



Supplementary Figure S1. On field demonstration of the medical application by the local practitioner (A) Different stages of medical application of *Ageratum conyzoides*, step 1: identification of the plant step 2: plucking of suitable tender leaves step 3: crushing the tender leaves on the palm step 4: juice drops applied directly on the eye for cleaning the eye and improving the eye sight. (B) Local tribal practitioner using freshly plucked *Scoparia dulcis* and applying the milk directly on the eyes for treating conjunctivitis.



Supplementary Figure S2. Field observations of cultivation of NUCs in different small space settings for diet diversification and germplasm conservation. such as (A–C) *Basella alba* is commonly observed during the study as edible nutritious crop in kitchen garden, boundary crop and backyard garden respectively, (D) *Colocasia esculenta* grown in the backyard garden of local farmer, (E) *Colocasia antiquorum* in backyard garden, (F) *Dioscorea bulbifera* in kitchen garden, (G–I) *Dolichos lablab* grown in the home garden with the support of boundary wall, (J) *Ipomoea batatas* in field as crop diversification, (K) *Brassica juncea* in field as crop diversification, (L) *Digeria muricata* in kitchen garden.