**A global database of plant services for humankind**

The file labeled PlantUses contains a genus level dataset of plant-use records for all accepted vascular plant taxa (13489 genera) using the information gathered in the 4th Edition of Mabberley’s plant-book, the most comprehensive global review of plant classification and their uses published to date. The first two columns contain genus and species names, respectively, for plants in the database. The proceeding columns are labeled S1 through S28 and reflect different categories of plant use:

**ID Category Group**

S1 Human food Human & animal nutrition

S2 Human food additives Human & animal nutrition

S3 Vertebrate food Human & animal nutrition

S4 Invertebrate food Human & animal nutrition

S5 Fuelwood Fuels

S6 Charcoal Fuels

S7 Biofuels Fuels

S8 Timber Materials

S9 Stems Materials

S10 Fibres Materials

S11 Leaves Materials

S12 Seeds & fruits Materials

S13 Tannins & dyestuffs Materials

S14 Resins & gums Materials

S15 Lipids Materials

S16 Waxes Materials

S17 Scents Materials

S18 Rubber Materials

S19 Medicines Medicines

S20 Vertebrate poisons Poisons

S21 Invertebrate poisons Poisons

S22 Antifertility agents Social

S23 Smoking materials & drugs Social

S24 Symbolism, magic & inspiration Social

S25 Ornamental Environmental

S26 Bioindicators & bioremediators Environmental

S27 Soil improvers Environmental

S28 Hedges & shelters Environmental

For each species and category of plant use, a value of 0 indicates the species is not used in that way while a value of 1 indicates a species is used in that way. For more information, see https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0253069 and the additional file called Miscellaneous.csv