

Project Update: May 2018

We are sampling the last sites of Atoyac River in order to complete the monitoring of macroinvertebrates during a year. Additionally, we are working in the identification of bio indicators and their adaptation to BMWP index, in order to determine water quality by site and season.

At the moment, we have identified 53 taxa belonging to seven classes and 15 orders. The predominant taxon has been Diptera with 16 families registered. The most representative families are Culicidae, Chironomidae, and Syrphidae.

It is important to note that these families have been very abundant and that they have very low qualifications according to BMWP index, which indicates that they are highly tolerant to organic contamination, so, these organisms can living in rivers very contaminated.

Other contributing taxa are Hemiptera, Coleoptera, Odonata, and Ephemeroptera. The families of these taxa have regular to good scores, therefore, these macroinvertebrates living in sites with water less polluted.



Participatory monitoring of macroinvertebrates with young people



Sampling and collection of macroinvertebrates in clean river