



Name: RACHEAL LAMARA

Current Appointment

E-mail: racheallamara@gmail.com

Area of Research/Teaching

- Assessment of the physico-chemical parameters of water sources
- Surveys on biological water quality using plankton (Phytoplankton and zooplankton)
- Bacteriological surveys on water sources
- Surveys on abundance and diversity of benthic macro-invertebrates in lotic and lentic water bodies
- Impact of plankton composition on the abundance and diversity of fish species in a water body.

Biography/Tell us about yourself

My name is Racheal Lamara, born on the 18th August ,1993 to Prof. J. H. P Nyeko and Dr. Elizabeth Obwoya in Kampala Uganda. We are a family of four children of which I am the last child. The table below shows my education background.

| <i>YEAR</i> | <i>INSTITUTION</i> | <i>QUALIFICATION</i> |
|--------------------|--|---|
| 2013-2016 | MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY | BACHELOR’S DEGREE IN SCIENCE WITH EDUCATION |
| 2011-2012 | NABISUNSA GIRLS’ S.S. | UACE |
| 2007-2010 | TRINITY COLLEGE NABBINGO | UCE |
| 2000-2006 | TRINITY ACADEMY PRIMARY SCHOOL | PLE |

I have just completed a Bachelor’s degree in Science with Education majoring in Biology at Mbarara University of Science and Technology. My final year research was entitled Assessing Water Quality of Lake Ekiyanja and Associated Streams in Mbarara Municipality, Uganda. From this research, I have gained rich and vast knowledge pertaining to Hydrobiology. I plan to do more researches on water in various areas as noted above, to further my knowledge and acquire more research skills.

RACHEAL LAMARA

Bachelors Degree in Science with Education (Biology)

- Assessment of the physico-chemical parameters of water sources (Accomplished)
- Surveys on biological water quality using plankton (Accomplished)
- Bacteriological surveys on water sources
- Surveys on abundance and diversity of benthic macro-invertebrates in lotic and lentic water bodies (Accomplished)
- Impact of plankton composition on the abundance and diversity of fish species in a water body.
- I intend to do a Masters of Science in Biology, then a PhD in Hydrobiology

Assessing Water Quality of Lake Ekiyanja and Associated Streams in Mbarara Municipality, Uganda.

Main Objective

To determine the physicochemical and biological parameters as a means of evaluating water quality of Lake Ekiyanja.

- Representative photos of major orders of benthic macro-invertebrates identified.

HEMIPTERA



ODONATA



DECAPODA



COLEOPTERA



MOLLUSCA

