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An updated version of Phytomellitus Database

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BACKGROUND: Keeping adverse effects of antidiabetic drugs in mind scientists have now diverted towards identification of plant based novel drugs with more potential and lesser side effects which in turn will reduce economic and clinical toll of Diabetes. **OBJECTIVE:** Upgradation of Phytomellitus database includes introductory details of Diabetes mellitus and its future statistical aspect, alongwith details of Ayurvedic world or its traditional medicines. It also give option of Home, Types, Diabetes Dictionary, Diabetes Mining, Diabetes Drug, Diabetes Quiz, Diabetes FAQ's on the top of Home Page and options like Copyright, Terms of Use, Contributors, Contact Us in the bottom of the page. **METHODOLOGY:** Methodology remains same as per author's previous manuscripts[1,2]. **RESULTS**: Up-gradation was needed to maintain and incorporate new data and chemical composition of the plants including their structural views. Older version of the phytomellitus includes 31% were whole plants, 26% leaves, 11% seeds, 10% roots, and 9% fruits from the collected data[1]. New version includes more than 250 number of ethanobotanical information than the previous one. In upgraded version chemical structures of the plants with their IUPAC nomenclature author have incorporated.

Future prospects : Periodically continuous updates shall be released to include other plants of medicinal value. We plan to develop

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provisions to search the database, to identify plants of interest using keywords.

Figure 1: A snapshot of Phytomellitus

Reference:

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2. Goyal A. K., Middha SK., Usha T, Chatterjee S, Bothra AK, Nagaveni MB, & Sen A, Bamboo-infoline: A database for North Bengal Bamboo's. *Bioinformation*, *5* (2010), 184-185.