

# Herbals & Natural Remedies

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### Ethno-medicinal study and consensus among the informants for the uses of medicinal plants of Feni

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Ethno-medicinal study was conducted to identify and document plant species used for treatment of various ailments and to find out the level of consensus among informants regarding the uses of plants for particular disease categories. Information has been gathered between January to December 2014 from 65 informants using semi-structured interviews. The reported plants were collected, identified and preserved. The study was recorded 115 medicinal plant species with 216 formularies to treat 69 ailments. These species belongs to 55 families. Such data indicated that the study area has plenty of medicinal plants with their diversity of health care uses. Ailment category cut and wounds attained the highest Fic value. Species used for this purpose are *Mikania cordata*, and *Cynodon dactylon* which were cited by many informants. Second highest Fic value was found in case of dysentery and diarrhoea. Medicinal plants used for this purpose are *Litsea glutinosa*, *Dalbergia sissu*, *Mangifera indica*, *Scoparia dulcis*, *Holarrhena antidysenterica*, *Stephania harnandifolia* and *Centella asiatica* that were cited by a good number of informants. Since the Fic values attained highest, such plants could be recommended for further phytochemical study to isolate compounds. In our survey, 16 species has attained 100% FI values. This FI values means that the informants have a tendency to rely on one specific plant species for treating one certain ailment than several ailments. The study asserted that such species need to be protected in the study area to sustain traditional medicinal plants and culture.

#### Biography

Mohammad Zashim Uddin obtained PhD and trained from USA on Tropical Biodiversity. His current position is Professor in the University of Dhaka and supervised 25 MS research students and presently guiding one PhD student. By this time, he published 56 research articles in different scientific journals. He is the recipient of numerous awards and grants. He has participated at least 41 events of training programs/workshops/international conferences. He served as Biodiversity Expert in 20 research projects here in Bangladesh. His current research focuses are on threatened ethno-medicinal plants and conservation of forest biodiversity.

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