



# *BIDImpact In Raising Capacity of Research Institutions In Cameroon*

Presented By  
Yunkavi Sabastian Wirsiy  
IT Coordinator (TroPEG Cameroon)  
Email: [stainopel@gmail.com](mailto:stainopel@gmail.com)  
Phone: +237674524681







## ***Tropical Plant Exploration Group (TroPEG) Cameroon***

❓ **Registration number:** 03/G40/606/AR/BASC/SP in 2010 in Mundemba with an office in Buea, South West Region of Cameroon.

❓ **Mission:**

- To explore and document the different Vegetation types, and Biodiversity taxa in Africa.
- Train young scientist in biodiversity, ecology, systematics, Biodiversity Informatics and taxonomic issues.
- Mainstream between research, livelihood, Information technology and sustainable development
- Fostering Collaboration with other institutions with the same objectives



# *Tropical Plant Exploration Group (TroPEG) Cameroon, Cond't*

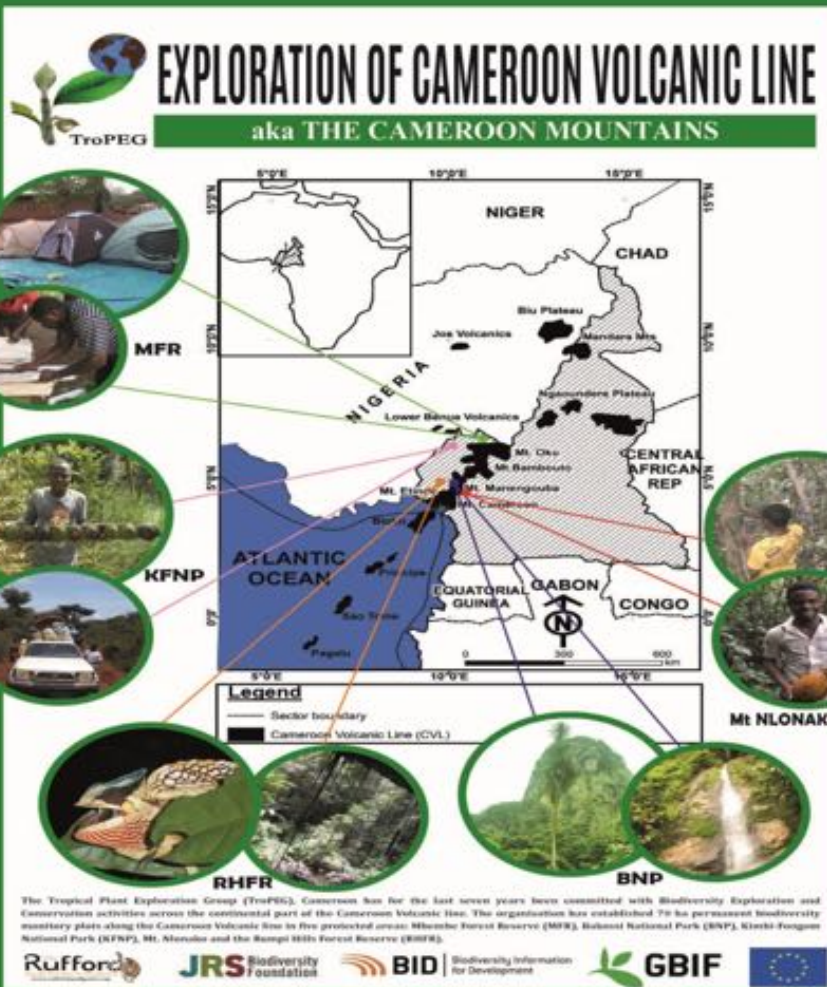
❓ **Goal:** To become one of the leading institutions in Biodiversity, Research, and sustainable development in the region.

❓ **Structure**

- **Board of Trustee**

- **An executive Team**

- ❖ **Research Director, Three Coordinators, Volunteers, Students on internships, and Field Assistants**



# Where We Work

- In all, TroPEG has established a total of 70 ha permanent monitoring plots along Cameroon's volcanic line
- 2011, TroPEG established 4 hectares permanent plots Mbembe Forest Reserve, NWR,
- 2015, TroPEG established 17 ha permanent monitoring plots in the newly created Kimbi Fungom National Park.
- 2015, TroPEG established 25 ha permanent monitoring plots in the Rumpi Hills Forest Reserve
- 2016, established 12 ha permanent monitoring plots in the Bakossi National Park,
- 2016, established 12 ha permanent monitoring plots in Mt Nlonako





# What We Produce

- Newsletters
- Books
- Reports
- Publication
- Magazines
- Catalogues
- Floristic inventories
- Describe new species
- Datasets

Open Source Via

1. Our Website :

[www.tropegcam.org](http://www.tropegcam.org)

2. GBIF Portal:

<https://www.gbif.org/publisher/50a4c4c2-3b12-4515-b4b5-ee39ef7fba8c>

# What We Produce Cond't



## Rumpi Tea (*Camellia sinensis*)

- Product from our livelihood conservation scheme
- Produced using Analog Forestry Tree Gardening Technique.
- More at:
  1. <http://tropegcam.org/rumpi-tea/>
  2. <http://tropegcam.org/wp-content/uploads/2017/12/2017-Towards-resilient-agriculture-systems-and-biodiversity-conservation.pdf>

# Research Grants

- BID/GBIF/EU 2017 - 2018
- JRS Biodiversity Foundation 2015 - 2018
- Rufford Small Grant Foundation, Second Booster Grant, UK. 2016
- Rufford Small Grant Foundation, Booster Grant, UK. 2015.
- Rufford Small Grant Foundation, UK. 2013
- Rufford Small Grant Foundation, UK. 2012
- Mohamed bin Zayed Species Conservation Fund. 2010.




# TroPEG's BID Grant



# *TroPEG' BID Grant*

- ❑ TroPEG's involvement with Biodiversity informatics began in 2013.
- ❑ Via the Biodiversity Informatics Training Curriculum (BITC) following a series of workshops
- ❑ Organized Kenya (2013), Ghana (2014), Uganda (2014), Cameroon, Buea (2015), Ethiopia (2015), Cameroon, Yaoundé (2015).
- ❑ Dr. Sainge N. Moses and Mr. Ngoh Michael Lyonga benefited from this training.
- ❑ Dissemination: 4 Cameroonians trained (but just 1 person concretely just Mr. Yunkavi Sabastian Wirsiy)

# *TroPEG' BID Grant Cond't*

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- ❑ In March 2017, TroPEG sent a concept note to Biodiversity Information for Development (BID) on data Mobilization Of Biodiversity Data Related To Protected Areas And Threatened Species In Western Cameroon which was accepted
  - ❑ Full proposal sent in July 2017. Proposal was accepted in August 2017
  - ❑ BID PROJECT: BID-AF2017-0039-SMA
  - ❑ Project span: November 2017 to November 2018.
    - TroPEG and Biodiversity Institute, University of Kansas are Partners
    - Collaboration with University of Buea, via the Dept. of Botany and Plant Physiology.
    - Funds from European Union through BID/GBIF




# *TroPEG' BID Grant Cond't*



❓ Two workshops were slated:

- Intro. workshop on Biodiversity Informatics and Data Mobilization for Postgraduate students at the Department of Botany and Plant Physiology, University of Buea. (One day, January 13, 2018)
- Full workshop titled “Biodiversity data capture, cleaning and management” was carried out at the University of Buea (4 days, February 26<sup>th</sup> – March 1<sup>st</sup> 2018)
  - 23 participants (Both undergraduate and postgraduate)
  - Across 5 departments (Botany, Geography, Chemistry, Environmental sciences and Computer Engineering)
  - From 2 universities in Cameroon (University of Buea, Yaoundé 1)



# *Biodiversity Information for Development (BID) Program*

<http://www.gbif.org/programme/bid>

- €3.9 million, mult-year, EU funded
- Administered by GBIF

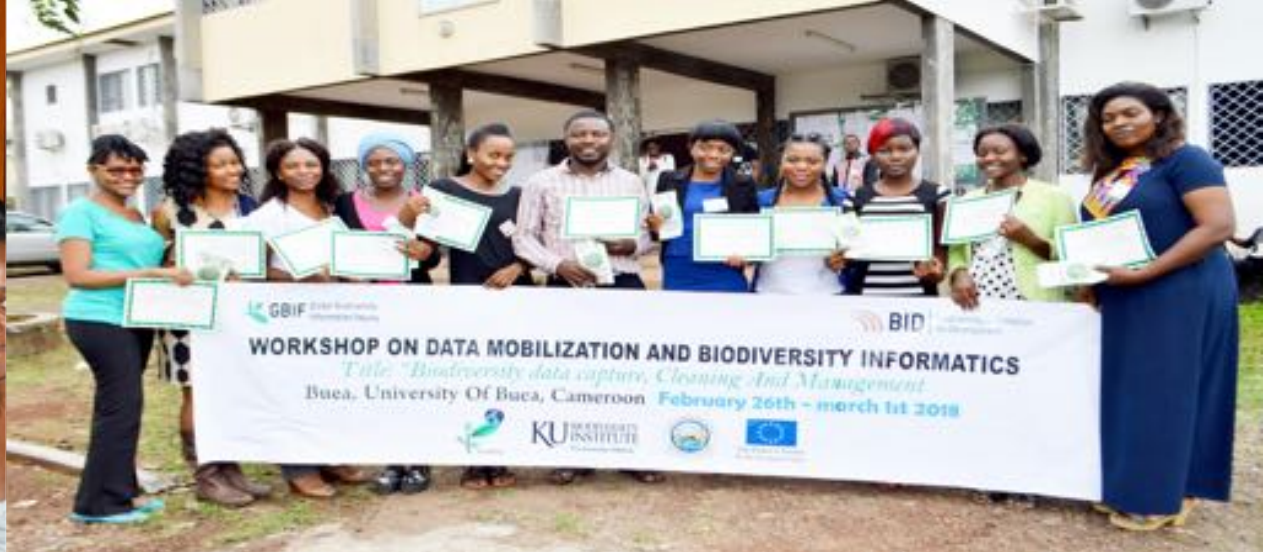
## Aims:

1. Mobilize biodiversity data
2. Strengthen national and regional biodiversity information facilities in sub-Saharan Africa, Caribbean, and Pacific

# TroPEG' BID Grant







# *After BID Grant*



2 Internship Openings

Training

Mentoring





# Acknowledgement

- ❑ *MBZ 2011*
- ❑ *Rufford for funding our activities 2011 – 2016*
- ❑ *BothEnds/Rich Forest*
- ❑ *Centre for Nursery Development and Eru Propagation (CENDEP) Cameroon*
- ❑ *JRS Biodiversity Foundation*
- ❑ *BITC*
- ❑ *Biodiversity Institute, University of Kansas, USA*
- ❑ *GBIF/BID*
- ❑ *European Union*
- ❑ *Government of Cameroon*



# *Thank You For Your Kind Attention!*

**Any questions?**

**You can reach via mail:**

[stainopel@gmail.com](mailto:stainopel@gmail.com)

**Website:**

[www.tropegcam.org](http://www.tropegcam.org)