

## Increased capacity for conservation of freshwater biodiversity in Uganda

*Laban Musinguzi*

# PROJECT OVERVIEW

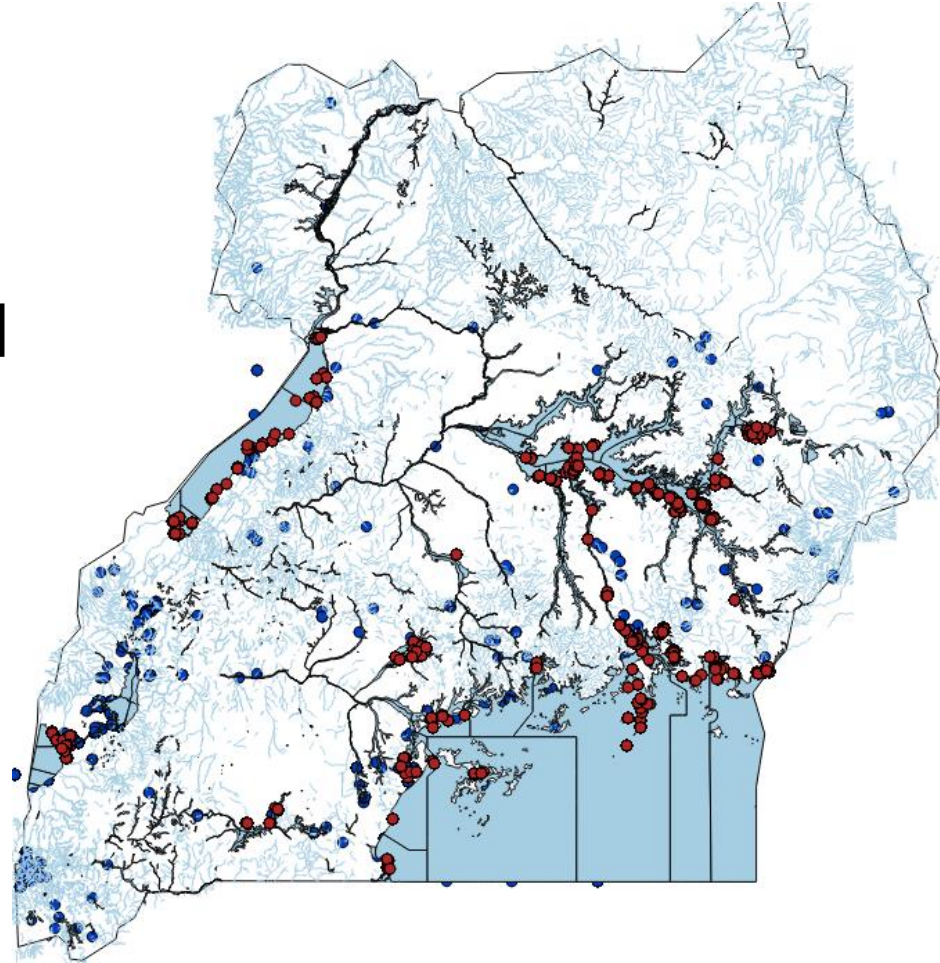
- Effective biodiversity conservation requires reliable data
- Biodiversity data remains inaccessible to users for decision making

Specific objectives:

1. mobilize fish occurrences (at least 10,000) from Uganda's aquatic systems,
2. increase capacity in data mobilization and publishing
3. increase awareness among policy makers to use the data for decision making.

# DATA MOBILIZATION

- Two datasets with a total of **10,691** occurrence records (106% of the target) published on GBIF
- Before BID project:
  - a) Only 1,985 records with coordinates
  - b) no national publishing institution



# APPLICATIONS OF THE MOBILIZED DATA

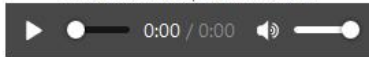
1. Mobilising more funding for expanding biodiversity informatics activities
2. Designating KBAs for aquatic biodiversity & updating conservation status of fish
3. Contribution to strategic objectives of NBSAP & reporting to CBD
4. Development of a data portal (Freshwater Biodiversity Portal for Uganda: <https://freshwaterbiodiversity.go.ug/>)
5. Engaging policy makers to increase the use of biodiversity in decision making-**policy brief**

<https://freshwaterbiodiversity.go.ug/>

Home Browse Portal ▾ Forum Advanced Search Resources ▾ Help ▾ Contribute ▾ Login

**Labeo victorinus (Boulenger, 1901)**  
Status: Accepted name

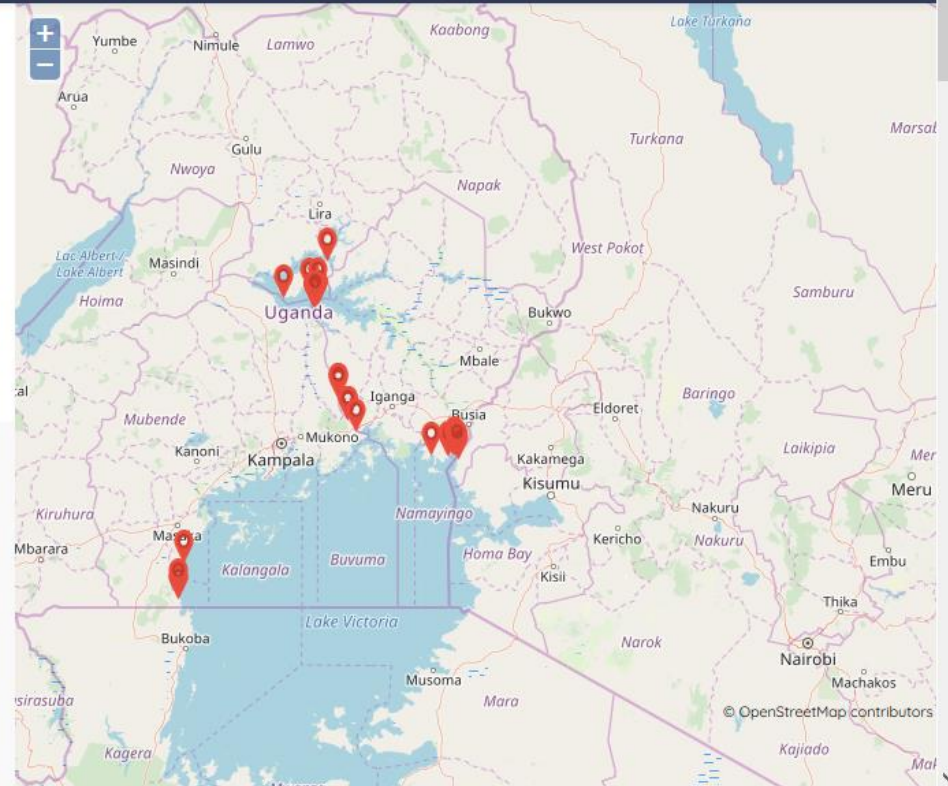
Scientific name pronunciation:



All datasets ▾

All species ▾

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# CAPACITY DEVELOPMENT & SUSTAINABILITY



- Capacity enhancement of scientists in biodiversity informatics—  
Nine (12) are actively mobilising and publishing data
- NaFIRRI is a registered publisher —datasets in performance plans
- Strengthened linkages with data holders & users including policy makers — NEMA

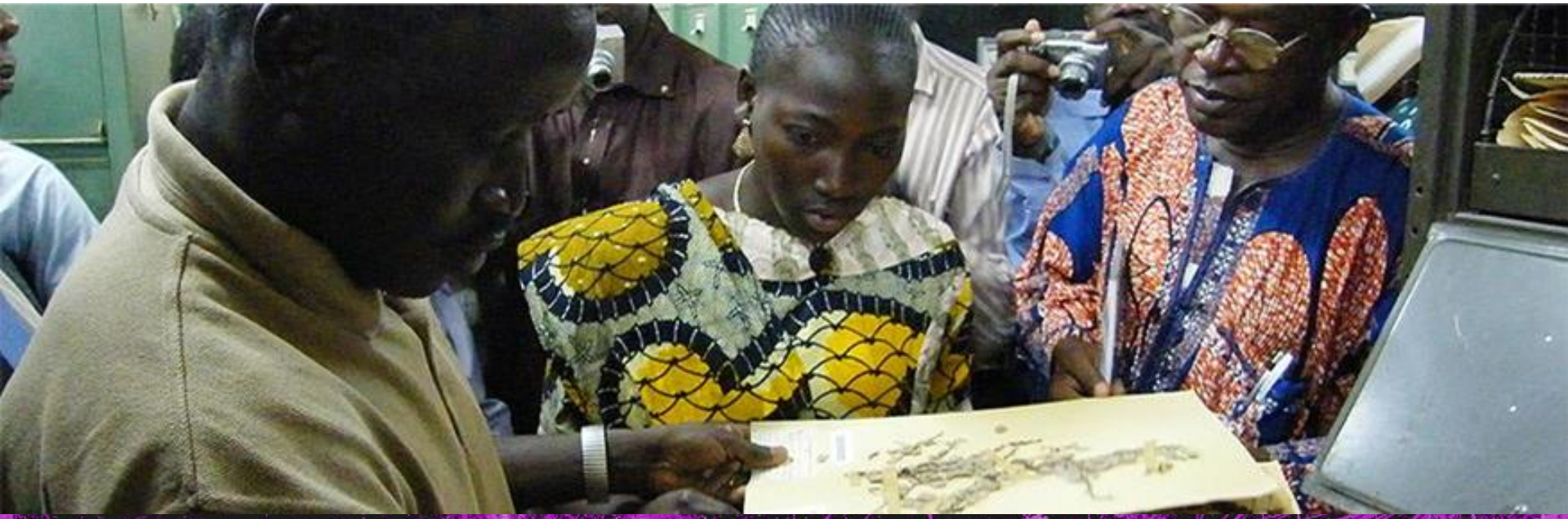
# LESSONS LEARNED

1. Data mobilisation & publishing by home based (local) data holders could exponentially increase data availability within GBIF
2. Extended mentorship and motivation—key for sustaining local data sharing efforts.
3. Need to transform mobilized primary biodiversity data into *biodiversity information & knowledge*

# Acknowledgments

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## Increasing capacity for conservation of threatened fish species through data mobilization and training

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