# Supplementary material

**Supplementary Table S1.** The plant species' functional traits that influence seed dispersal by bird species as identified in Bitani et al. (2020).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Family** | **Plant species** | **Origin** | **Habit** | **Mean fruit size (mm)** | **Mean seed size (mm)** | **Mean crop size (mm)** | **Reference** |
| [Simaroubaceae](https://www.google.com/search?sxsrf=ALiCzsY1WjdcHRmIe_zO3tu-IxoaBeXf_g:1653579175052&q=Simaroubaceae&stick=H4sIAAAAAAAAAONgVuLUz9U3MDO2KM5dxMobnJmbWJRfmpSYnJqYCgBdZM_SHQAAAA&sa=X&ved=2ahUKEwiG09i6vv33AhWIOcAKHXeGBgsQmxMoAXoFCIgBEAM) | *Ailanthus altissima* | Asia  | Tree | 5.7 | 4 | 325000 | Henderson (2001); Bitani et al. (2020) |
| [Primulaceae](https://www.google.com/search?sxsrf=ALiCzsbAPDflwA0pO6VGvjfav-BwuuGNZw:1653580478491&q=Primulaceae&stick=H4sIAAAAAAAAAONgVuLUz9U3MEopMipfxModUJSZW5qTmJyamAoAN7_H-xsAAAA&sa=X&ved=2ahUKEwi6jpyow_33AhVph_0HHS29AggQmxMoAXoECF8QAw) | *Ardisia crenata* | Asia | Shrub | 8.4 | 5.4 | 1200 | Bitani et al. (2020) |
| Solanaceae | *Cestrum laevigatum* | South America | Shrub/ Tree | 5.63 | 2.36 | - | Jordaan & Downs (2012) |
| Lauraceae | *Cinnamomum camphor* | East Asia | Tree | 8 | 6.5 | 100000 | Bitani et al. (2020) |
| Verbenaceae | *Duranta erecta* | America | Shrub | 7 | 3.5 | 25325 | Bitani et al. (2020) |
|  | *Lantana camara* | South America | Shrub | 4 | 3 | 856 | Bitani et al. (2020) |
| [Myrtaceae](http://en.wikipedia.org/wiki/Myrtaceae) | *Eugenia uniflora* | South America | Shrub/Tree | 20 | 7 | 180 | Blendinger et al. (2016) |
|  | *Psidium guajava* | America | Tree | 45.2 | 2.4 | 276 | Bitani et al. (2020) |
|  | *Syzigium jambos* | Asia | Tree | 37 | 18 | 726 | Corlett (2005) |
| Meliaceae | *Melia azedarach* | Asia-Australia | Tree | 11.9 | 9 | 14756 | Bitani et al. (2020) |
| Moraceae | *Morus alba* | Tree | Tree | 9.1 | 1.8 | 86000 | Bitani et al. (2020) |
| Euphorbiaceae | *Ricinus communis* | Africa | Shrub | 20 | 7 | 84 | Bitani et al. (2020) |
| Rosaceae | *Rubus cuneifolius* | America | Shrub | 10 | 2.1 | 100 | Chapelka (2002) |
| [Anacardiaceae](https://www.google.com/search?sxsrf=ALiCzsZTxXzZPzDZutIRQyEoY7SrW3ndww:1653580023823&q=Anacardiaceae&stick=H4sIAAAAAAAAAONgVuLQz9U3yDI0KFnEyuuYl5icWJSSmZicmpgKAJqWgUocAAAA&sa=X&ved=2ahUKEwiavbXPwf33AhXVRfEDHY_CCsAQmxMoAXoECHAQAw) | *Rhus*/*Toxicodendron succedanea* | Asia | Tree | 9 | 4.17 | - | Henderson (2001); Otani & Shibata (2000) |
|  | *Schinus terebinthifolius* | South America | Shrub/Tree | 1 | 2.9 | 10000 | Bitani et al. (2020) |
| Solanaceae | *Solanum mauritianum* | South America | Shrub | 13.7 | 2 | 150000 | Bitani et al. (2020) |

**Supplementary Table S2.** References used for the data summarised in Table S2

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