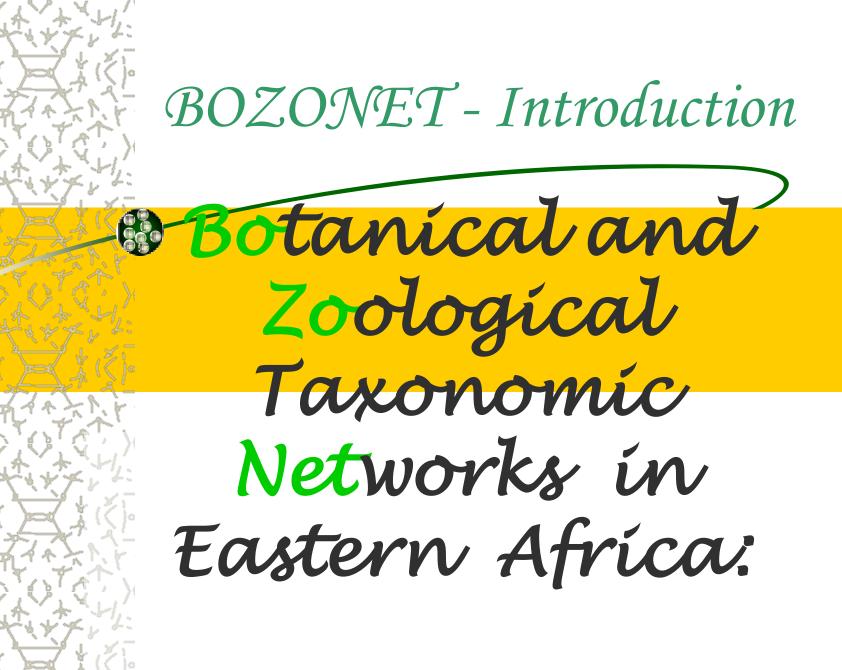


Mathias Behangana BOZONET Regional Coordinator ICIPE





## "Linking Conservation and Taxonomy"



**Focus Countries** 

Ethiopia Kenya Uganda Tanzania

Funding: GEF **Regional Coordinating Institution** ICIPE – The Lead Agency mandated by **UNDP to execute the Project** National Coordinating Institutions Ethiopia – University of Addis Ababa (UAA) Kenya – University of Nairobi (UoN) Tanzania – University of Dar es Salaam (UDSM) Uganda – Makerere University (Mak)

RATIONALE

BOZONET-CBOL

The Global Taxonomy Initiative (GTI) in the Darwin Declaration identified the Taxonomy Impediment, as the core of the conservation/taxonomy problem. The impediment is defined as: "The gaps in knowledge of taxonomic systems, and the reduced impact by not using such knowledge in the management and sustainable use of biodiversity".

#### **KEY INNOVATION**

BOZONET-CBOL

BOZONET's key innovation is in building the Bridges between taxonomists and the end <u>Users</u> (field conservationists, tourism, potential bioprospectors, local communities, etc) who need taxonomic information, and cementing this linkage through joint biodiversity oriented fieldwork and networking.



### Expected Outcomes

Taxonomic tools and capacity

Such taxonomic tools and information used to improve the conservation of biodiversity and its sustainable use in the field.



#### **Expected National Benefits**

BOZONET will generate taxonomic information that will assist decision-making on achieving the objectives of meeting country obligations The CBD Global Taxonomy Initiative (GTI). Global Strategy for Plant Conservation

(GSPC) – 11 out of 16 targets.



- 2. Economic and environmental importance of taxonomy
  - ✓ Food security agrobiodiversity, food security, biocontrol (reducing insecticide use, DDT!!!).
    - *Bioprospecting (Medicinals and aromatics) and biopiracy (Microorganisms).*
- ✓ Invasive species Ecotourism
- ✓ EIAs
  - ✓ Hotspots and Key Biodiversity Area inventories



# The potential of the emerging tools for user-friendly identification ✓ Molecular tools (CBOL) ✓ IT tools (GIS, Cellular etc). **Reducing dependency**





Thank You