessary

Veneer

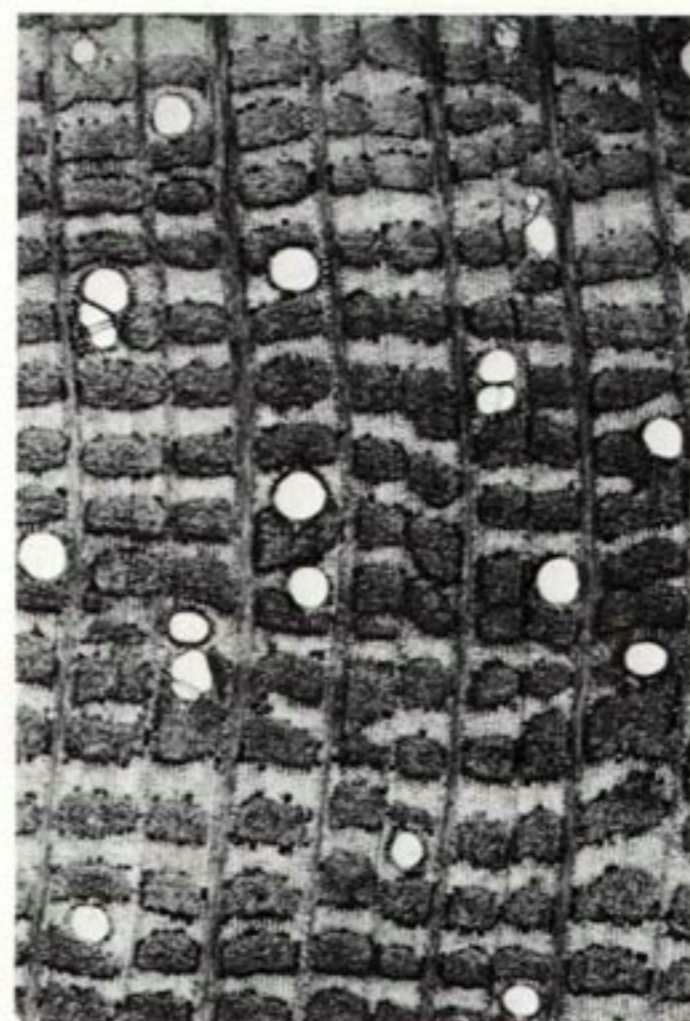
: interesting for ROTARY PEELING (C) and for SLICING

6 END USES

- Decorative sliced veneers
- **Plywood**
- Furniture components
- Interior joinery

7 REMARKS

- natural durability : Perishable
- lyctus susceptibility : Yes
- preservative treatment : Resistant
- other remarks :
 - Similar to LATI from macroscopical and microscopical points of view.



Cross Section (x 14) photo CTFT

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