Supplementary material

Table 1. The most commona plant taxa in the diets of five ungulates, listed in alphabetic order of botanical family.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Botany Family | Botany Species | *T. terrestris* | *M. americana* | *M. gouazoubira* | *P. tajacu* | *T. pecari* | References |
| Agavaceae | *Yucca treculeana* |  |  |  | X |  | 24, 26 |
| Agavaceae | *Agave palmeri* |  |  |  | X |  | 28, 29 |
| Alismataceae | *Echinodorus rostratus* |  |  |  | X |  | 26 |
| Anacardiaceae | *Spondias mombin* | X |  |  |  |  | 7 |
| Anacardiaceae | *Spondias* sp*.* |  |  |  |  | X | 35 |
| Anacardiaceae | *Anacardium excelsum* |  |  |  |  | X | 35 |
| Anacardiaceae | *Schinus* sp*.* |  |  | X |  |  | 13 |
| Annonaceae | \* | X |  |  |  |  | 1 |
| Apocynaceae | *Pacouria guianensis* | X |  |  |  |  | 7 |
| Apocynaceae | *Hancornia speciosa* |  |  |  |  | X | 31 |
| Araceae | \* |  |  |  |  | X | 35 |
| Araliaceae | *Schefflera decaphylla* |  | X |  |  |  | 10 |
| Arecaceae | *Mauritia* sp*.* | X |  |  |  |  | 2 |
| Arecaceae | *Syagrus romanzoffiana* | X |  |  | X | X | 3, 6, 21, 32 |
| Arecaceae | *Astrocaryum* sp*.* | X |  |  |  |  | 7 |
| Arecaceae | *Mauritia flexuosa* | X |  |  |  |  | 8, 9 |
| Arecaceae | *Maximiliana maripa* | X |  |  |  |  | 8 |
| Arecaceae | *Jessenia* sp*.* | X |  |  |  |  | 9 |
| Arecaceae | *Scheelea* sp*.* | X |  |  |  |  | 9 |
| Arecaceae | *Attalea phalerata* |  |  |  | X | X | 20, 31, 33 |
| Arecaceae | *Euterpe edulis* |  |  |  |  | X | 32 |
| Arecaceae | *Oenocarpus bacaba* |  | X |  |  |  | 10 |
| Balanophoraceae | *Langsdorffia hypogaea* |  |  |  | X |  | 20 |
| Bombacaceae | *Catostemma fragrans* |  | X |  |  |  | 10 |
| Bombacaceae | *Eriotheca* sp*.* |  | X |  |  |  | 10 |
| Bromeliaceae | *Bromelia balansae* |  |  |  | X | X | 20, 31 |
| Cactaceae | \* |  |  | X |  |  | 12 |
| Cactaceae | *Cereus* sp*.* |  |  |  | X |  | 20 |
| Cactaceae | *Opuntia lindheimeri* |  |  |  | X |  | 24, 25, 26 |
| Cactaceae | *Ferocactus wislizeni* |  |  |  | X |  | 27 |
| Cactaceae | *Carnegiea gigantea* |  |  |  | X |  | 27 |
| Cactaceae | *Opuntia engelmannii* |  |  |  | X |  | 27, 28, 30 |
| Cactaceae | *Ferocactus wislizeni* |  |  |  | X |  | 28 |
| Caesalpiniaceae | *Eperua falcata* |  | X |  |  |  | 10 |
| Botany Family | Botany Species | *T. terrestris* | *M. americana* | *M. gouazoubira* | *P. tajacu* | *T. pecari* | References |
| Caesalpiniaceae | *Swartzia panacoco* |  | X |  |  |  | 10 |
| Cannabaceae | *Celtis pallida* |  |  |  | X |  | 28 |
| Capparaceae | *Capparis retusa* |  |  | X |  |  | 19 |
| Capparaceae | *Capparis speciosa* |  |  | X |  |  | 19 |
| Caryophyllaceae | \* |  |  | X |  |  | 16 |
| Cecropiaceae | *Cecropia obtusa* |  | X |  |  |  | 10 |
| Cecropiaceae | *Cecropia sciadophylla* |  | X |  |  |  | 10 |
| Celastraceae | *Maytenus spinosa* |  |  | X |  |  | 12, 13 |
| Chrysobalanaceae | *Licania operculipetala* |  |  |  |  | X | 35 |
| Clusiaceae | *Symphonia globulifera* |  | X |  |  |  | 11 |
| Commelinaceae | *Commelina nudiflora* |  |  |  |  | X | 31 |
| Convolvulaceae | *Ipomoea muricata* |  |  |  | X |  | 29 |
| Cyclanthaceae | *Cyclanthus bipartitus* |  | X |  |  |  | 10 |
| Cyperaceae | *Cyperus* sp*.* |  |  |  | X |  | 29 |
| Ericaceae | *Arctostaphylos pungens* |  |  |  | X |  | 29 |
| Fabaceae | \* | X |  |  |  |  | 1 |
| Fabaceae | *Dimorphandra mollis* | X |  |  |  |  | 4 |
| Fabaceae | *Enterolobium schomburgkii* | X |  |  |  |  | 8 |
| Fabaceae | *Swartzia* sp*.* |  | X |  |  |  | 11 |
| Fabaceae | *Inga* sp*.* |  |  | X |  | X | 14, 35 |
| Fabaceae | *Swartzia benthamianna* |  |  | X |  |  | 18 |
| Fabaceae | *Caesalpinia paraguarensis* |  |  | X |  |  | 19 |
| Fabaceae | *Mimosa* sp*.* |  |  |  | X |  | 20 |
| Fabaceae | *Desmodium barbatum* |  |  |  | X |  | 20 |
| Fabaceae | *Prosopis glandulosa* |  |  |  | X |  | 24 |
| Fabaceae | *Pithecellobium flexicaule* |  |  |  | X |  | 25 |
| Fabaceae | *Cercidium microphyllum* |  |  |  | X |  | 27 |
| Fabaceae | *Prosopis juliflora* |  |  |  | X |  | 27, 28 |
| Fabaceae | *Acacia greggii* |  |  |  | X |  | 28 |
| Fabaceae | *Mimosa obtusifolia* |  |  |  |  | X | 31 |
| Fabaceae | *Pithecellobium saman* |  |  |  |  | X | 36 |
| Fabaceae | *Cassia moschata* | X |  |  |  |  | 8 |
| Fagaceae | *Quercus arizonica* |  |  |  | X |  | 28, 29 |
| Heliconiaceae | *Heliconia* sp*.* |  |  |  |  | X | 35 |
| Humiriaceae | *Sacoglottis cydonioides* | X |  |  |  |  | 7 |
| Botany Family | Botany Species | *T. terrestris* | *M. americana* | *M. gouazoubira* | *P. tajacu* | *T. pecari* | References |
| Lauraceae | \* |  |  |  | X | X | 21, 32 |
| Lecythidaceae | *Eschweilera* sp*.* |  | X | X |  |  | 10, 14 |
| Lecythidaceae | *Lecythis persistens* |  |  | X |  |  | 14 |
| Malpighiaceae | *Byrsonima orbignyana* |  |  |  |  | X | 31 |
| Malvaceae | *Bombax spectabile* |  | X | X |  |  | 11, 18 |
| Malvaceae | *Sida santamarensis* |  |  | X |  |  | 15 |
| Malvaceae | *Sida rhombifolia* |  |  | X |  |  | 16 |
| Malvaceae | *Sida* sp*.* |  |  |  | X |  | 20 |
| Malvaceae | *Waltheria albicans* |  |  |  | X |  | 20 |
| Malvaceae | *Guazuma ulmifolia* |  |  |  | X |  | 23 |
| Malvaceae | *Quararibea asterolepis* |  |  |  |  | X | 35 |
| Melastomataceae | \* | X |  |  |  |  | 5 |
| Melastomataceae | *Bellucia grossularioides* |  |  | X |  |  | 18 |
| Meliaceae | *Carapa guianensis* |  | X |  |  |  | 10 |
| Meliaceae | *Guarea grandifolia* |  | X |  |  |  | 10 |
| Moraceae | *Ficus* sp*.* | X | X | X |  | X | 2, 10, 14, 35 |
| Moraceae | *Perebea* sp*.* | X |  |  |  |  | 2 |
| Moraceae | *Brosimum guianense* |  |  | X |  |  | 14 |
| Moraceae | *Morus nigra* |  |  | X |  |  | 16, 17 |
| Moraceae | *Brosimum* sp*.* |  |  |  |  | X | 35 |
| Moraceae | *Bagassa guianensis* |  | X |  |  |  | 10, 7 |
| Myristicaceae | *Virola kwatae* |  | X |  |  |  | 10 |
| Myristicaceae | *Virola surinamensis* |  | X | X |  |  | 10, 14 |
| Myristicaceae | *Virola michelii* |  |  | X |  |  | 14 |
| Myrtaceae | \* | X |  |  | X | X | 1, 21, 32 |
| Olacaceae | *Ximenia americana* |  |  |  | X | X | 20, 31 |
| Onagraceae | *Ludwigia multinervia* | X |  |  |  |  | 5 |
| Opiliaceae | *Agonandra silvatica* |  | X |  |  |  | 10 |
| Phytolaccaceae | *Rivina humilis* |  |  |  | X |  | 25 |
| Piperaceae | *Piper* sp*.* | X |  |  |  |  | 5 |
| Poaceae | \* |  |  |  | X | X | 22, 34 |
| Portulacaceae | *Portulaca mundula* |  |  |  | X |  | 25, 26 |
| Rhamnaceae | *Condalia microphylla* |  |  | X |  |  | 13 |
| Rhamnaceae | *Ziziphus oblongifolius* |  |  | X |  |  | 19 |
| Rubiaceae | \* | X |  |  |  |  | 1 |
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| Sapindaceae | *Paullinia capreolata* |  | X |  |  |  | 10 |
| Sapotaceae | *Pouteria* sp. | X | X |  |  |  | 2, 11 |
| Sapotaceae | *Pouteria egregia* |  | X |  |  |  | 10 |
| Sapotaceae | *Chrysophyllum prieurii* |  |  | X |  |  | 14 |
| Simaroubaceae | *Castela coccinea* |  |  | X |  |  | 12, 19 |
| Simmondsiaceae | *Simmondsia chinensis* |  |  |  | X |  | 27 |
| Solanaceae | \* | X |  |  |  |  | 1 |
| Solanaceae | *Solanum viarum* |  |  |  | X | X | 20, 31 |
| Solanaceae | *Solanum triquetrum* |  |  |  | X |  | 24, 25 |
| Solanaceae | *Physalis viscosa* |  |  |  | X |  | 24 |
| Verbenaceae | *Vitex cymosa* |  |  |  | X | X | 20, 31 |
| Verbenaceae | *Phyla incisa* |  |  |  | X |  | 26 |
| Verbenaceae | *Phyla nodiflora* |  |  |  | X |  | 26 |
| Vitaceae | *Cissus rhombifolia* |  |  |  | X | X | 23, 36 |

**a**: An item was considered common when it was found in more than 10% of the diet, measured as occurrence in stomach contents or feces, independent events of direct observation of foraging, proportion of time spent by a lowland tapir foraging on the plant, percentage of total dry weight of ingested food, or proportion of the item relative to the total number of ingested items. \*: Not indentified species. **Reference 1**: Talamoni and Assis (2009), Semideciduous Tropical Forest, Brazil; **2**: Tobler *et al*. (2010), Peruvian Amazon; **3**: Giombine *et al*. (2009), Semideciduous Tropical Forest, Brazil; **4**: Bizerril *et al*. (2005), Cerrado, Brazil; **5**: Santos *et al*. (2005), Atlantic Forest (Restinga Habitat), Brazil; **6**: Galetti *et al*. (2001), Semideciduous Tropical Forest, Brazil; **7**: Henry *et al*. (2000), Amazonia, French Guiana; **8**: Fragoso and Huffman (2000), Amazonia, Brazil; **9**: Bodmer (1990), Amazonia, Peru; **10**: Gayot *et al*. (2004), Amazonia, French Guiana; **11**: Branan *et al*. (1985), Amazonia, Suriname; **12**: Serbent *et al.* (2011), Semideciduous Forest, Argentina; **13**: Kufner *et al*. (2008), Chaco Forest, Argentina; **14**: Gayot *et al*. (2004), Amazonia, French Guiana; **15**: Pinder (2004), Pantanal, Brazil; **16**: Richard and Juliá (2001), Loa Yungas phytogeographic province, Argentina; **17**: Richard *et al*. (1995), Loa Yungas phytogeographic province, Argentina; **18**: Branan *et al*. (1985), Amazonia, Suriname; **19**: Stallings *et al*. (1984), Chaco, Paraguay; **20**: Desbiez *et al*. (2009), Pantanal, Brazil; **21**: Keuroglian and Eaton (2008), Semideciduous Tropical Forest, Brazil; **22**: Salazar (2007), Savannah, Bolivia; **23**: Barreto *et al*. (1997), Amazonia, Venezuela; **24**: Everitt *et al*. (1981), Arid Environment (Zachry Ranch), EUA; **25**: Everitt *et al*. (1981), Arid Environment (Gonzalez Ranch), EUA; **26**: Everitt *et al*. (1981), Arid Environment (Yturria Ranch), EUA; **27**: Eddy (1961), Arizona Desert (Tucson Mountain Park), EUA; **28**: Eddy (1961), Arizona Desert (Santa Rita Range), EUA; **29**: Eddy (1961), Arizona Desert (Canelo Hills), EUA; **30**: Neal (1959), Arizona Desert, EUA; **31**: Desbiez *et al*. (2009), Pantanal, Brazil; **32**: Keuroglian and Eaton (2008), Semideciduous Forest, Brazil; **33**: Keuroglian *et al*. (2009), Pantanal, Brazil; **34**: Salazar (2007), Savannah, Bolivia; **35**: Altrichter *et al*. (2000), Tropical Wet Forest, Costa Rica; **36**: Barreto *et al*. (1997), Amazonia, Venezuela.