

# Conservation of Ectomycorrhizal Fungal and their Habitat: Challenges for Sustainable Management of Biodiversity in



## Benin (West Africa)

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#### Introduction

Tropical forests cover about 7% of the Earth's surface and contain at least 50% of global diversity but are currently under serious threat due to human activities and climate change which lead to species disappearance including fungi. In attempt to prevent that, local populations should be aware of the conservation of partner trees in order to get them more committed into fungal conservation.

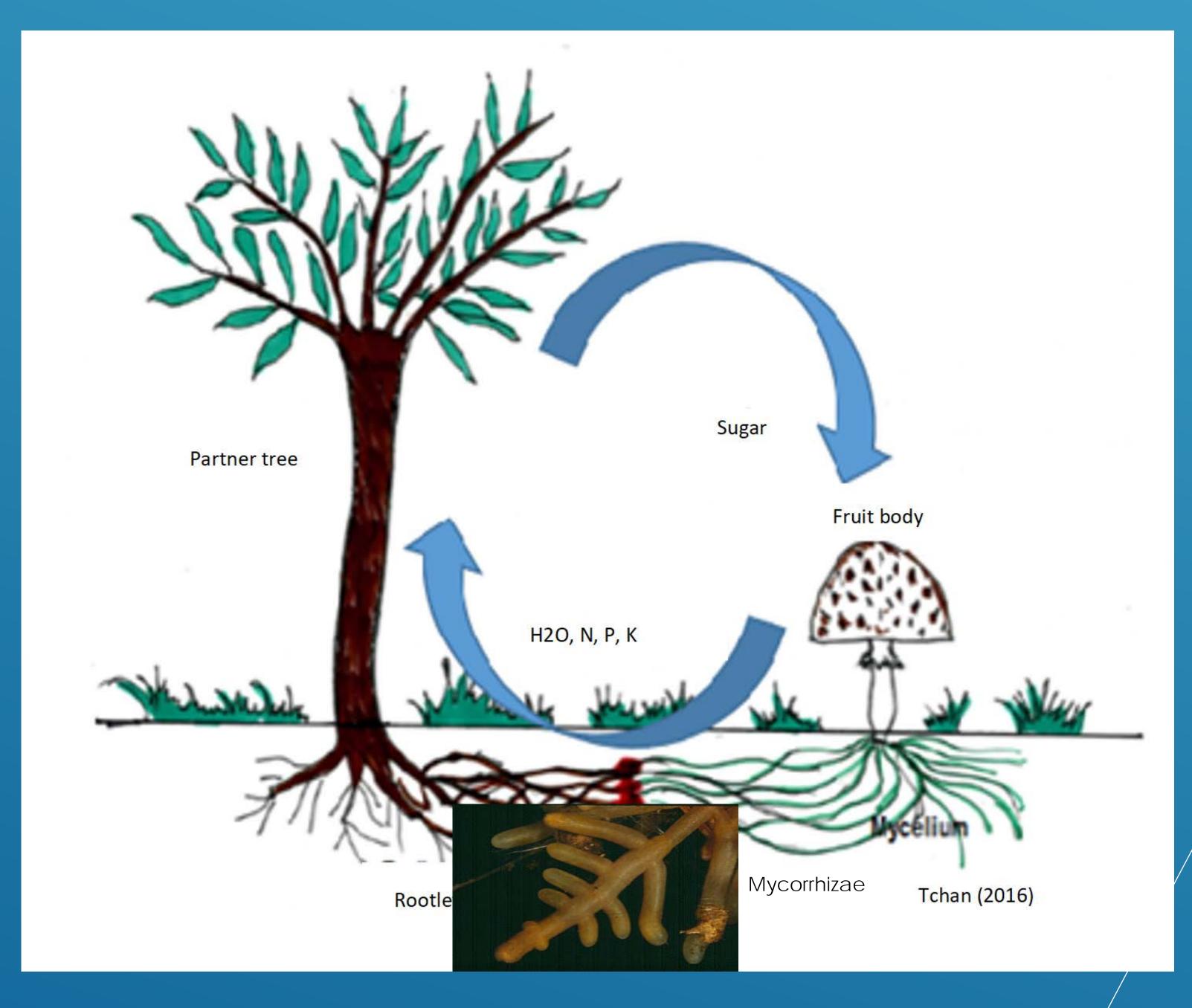
#### Threats on the habitat of mushrooms and their effects







Ectomycorrhizal symbiosis



#### Conclusion

For effective conservation of ectomycorrhizal fungi and their habitats, local populations has to:

- -Respect the limits of the classified forests during agricultural activities;
- Avoid excessive logging of partner trees of fungi;
- Promote sustainable forest management.

# threats on partner trees



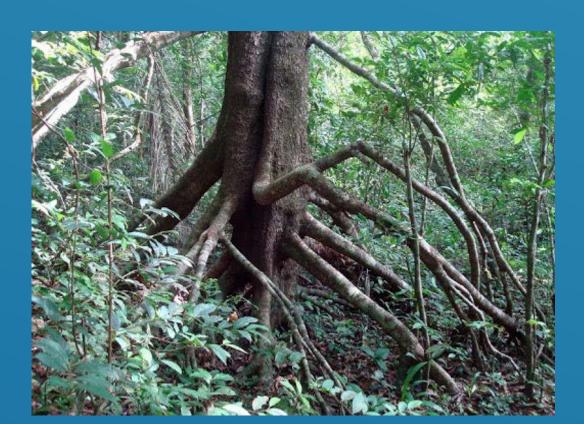
Berlinja grandiflora (Vahl) Hutch.



Uapaca togoensis Pax



soberlinia doka Craib et Stapf, https://www.webonary.org/





Uapaca guineensis Müll.Arg. http://www.westafricanplants.senckenber g.de/

### Acknowledgments

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