

Biodiversity conservation practices and knowledge of local communities living near the Kousmar classified forest (Senegal).

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Introduction

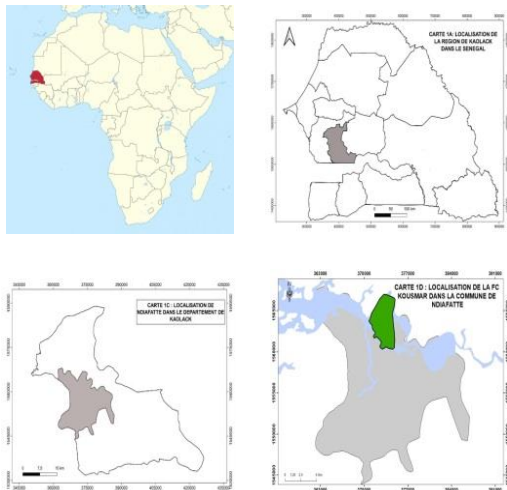
Tackling the erosion of biodiversity international priority and requires paradigm shift.



IPBES therefore encourages recognition and respect for the contribution of endogenous knowledge, which is rich in information for biodiversity. The relationship between knowledge and resources in different ethnic groups can be explained by :

- ❖ a centuries-old cohabitation;
- ❖ a dependence on them;
- ❖ constant evolution.

Location of study area



Objective

- ❖ Determining the ecological role of endogenous knowledge in conservation

Hypothesis

- ❖ Endogenous knowledge plays a crucial role in maintaining and protecting resources

Methodological approach

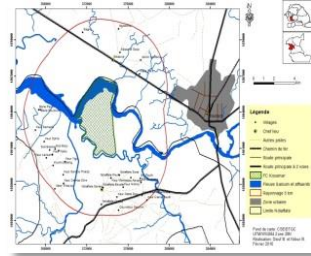
- Documentary research
- Field work
 - Observations
 - Household surveys
 - Interviews
 - Floristic inventories

Use of a variety of tools

- Household questionnaire
- Interview guide
- Ethnobotanical cards

Tab. Number of villages per sector and sampling

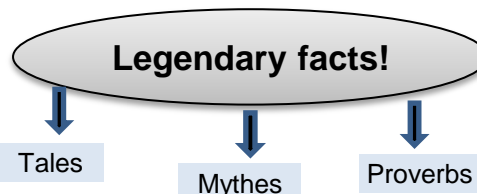
Sectors	Sout			Total
	North	h	West	
Number of villages	6	13	14	33
Sampling rate	30%	30%	30%	
Sample obtained	1	4	5	10



5 km radius from the edge of the classified forest

Results

Tipping legendary facts to protect resources



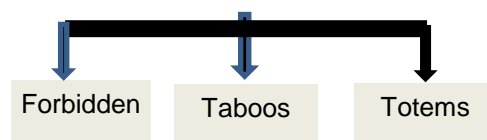
Ways of thinking about the world and raising awareness of the need to maintain and protect living potential.

The use of animals as an element of Communication and time orientation



Key messages are drawn from the world surrounding animals; hence their importance. These animals are as good to think about in their syncretism as they are to eat

Cognitive equipment for animal resources



- Sacred species
- Cultural significance

The veneration of animal species is a factor in regulating biodiversity

- Kinship and pacts through anthroponyms
- Human protection indicator



Example of a community totem animal (*Varanus nilotica*)

Near or distant prediction of a wet or dry winter through plant resources



Example of *Cordyla pinnata* and *Adansonia digitata* according to flowering location

Women's rituals contribute to respect for resources



Arrangement of rods on and in front of the door of a woman's room after giving birth, to protect the mother and her baby.

Tab. Species involved in this post-natal ritual

Scientific names	Families
<i>Combretum glutinosum</i>	Combretaceae
<i>Calotropis procera</i>	Apocynaceae
<i>Pterocarpus erinaceus</i>	Fabaceae

Conclusion

- A conservation process for the plant and animal world stems from the endogenous knowledge system
- They are therefore an intangible heritage to be included in conservation tools and policies in the context of the search for protection mechanisms.

Contact

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