**INVESTIGATIONS OF PLANTS USED FOR THE HYPERTENSION IN THE DAGANBHUIYAN UPAZILA WITHIN FENI DISTRICT OF BANGLADESH**

**M.A.H. Mollik**

Peoples Integrated Alliance, Mirpur, Dhaka, Bangladesh, Prescience Trust Funds, Phoenixville, Pennsylvania, USA

Hypertension is prevalent in Bangladesh. The rural population mostly depends on traditional medicinal practitioners (TMPs) for treatment of this disease. The TMPs rely on decoctions made from plants or plant parts to treat hypertension, which decoctions can vary widely between TMPs in the various districts of the country. Investigations were carried out to document plants used in the management of hypertension in the Daganbhuiyan upazila within Feni district of Bangladesh. An open-ended semi-structured questionnaire was used in collecting field information. Details of the preparation and use of plants for the management of hypertension were recorded. Plant specimens as pointed out by the TMPs were collected and identified at the Bangladesh National Herbarium. These plants included Abroma augusta (L.) L.f., Achyranthes aspera L., Allium sativum L., Aloe vera (L.) Burm.f., Amaranthus spinosus L., Cajanus cajan (L.) Millsp., Coccinia grandis (L.) Voigt, Cocos nucifera L., Curcuma longa L., Eclipta prostrata (L.) L., Ficus racemosa L., Leonurus sibiricus L., Momordica charantia L., Moringa oleifera Lam., Murraya koenigii (L.) Spreng., Ocimum tenuiflorum L., Paederia foetida L., Psidium guajava L., Punica granatum L., Phyllanthus emblica L., Phyllanthus reticulatus Poir., Scoparia dulcis L., Syzygium aromaticum (L.) Merr. & L.M.Perry, Syzygium cumini (L.) Skeels, Terminalia arjuna (Roxb. ex DC.) Wight & Arn., Terminalia bellirica (Gaertn.) Roxb., Terminalia chebula Retz., Wedelia chinensis (Osbeck) Merr., and Zingiber officinale Roscoe. Since allopathic medicine does not have a cure for hypertension, the above-mentioned plants are potentially interesting for discovery of novel compounds, which can be effective in controlling or curing hypertension.