Supplemental Material

Table 1: Genus dietary classifications and included species with primary references

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| --- | --- | --- | --- |
| Genus | Species | Dietary category | References |
| *Arctocebus* | *A. calabarensis* | Insectivory | Charles-Dominique, 1977, 1979 |
| *Avahi* | *Av. laniger* | Folivory | Ganzhorn et al., 1985; Harcourt, 1991; Thalmann, 2001 |
| *Cheirogaleus* | *C. medius; C. major* | Frugivory | Hladik et al., 1980; Fietz and Ganzhorn, 1999; Lahann, 2007 |
| *Eulemur* | *E. albifrons; E. fulvus; E. macaco* | Frugivory | Overdorff, 1992; Vasey, 2002; Sato et al., 2016; Erhart et al., 2018 |
| *Euoticus* | *Eu. elegantulus* | Frugivory | Charles-Dominique, 1979 |
| *Galago* | *G. senegalensis* | Insectivory | Harcourt 1986, Bearder and Martin, 1980; Burrows and Nash, 2010 |
| *Galagoides* | *Ga. demidoff* | Insectivory | Charles-Dominique, 1977, 1979; Harcourt and Nash, 1986 |
| *Hapalemur* | *H. griseus* | Folivory | Overdorff et al., 1997 |
| *Indri* | *I. indri* | Folivory | Britt et al., 2002; Powzyk and Mowry, 2003 |
| *Lemur* | *L. catta* | Frugivory | Hladik, 1979; Gould, 2006 |
| *Lepilemur* | *Le. edwardsi; Le. leucopus; Le. microdon; Le. mustelinus; Le. ruficaudatus; Le. septentrionalis* | Folivory | Thalmann, 2001 |
| *Loris* | *Lo. tardigradus* | Insectivory | Nekaris and Rasmussen, 2003; Nekaris, 2005 |
| *Microcebus* | *M. murinus; M. rufus; M. sambiranensis* | Insectivory | Hladik et al., 1980; Lahann, 2007; Dammhahn and Kappeler, 2008 |
| *Mirza* | *Mi. coquereli; M. zaza* | Frugivory | Hladik et al., 1980 |
| *Nycticebus* | *N. bengalensis; N. coucant; N. javanicus; N. pygmaeus* | Frugivory | Streicher, 2004, 2009; Wiens et al., 2006; Rode-Margono et al., 2014 |
| *Otolemur* | *O. crassicaudatus* | Frugivory | Harcourt and Nash, 1986; Masters et al., 1988 |
| *Perodicticus* | *P. potto* | Frugivory | Charles-Dominique, 1977, 1979 |
| *Phaner* | *Ph. furcifer* | Frugivory | Hladik et al., 1980; Nash, 1986 |
| *Prolemur* | *Pr. simus* | Folivory | Olson et al., 2013 |
| *Propithecus* | *Pro. diadema; Pro. edwardsi; Pro. coronatus; Pro. verreauxi* | Folivory | Hemingway, 1996; Norscia et al., 2006; Sato et al., 2016; Erhart et al., 2018 |
| *Sciurocheirus* | *S. alleni* | Frugivory | Charles-Dominique, 1977, 1979 |
| *Varecia* | *V. rubra; V. variegata* | Frugivory | Balko, 1998; Vasey, 2000; Erhart et al., 2018 |

Table 2: ariaDNE 0.8 sum and CV, OPC, and RFI by extant strepsirrhine and subfossil lemur genus

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Genus | *n* | DNE | DNE CV | OPC | RFI |
| *Djebelemur*† | 1 | 0.081 | 0.843 | 78.6 | 0.26 |
| *Plesiopithecus*† | 2 | 1.06 | 0.072 | 82.7 | 0.235 |
| *Propotto*† | 3 | 0.975 | 0.057 | 105.5 | 0.196 |
| *Archaeolemur*† | 6 | 0.063 | 1.03 | 89.3 | 0.26 |
| *Hadropithecus*† | 1 | 0.073 | 1.006 | 108.1 | 0.262 |
| *Megaladapis*† | 5 | 0.074 | 1.059 | 78.1 | 0.254 |
| *Babakotia*† | 5 | 0.07 | 1.511 | 171.8 | 0.285 |
| *Mesopropithecus*† | 3 | 0.08 | 0.929 | 99.4 | 0.266 |
| *Palaeopropithecus*† | 4 | 0.072 | 1.172 | 117 | 0.223 |
| *Cheirogaleus* | 11 | 0.063 | 0.972 | 91.3 | 0.204 |
| *Microcebus* | 23 | 0.086 | 0.928 | 88.5 | 0.245 |
| *Mirza* | 5 | 0.074 | 0.912 | 80.4 | 0.228 |
| *Phaner* | 2 | 0.073 | 0.908 | 79.6 | 0.237 |
| *Avahi* | 12 | 0.089 | 1.078 | 109.8 | 0.3 |
| *Indri* | 8 | 0.076 | 1.119 | 98 | 0.246 |
| *Propithecus* | 18 | 0.079 | 1.098 | 102.3 | 0.271 |
| *Eulemur* | 15 | 0.077 | 1.042 | 95.8 | 0.271 |
| *Hapalemur* | 7 | 0.083 | 1.061 | 81.7 | 0.254 |
| *Lemur* | 11 | 0.08 | 1.016 | 89.8 | 0.261 |
| *Pachylemur*† | 2 | 0.071 | 0.871 | 69.1 | 0.265 |
| *Prolemur* | 12 | 0.081 | 1.037 | 154 | 0.241 |
| *Varecia* | 8 | 0.073 | 1.026 | 85.5 | 0.232 |
| *Lepilemur* | 25 | 0.079 | 1.062 | 83.2 | 0.26 |
| *Karanisia*† | 4 | 1.01 | 0.079 | 95.9 | 0.302 |
| *Komba*† | 2 | 0.823 | 0.085 | 59.1 | 0.274 |
| *Nycticeboides*† | 1 | 1.07 | 0.083 | 86.8 | 0.259 |
| *Wadilemur*† | 2 | 0.885 | 0.082 | 75 | 0.286 |
| *Euoticus* | 6 | 0.084 | 1.009 | 75.4 | 0.306 |
| *Galago* | 5 | 0.095 | 0.964 | 80.6 | 0.296 |
| *Galagoides* | 8 | 0.092 | 0.956 | 91.1 | 0.289 |
| *Sciurocheirus* | 6 | 0.08 | 0.965 | 78 | 0.26 |
| *Otolemur* | 5 | 0.075 | 0.847 | 80.8 | 0.279 |
| *Arctocebus* | 8 | 0.101 | 0.901 | 101.5 | 0.305 |
| *Loris* | 7 | 0.098 | 0.964 | 98.5 | 0.297 |
| *Nycticebus* | 11 | 0.074 | 0.973 | 94.5 | 0.253 |

Table 3: ariaDNE 0.8 sum and CV, OPC, and RFI by extant strepsirrhine diet group, with standard errors

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Diet | *n* | DNE | DNE CV | OPC | RFI |
| Folivory | 84 | 0.081 (+/- 0.001) | 1.074 (+/- 0.012) | 103.6 (+/- 3.12) | 0.27 (+/- 0.003) |
| Frugivory | 96 | 0.073 (+/- 0.001) | 0.998 (+/- 0.008) | 87.7 (+/- 1.32) | 0.252 (+/- 0.003) |
| Insectivory | 53 | 0.091 (+/- 0.001) | 0.936 (+/- 0.008) | 91.8 (+/- 2.08) | 0.278 (+/- 0.005) |