

Fruits and frugivores of the Brazilian Cerrado: ecological and phylogenetic considerations

doi: 10.1590/0102-33062016abb0192

Table S2. Fruit-eating bird and mammal species list (258 spp.) of Cerrado (Federal District) and their traits. This list includes animals that partially or frequently feed on fruits or seeds. Cerrado formations: F = forest, S = savanna, G = grassland, FS = forest and savanna, FG = forest and grassland, SG = savanna and grassland, FSG = forest, savanna and grassland. Locomotion: Vol = volant, Ter = terrestrial, Arb = arboreal, ArbTer = arboreal/terrestrial. Body size: S = small (< 100 g), L = large (> 100 g).

| Orders | Families | Species | Formation | Locomotion | Body size |
|---------------|---------------|------------------------------------------------------|-----------|------------|-----------|
| Columbiformes | Columbidae | <i>Claravis pretiosa</i> (Ferrari-Perez, 1811) | F | Vol | S |
| Columbiformes | Columbidae | <i>Columbina minuta</i> (Linnaeus, 1760) | F | Vol | S |
| Columbiformes | Columbidae | <i>Columbina passerina</i> Spix, 1825 | F | Vol | S |
| Columbiformes | Columbidae | <i>Columbina picui</i> (Temminck, 1783) | G | Vol | S |
| Columbiformes | Columbidae | <i>Columbina squammata</i> (Lesson, 1789) | SG | Vol | S |
| Columbiformes | Columbidae | <i>Columbina talpacoti</i> (Temminck, 1760) | FSG | Vol | S |
| Columbiformes | Columbidae | <i>Geotrygon violacea</i> (Temminck, 1790) | F | Vol | S |
| Columbiformes | Columbidae | <i>Leptotila rufaxilla</i> (Richard & Bernard, 1829) | FSG | Vol | S |
| Columbiformes | Columbidae | <i>Leptotila verreauxi</i> (Bonaparte, 1766) | FSG | Vol | S |
| Columbiformes | Columbidae | <i>Patagioenas cayennensis</i> (Bonaparte, 1789) | FSG | Vol | L |
| Columbiformes | Columbidae | <i>Patagioenas picazuro</i> (Temminck, 1766) | FSG | Vol | L |
| Columbiformes | Columbidae | <i>Patagioenas plumbea</i> (Vieillot, 1764) | F | Vol | L |
| Columbiformes | Columbidae | <i>Patagioenas speciosa</i> (Gmelin, 1766) | FS | Vol | L |
| Columbiformes | Columbidae | <i>Zenaida auriculata</i> Reichenbach, 1847 | FSG | Vol | S |
| Coraciiformes | Momotidae | <i>Baryphthengus ruficapillus</i> (Vieillot, 1952) | F | Vol | L |
| Cuculiformes | Cuculidae | <i>Crotophaga ani</i> Linnaeus, 1758 | FSG | Vol | L |
| Cuculiformes | Cuculidae | <i>Crotophaga major</i> Gmelin, 1788 | F | Vol | L |
| Cuculiformes | Cuculidae | <i>Guira guira</i> (Gmelin, 1758) | SG | Vol | L |
| Cuculiformes | Cuculidae | <i>Piaya cayana cayana</i> (Linnaeus, 1847) | FS | Vol | L |
| Galliformes | Cracidae | <i>Crax fasciolata</i> Spix, 1825 | FG | ArbTer | L |
| Galliformes | Cracidae | <i>Penelope superciliaris</i> Temminck, 1815 | FS | ArbTer | L |
| Passeriformes | Cardinalidae | <i>Cyanoloxia brissonii</i> (Lichtenstein, 1788) | F | Vol | S |
| Passeriformes | Coerebidae | <i>Coereba flaveola</i> Lowe, 1912 | FSG | Vol | S |
| Passeriformes | Corvidae | <i>Cyanocorax cristatellus</i> (Temminck, 1989) | FSG | Vol | L |
| Passeriformes | Corvidae | <i>Cyanocorax cyanopogon</i> (Wied, 1858) | F | Vol | L |
| Passeriformes | Cotingidae | <i>Pyroderus scutatus</i> (Shaw, 1888) | F | Vol | L |
| Passeriformes | Passerellidae | <i>Ammodramus humeralis</i> (Bosc, 1776) | SG | Vol | S |
| Passeriformes | Passerellidae | <i>Arremon flavirostris</i> Swainson, 1838 | F | Vol | S |
| Passeriformes | Passerellidae | <i>Zonotrichia capensis</i> Statius Muller, 1863) | FSG | Vol | S |
| Passeriformes | Fringillidae | <i>Euphonia chlorotica</i> (Linnaeus, 1758) | FSG | Vol | S |
| Passeriformes | Fringillidae | <i>Euphonia cyanocephala</i> (Vieillot, 1846) | G | Vol | S |
| Passeriformes | Fringillidae | <i>Euphonia violacea</i> (Linnaeus, 1846) | F | Vol | S |
| Passeriformes | Fringillidae | <i>Sporagra magellanica</i> (Vieillot, 1805) | S | Vol | S |
| Passeriformes | Icteridae | <i>Cacicus cela</i> (Linnaeus, 1764) | F | Vol | L |
| Passeriformes | Icteridae | <i>Cacicus haemorrhous</i> (Linnaeus, 1843) | F | Vol | L |
| Passeriformes | Icteridae | <i>Chrysomus ruficapillus</i> (Vieillot, 1818) | F | Vol | S |
| Passeriformes | Icteridae | <i>Gnorimopsar chopi</i> (Vieillot, 1982) | FSG | Vol | S |
| Passeriformes | Icteridae | <i>Icterus cayanensis</i> (Linnaeus, 1788) | F | Vol | S |
| Passeriformes | Icteridae | <i>Icterus jamacaii</i> (Gmelin, 1866) | F | Vol | S |
| Passeriformes | Icteridae | <i>Molothrus bonariensis</i> (Gmelin, 1788) | FSG | Vol | S |
| Passeriformes | Icteridae | <i>Molothrus oryzivorus</i> (Gmelin, 1831) | SG | Vol | L |
| Passeriformes | Icteridae | <i>Procacicus solitarius</i> (Vieillot, 1801) | F | Vol | L |
| Passeriformes | Icteridae | <i>Psarocolius decumanus</i> (Pallas, 1838) | F | Vol | L |
| Passeriformes | Icteridae | <i>Pseudoleistes guirahuro</i> (Vieillot, 1766) | G | Vol | S |



Table S2. Cont.

| Orders | Families | Species | Formation | Locomotion | Body size |
|---------------|-----------------|------------------------------------------------------|-----------|------------|-----------|
| Passeriformes | Icteridae | <i>Sturnella superciliaris</i> (Bonaparte, 1788) | G | Vol | S |
| Passeriformes | Mimidae | <i>Mimus saturninus</i> (Lichtenstein, 1824) | FSG | Vol | S |
| Passeriformes | Motacilidae | <i>Anthus lutescens</i> Pucheran, 1855 | G | Ter | S |
| Passeriformes | Parulidae | <i>Setophaga striata</i> (Forster, 1855) | F | Vol | S |
| Passeriformes | Pipridae | <i>Antilophia galeata</i> (Lichtenstein, 1850) | F | Vol | S |
| Passeriformes | Pipridae | <i>Neopelma pallescens</i> (Lafresnaye, 1854) | F | Vol | S |
| Passeriformes | Rhynchocyclidae | <i>Mionectes rufiventris</i> Cabanis, 1846 | F | Vol | S |
| Passeriformes | Thraupidae | <i>Cissopis leverianus</i> (Gmelin, 1876) | F | Vol | S |
| Passeriformes | Thraupidae | <i>Charitospiza eucosma</i> Oberholser, 1905 | SG | Vol | S |
| Passeriformes | Thraupidae | <i>Conirostrum speciosum</i> (Temminck, 1827) | F | Vol | S |
| Passeriformes | Thraupidae | <i>Coryphaspiza melanotis</i> (Temminck, 1820) | SG | Vol | S |
| Passeriformes | Thraupidae | <i>Cyanerpes cyaneus</i> (Linnaeus, 1849) | F | Vol | S |
| Passeriformes | Thraupidae | <i>Cypsnagra hirundinacea</i> (Lesson, 1821) | SG | Vol | S |
| Passeriformes | Thraupidae | <i>Dacnis cayana</i> (Linnaeus, 1951) | FSG | Vol | S |
| Passeriformes | Thraupidae | <i>Emberizoides herbicola</i> (Vieillot, 1870) | FSG | Vol | S |
| Passeriformes | Thraupidae | <i>Haplospiza unicolor</i> Cabanis, 1851 | F | Vol | S |
| Passeriformes | Thraupidae | <i>Hemithraupis guira</i> (Linnaeus, 1840) | FS | Vol | S |
| Passeriformes | Thraupidae | <i>Lanio cucullatus</i> (Statius Muller, 1776) | FS | Vol | S |
| Passeriformes | Thraupidae | <i>Lanio melanops</i> (Vieillot, 1818) | F | Vol | S |
| Passeriformes | Thraupidae | <i>Lanio penicillatus</i> (Spix, 1825) | F | Vol | S |
| Passeriformes | Thraupidae | <i>Lanio pileatus</i> (Wied, 1821) | FS | Vol | S |
| Passeriformes | Thraupidae | <i>Nemosia pileata</i> (Boddaert, 1818) | F | Vol | S |
| Passeriformes | Thraupidae | <i>Neothraupis fasciata</i> (Lichtenstein, 1788) | SG | Vol | S |
| Passeriformes | Thraupidae | <i>Paroaria dominicana</i> (Linnaeus, 1891) | FG | Vol | S |
| Passeriformes | Thraupidae | <i>Pipraeidea melanonota</i> (Vieillot, 1788) | F | Vol | S |
| Passeriformes | Thraupidae | <i>Poospiza cinerea</i> Bonaparte, 1850 | F | Vol | S |
| Passeriformes | Thraupidae | <i>Porphyrospiza caerulescens</i> (Wied, 1783) | SG | Vol | S |
| Passeriformes | Thraupidae | <i>Pyrrhocomma ruficeps</i> (Strickland, 1845) | F | Vol | S |
| Passeriformes | Thraupidae | <i>Ramphocelus carbo</i> (Pallas, 1815) | F | Vol | S |
| Passeriformes | Thraupidae | <i>Saltator maximus</i> (Statius Muller, 1818) | F | Vol | S |
| Passeriformes | Thraupidae | <i>Saltator similis</i> d'Orbigny & Lafresnaye, 1837 | FSG | Vol | S |
| Passeriformes | Thraupidae | <i>Saltatricula atricollis</i> (Vieillot, 1783) | FSG | Vol | S |
| Passeriformes | Thraupidae | <i>Schistochlamys melanopsis</i> (Latham, 1758) | FSG | Vol | S |
| Passeriformes | Thraupidae | <i>Sicalis citrina</i> Pelzeln, 1870 | FSG | Vol | S |
| Passeriformes | Thraupidae | <i>Sicalis flaveola</i> (Gmelin, 1841) | FSG | Vol | S |
| Passeriformes | Thraupidae | <i>Sicalis luteola</i> (Sparrman, 1834) | SG | Vol | S |
| Passeriformes | Thraupidae | <i>Sporophila angolensis</i> (Linnaeus, 1867) | G | Vol | S |
| Passeriformes | Thraupidae | <i>Sporophila bouvreuil</i> (Statius Muller, 1891) | SG | Vol | S |
| Passeriformes | Thraupidae | <i>Sporophila caerulescens</i> (Vieillot, 1845) | FG | Vol | S |
| Passeriformes | Thraupidae | <i>Sporophila collaris</i> (Boddaert, 1776) | SG | Vol | S |
| Passeriformes | Thraupidae | <i>Sporophila hypoxantha</i> Cabanis, 1851 | SG | Vol | S |
| Passeriformes | Thraupidae | <i>Sporophila leucoptera</i> (Vieillot, 1783) | G | Vol | S |
| Passeriformes | Thraupidae | <i>Sporophila lineola</i> (Linnaeus, 1945) | FG | Vol | S |
| Passeriformes | Thraupidae | <i>Sporophila maximiliani</i> (Cabanis, 1788) | FG | Vol | S |
| Passeriformes | Thraupidae | <i>Sporophila melanogaster</i> (Pelzeln, 1915) | G | Vol | S |
| Passeriformes | Thraupidae | <i>Sporophila nigricollis</i> (Vieillot, 1831) | FSG | Vol | S |
| Passeriformes | Thraupidae | <i>Sporophila plumbea</i> (Wied, 1783) | FSG | Vol | S |



Table S2. Cont.

| Orders | Families | Species | Formation | Locomotion | Body size |
|---------------|------------|----------------------------------------------------------------------------|-----------|------------|-----------|
| Passeriformes | Thraupidae | <i>Tachyphonus coronatus</i> (Vieillot, 1854) | F | Vol | S |
| Passeriformes | Thraupidae | <i>Tachyphonus rufus</i> (Boddaert, 1799) | FSG | Vol | S |
| Passeriformes | Thraupidae | <i>Tangara cayana</i> (Linnaeus, 1927) | FSG | Vol | S |
| Passeriformes | Thraupidae | <i>Tangara palmarum</i> (Wied, 1776) | FSG | Vol | S |
| Passeriformes | Thraupidae | <i>Tangara sayaca</i> (Linnaeus, 1766) | FSG | Vol | S |
| Passeriformes | Thraupidae | <i>Tersina viridis</i> (Illiger, 1823) | FSG | Vol | S |
| Passeriformes | Thraupidae | <i>Thlypopsis sordida</i> (d'Orbigny & Lafresnaye, 1783) | FS | Vol | S |
| Passeriformes | Thraupidae | <i>Volatinia jacarina</i> (Linnaeus, 1758) | SG | Vol | S |
| Passeriformes | Tityridae | <i>Pachyrhamphus validus</i> (Lichtenstein, 1857) | F | Vol | S |
| Passeriformes | Tityridae | <i>Schiffornis virescens</i> (Lafresnaye, 2013) | F | Vol | S |
| Passeriformes | Tityridae | <i>Tityra cayana</i> (Linnaeus, 1822) | F | Vol | S |
| Passeriformes | Turdidae | <i>Catharus fuscescens</i> (Stephens, 2012) | F | Vol | S |
| Passeriformes | Turdidae | <i>Turdus albicollis</i> Vieillot, 1818 | F | Vol | S |
| Passeriformes | Turdidae | <i>Turdus amaurochalinus</i> Cabanis, 1850 | F | Vol | S |
| Passeriformes | Turdidae | <i>Turdus fumigatus</i> Lichtenstein, 1823 | F | Vol | S |
| Passeriformes | Turdidae | <i>Turdus leucomelas</i> Vieillot, 1818 | FS | Vol | S |
| Passeriformes | Turdidae | <i>Turdus rufiventris</i> Vieillot, 1818 | FSG | Vol | S |
| Passeriformes | Turdidae | <i>Turdus subalaris</i> (Seeböhm, 2013) | F | Vol | S |
| Passeriformes | Tyrannidae | <i>Camptostoma obsoletum</i> (Temminck, 1840) | FSG | Vol | S |
| Passeriformes | Tyrannidae | <i>Elaenia chilensis</i> Hellmayr, 1927 | F | Vol | S |
| Passeriformes | Tyrannidae | <i>Elaenia chiriquensis</i> Pelzeln, 1868 | FSG | Vol | S |
| Passeriformes | Tyrannidae | <i>Elaenia cristata</i> Pelzeln, 1868 | FSG | Vol | S |
| Passeriformes | Tyrannidae | <i>Elaenia flavogaster</i> (Thunberg, 1859) | FSG | Vol | S |
| Passeriformes | Tyrannidae | <i>Elaenia mesoleuca</i> (Deppe, 1823) | F | Vol | S |
| Passeriformes | Tyrannidae | <i>Elaenia obscura</i> Zimmer, 1941 | F | Vol | S |
| Passeriformes | Tyrannidae | <i>Elaenia parvirostris</i> Pelzeln, 1868 | F | Vol | S |
| Passeriformes | Tyrannidae | <i>Elaenia spectabilis</i> Pelzeln, 1868 | FG | Vol | S |
| Passeriformes | Tyrannidae | <i>Empidonomus varius</i> (Vieillot, 1853) | FSG | Vol | S |
| Passeriformes | Tyrannidae | <i>Euscarthmus rufomarginatus</i> (Pelzeln, 1927) | G | Vol | S |
| Passeriformes | Tyrannidae | <i>Griseotyrannus aurantioatrocristatus</i> (d'Orbigny & Lafresnaye, 1818) | FSG | Vol | S |
| Passeriformes | Tyrannidae | <i>Knipolegus nigerrimus</i> (Vieillot, 1825) | F | Vol | S |
| Passeriformes | Tyrannidae | <i>Legatus leucophaeus</i> (Vieillot, 1789) | FG | Vol | S |
| Passeriformes | Tyrannidae | <i>Megarynchus pitangua</i> (Linnaeus, 1826) | FS | Vol | S |
| Passeriformes | Tyrannidae | <i>Myiarchus ferox</i> (Gmelin, 1816) | FS | Vol | S |
| Passeriformes | Tyrannidae | <i>Myiarchus swainsoni</i> Cabanis & Heine, 1859 | FSG | Vol | S |
| Passeriformes | Tyrannidae | <i>Myiarchus tyrannulus</i> (Statius Muller, 1839) | FS | Vol | S |
| Passeriformes | Tyrannidae | <i>Myiodynastes maculatus</i> (Statius Muller, 1831) | FS | Vol | S |
| Passeriformes | Tyrannidae | <i>Myiopagis caniceps</i> (Swainson, 1902) | F | Vol | S |
| Passeriformes | Tyrannidae | <i>Myiopagis gaimardii</i> (d'Orbigny, 1892) | F | Vol | S |
| Passeriformes | Tyrannidae | <i>Myiopagis viridicata</i> (Vieillot, 1839) | F | Vol | S |
| Passeriformes | Tyrannidae | <i>Myiozetetes cayanensis</i> (Linnaeus, 1789) | FS | Vol | S |
| Passeriformes | Tyrannidae | <i>Myiozetetes similis</i> (Spix, 1835) | F | Vol | S |
| Passeriformes | Tyrannidae | <i>Phaeomyias murina</i> (Spix, 1817) | F | Vol | S |
| Passeriformes | Tyrannidae | <i>Philohydor lictor</i> (Lichtenstein, 1867) | F | Vol | S |
| Passeriformes | Tyrannidae | <i>Phyllomyias fasciatus</i> (Thunberg, 1831) | FS | Vol | S |
| Passeriformes | Tyrannidae | <i>Pitangus sulphuratus</i> (Linnaeus, 1822) | FSG | Vol | S |
| Passeriformes | Tyrannidae | <i>Tyrannus albogularis</i> Burmeister, 1856 | FS | Vol | S |



Table S2. Cont.

| Orders | Families | Species | Formation | Locomotion | Body size |
|------------------|--------------|---------------------------------------------------------|-----------|------------|-----------|
| Passeriformes | Tyrannidae | <i>Tyrannus melancholicus</i> Vieillot, 1819 | FSG | Vol | S |
| Passeriformes | Tyrannidae | <i>Tyrannus savana savana</i> Vieillot, 1808 | FSG | Vol | S |
| Passeriformes | Tyrannidae | <i>Xolmis velatus</i> (Lichtenstein, 1868) | SG | Vol | S |
| Passeriformes | Vireonidae | <i>Cyclarhis gujanensis</i> (Gmelin, 1890) | FSG | Vol | S |
| Passeriformes | Vireonidae | <i>Hylophilus amaurocephalus</i> (Nordmann, 2013) | F | Vol | S |
| Passeriformes | Vireonidae | <i>Hylophilus poicilotis</i> Temminck, 1822 | SG | Vol | S |
| Passeriformes | Vireonidae | <i>Vireo olivaceus</i> (Linnaeus, 1914) | F | Vol | S |
| Piciformes | Picidae | <i>Campephilus melanoleucos</i> (Gmelin, 2013) | FS | Vol | L |
| Piciformes | Picidae | <i>Celeus flavescens</i> (Gmelin, 1848) | FS | Vol | L |
| Piciformes | Picidae | <i>Colaptes campestris</i> (Vieillot, 1885) | FSG | Vol | L |
| Piciformes | Picidae | <i>Colaptes melanochloros</i> (Gmelin, 1963) | FS | Vol | L |
| Piciformes | Picidae | <i>Dryocopus lineatus</i> (Linnaeus, 1910) | FSG | Vol | L |
| Piciformes | Picidae | <i>Melanerpes candidus</i> (Otto, 1807) | FS | Vol | S |
| Piciformes | Picidae | <i>Melanerpes flavifrons</i> (Vieillot, 1919) | F | Vol | S |
| Piciformes | Picidae | <i>Picumnus albosquamatus</i> d'Orbigny, 1840 | FS | Vol | S |
| Piciformes | Picidae | <i>Veniliornis mixtus</i> (Boddaert, 1766) | FSG | Vol | S |
| Piciformes | Picidae | <i>Veniliornis passerinus</i> (Linnaeus, 1812) | FS | Vol | S |
| Piciformes | Picidae | <i>Veniliornis spilogaster</i> (Wagler, 1809) | F | Vol | S |
| Piciformes | Ramphastidae | <i>Pteroglossus castanotis</i> Gould, 1834 | F | Vol | L |
| Piciformes | Ramphastidae | <i>Ramphastos dicolorus</i> Linnaeus, 1766 | FS | Vol | L |
| Piciformes | Ramphastidae | <i>Ramphastos toco</i> Statius Muller, 1776 | FS | Vol | L |
| Piciformes | Ramphastidae | <i>Ramphastos vitellinus</i> Lichtenstein, 1823 | F | Vol | L |
| Psittaciformes | Psittacidae | <i>Alipiopsitta xanthops</i> (Spix, 1837) | FSG | Vol | L |
| Psittaciformes | Psittacidae | <i>Amazona aestiva</i> (Linnaeus, 1782) | FSG | Vol | L |
| Psittaciformes | Psittacidae | <i>Amazona amazonica</i> (Linnaeus, 1841) | FS | Vol | L |
| Psittaciformes | Psittacidae | <i>Ara ararauna</i> (Linnaeus, 1760) | FSG | Vol | L |
| Psittaciformes | Psittacidae | <i>Aratinga jandaya</i> (Gmelin, 1902) | FG | Vol | L |
| Psittaciformes | Psittacidae | <i>Eupsittula aurea</i> (Gmelin, 1788) | FSG | Vol | S |
| Psittaciformes | Psittacidae | <i>Psittacara leucophthalmus</i> (Statius Muller, 1906) | F | Vol | L |
| Psittaciformes | Psittacidae | <i>Brotogeris chiriri</i> (Vieillot, 1851) | FS | Vol | S |
| Psittaciformes | Psittacidae | <i>Brotogeris tirica</i> (Gmelin, 1776) | FSG | Vol | S |
| Psittaciformes | Psittacidae | <i>Diopsittaca nobilis</i> (Linnaeus, 1851) | FSG | Vol | L |
| Psittaciformes | Psittacidae | <i>Forpus xanthopterygius</i> (Spix, 1843) | FS | Vol | S |
| Psittaciformes | Psittacidae | <i>Orthopsittaca manilatus</i> (Boddaert, 1783) | FS | Vol | L |
| Psittaciformes | Psittacidae | <i>Pionus maximiliani</i> (Kuhl, 1917) | FS | Vol | S |
| Psittaciformes | Psittacidae | <i>Pionus menstruus</i> (Linnaeus, 1935) | F | Vol | S |
| Struthioniformes | Rheidae | <i>Rhea americana</i> (Linnaeus, 1818) | SG | Ter | L |
| Tinamiformes | Tinamidae | <i>Crypturellus parvirostris</i> (Wagler, 1758) | SG | Ter | L |
| Tinamiformes | Tinamidae | <i>Crypturellus undulatus</i> (Temminck, 1766) | S | Ter | L |
| Tinamiformes | Tinamidae | <i>Nothura maculosa</i> (Temminck, 1840) | SG | Ter | L |
| Tinamiformes | Tinamidae | <i>Nothura minor</i> (Spix, 1967) | SG | Ter | L |
| Tinamiformes | Tinamidae | <i>Rhynchotus rufescens</i> (Temminck, 1789) | SG | Ter | L |
| Tinamiformes | Tinamidae | <i>Taoniscus nanus</i> (Temminck, 1822) | G | Ter | S |
| Tinamiformes | Trogonidae | <i>Trogon surrucura</i> Vieillot, 1817 | F | Vol | L |
| Artiodactyla | Cervidae | <i>Mazama americana</i> Erxleben, 1777 | FSG | Ter | L |
| Artiodactyla | Cervidae | <i>Mazama gouazoubira</i> Fischer, 1814 | FSG | Ter | L |
| Artiodactyla | Cervidae | <i>Ozotoceros bezoarticus</i> Linnaeus, 1758 | FSG | Ter | L |



Table S2. Cont.

| Orders | Families | Species | Formation | Locomotion | Body size |
|-----------------|----------------|---------------------------------------------------------------|-----------|------------|-----------|
| Artiodactyla | Tayassuidae | <i>Pecari tajacu</i> (Linnaeus, 1758) | FSG | Ter | L |
| Artiodactyla | Tayassuidae | <i>Tayassu pecari</i> (Link, 1795) | FS | Ter | L |
| Carnivora | Canidae | <i>Cerdocyon thous</i> (Linnaeus, 1766) | FSG | Ter | L |
| Carnivora | Canidae | <i>Chrysocyon brachyurus</i> (Illiger, 1815) | FSG | Ter | L |
| Carnivora | Canidae | <i>Lycalopex vetulus</i> (Lund, 1842) | FSG | Ter | L |
| Carnivora | Mephitidae | <i>Conepatus semistriatus</i> (Boddaert, 1785) | FSG | Ter | L |
| Carnivora | Mustelidae | <i>Eira barbara</i> (Linnaeus, 1758) | FSG | ArbTer | L |
| Carnivora | Procyonidae | <i>Nasua nasua</i> (Linnaeus, 1766) | FS | ArbTer | L |
| Carnivora | Procyonidae | <i>Procyon cancrivorus</i> G. Cuvier, 1798 | FS | ArbTer | L |
| Didelphimorphia | Didelphidae | <i>Caluromys lanatus</i> (Olfers, 1818) | F | Arb | L |
| Didelphimorphia | Didelphidae | <i>Didelphis albiventris</i> Lund, 1840 | FSG | ArbTer | L |
| Didelphimorphia | Didelphidae | <i>Didelphis marsupialis</i> Linnaeus, 1758 | FS | ArbTer | L |
| Didelphimorphia | Didelphidae | <i>Gracilinanus agilis</i> (Burmeister, 1854) | FS | Arb | S |
| Didelphimorphia | Didelphidae | <i>Marmosa murina</i> (Linnaeus, 1758) | FS | Arb | S |
| Didelphimorphia | Didelphidae | <i>Metachirus nudicaudatus</i> (Desmarest, 1817) | FS | ArbTer | L |
| Didelphimorphia | Didelphidae | <i>Monodelphis domestica</i> (Wagner, 1842) | FSG | Ter | S |
| Didelphimorphia | Didelphidae | <i>Monodelphis kunsii</i> Pine, 1975 | SG | ArbTer | S |
| Didelphimorphia | Didelphidae | <i>Philander opossum</i> (Linnaeus, 1758) | FSG | Arb | L |
| Didelphimorphia | Didelphidae | <i>Thylamys velutinus</i> (Wagner, 1842) | S | ArbTer | S |
| Perissodactyla | Tapiridae | <i>Tapirus terrestris</i> (Linnaeus, 1758) | FSG | Ter | L |
| Primates | Atelidae | <i>Alouatta caraya</i> (Humboldt, 1812) | F | Arb | L |
| Primates | Callitrichidae | <i>Callithrix penicillata</i> (E. Geoffroy in Humboldt, 1812) | FS | Arb | L |
| Primates | Cebidae | <i>Sapajus libidinosus</i> (Spix, 1823) | F | Arb | L |
| Rodentia | Caviidae | <i>Cavia aperea</i> Erxleben, 1777 | FG | Ter | L |
| Rodentia | Caviidae | <i>Galea spixii</i> (Wagler, 1831) | S | Ter | L |
| Rodentia | Cricetidae | <i>Akodon cursor</i> (Winge, 1887) | F | Ter | S |
| Rodentia | Cricetidae | <i>Akodon lindberghi</i> Hershkovitz, 1990 | FSG | Ter | S |
| Rodentia | Cricetidae | <i>Akodon montensis</i> Thomas, 1913 | G | Ter | S |
| Rodentia | Cricetidae | <i>Calomys callosus</i> (Rengger, 1830) | FSG | Ter | S |
| Rodentia | Cricetidae | <i>Calomys expulsus</i> (Lund, 1840) | G | Ter | S |
| Rodentia | Cricetidae | <i>Calomys tener</i> (Winge, 1887) | FSG | Ter | S |
| Rodentia | Cricetidae | <i>Calomys tocantinsi</i> Bonvicino, Lima & Almeida, 2003 | G | Ter | S |
| Rodentia | Cricetidae | <i>Euryoryzomys lamia</i> (Thomas, 1901) | F | Ter | S |
| Rodentia | Cricetidae | <i>Necomys lasiurus</i> (Lund, 1841) | SG | Ter | S |
| Rodentia | Cricetidae | <i>Nectomys rattus</i> (Pelzeln, 1883) | F | Ter | L |
| Rodentia | Cricetidae | <i>Nectomys squamipes</i> (Brants, 1827) | F | Ter | L |
| Rodentia | Cricetidae | <i>Oecomys bicolor</i> (Tomes, 1860) | F | Arb | S |
| Rodentia | Cricetidae | <i>Oecomys concolor</i> (Wagner, 1845) | FS | Arb | S |
| Rodentia | Cricetidae | <i>Oligoryzomys fornesi</i> (Massoia, 1973) | FG | ArbTer | S |
| Rodentia | Cricetidae | <i>Oligoryzomys microtis</i> (J. A. Allen, 1916) | SG | ArbTer | S |
| Rodentia | Cricetidae | <i>Oligoryzomys nigripes</i> (Olfers, 1818) | F | ArbTer | S |
| Rodentia | Cricetidae | <i>Rhipidomys macrurus</i> (P. Gervais, 1855) | F | Arb | S |
| Rodentia | Cricetidae | <i>Rhipidomys mastacalis</i> (Lund, 1840) | FS | Arb | S |
| Rodentia | Cuniculidae | <i>Cuniculus paca</i> (Linnaeus, 1766) | FS | Ter | L |
| Rodentia | Dasyproctidae | <i>Dasyprocta azarae</i> Lichtenstein, 1823 | FSG | Ter | L |
| Rodentia | Echimyidae | <i>Thrichomys apereoides</i> (Lund, 1839) | SG | Ter | L |
| Rodentia | Erethizontidae | <i>Coendou prehensilis</i> (Linnaeus, 1758) | FS | Arb | L |



Table S2. Cont.

| Orders | Families | Species | Formation | Locomotion | Body size |
|------------|----------------|--------------------------------------------------------------|-----------|------------|-----------|
| Chiroptera | Phyllostomidae | <i>Anoura caudifer</i> (Geoffroy, 1818) | FS | Vol | S |
| Chiroptera | Phyllostomidae | <i>Anoura geoffroyi</i> Gray, 1838 | FS | Vol | S |
| Chiroptera | Phyllostomidae | <i>Artibeus fimbriatus</i> Gray, 1838 | FS | Vol | S |
| Chiroptera | Phyllostomidae | <i>Artibeus lituratus</i> (Olfers, 1818) | FS | Vol | S |
| Chiroptera | Phyllostomidae | <i>Artibeus planirostris</i> (Spix, 1823) | FS | Vol | S |
| Chiroptera | Phyllostomidae | <i>Carollia perspicillata</i> (Linnaeus, 1758) | FS | Vol | S |
| Chiroptera | Phyllostomidae | <i>Chiroderma doriae</i> Thomas, 1891 | F | Vol | S |
| Chiroptera | Phyllostomidae | <i>Chiroderma villosum</i> Peters, 1860 | S | Vol | S |
| Chiroptera | Phyllostomidae | <i>Dermanura cinerea</i> (Gervais, 1856) | F | Vol | S |
| Chiroptera | Phyllostomidae | <i>Glossophaga soricina</i> (Pallas, 1766) | FS | Vol | S |
| Chiroptera | Phyllostomidae | <i>Lonchophylla dekeyseri</i> Taddei, Vizotto & Sazima, 1983 | F | Vol | S |
| Chiroptera | Phyllostomidae | <i>Lonchorhina aurita</i> Tomes, 1863 | F | Vol | S |
| Chiroptera | Phyllostomidae | <i>Lophostoma brasiliense</i> Peters, 1866 | F | Vol | S |
| Chiroptera | Phyllostomidae | <i>Macrophyllum macrophyllum</i> (Schinz, 1821) | F | Vol | S |
| Chiroptera | Phyllostomidae | <i>Micronycteris megalotis</i> (Gray, 1842) | F | Vol | S |
| Chiroptera | Phyllostomidae | <i>Micronycteris minuta</i> (Gervais, 1856) | S | Vol | S |
| Chiroptera | Phyllostomidae | <i>Mimon bennettii</i> (Gray, 1838) | S | Vol | S |
| Chiroptera | Phyllostomidae | <i>Phylloderma stenops</i> (Peters, 1865) | F | Vol | S |
| Chiroptera | Phyllostomidae | <i>Phyllostomus discolor</i> (Wagner, 1843) | F | Vol | S |
| Chiroptera | Phyllostomidae | <i>Phyllostomus hastatus</i> (Pallas, 1767) | S | Vol | S |
| Chiroptera | Phyllostomidae | <i>Platyrrhinus incarum</i> (Thomas, 1912) | F | Vol | S |
| Chiroptera | Phyllostomidae | <i>Platyrrhinus lineatus</i> (E. Geoffroy, 1810) | FS | Vol | S |
| Chiroptera | Phyllostomidae | <i>Pygoderma bilabiatum</i> (Wagner, 1843) | F | Vol | S |
| Chiroptera | Phyllostomidae | <i>Sturnira lilium</i> (E. Geoffroy St.-Hilaire, 1810) | FS | Vol | S |
| Chiroptera | Phyllostomidae | <i>Trachops cirrhosus</i> (Spix, 1823) | F | Vol | S |
| Chiroptera | Phyllostomidae | <i>Vampyressa pusilla</i> (Wagner, 1843) | F | Vol | S |

