IDAQ: a graphical tool for computer-assisted plant identification

Graphical interface

- Multi-entry identification approach with morphological, ecological and geographical identification characters (friendly use user interface, non-ordered characters selection, graphical representation of characters states combination)
- On-line and off-line access, with applications to several different floras (ligneous trees, invasive weeds, epiphytic plants, …)

Direct Link: Identification characters accessible directly by simple click on the graphic interface.

Indirect Link: Identification characters accessible only after the selection of a previous parent-state of character.

Specific interface: Graphic interface adapted to particular flora, or specific end-users.

Background knowledge: No need of specific botanical knowledge (adapted to numerous potential non-specialists, only one application for various languages).

Graphical advantages

- Easily understandable presentation of characters states.
- Identikit updated with user selections.
- Various possible fields of application (floral or vegetative morphology, palynology, wood anatomy, etc…)

Powerful functionalities

- Multi-entry system, tolerant to observational errors.
- Missing information tolerated.
- Numerous descriptions, photos and illustrations by species.
- Portable on several supports, for field use or laboratory work.
- Accessible on-line on Internet, with SVG format.
- Multilingual applications.