

PHENOLOGY OF TREES IN BWINDI IMPENETRABLE NATIONAL PARK



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SUMMARY

- This study has started (March 2011) recording monthly abundances of flowers, fruits and leaves of trees in BINP
- The main aim is to monitor phenological patterns of trees in Bwindi
- These data will help us better understand how temporal changes in climatic conditions, mainly temperature and rainfall, influence phenological patterns of trees
- In addition, these data will shed light on the impact changing environmental conditions are having on plant and animal life in Bwindi

SAMPLING DESIGN

- 18 transects laid out starting from valley through lower, mid and upper slopes to hilltop following randomly selected compass bearing
- 106 plots each 5m wide but with variable length
- A total of 530 trees were marked with paint



PHENOLOGICAL DATA

- Tree characteristics recorded include stem diameter, total height, tree condition and exposure



- Phenological data include new leaves, old leaves, dead/dry leaves, leaves on the ground, ripe fruits, unripe fruits, fruits on the ground, flower buds, open flowers and flowers on the ground

END AND THANK YOU

