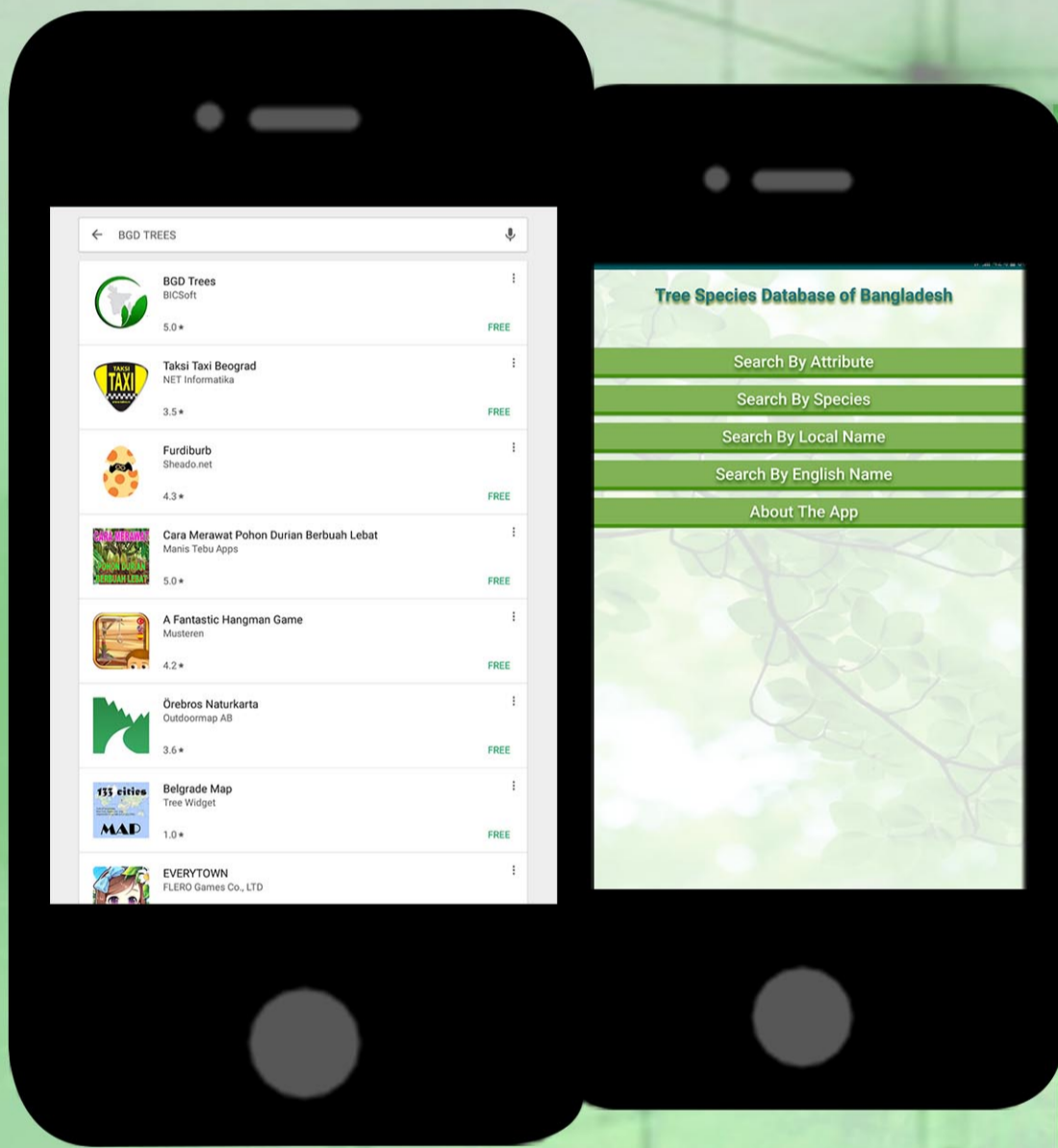




The first tree species identification application for Bangladesh is now available!



Bangladesh Forest Department (BFD) and Bangladesh National Herbarium (BNH) under the Ministry of Environment and Forests developed an android based application on the Tree Species Identification of Bangladesh with technical assistance from Food and Agriculture Organization of the United Nations (FAO). This is the first national digital tool that can be used to identify tree species instantly in the field and describe tree species in Bangladesh.



The application includes 981 tree species under 101 families of vascular trees (e.g. Angiosperm, Gymnosperm and Pteridophytes). The software can be easily installed on android devices through 'Google Play Store' under the search 'BGD Trees'.

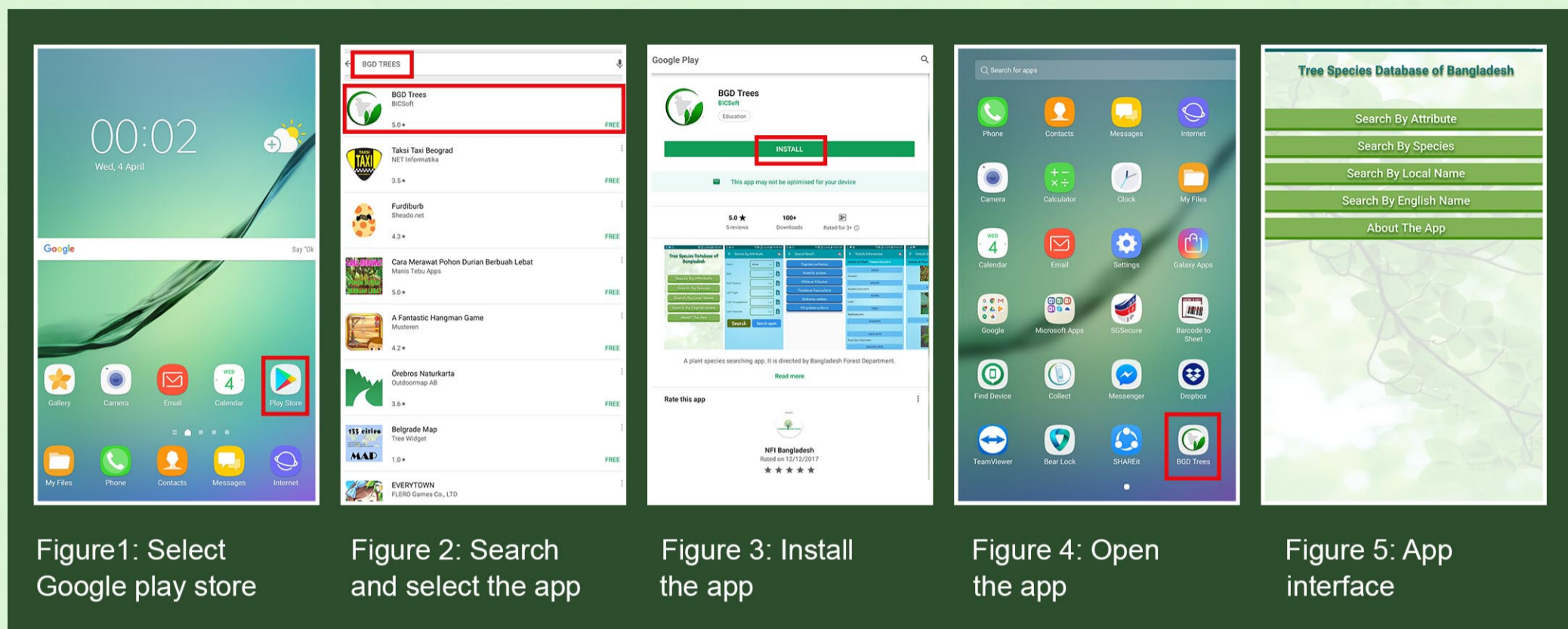


Figure 1: Select Google play store

Figure 2: Search and select the app

Figure 3: Install the app

Figure 4: Open the app

Figure 5: App interface

The application provides access to:

- Detailed tree species records (e.g. botanical name with author citation, family name, synonyms, english name, vernacular name, species description, flowering & fruiting period, habitat, distribution within the country, uses)
- Digital images provided by BNH, and
- 17 attributes are provided for each species (i.e. habitat, bark texture, bole, thorn, leaf, petiole, stipule, leaf type, leaf arrangement, leaf venation, inflorescence type, floral symmetry, floral attachment, floral type, corolla aestivation, fruit type and sexual reproductive unit).

Within the application four search options are available to identify a tree species:

- By Attributes
- By Species (Family/Genus/Species)
- By Local name and
- By English name

The application and associated tree species database is a valuable resource that represents the current status of the knowledge of tree species in Bangladesh. The application may be further improved through formal collaborations between national and international entities involved in tree species identification, biodiversity and natural resources management. Please contact us if you have ideas as to how we can improve this application software.