**Projecting forest cover in Madagascar’s protected areas to 2050 and its implications for lemur conservation**

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Supplementary Table 1. Occurrence of lemur species in protected areas of different IUCN categories of protection. Note that forms that could not be assigned to a given species at a given site are not included in the compilation.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | IUCN category as of 2017 | | | | | | Total |
|  | I | II | III | IV | V | VI |  |
| *Allocebus trichotis* |  | 7 |  | 2 | 2 | 3 | 14 |
| *Avahi betsileo* |  |  |  |  | 1 |  | 1 |
| *Avahi cleesei* |  | 2 |  |  | 1 |  | 3 |
| *Avahi laniger* | 1 | 8 |  | 5 | 6 | 3 | 23 |
| *Avahi meridionalis* |  | 2 |  | 1 | 3 | 1 | 7 |
| *Avahi mooreorum* |  | 1 |  |  |  |  | 1 |
| *Avahi occidentalis* |  | 1 |  | 1 | 2 | 2 | 6 |
| *Avahi peyrierasi* |  | 2 |  | 1 | 1 |  | 4 |
| *Avahi ramanantsoavani* |  |  |  | 1 |  | 2 | 3 |
| *Avahi unicolor* |  |  |  | 1 | 1 |  | 2 |
| *Cheirogaleus andysabini* |  | 1 |  |  |  |  | 1 |
| *Cheirogaleus crossleyi* |  | 4 |  | 2 | 2 | 2 | 10 |
| *Cheirogaleus grovesi* |  | 1 |  |  |  |  | 1 |
| *Cheirogaleus lavasoensis* |  |  |  | 2 |  |  | 2 |
| *Cheirogaleus major* | 1 | 6 |  | 4 | 4 | 3 | 18 |
| *Cheirogaleus medius* |  | 11 | 1 | 2 | 9 |  | 23 |
| *Cheirogaleus shethi* |  |  |  | 2 | 2 |  | 4 |
| *Cheirogaleus sibreei* |  | 1 |  |  | 1 |  | 2 |
| *Cheirogaleus thomasi* |  |  |  |  | 1 |  | 1 |
| *Daubentonia madagascariensis* | 2 | 18 |  | 11 | 13 | 8 | 52 |
| *Eulemur albifrons* | 1 | 5 |  | 2 | 1 | 1 | 10 |
| *Eulemur cinereiceps* |  | 1 |  | 1 | 1 | 3 | 6 |
| *Eulemur collaris* |  | 2 |  | 2 | 2 | 2 | 8 |
| *Eulemur coronatus* |  | 1 |  | 2 | 4 | 1 | 8 |
| *Eulemur flavifrons* |  | 1 |  |  |  |  | 1 |
| *Eulemur fulvus* | 1 | 5 |  | 7 | 8 | 5 | 26 |
| *Eulemur macaco* | 1 | 1 |  | 1 | 2 |  | 5 |
| *Eulemur mongoz* |  | 1 |  |  | 3 | 1 | 5 |
| *Eulemur rubriventer* | 1 | 9 |  | 7 | 5 | 3 | 25 |
| *Eulemur rufifrons* |  | 6 | 1 | 2 | 5 |  | 14 |
| *Eulemur rufus* |  | 5 |  | 5 | 5 |  | 15 |
| *Eulemur sanfordi* |  | 1 |  | 2 | 2 | 1 | 6 |
| *Hapalemur alaotrensis* |  |  |  |  | 1 |  | 1 |
| *Hapalemur aureus* |  | 3 |  |  | 1 |  | 4 |
| *Hapalemur griseus* | 1 | 8 |  | 7 | 8 | 2 | 26 |
| *Hapalemur meridionalis* |  | 2 |  | 3 | 1 | 2 | 8 |
| *Hapalemur occidentalis* | 1 | 5 |  | 6 | 4 | 3 | 19 |
| *Indri indri* | 1 | 5 |  | 4 | 4 | 3 | 17 |
| *Lemur catta* |  | 8 | 1 | 3 | 11 | 1 | 24 |
| *Lepilemur aeeclis* |  |  |  |  | 1 | 1 | 2 |
| *Lepilemur ahmansonorum* |  | 1 |  |  | 1 |  | 2 |
| *Lepilemur ankaranensis* |  | 1 |  | 2 | 1 |  | 4 |
| *Lepilemur betsileo* |  | 1 |  |  | 1 |  | 2 |
| *Lepilemur dorsalis* | 1 |  |  | 1 | 1 |  | 3 |
| *Lepilemur edwardsi* |  | 1 |  |  |  |  | 1 |
| *Lepilemur fleuretae* |  | 1 |  |  |  | 1 | 2 |
| *Lepilemur grewcockorum* |  |  |  |  |  |  | 0 |
| *Lepilemur hollandorum* |  | 1 |  |  |  |  | 1 |
| *Lepilemur hubbardorum* |  | 3 |  |  |  |  | 3 |
| *Lepilemur jamesorum* |  |  |  | 1 | 1 |  | 2 |
| *Lepilemur leucopus* |  | 2 |  |  | 2 | 1 | 5 |
| *Lepilemur microdon* |  | 2 |  | 1 |  |  | 3 |
| *Lepilemur milanoii* |  |  |  |  | 2 |  | 2 |
| *Lepilemur mittermeieri* |  |  |  |  | 1 |  | 1 |
| *Lepilemur mustelinus* | 1 | 4 |  | 2 | 3 | 3 | 13 |
| *Lepilemur otto* |  |  |  |  | 1 |  | 1 |
| *Lepilemur petteri* |  | 1 |  | 1 | 2 |  | 4 |
| *Lepilemur randrianasoloi* |  | 2 |  |  | 1 |  | 3 |
| *Lepilemur ruficaudatus* |  | 1 |  | 1 | 5 |  | 7 |
| *Lepilemur sahamalazensis* |  | 1 |  |  |  |  | 1 |
| *Lepilemur scottorum* |  | 1 |  |  |  |  | 1 |
| *Lepilemur seali* |  | 2 |  | 1 | 1 |  | 4 |
| *Lepilemur septentrionalis* |  |  |  |  | 1 |  | 1 |
| *Lepilemur tymerlachsoni* |  | 1 |  |  |  |  | 1 |
| *Lepilemur wrightae* |  |  |  | 1 |  |  | 1 |
| *Microcebus arnholdi* |  | 1 |  |  |  |  | 1 |
| *Microcebus berthae* |  |  |  |  | 1 |  | 1 |
| *Microcebus bongolavensis* |  |  |  |  | 1 |  | 1 |
| *Microcebus boraha* |  |  |  |  |  |  | 0 |
| *Microcebus danfossi* |  |  |  | 1 |  |  | 1 |
| *Microcebus ganzhorni* |  |  |  |  | 1 |  | 1 |
| *Microcebus gerpi* |  |  |  |  | 1 |  | 1 |
| *Microcebus griseorufus* |  | 3 |  | 2 | 6 | 1 | 12 |
| *Microcebus jollyae* |  |  |  |  | 1 |  | 1 |
| *Microcebus jonahi* |  | 1 |  |  |  |  | 1 |
| *Microcebus lehilahytsara* |  | 2 |  | 3 | 2 | 3 | 10 |
| *Microcebus macarthurii* |  | 1 |  |  |  |  | 1 |
| *Microcebus mamiratra* |  | 1 |  |  |  |  | 1 |
| *Microcebus manitatra* |  |  |  | 1 |  |  | 1 |
| *Microcebus marohita* |  | 1 |  |  |  |  | 1 |
| *Microcebus mittermeieri* |  | 2 |  | 1 | 1 | 1 | 5 |
| *Microcebus murinus* |  | 11 | 1 | 1 | 11 | 2 | 26 |
| *Microcebus myoxinus* |  | 4 |  |  | 3 |  | 7 |
| *Microcebus ravelobensis* |  | 1 |  |  |  |  | 1 |
| *Microcebus rufus* |  | 3 |  | 2 | 2 |  | 7 |
| *Microcebus sambiranensis* |  | 1 |  | 1 | 1 |  | 3 |
| *Microcebus simmonsi* | 1 | 1 |  |  | 1 |  | 3 |
| *Microcebus tanosi* |  | 1 |  |  | 1 | 1 | 3 |
| *Microcebus tavaratra* |  |  |  | 2 | 4 |  | 6 |
| *Mirza coquereli* |  | 5 |  | 1 | 5 |  | 11 |
| *Mirza zaza* |  | 2 |  | 1 | 1 |  | 4 |
| *Phaner electromontis* |  | 1 |  | 2 | 1 |  | 4 |
| *Phaner furcifer* | 1 | 5 |  |  |  |  | 6 |
| *Phaner pallescens* | 1 | 6 | 1 | 2 | 6 |  | 16 |
| *Phaner parienti* |  |  |  | 1 | 2 |  | 3 |
| *Prolemur simus* |  | 5 |  |  | 4 | 2 | 11 |
| *Propithecus candidus* |  | 2 |  | 1 | 1 | 1 | 5 |
| *Propithecus coquereli* |  | 1 |  | 1 | 2 |  | 4 |
| *Propithecus coronatus* |  |  |  | 1 | 1 | 1 | 3 |
| *Propithecus deckenii* |  | 4 |  | 4 | 3 | 1 | 12 |
| *Propithecus diadema* | 1 | 4 |  | 3 | 3 | 3 | 14 |
| *Propithecus edwardsi* |  | 3 |  | 1 | 1 |  | 5 |
| *Propithecus perrieri* |  |  |  | 2 | 1 |  | 3 |
| *Propithecus tattersalli* |  |  |  |  | 1 |  | 1 |
| *Propithecus verreauxi* |  | 8 | 1 | 3 | 12 | 1 | 25 |
| *Varecia rubra* |  | 2 |  |  |  |  | 2 |
| *Varecia variegata* | 1 | 8 |  | 4 | 1 | 3 | 17 |
| *Number of lemur species per category* | *17* | *78* | *6* | *60* | *80* | *37* |  |

Supplementary Table 2. Forest area available within protected areas in 2017 and 2050. Forest development based on annual deforestation rate of protected areas of IUCN categories I – VI.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Species | Forested area per species in 2017  [ha] | Forested area per species in 2050  [ha] | Difference 2017-2050  [ha] | Difference 2017 – 2050  [%] |
| *Allocebus trichotis* | 1086842 | 881073 | 205769 | 19 |
| *Avahi betsileo* | 207774 | 151631 | 56143 | 27 |
| *Avahi cleesei* | 101371 | 93210 | 8161 | 8 |
| *Avahi laniger* | 1313437 | 1073419 | 240018 | 18 |
| *Avahi meridionalis* | 253542 | 220433 | 33109 | 13 |
| *Avahi mooreorum* | 202827 | 191120 | 11707 | 6 |
| *Avahi occidentalis* | 149308 | 110098 | 39210 | 26 |
| *Avahi peyrierasi* | 256540 | 197361 | 59179 | 23 |
| *Avahi ramanantsoavani* | 3906 | 2795 | 1111 | 28 |
| *Avahi unicolor* | 73490 | 59260 | 14230 | 19 |
| *Cheirogaleus andysabini* | 23832 | 22456 | 1376 | 6 |
| *Cheirogaleus crossleyi* | 486963 | 319992 | 166971 | 34 |
| *Cheirogaleus grovesi* | 32632 | 30748 | 1884 | 6 |
| *Cheirogaleus lavasoensis* | 14194 | 12272 | 1922 | 14 |
| *Cheirogaleus major* | 843121 | 765116 | 78005 | 9 |
| *Cheirogaleus medius* | 884881 | 757409 | 127472 | 14 |
| *Cheirogaleus shethi* | 80181 | 62495 | 17686 | 22 |
| *Cheirogaleus sibreei* | 54780 | 46912 | 7868 | 14 |
| *Cheirogaleus thomasi* | 297 | 217 | 80 | 27 |
| *Daubentonia madagascariensis* | 2489128 | 1979786 | 509342 | 20 |
| *Eulemur albifrons* | 941626 | 783468 | 158158 | 17 |
| *Eulemur cinereiceps* | 225513 | 167229 | 58284 | 26 |
| *Eulemur collaris* | 254256 | 220871 | 33385 | 13 |
| *Eulemur coronatus* | 108358 | 87650 | 20708 | 19 |
| *Eulemur flavifrons* | 3962 | 3733 | 229 | 6 |
| *Eulemur fulvus* | 1161947 | 907473 | 254474 | 22 |
| *Eulemur macaco* | 182643 | 157986 | 24657 | 14 |
| *Eulemur mongoz* | 145453 | 117875 | 27578 | 19 |
| *Eulemur rubriventer* | 1698705 | 1307048 | 391657 | 23 |
| *Eulemur rufifrons* | 856683 | 701982 | 154701 | 18 |
| *Eulemur rufus* | 346337 | 289524 | 56813 | 16 |
| *Eulemur sanfordi* | 106288 | 86139 | 20149 | 19 |
| *Hapalemur aureus* | 333359 | 269968 | 63391 | 19 |
| *Hapalemur griseus* | 1129432 | 865369 | 264063 | 23 |
| *Hapalemur meridionalis* | 256417 | 222650 | 33767 | 13 |
| *Hapalemur occidentalis* | 1129061 | 913237 | 215824 | 19 |
| *Indri indri* | 921088 | 717556 | 203532 | 22 |
| *Lemur catta* | 919703 | 769999 | 149704 | 16 |
| *Lepilemur aeeclis* | 14364 | 9758 | 4606 | 32 |
| *Lepilemur ahmansonorum* | 64463 | 48498 | 15965 | 25 |
| *Lepilemur ankaranensis* | 65146 | 56587 | 8559 | 13 |
| *Lepilemur betsileo* | 287445 | 226704 | 60741 | 21 |
| *Lepilemur dorsalis* | 150275 | 134230 | 16045 | 11 |
| *Lepilemur edwardsi* | 58590 | 55208 | 3382 | 6 |
| *Lepilemur fleuretae* | 91983 | 69499 | 22484 | 24 |
| *Lepilemur hollandorum* | 18303 | 17247 | 1056 | 6 |
| *Lepilemur hubbardorum* | 27204 | 25634 | 1570 | 6 |
| *Lepilemur jamesorum* | 209979 | 153538 | 56441 | 27 |
| *Lepilemur leucopus* | 111323 | 80585 | 30738 | 28 |
| *Lepilemur microdon* | 48766 | 45729 | 3037 | 6 |
| *Lepilemur milanoii* | 50653 | 36966 | 13687 | 27 |
| *Lepilemur mittermeieri* | 31738 | 23162 | 8576 | 27 |
| *Lepilemur mustelinus* | 726846 | 537678 | 189168 | 26 |
| *Lepilemur otto* | 14876 | 10856 | 4020 | 27 |
| *Lepilemur petteri* | 243267 | 212626 | 30641 | 13 |
| *Lepilemur randrianasoloi* | 129242 | 119472 | 9770 | 8 |
| *Lepilemur ruficaudatus* | 553877 | 447351 | 106526 | 19 |
| *Lepilemur sahamalazensis* | 3962 | 3733 | 229 | 6 |
| *Lepilemur scottorum* | 202827 | 191120 | 11707 | 6 |
| *Lepilemur seali* | 485272 | 440755 | 44517 | 9 |
| *Lepilemur septentrionalis* | 1729 | 1262 | 467 | 27 |
| *Lepilemur tymerlachsoni* | 630 | 594 | 36 | 6 |
| *Lepilemur wrightae* | 13851 | 11975 | 1876 | 14 |
| *Microcebus arnholdi* | 23832 | 22456 | 1376 | 6 |
| *Microcebus berthae* | 74308 | 54229 | 20079 | 27 |
| *Microcebus bongolavensis* | 14876 | 10856 | 4020 | 27 |
| *Microcebus danfossi* | 1098 | 949 | 149 | 14 |
| *Microcebus ganzhorni* | 297 | 217 | 80 | 27 |
| *Microcebus gerpi* | 1349 | 984 | 365 | 27 |
| *Microcebus griseorufus* | 590494 | 500310 | 90184 | 15 |
| *Microcebus jollyae* | 207774 | 151631 | 56143 | 27 |
| *Microcebus jonahi* | 18303 | 17247 | 1056 | 6 |
| *Microcebus lehilahytsara* | 401379 | 235679 | 165700 | 41 |
| *Microcebus macarthurii* | 340629 | 320968 | 19661 | 6 |
| *Microcebus mamiratra* | 630 | 594 | 36 | 6 |
| *Microcebus manitatra* | 343 | 297 | 46 | 13 |
| *Microcebus marohita* | 79671 | 75073 | 4598 | 6 |
| *Microcebus mittermeieri* | 687251 | 546212 | 141039 | 21 |
| *Microcebus murinus* | 1034712 | 857549 | 177163 | 17 |
| *Microcebus myoxinus* | 171600 | 156018 | 15582 | 9 |
| *Microcebus ravelobensis* | 58590 | 55208 | 3382 | 6 |
| *Microcebus rufus* | 490727 | 415592 | 75135 | 15 |
| *Microcebus sambiranensis* | 77452 | 62993 | 14459 | 19 |
| *Microcebus simmonsi* | 64111 | 60276 | 3835 | 6 |
| *Microcebus tanosi* | 92487 | 69867 | 22620 | 24 |
| *Microcebus tavaratra* | 82251 | 64006 | 18245 | 22 |
| *Mirza coquereli* | 592446 | 482637 | 109809 | 19 |
| *Mirza zaza* | 84291 | 69438 | 14853 | 18 |
| *Phaner electromontis* | 65146 | 56587 | 8559 | 13 |
| *Phaner furcifer* | 675827 | 636818 | 39009 | 6 |
| *Phaner pallescens* | 760575 | 652931 | 107644 | 14 |
| *Phaner parienti* | 92907 | 73430 | 19477 | 21 |
| *Prolemur simus* | 856507 | 631752 | 224755 | 26 |
| *Propithecus candidus* | 687251 | 546212 | 141039 | 21 |
| *Propithecus coquereli* | 85437 | 74949 | 10488 | 12 |
| *Propithecus coronatus* | 20044 | 14669 | 5375 | 27 |
| *Propithecus deckenii* | 218519 | 186775 | 31744 | 15 |
| *Propithecus diadema* | 553303 | 373292 | 180011 | 33 |
| *Propithecus edwardsi* | 336211 | 272433 | 63778 | 19 |
| *Propithecus perrieri* | 41314 | 34130 | 7184 | 17 |
| *Propithecus tattersalli* | 38867 | 28365 | 10502 | 27 |
| *Propithecus verreauxi* | 954237 | 791446 | 162791 | 17 |
| *Varecia rubra* | 543456 | 512088 | 31368 | 6 |
| *Varecia variegata* | 1191154 | 935443 | 255711 | 21 |
| *Total* | *35198148* | *28580931* | *6617217* | *19* |

Supplementary Table 3. Occurrence of lemur species in different sized forest blocs of protected areas (in km²). Forms that could not be assigned to a given species at a given site are not included in the compilation.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 2017 | | | | | | | | | |  | 2050 | | | | | | | | | |  |
| Size of forest bloc | 5 | 15 | 30 | 60 | 120 | 240 | 480 | 960 | 1920 | > 2560 |  | 5 | 15 | 30 | 60 | 120 | 240 | 480 | 960 | 1920 | > 2560 |  |
| Lemur species |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Allocebus trichotis* | 10 |  | 3 |  | 2 | 5 | 2 |  | 1 | 2 |  | 10 | 2 | 1 | 1 | 4 | 2 | 2 |  | 2 | 1 | 25 |
| *Avahi betsileo* | 10 | 2 | 3 |  | 2 |  |  |  | 1 |  |  | 12 | 2 | 1 | 2 |  |  |  |  | 1 |  | 18 |
| *Avahi cleesei* |  |  |  | 1 | 1 |  |  | 1 |  |  |  |  |  |  | 2 |  |  |  | 1 |  |  | 3 |
| *Avahi laniger* | 16 | 3 | 3 |  | 2 | 5 | 2 | 3 | 1 | 2 |  | 17 | 4 | 1 | 1 | 3 | 3 | 4 | 1 | 2 | 1 | 37 |
| *Avahi meridionalis* | 6 |  |  |  | 1 |  | 2 |  | 1 |  |  | 6 |  |  |  | 1 | 1 | 1 |  | 1 |  | 10 |
| *Avahi mooreorum* | 3 |  |  |  |  |  |  |  | 1 |  |  | 3 |  |  |  |  |  |  |  | 1 |  | 4 |
| *Avahi occidentalis* | 4 | 1 |  |  | 2 | 1 | 2 |  |  |  |  | 5 |  |  |  | 3 | 1 | 1 |  |  |  | 10 |
| *Avahi peyrierasi* | 11 | 2 | 4 |  | 3 |  | 1 |  | 1 |  |  | 13 | 2 | 2 | 2 | 1 | 1 |  |  | 1 |  | 22 |
| *Avahi ramanantsoavani* | 2 | 2 |  |  |  |  |  |  |  |  |  | 3 | 1 |  |  |  |  |  |  |  |  | 4 |
| *Avahi unicolor* |  |  |  |  |  | 1 | 1 |  |  |  |  |  |  |  |  |  | 1 | 1 |  |  |  | 2 |
| *Cheirogaleus andysabini* | 1 |  |  |  |  | 1 |  |  |  |  |  | 1 |  |  |  |  | 1 |  |  |  |  | 2 |
| *Cheirogaleus crossleyi* | 6 | 1 | 3 |  | 1 | 2 | 3 |  |  | 1 |  | 6 | 3 | 1 |  | 2 | 2 | 2 |  | 1 |  | 17 |
| *Cheirogaleus grovesi* | 1 |  |  |  |  |  | 1 |  |  |  |  | 1 |  |  |  |  | 1 |  |  |  |  | 2 |
| *Cheirogaleus lavasoensis* | 1 |  |  |  | 1 |  |  |  |  |  |  | 1 |  |  |  | 1 |  |  |  |  |  | 2 |
| *Cheirogaleus major* | 15 | 3 | 1 |  |  | 3 | 3 | 1 | 1 | 1 |  | 17 | 1 | 1 |  | 1 | 3 | 3 |  | 1 | 1 | 28 |
| *Cheirogaleus medius* | 13 | 5 | 2 | 2 | 7 | 2 | 4 | 5 | 1 |  |  | 13 | 5 | 3 | 3 | 5 | 4 | 3 | 5 |  |  | 41 |
| *Cheirogaleus shethi* |  |  |  | 1 | 1 | 1 | 1 |  |  |  |  |  |  |  | 1 | 1 | 2 |  |  |  |  | 4 |
| *Cheirogaleus sibreei* | 1 |  |  |  |  | 1 | 1 |  |  |  |  | 1 |  |  |  |  | 2 |  |  |  |  | 3 |
| *Cheirogaleus thomasi* | 1 |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  | 1 |
| *Daubentonia madagascariensis* | 41 | 7 | 6 | 3 | 9 | 9 | 8 | 5 | 4 | 2 |  | 45 | 7 | 2 | 7 | 8 | 10 | 6 | 4 | 4 | 1 | 94 |
| *Eulemur albifrons* | 6 | 1 |  |  |  | 3 | 1 | 1 | 2 | 1 |  | 6 | 1 |  |  | 1 | 2 | 2 | 1 | 1 | 1 | 15 |
| *Eulemur cinereiceps* | 13 | 4 | 3 |  | 3 |  |  |  | 1 |  |  | 16 | 3 | 1 | 2 | 1 |  |  |  | 1 |  | 24 |
| *Eulemur collaris* | 6 |  |  |  | 1 |  | 2 |  | 1 |  |  | 6 |  |  |  | 1 | 1 | 1 |  | 1 |  | 10 |
| *Eulemur coronatus* | 6 | 1 |  | 1 | 1 | 2 | 1 |  |  |  |  | 6 | 1 |  | 1 | 1 | 3 |  |  |  |  | 12 |
| *Eulemur flavifrons* | 6 | 1 |  |  |  |  |  |  |  |  |  | 6 | 1 |  |  |  |  |  |  |  |  | 7 |
| *Eulemur fulvus* | 11 | 3 | 5 |  | 5 | 4 | 4 | 2 |  | 2 |  | 13 | 4 | 2 | 1 | 6 | 3 | 4 | 1 | 1 | 1 | 36 |
| *Eulemur macaco* | 1 |  |  |  |  | 2 | 1 | 1 |  |  |  | 1 |  |  |  | 1 | 1 | 1 | 1 |  |  | 5 |
| *Eulemur mongoz* |  |  | 1 |  | 3 |  | 2 |  |  |  |  |  | 1 |  | 1 | 2 |  | 2 |  |  |  | 6 |
| *Eulemur rubriventer* | 22 | 3 | 7 |  | 5 | 5 | 4 | 4 | 2 | 2 |  | 25 | 4 | 3 | 2 | 5 | 4 | 5 | 3 | 2 | 1 | 54 |
| *Eulemur rufifrons* | 11 | 5 | 6 | 1 | 5 |  | 1 | 5 | 2 |  |  | 13 | 5 | 4 | 3 | 3 | 1 | 2 | 4 | 1 |  | 36 |
| *Eulemur rufus* | 3 | 1 |  | 5 | 4 | 1 | 2 | 2 |  |  |  | 3 | 1 | 1 | 6 | 2 | 2 | 2 | 1 |  |  | 18 |
| *Eulemur sanfordi* | 5 |  |  | 1 | 1 | 2 | 1 |  |  |  |  | 5 |  |  | 1 | 1 | 3 |  |  |  |  | 10 |
| *Hapalemur aureus* | 11 | 2 | 3 |  | 3 |  | 1 | 1 | 1 |  |  | 13 | 2 | 1 | 2 | 1 | 1 |  | 1 | 1 |  | 22 |
| *Hapalemur griseus* | 22 | 5 | 7 | 1 | 6 | 3 | 3 | 2 | 2 | 1 |  | 25 | 6 | 3 | 4 | 4 | 4 | 1 | 2 | 3 |  | 52 |
| *Hapalemur meridionalis* | 3 | 2 |  |  | 1 |  | 2 |  | 1 |  |  | 4 | 1 |  |  | 1 | 1 | 1 |  | 1 |  | 9 |
| *Hapalemur occidentalis* | 16 | 1 |  | 1 |  | 6 | 4 | 3 | 1 | 1 |  | 16 | 1 |  | 1 | 3 | 4 | 5 | 2 |  | 1 | 33 |
| *Indri indri* | 8 | 2 | 3 |  | 3 | 5 | 1 | 1 |  | 2 |  | 9 | 3 | 1 | 1 | 4 | 3 | 2 |  | 1 | 1 | 25 |
| *Lemur catta* | 4 | 3 | 3 | 2 | 9 | 3 | 2 | 4 | 2 |  |  | 4 | 3 | 5 | 3 | 6 | 4 | 3 | 3 | 1 |  | 32 |
| *Lepilemur aeeclis* |  |  | 1 |  | 1 |  |  |  |  |  |  |  | 1 |  | 1 |  |  |  |  |  |  | 2 |
| *Lepilemur ahmansonorum* |  |  |  | 1 |  |  | 1 |  |  |  |  |  |  |  | 1 |  |  | 1 |  |  |  | 2 |
| *Lepilemur ankaranensis* | 1 |  |  | 1 | 1 | 2 |  |  |  |  |  | 1 |  |  | 1 | 1 | 2 |  |  |  |  | 5 |
| *Lepilemur betsileo* | 10 | 2 | 3 |  | 2 |  |  | 1 | 1 |  |  | 12 | 2 | 1 | 2 |  |  |  | 1 | 1 |  | 19 |
| *Lepilemur dorsalis* |  |  |  |  |  | 1 | 1 | 1 |  |  |  |  |  |  |  | 1 |  | 1 | 1 |  |  | 3 |
| *Lepilemur edwardsi* |  |  |  |  | 1 |  | 1 |  |  |  |  |  |  |  |  | 1 |  | 1 |  |  |  | 2 |
| *Lepilemur fleuretae* |  |  |  |  |  |  | 2 |  |  |  |  |  |  |  |  |  | 1 | 1 |  |  |  | 2 |
| *Lepilemur hollandorum* | 2 |  |  |  |  | 1 |  |  |  |  |  | 2 |  |  |  | 1 |  |  |  |  |  | 3 |
| *Lepilemur hubbardorum* |  | 2 |  |  | 2 |  |  |  |  |  |  |  | 2 |  |  | 2 |  |  |  |  |  | 4 |
| *Lepilemur jamesorum* | 11 | 3 | 3 |  | 2 |  |  |  | 1 |  |  | 13 | 3 | 1 | 2 |  |  |  |  | 1 |  | 20 |
| *Lepilemur leucopus* | 1 |  |  | 1 | 3 |  |  | 1 |  |  |  | 1 |  | 1 | 1 | 2 |  | 1 |  |  |  | 6 |
| *Lepilemur microdon* | 1 |  | 1 |  | 1 |  | 1 |  |  |  |  | 1 |  | 1 |  | 1 | 1 |  |  |  |  | 4 |
| *Lepilemur milanoii* |  |  |  |  | 1 |  | 1 |  |  |  |  |  |  |  |  | 1 | 1 |  |  |  |  | 2 |
| *Lepilemur mittermeieri* |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  | 1 |
| *Lepilemur mustelinus* | 9 | 1 | 3 |  | 2 | 3 | 1 | 1 | 1 | 1 |  | 9 | 3 | 1 | 1 | 2 | 2 | 2 |  | 2 |  | 22 |
| *Lepilemur otto* |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  | 1 |
| *Lepilemur petteri* |  |  | 1 |  | 2 | 1 | 1 |  | 1 |  |  |  |  | 1 | 1 | 1 | 2 |  |  | 1 |  | 6 |
| *Lepilemur randrianasoloi* |  |  |  |  | 1 |  | 1 | 1 |  |  |  |  |  |  | 1 |  | 1 |  | 1 |  |  | 3 |
| *Lepilemur ruficaudatus* |  | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 1 |  |  |  | 1 | 1 | 2 |  | 2 | 2 | 3 |  |  | 11 |
| *Lepilemur sahamalazensis* | 6 | 1 |  |  |  |  |  |  |  |  |  | 6 | 1 |  |  |  |  |  |  |  |  | 7 |
| *Lepilemur scottorum* | 3 |  |  |  |  |  |  |  | 1 |  |  | 3 |  |  |  |  |  |  |  | 1 |  | 4 |
| *Lepilemur seali* |  |  |  |  |  | 1 | 1 | 1 |  | 1 |  |  |  |  |  |  | 1 | 2 |  |  | 1 | 4 |
| *Lepilemur septentrionalis* |  | 1 |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  | 1 |
| *Lepilemur tymerlachsoni* | 1 |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  | 1 |
| *Lepilemur wrightae* |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  | 1 |
| *Microcebus arnholdi* | 1 |  |  |  |  | 1 |  |  |  |  |  | 1 |  |  |  |  | 1 |  |  |  |  | 2 |
| *Microcebus berthae* |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  | 1 |  |  |  | 1 |
| *Microcebus bongolavensis* |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  | 1 |
| *Microcebus danfossi* |  | 1 |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  | 1 |
| *Microcebus ganzhorni* | 1 |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  | 1 |
| *Microcebus gerpi* |  | 1 |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  | 1 |
| *Microcebus griseorufus* |  |  | 3 | 2 | 4 | 1 | 2 | 3 | 1 |  |  |  |  | 5 | 2 | 2 | 2 | 3 | 1 | 1 |  | 16 |
| *Microcebus jollyae* | 10 | 2 | 3 |  | 2 |  |  |  | 1 |  |  | 12 | 2 | 1 | 2 |  |  |  |  | 1 |  | 18 |
| *Microcebus jonahi* | 2 |  |  |  |  | 1 |  |  |  |  |  | 2 |  |  |  | 1 |  |  |  |  |  | 3 |
| *Microcebus lehilahytsara* | 5 | 1 | 3 |  | 3 | 3 |  |  |  | 1 |  | 5 | 3 | 1 | 1 | 3 | 2 |  |  | 1 |  | 16 |
| *Microcebus macarthurii* |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  | 1 | 1 |
| *Microcebus mamiratra* | 1 |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  | 1 |
| *Microcebus manitatra* | 1 |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  | 1 |
| *Microcebus marohita* |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  | 1 |  |  | 1 |
| *Microcebus mittermeieri* |  |  |  |  |  | 1 | 1 | 1 | 1 | 1 |  |  |  |  |  |  | 1 | 2 | 1 |  | 1 | 5 |
| *Microcebus murinus* | 3 | 4 | 3 | 5 | 8 | 2 | 5 | 6 | 1 |  |  | 3 | 5 | 5 | 5 | 5 | 4 | 6 | 4 |  |  | 37 |
| *Microcebus myoxinus* | 2 | 1 |  | 2 | 2 | 1 | 1 | 1 |  |  |  | 2 | 1 | 1 | 3 |  | 2 |  | 1 |  |  | 10 |
| *Microcebus ravelobensis* |  |  |  |  | 1 |  | 1 |  |  |  |  |  |  |  |  | 1 |  | 1 |  |  |  | 2 |
| *Microcebus rufus* | 16 | 2 | 4 |  | 3 | 1 | 1 |  | 2 |  |  | 18 | 2 | 2 | 2 | 1 | 2 |  |  | 2 |  | 29 |
| *Microcebus sambiranensis* | 6 | 1 |  |  |  | 1 | 1 |  |  |  |  | 6 | 1 |  |  |  | 1 | 1 |  |  |  | 9 |
| *Microcebus simmonsi* | 1 | 1 |  |  |  |  | 1 |  |  |  |  | 1 | 1 |  |  |  |  | 1 |  |  |  | 3 |
| *Microcebus tanosi* | 3 |  |  |  |  |  | 2 |  |  |  |  | 3 |  |  |  |  | 1 | 1 |  |  |  | 5 |
| *Microcebus tavaratra* | 1 | 1 |  | 1 | 1 | 1 | 1 |  |  |  |  | 1 | 1 |  | 1 | 1 | 2 |  |  |  |  | 6 |
| *Mirza coquereli* |  | 3 |  | 2 | 3 | 1 | 2 | 4 | 1 |  |  |  | 3 | 1 | 2 | 2 | 3 | 2 | 3 |  |  | 16 |
| *Mirza zaza* | 6 | 1 |  | 1 |  | 1 | 1 |  |  |  |  | 6 | 1 |  | 1 |  | 1 | 1 |  |  |  | 10 |
| *Phaner electromontis* | 1 |  |  | 1 | 1 | 2 |  |  |  |  |  | 1 |  |  | 1 | 1 | 2 |  |  |  |  | 5 |
| *Phaner furcifer* | 5 | 1 |  |  |  | 1 | 2 |  | 1 | 1 |  | 5 | 1 |  |  | 1 |  | 2 |  | 1 | 1 | 11 |
| *Phaner pallescens* |  | 2 | 2 | 4 | 4 |  | 1 | 6 | 1 |  |  |  | 2 | 3 | 4 | 3 | 1 | 2 | 5 |  |  | 20 |
| *Phaner parienti* |  |  |  |  |  | 2 | 1 |  |  |  |  |  |  |  |  | 1 | 1 | 1 |  |  |  | 3 |
| *Prolemur simus* | 16 | 3 | 6 |  | 3 | 1 | 2 | 1 | 2 | 1 |  | 19 | 4 | 2 | 2 | 2 | 1 | 1 | 1 | 3 |  | 35 |
| *Propithecus candidus* |  |  |  |  |  | 1 | 1 | 1 | 1 | 1 |  |  |  |  |  |  | 1 | 2 | 1 |  | 1 | 5 |
| *Propithecus coquereli* |  | 1 |  |  | 3 |  | 1 |  |  |  |  | 1 |  |  | 1 | 2 |  | 1 |  |  |  | 5 |
| *Propithecus coronatus* |  |  | 1 | 1 | 1 |  |  |  |  |  |  |  | 1 |  | 2 |  |  |  |  |  |  | 3 |
| *Propithecus deckenii* | 3 | 1 | 1 | 5 | 2 | 1 | 1 | 1 |  |  |  | 3 | 2 |  | 6 | 1 | 1 | 1 | 1 |  |  | 15 |
| *Propithecus diadema* | 8 | 1 | 3 |  | 3 | 4 | 1 | 1 |  | 1 |  | 8 | 3 | 1 | 1 | 4 | 2 | 2 |  | 1 |  | 22 |
| *Propithecus edwardsi* | 11 | 2 | 4 |  | 3 |  | 1 | 1 | 1 |  |  | 13 | 2 | 2 | 2 | 1 | 1 |  | 1 | 1 |  | 23 |
| *Propithecus perrieri* |  |  |  | 1 | 1 | 1 |  |  |  |  |  |  |  |  | 1 | 1 | 1 |  |  |  |  | 3 |
| *Propithecus tattersalli* |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  | 1 |
| *Propithecus verreauxi* | 4 | 3 | 4 | 3 | 7 | 2 | 2 | 5 | 2 |  |  | 4 | 3 | 6 | 4 | 4 | 3 | 4 | 3 | 1 |  | 32 |
| *Varecia rubra* | 3 |  |  |  |  |  |  |  | 1 | 1 |  | 3 |  |  |  |  |  |  |  | 1 | 1 | 5 |
| *Varecia variegata* | 20 | 4 | 5 |  | 5 | 3 | 2 | 2 | 1 | 2 |  | 22 | 6 | 1 | 3 | 4 | 2 | 2 | 1 | 2 | 1 | 44 |
| *Total number of populations* | *471* | *108* | *118* | *51* | *165* | *111* | *110* | *86* | *50* | *29* |  | *519* | *122* | *71* | *106* | *130* | *124* | *102* | *60* | *49* | *16* | *1299* |