

Project Update: September 2017

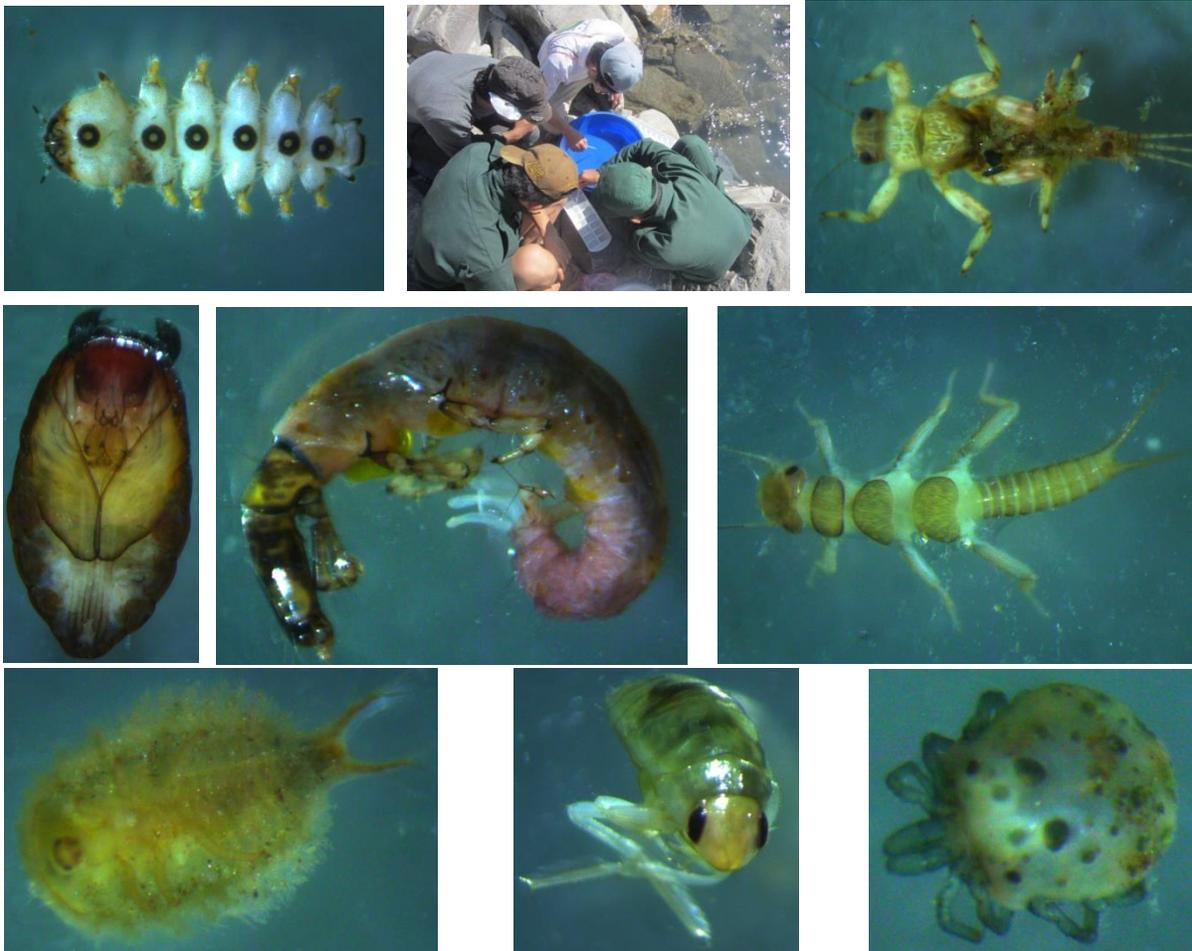


The collection of data for the first phase has been completed. We have records of five species of fish in the ladder. This include *Neolissochilus hexagonolepis* (McClelland, 1839), *Schizothorax richardsonii* (Gray, 1832), *Schizothorax progastrus* (Gray, 1832), *Garra* sp. *Crossocheilus latius* (Hamilton, 1822) and *Pseudecheneis sulcata* (McClelland, 1842).

In the tributaries and upstream similar species were recorded except *Anguilla bengalensis* (Gray, 1831) and *Schistura* cf. *reticulofasciatus* () were recorded which were not in the fish ladder.



Assessing the fish in the fish ladder and some of the images of fish recorded in the fish ladder, upstream and down stream



Sorting different groups of macroinvertebrates in the ice-cube tray in the field and some of the images taken using the microscope

Similarly assessment of macroinvertebrates in the upstream, downstream and tributaries was also completed. The specimens collected are under process of identification and validation of names at family level and some to genus level. Until now, most of the specimens were identified up to the family level. There are records of 43 species of macroinvertebrates and this record may increase after the second phase assessment. It was observed that the downstream was most affected as we encountered few individuals of fish and macroinvertebrates as compared to the upstream and tributaries. Data was collected jointly involving staff from UWICER, Kurichhu Hydropower Project Authority, Monggar Forest Division and Thrimshingla National Park. The detailed report will be furnished after the analysis of second phase data collection from the field.