

The main technological characteristics of 245 tropical wood species

DEVELOPED by the CIRAD's Tropical and Mediterranean Forest Products Research Unit, the 7th release of TROPIX software introduces new features and properties in a friendly interface.

It was designed from our "Tropical woods" database and includes all the results of characterization tests performed by our staff, laboratories and machining center over several decades.

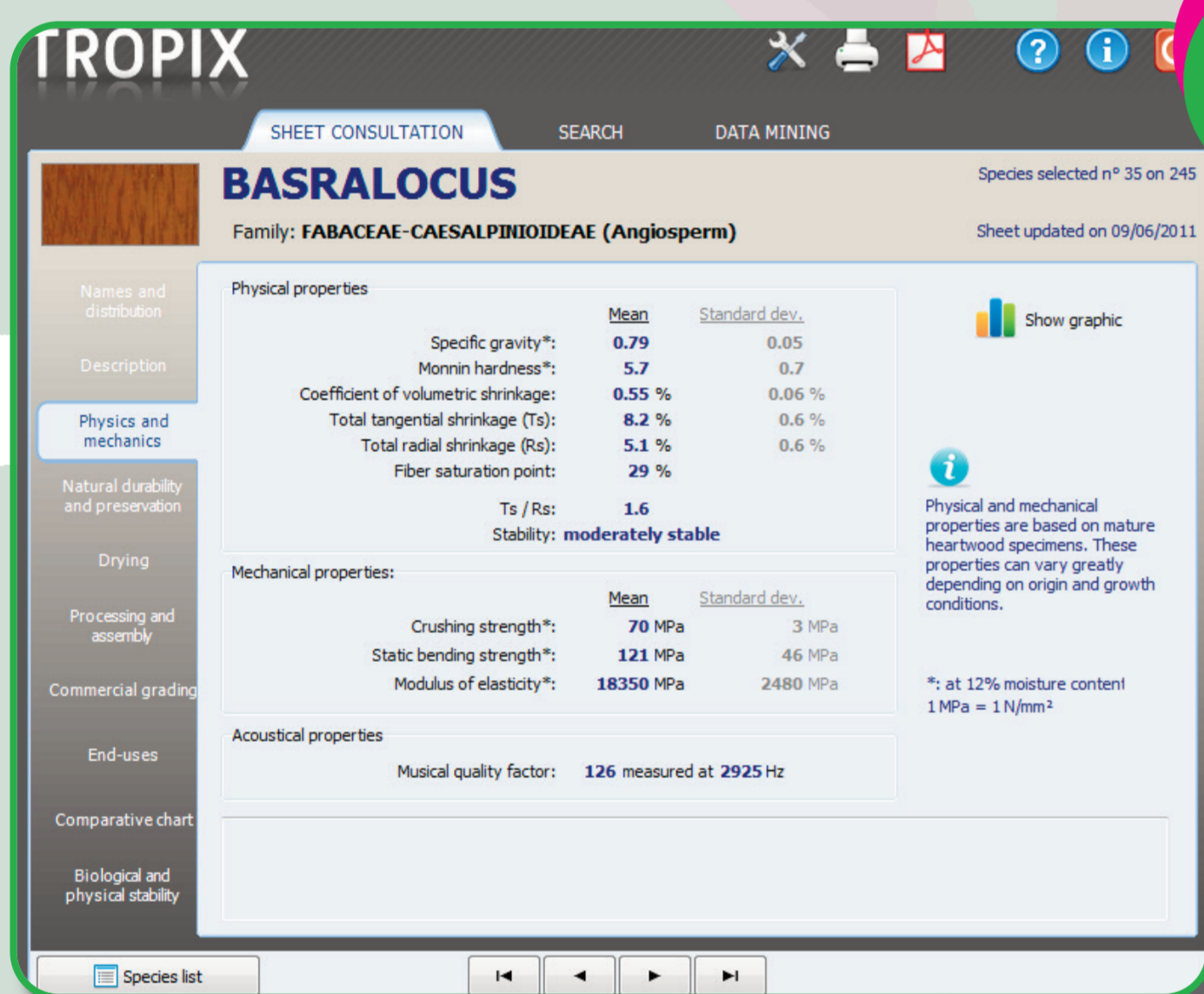
For each species, TROPIX provides data and information on



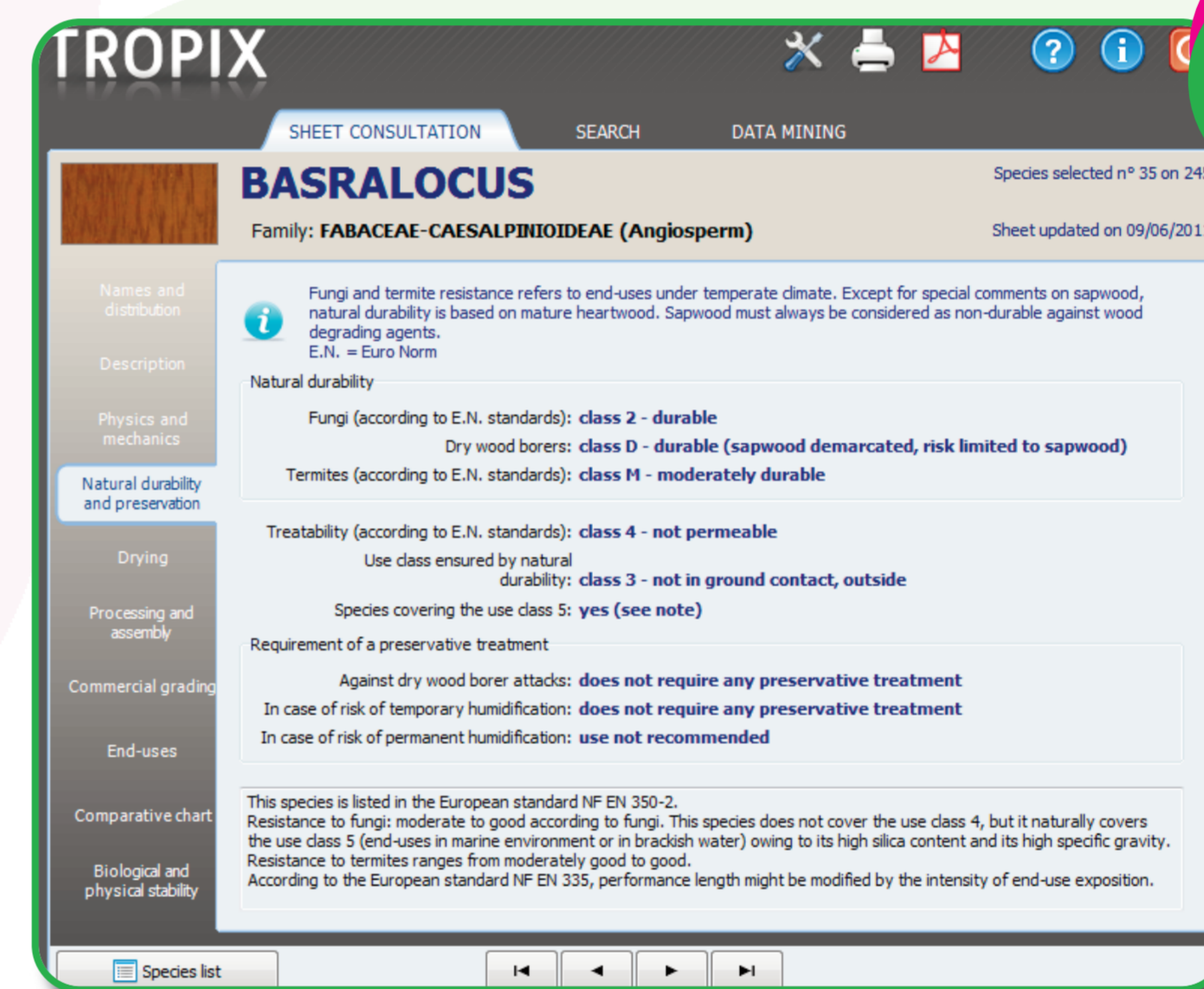
Scientific names, common names, origins illustrated by a detailed map of geographic distribution and any trade restrictions listed under a CITES Appendix.



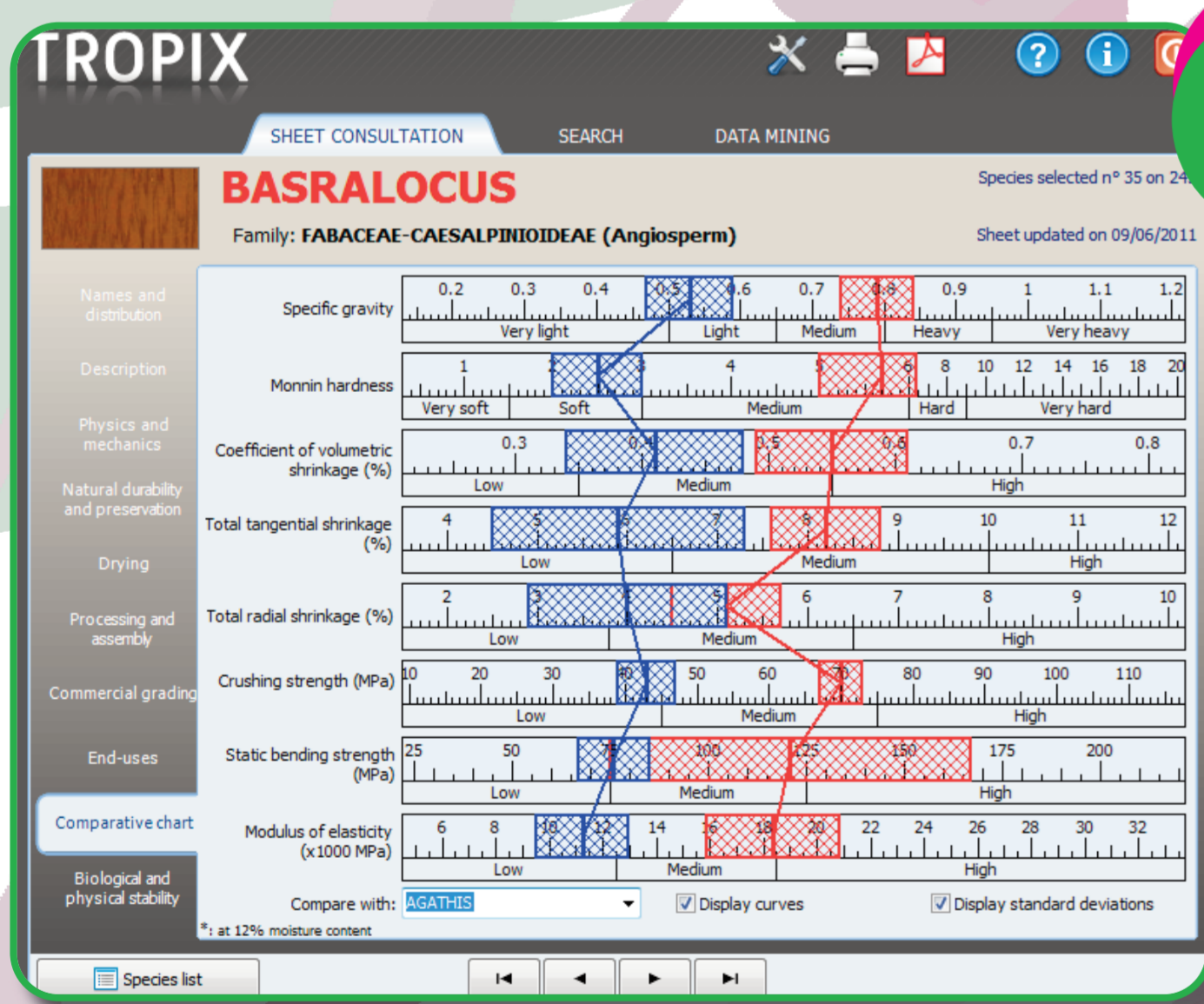
Characteristics of logs: appearance, color and macroscopic structure of wood, illustrated with pictures of wood and examples of use.



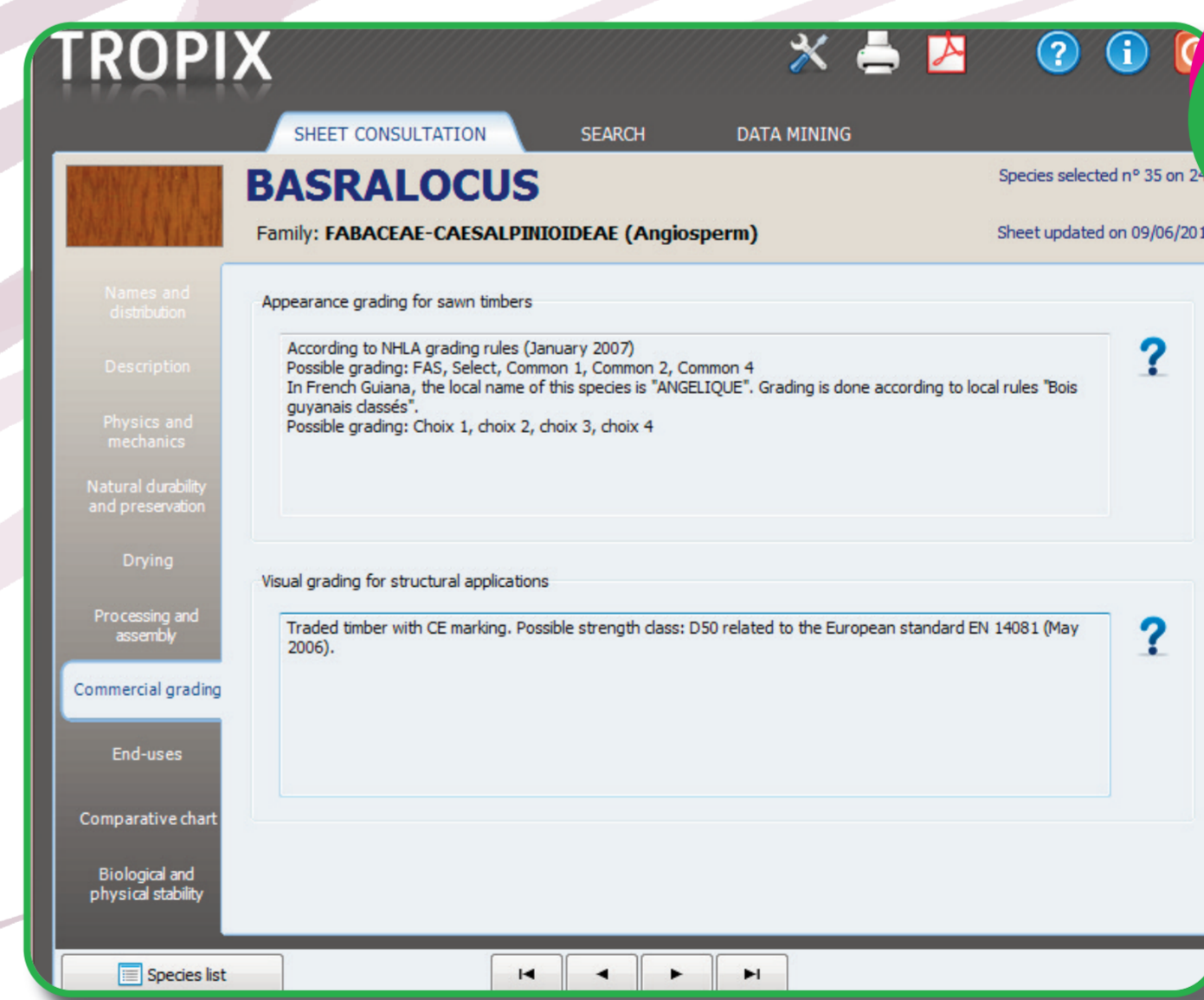
Main physical and mechanical properties such as specific gravity, hardness, stability, shrinkages, crushing and static bending strengths, modulus of elasticity and acoustical quality.



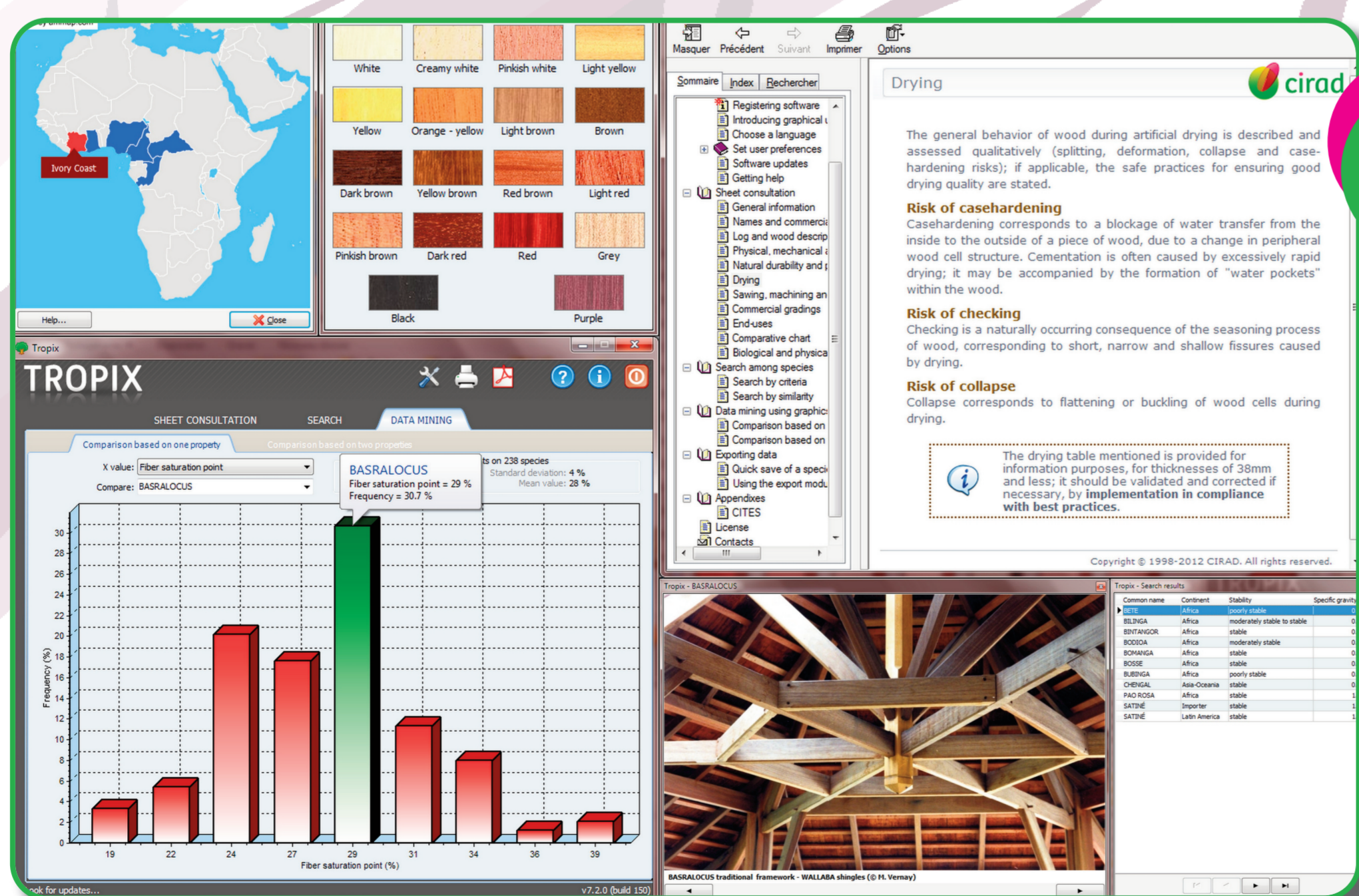
Resistance of wood to biological agents of deterioration (fungi, termites, dry wood borers), impregnability, use classifications, any conditions for preservative treatment according to the conditions of use.



A graphical comparison of the main physical and mechanical properties and a schematic summary of the main parameters of physical and biological stability.



Commercial grades: appearance grading of sawn timbers according to the existing rules and visual grading for structural applications



Even more data & features: Behaviour of wood during processing, drying and assembly. Main actual or potential uses; reaction to fire according to European standardization. Data-mining for species comparison using graphics and histograms.

TROPIX also allows searching of species by criteria or by similarity to other species. You can print and/or export to PDF all technical sheets, lists of research results, ... Regular updates available on internet.

TROPIX 7 runs on Microsoft Windows®
Minimum system requirement:

- Windows XP or later version (32-bit only)
- Internet Explorer 7 (or higher) and Adobe Flash Player 8 plugin (or higher)
- 120 MB free disk space, 1024 x 768 screen resolution

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