



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

SwedBio

A programme at Stockholm Resilience Centre



Engaged lives
Resilient nature

Protecting bats and human livelihoods: ecosystem services by bats

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Small Mammal Conservation Organisation
(SMACON)

Anglophone Africa Regional Trialogue:

**Bright Spots for Land Degradation,
Neutrality, Pollinators,
and Food Security**

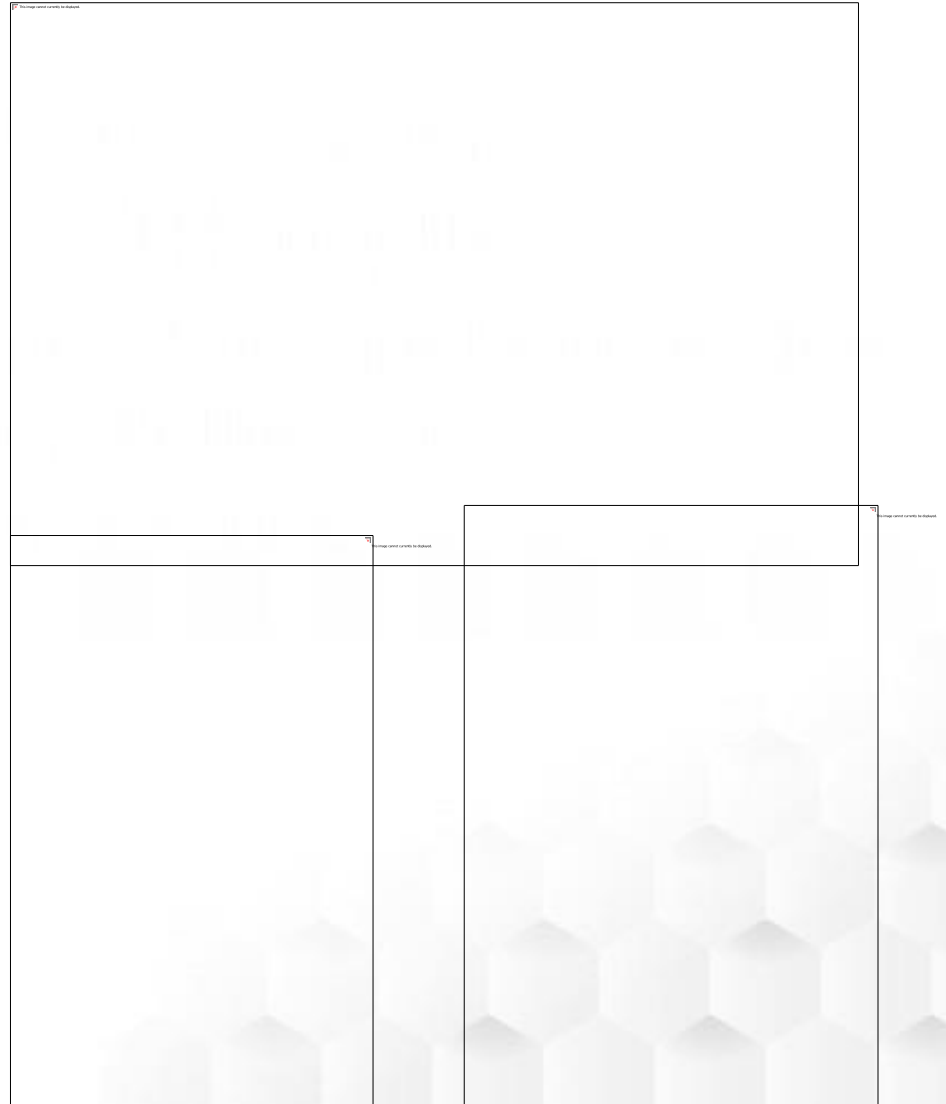


28-30 May 2019
Nairobi, Kenya



Nigeria: high bat diversity

- ~ 1400 bat species globally
- 12 ecoregions – Nigeria most ecologically diverse country in W. Africa.
- 2014 revised checklist: ~ 90 bat spp.
 - Recent new country records: ~ 100 spp.
- Fruit bats: 15 spp.
- Insectivorous bats: 75+ species



Bat conservation in Nigeria

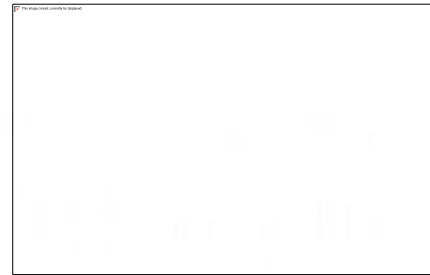
- Conservation status: LC = 77, NT = 6, VU = 1, DD = 6
- Major threats:
 - Habitat loss
 - land use conversion
 - Hunting/roost disturbance
- Conservation efforts
 - Roost protection – legislation, ranger patrols
 - Habitat protection – end wildfires
 - Alternatively livelihood for hunters



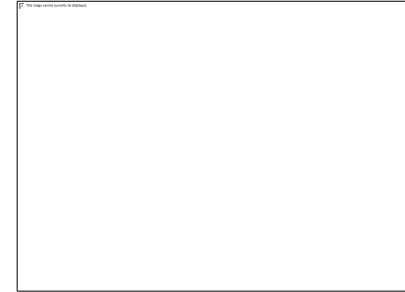
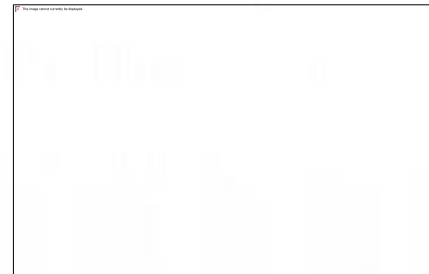
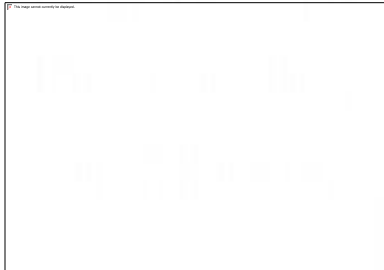
Ecosystem services by bats: pollination



Parkia biglobosa
Locust beans



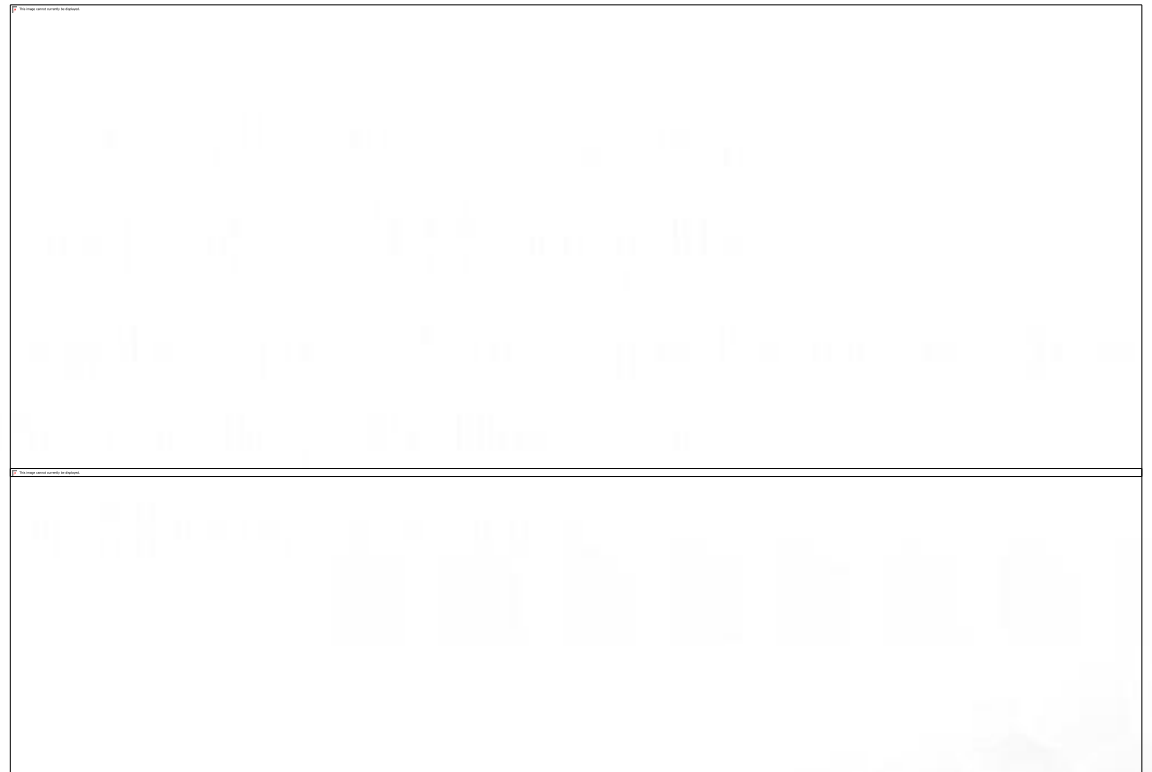
Ceiba pentandra
Kapok



Adonsionia digitata
Baobab

Bats of Nigeria Project

- Diversity
- Ecology
 - Distribution
 - Ecosystem services
 - Disease ecology
- Conservation
- Capacity building
- Small Mammal Conservation Organization (SMACON)
Follow us: www.smacon-africa.org and facebook



Capacity building

- No established in-country professor
- Growing interest in bats
 - Research
 - Conservation
- Workshop
 - International mentors
 - Hand-on field skills
 - Project design
- Research fellowship
 - Proposal writing
 - Literature access
 - Equipment loan

