

Project Update: February 2016

Check list of the progress

Date	Achievement
February 20th 2015	The Project was approved by Addis Ababa university (this is part of my PhD work).
June 16th 2015	The project was Granted by Rufford Small grant
September 17th 2015	The watershed was developed by ARC GIS 10 and the developed map was discussed with the district agricultural office that the watershed is found. Lastly, it was approved after that discussion
September 20 th -November 30 th 2015	Three hundred and eighty four informants from six representative kebele's were selected and the existed wild edible plant ethno botany were compiled in the watershed

Preliminary Findings

1. Six Kebele (Yemench yekest, Wad, Kuwashiba, Yemehel, Shimna Abidender, and Shafo Galat) following altitudinal gradient were purposely selected in the watershed.
2. Three hundred eighty-four informants determined by single population proportion formula were selected by snowball method for detailed wild edible plant ethnobotanical data collection.
3. A semi structured interview of these informants were resulted a total of 38 wild edible plants from the watershed.
4. Detailed ethnobotany of these 38 wild edible plants were compiled under four major use category (for food, environmental use, energy and material culture).



5. The phenology of the wild edible plants was compiled through semi structured interview of 384 informants. This data is highly valuable specifically to collect the edible plant part for nutritional and anti-nutritional analysis

Collection of indigenous knowledge about wild edible plant through semi structured interview from elders

6. Many of the wild edible plants were harvested from January to July.
7. Plant parts like fruits (27 plants), shoot (one plant), root tuber (four plants), flower nectar (two plants), leaves (one plant), fruit and seed (one plant) and shoots and roots (one plant) were reported



8. The plant specimen was collected and dried for identification

Wild edible plant specimen collection for identification

The collected plant was transported by animals for the remaining botanical work



9. Some of the reported wild edible plants



were sold at the market site

Embelia schimperi fruit, Photo taken by the author from the local market

10. Selected individuals from the local people and the two district agricultural office were participated in assisting and collecting plant specimens from the selected patches found in the Temcha River watershed (Fentahun Sisay, Simeneh Demelash, Simachew Worku, Asefa Ejigie, Melkamu Mihretie, Abebe Fikir, Addis Abebaw, Abebe Aregu, Misganaw Manaye, Yeshewas Molla, Ayenew Demis, Minyihun Enawgaw, Mengstie yirga, Abebaw Tilahun, Meseret Binayew, Gashaw Bogale, Wagaw Temesgen, Ayanaw Zeleke, Mitiku

Abebe, Abebe Aregu, Alemu yihun, Lake Tadese, Lingereh Bezie, Engeda Mihretie and Melak Mihretie).