

## Project Update: December 2014

The December 2014 campaign included two different field trips in two different directions: the northern trip to the Sanaga River at Nachtigal, the Afamba River at Obala and Mbam River at Bafia; and the western-littoral trip to the Kelle River at Boum Nyebel, the Nyong River South Eseka on Lolodorf Road, the Lep Riton, Dibang, Ngwei rivers on the Boum Nyebel-Douala highway, and finally the Rivers Sanaga and Eding at Edea. For each of the 10 different stations, two water samples are collected for physico-chemical and biological analysis at the hydrobiological lab at university of Dschang. For this trip, we have been able to take the temperature for the first time since when this project started because of the difficulty to purchase a field thermometer. Then, for each site, the parameters collected at the field are the temperature, the altitude, and the geographical coordinates.

The analysis of the water sample is carried on immediately after the field work since October 2014 and it's the same case for the December 2014 campaign.

In November 2014, we met with the authority of the dam at Edea. In December 2014, it was possible to meet with the Director of the dam himself as well as the responsible of environment. The director was a nice man, open minded, but strategically hard to understand the responsibility of the dam in a biodiversity damage caused outside the fence of the dam. I explained how the dam threated the freshwater species and he promised that they will do their best to keep the water flow in a more or less natural rhythm. A team was sent to show us the dam installations and by the meantime we discussed about the issue related to biodiversity conservation.

The December 2014 campaign involved five persons (two men and three women), myself and four students at PhD level, but also active members of my organisation. Apart of myself, it involved none of the participants of the previous expeditions.

Almost all the 10 stations host Podostemaceae. They involve some waterfalls that we have not yet surveyed before. Now that the dry season is here and that the water level is low in all these stations, I am planning to take the opportunity of the January 2015 campaign to do some botanical collection.



