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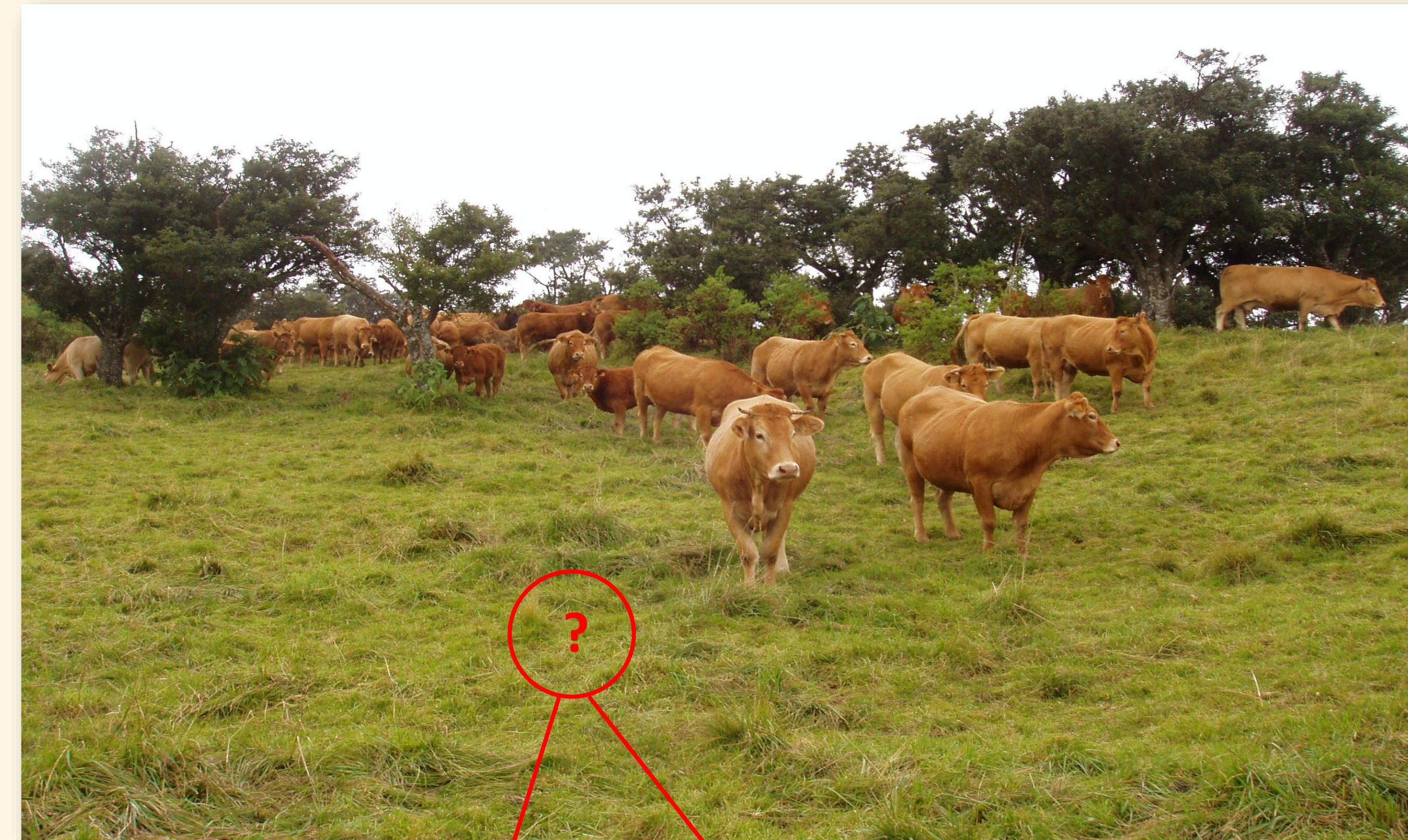
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New technologies for sharing and disseminating knowledge on tropical weeds for better management of pastures: the WIKTROP collaborative portal

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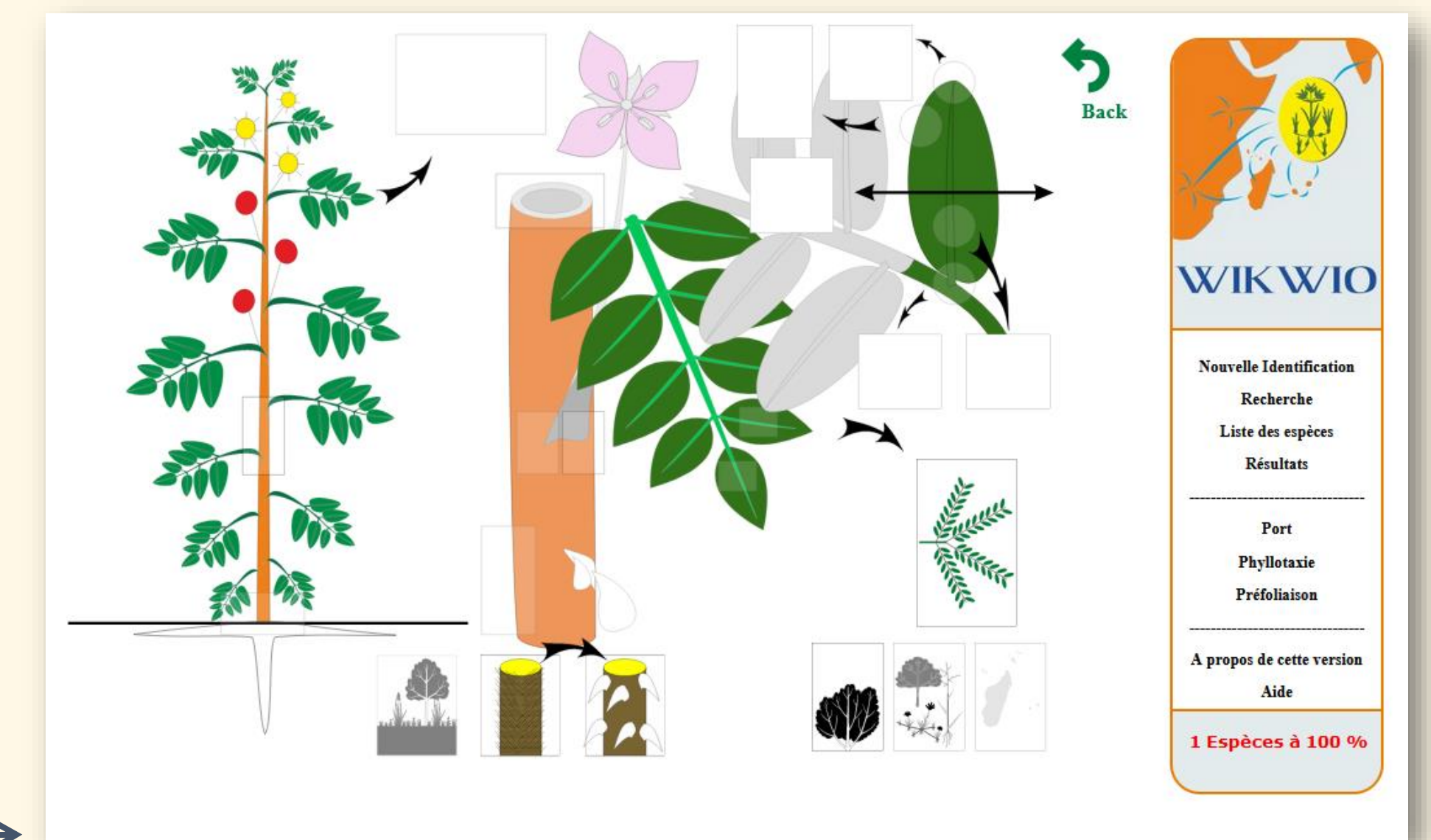
In tropical pastures, weeds are a significant threat and their control is an important issue depending in their ecological and economic impacts.



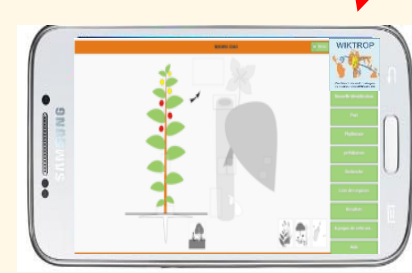
From exhaustive information on weed species, their behavior and their control, farmers can elaborate better strategies for pasture management and weed control

Plants that appear spontaneously in pastures can be native or exotic, can be harmful or/and beneficial depending on the point of view (agricultural, medicinal, food...) and its abundance. How can farmers access information on identifying and managing weeds? Is it necessary to eradicate or reduce the population of a particular species? Can farmers make knowledge-based decisions on the disadvantages and benefits of each species? WIKTROP aims to empower support farmers through free access to information and knowledge on weeds.

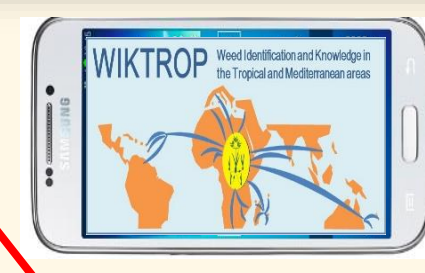
Wiktrop – IDAO identification system
 Help identification by building the robot portrait of the plant



Identifying the weed with Wiktrop-IDAO, a robot portrait system



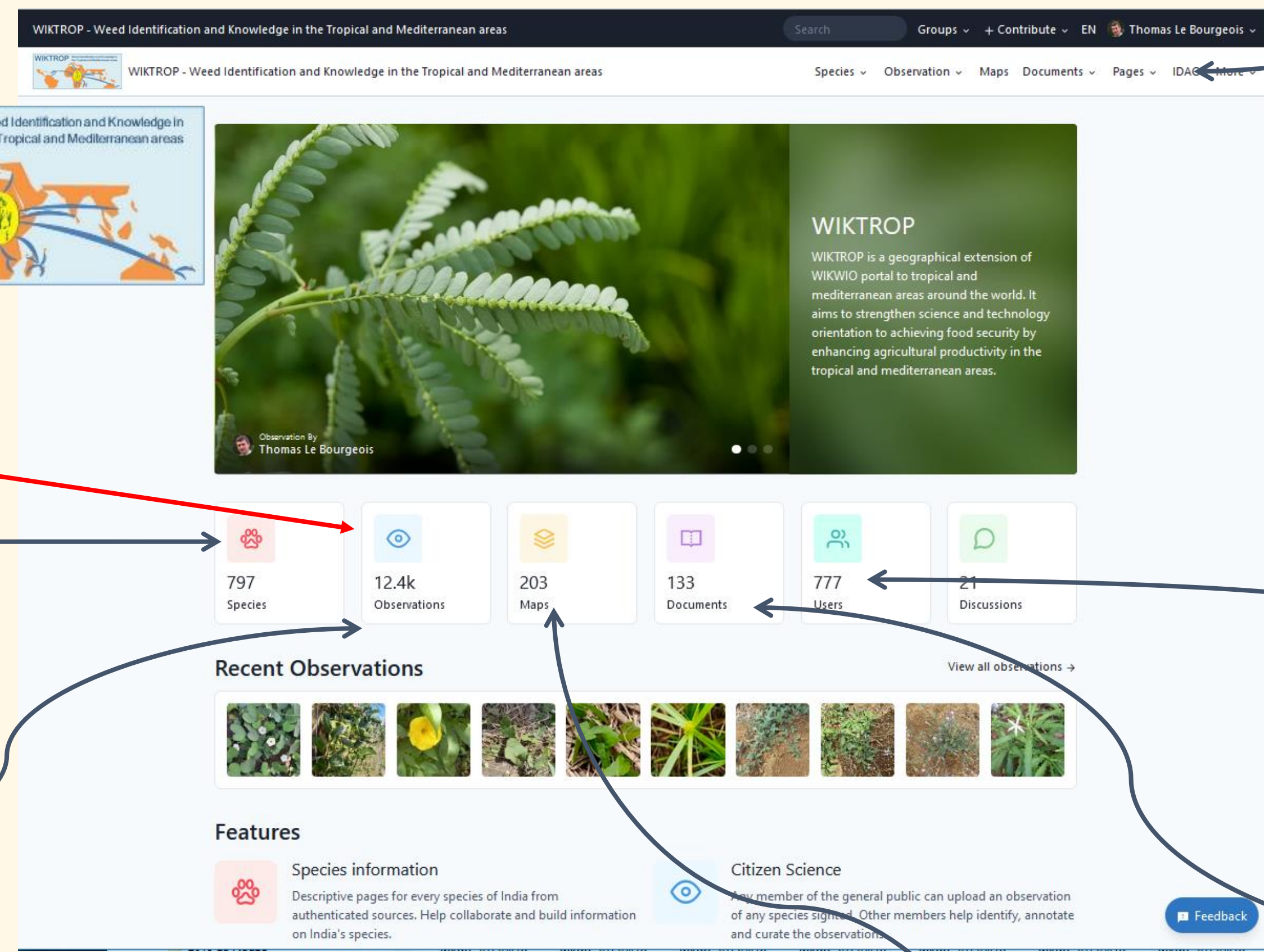
Mimosa pudica L.



Taking pictures of the weed with Wiktrop app.



Posting observations to the Wiktrop collaborative portal



769 Members (scientists, agronomists, lecturers, technicians, students, farmers)
 31 450 Visitors

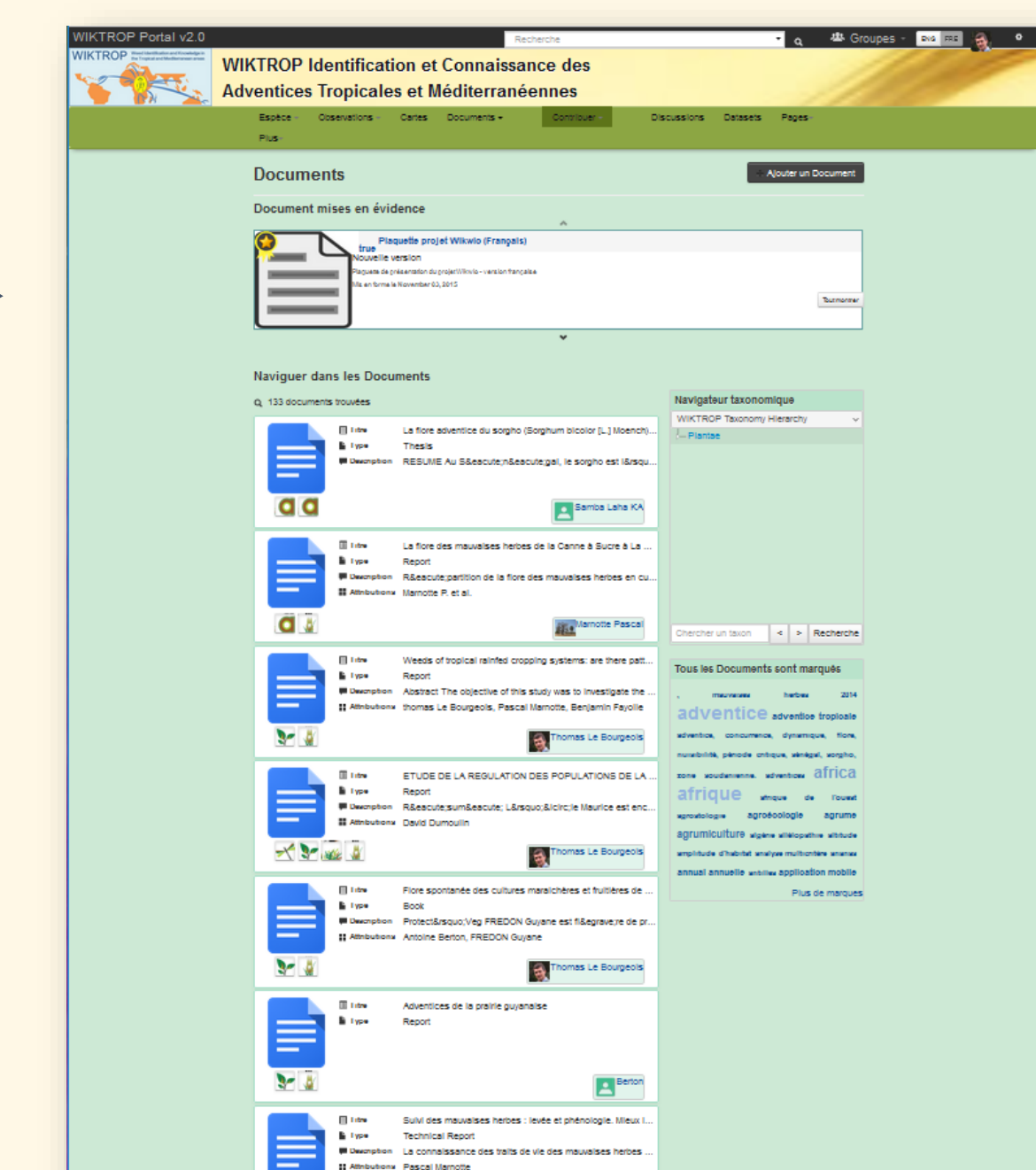
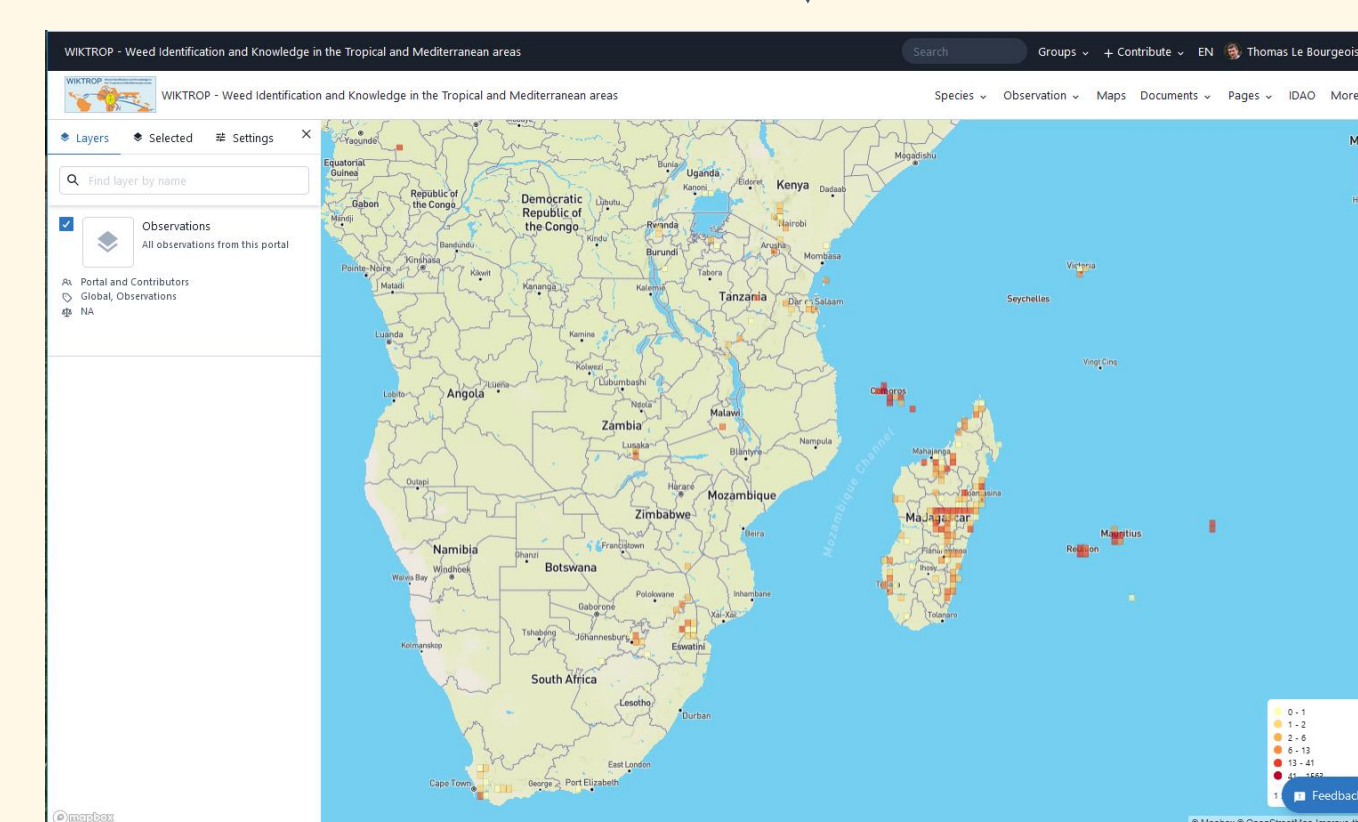


797 Species pages with details on
 Taxonomy
 Botanical description
 Ecology
 Biologie
 Distribution
 Harmfulness
 Control
 References

12 412 Observations
 1 039 Species
 45 758 Images

<http://portal.wiktrop.org>

Mapping of observations, with different map layers



133 Documents on weed science and weed management shared (technical, scientific, protocols, theses...)