Table 1. Taxonomy for Africa’s colobus monkeys (Colobinae) and their category of threat according to *The* *IUCN Red List of Threatened Species 2020* (IUCN 2019/2020).

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Species**¹ | **Subspecies**¹ | **African region** | **Red List Category of Threat and Criteria (2019**–**2020)**² | | **Reference** | **Red List Category of Threat (2008)**² | **Category of Threat trend (2008 vs 2019**–**2020)**³ | **Notes and major synonyms**⁴ |
| **Black colobus monkeys and black-and-white colobus (or pied) monkeys *Colobus* Illiger, 1811 (6 species, 17 subspecies)** | | | | | | | | |
| Black colobus  *Colobus satanas* Waterhouse, 1838 | \_ | West & Central | VU | A2cd | Maisels & Cronin 2020b | VU | ↔ |  |
|  | Gabon black colobus(or Leconte’s black colobus) *Colobus satanas anthracinus*, (Leconte, 1857) | West & Central | VU | A2cd | Maisels & Cronin 2020a | VU | ↔ |  |
|  | Bioko black colobus *Colobus satanas satanas*, Waterhouse, 1838 | West | CR | A2bcd | Cronin 2020 | EN | ↑ | *Colobus metternicki* Krumbiegel, 1943. |
| White-thighed (or Geoffroy’s or ursine) colobus *Colobus vellerosus* (I. Geoffroy, 1830) | \_ | West | CR | A2cd | Matsuda Goodwin *et al*. 2020 | VU | ↑↑ | *Colobus polykomos dollmani* Schwarz, 1927. A hybrid swarm between *vellerosus* and *polykomos*, but phenetically much closer to *vellerosus* (Groves 2001, 2005). |
| King (or western or ursine) colobus *Colobus polykomos* (Zimmermann, 1780) | \_ | West | EN | A2bcd | Gonedelé Bi *et al*. 2020 | VU | ↑ | *Colobus ursinus* Bennett, 1832. |
| Angola colobus  *Colobus angolensis* P. L. Sclater, 1860 | \_ | Central & East | VU | A2d | De Jong *et al*. 2020b | LC | ↑↑ |  |
|  | Sclater’s Angola colobus *Colobus angolensis angolensis* P. L. Sclater, 1860 | Central | VU | A2d | Maisels 2020a | LC | ↑↑ | *Colobus abyssinicus sandbergi* Lӧnnberg, 1908. |
|  | Cordier’s Angola colobus *Colobus angolensis cordieri* Rahm, 1959 | Central | VU | A2acd | Maisels 2020b | NT | ↑ |  |
|  | Powell-Cotton’s Angola colobus *Colobus angolensis cottoni* Lydekker, 1905 | Central | VU | A4d | Maisels 2020c | LC | ↑↑ |  |
|  | Peters’s (or Tanzania) Angola colobus *Colobus angolensis palliatus* Peters, 1868 | East | VU | A2c; A3c; A4c | Cunneyworth *et al.* 2020 | LC | ↑↑ |  |
|  | Prigogine’s Angola colobus *Colobus angolensis prigoginei* Verheyen, 1959 | Central | EN | B1b(i,ii,iii), B2b(i,ii,iii) | De Jong & Butynski 2020a | EN | ↔ |  |
|  | Rwenzori (or Adolf Friedrich’s or Kivu) Angola colobus *Colobus angolensis ruwenzorii* Thomas, 1901 | Central & East | DD | \_ | Butynski & De Jong 2020c | VU | \_ | *Colobus adolfi-friederici* Matschie, 1914. This name, and its vernacular, sometimes misspelled. |
|  | Sharpe’s (or Southern Highlands) Angola colobus *Colobus angolensis sharpei* Thomas, 1902 | East | VU | A2d; A4d | Rovero *et al.* 2020 | NR | \_ | *Colobus langheldi* Matschie, 1914. |
|  | Mahale Mountains (or Nkungwe) Angola colobus *Colobus angolensis* ssp. nov. | East | DD | \_ | Butynski & De Jong 2020b | NE | \_ |  |
| Guereza (or Abyssinian or mantled or eastern) colobus  *Colobus guereza* Rüppell, 1835 | *\_* | West, Central & East | LC | \_ | De Jong *et al*. 2019 | LC | ↔ | *Lemur abyssinicus* Oken, 1816 (unavailable). |
|  | Dodinga (or Didinga or Ddinga) Hills guereza *Colobus guereza dodingae* Matschie, 1913 | Central & East | EN | B1b(i,ii,iii,v) | Butynski & De Jong 2020a | DD | \_ |  |
|  | Djaffa Mountains (or Neumann’s) guereza *Colobus guereza gallarum* Neumann, 1902 | East | DD | \_ | Fashing & Oates 2019 | DD | \_ |  |
|  | Omo River guereza *Colobus guereza guereza* Rüppell, 1835 | East | LC | \_ | Fashing *et al*. 2019 | LC | ↔ | *Colobus abyssinicus poliurus* Thomas, 1901. |
|  | Mount Kenya guereza *Colobus guereza kikuyuensis* Lӧnnberg, 1912 | East | LC | \_ | De Jong & Butynski 2019 | LC | ↔ |  |
|  | Mau Forest guereza *Colobus guereza matschiei* Neumann, 1899 | East | LC | \_ | Butynski & De Jong 2019a | DD | \_ |  |
|  | Western (or magistrate) guereza *Colobus guereza occidentalis* (Rochebrune, 1887) | West, Central & East | LC | \_ | Oates *et al*. 2019 | LC | ↔ | *Colobus* (*Guereza*) *matschiei uellensis* Matschie, 1913. |
|  | Mount Uarages (or Waragess or Uaragues or Uarges or Gargues or Varagess) (or Percival’s) guereza *Colobus guereza percivali* Heller, 1913 | East | EN | B1ab(i,ii,iv,v) | Mwenja 2019 | EN | ↔ |  |
| \*Mount Kilimanjaro guereza *Colobus caudatus* (Thomas, 1885) | \_ | East | VU | B1ab(ii,iii,iv,v) | De Jong *et al*. 2020a | LC | ↑↑ | Referred to as *‘Colobus guereza caudatus’* in Groves and Ting (2013) and Grubb *et al*. (2013) but elevated back to species level by Butynski and De Jong (2018). |
| **Olive colobus monkeys *Procolobus* Rochebrune, 1887 (1 species)** | | | | | | | | |
| Olive (or Van Beneden’s) colobus  *Procolobus verus* (Van Beneden, 1838) | *\_* | West | VU | A2cd,4cd | Oates *et al*. 2020a | NT | ↑ |  |
| **Red colobus monkeys *Piliocolobus* Rochebrune, 1887 (17 species, 2 subspecies)** | | | | | | | | |
| \*Western red colobus (or bay colobus) *Piliocolobus badius* (Kerr, 1792) | \_ | West | EN | A2bcd | McGraw *et al.* 2020b | EN | ↔ | Considered by Groves and Ting (2013) to be monotypic. |
|  | \*Upper Guinea (or bay) red colobus *Piliocolobus badius badius* (Kerr, 1792) | West | EN | A2cd | McGraw *et al.* 2020a | EN | ↔ | *P. b. badius* not recognized by Groves and Ting (2013) as they take *P. badius* to be monotypic. |
|  | \*Temminck's red colobus *Piliocolobus badius temminckii* (Kuhl, 1820) | West | EN | A2bcd | Minhós *et al.* 2020 | EN | ↔ | Elevated by Groves and Ting (2013) to species level. |
| Bouvier’s red colobus  *Piliocolobus bouvieri* Rochebrune, 1887 | \_ | West | EN | A2d | Maisels & Devreese 2020 | CR | ↓ | *Colobus* (*Piliocolobus*) *likualae* Matschie, 1914. |
| Niger Delta red colobus *Piliocolobus epieni* Grubb & Powell, 1999 | \_ | West | CR | A2cd,4c | Ikemeh *et al*. 2019 | CR | ↔ |  |
| Foa's (or Itombwe) red colobus *Piliocolobus foai* (Pousargues, 1899) | \_ | Central | EN | A2cd | Hart *et al.* 2020e | NE | \_ | *Colobus graueri* Dollman, 1909. Sometimes referred to as ‘Kivu red colobus’, but recognition of *P. lulindicus* no longer places *P. foai* near L. Kivu. |
| Udzungwa (or Gordon’s or Iringa or Uhehe) red colobus *Piliocolobus gordonorum* Matschie, 1900 | \_ | East | VU | B1ab(i,ii,iii,iv,v), 2ab(i,ii,iii,iv,v) | Rovero *et al.* 2019 | EN | ↓ |  |
| Zanzibar (or Kirk’s) red colobus *Piliocolobus kirkii* (Gray, 1868) | \_ | East | EN | B1ab(i,ii,iii,v),2ab(i,ii,iii,v) | Davenport 2019 | EN | ↔ |  |
| Kisangani (or Lang’s) red colobus *Piliocolobus langi* (J.A. Allen, 1925) | \_ | Central | EN | A4cd | Hart *et al.* 2020b | NE | \_ | Previous Red Lists used ‘*Procolobus rufomitratus ellioti’.* |
| \*Lulindi (or Ulindi) River red colobus *Piliocolobus lulindicus* Matschie, 1914 | \_ | Central | EN | A2cd | Hart *et al.* 2020d | NE | \_ | Considered by Groves (2007) and Groves and Ting (2013) to be a synonym of *P. foai*. |
| Oustalet’s (or Central Africa or Ubangi) red colobus *Piliocolobus oustaleti* (Trouessart, 1906) | \_ | Central | VU | A4cd | Hart *et al*. 2020c | LC | ↑↑ | *Colobus nigrimanus* Trouessart, 1906; *Colobus* (*Piliocolobus*) *powelli* Matschie, 1913; *Colobus* (*Tropicolobus*) *schubotzi* Matschie, 1914; *Colobus* (*Piliocolbus*) *brunneus* Lӧnnberg, 1919. |
| Lomami red colobus *Piliocolobus parmentieri* (Colyn & Verheyen, 1987) | \_ | Central | EN | A4cd | Hart & Detwiler 2020 | NE | \_ |  |
| Bioko (or Pennant’s) red colobus *Piliocolobus pennantii* (Waterhouse, 1838) | \_ | West | CR | A2bcd | Cronin 2019 | EN | ↑ |  |
| Preuss’s red colobus *Piliocolobus preussi* Matschie, 1900 | \_ | West | CR | A2d | Linder *et al.* 2019 | CR | ↔ |  |
| Tana River red colobus *Piliocolobus rufomitratus* (Peters, 1879) | \_ | East | CR | A3c | Butynski *et al.* 2020 | EN | ↑ |  |
| Semliki red colobus *Piliocolobus semlikiensis* (Colyn, 1991) | \_ | Central & East | VU | A2cd | Maisels & Ting 2020 | NR | \_ | *Colobus ellioti* Dollman, 1909 now considered a hybrid of *P. langi, P. oustaleti, P. semlikiensis,* and/or perhaps others (Colyn 1991, 1993; Groves 2001; Groves & Ting 2013). |
| Ashy (or Uganda) red colobus  *Piliocolobus tephrosceles* (Elliot, 1907) | \_ | East | EN | A4bc | Struhsaker & Ting 2020 | EN | ↔ | *Tropicolobus gudoviusi* Matschie, 1914. |
| Tshuapa (or Thollon’s) red colobus *Piliocolobus tholloni* (Milne-Edwards, 1886) | \_ | Central | VU | A2cd,A3cd | Detwiler *et al*. 2020 | NT | ↑ | *Colobus* (*Piliocolobus*) *lovizettii* Matschie, 1913. |
| Miss Waldron's red colobus *Piliocolobus waldroni* (Hayman, 1936) | \_ | West | CR | A2cd;  C2a(i); D | Oates *et al.* 2020b | CR | ↔ | Groves (2001) changed ‘*waldroni*’ to *waldronae*’. Groves (2007) and Groves and Ting (2013) use ‘*waldronae*’. This change, however, is not required (Brandon-Jones *et al.* 2007; Oates 2011). |

¹ The taxonomy applied here is that of *The IUCN Red List of Threatened Species 2019/2020.* Website: www.iucnredlist.org. This is also the taxonomy adopted for *Piliocolobus* by the *Red Colobus* (Piliocolobus) *Conservation Action Plan, 2020*–*2025* (Linder *et al*. 2020). Other chapters in this book apply the taxonomy of Groves and Ting (2013) which differs from the taxonomy presented in this table for five taxa. These five taxa are indicated by an asterisk. See comments concerning these four taxa under ‘Notes and major synonyms’.

² *IUCN Red List* category of threat and abbreviations taken from *The* *IUCN Red List of Threatened Species 2019/2020.* Website: www.iucnredlist.org.

Abbreviations: CR: Critically Endangered; EN: Endangered; VU: Vulnerable; NT: Near Threatened; LC: Least Concern; DD: Data Deficient; NE: Not Evaluated. NR = Taxon ‘Not Recognized’ by IUCN in 2008.

³*IUCN Red List* category of threat: ↔ category of threat in 2019/2020 same as in 2008; ↓ category of threat in 2019/2020 one category lower than in 2008; ↑ category of threat in 2019/2020 one category higher than in 2008; ↑↑ category of threat in 2019/2020 two categories higher than in 2008.

⁴ To view the many synonyms for the species and subspecies listed here, see Allen (1939), Butynski *et al.* (2013), Colyn (1991), Dandelot (1974), Elliot (1913), Groves (1993, 2001, 2005, 2007), Grubb (2002), Grubb *et al*. (1998, 2003), Napier (1985), Rahm (1970), and Schwarz (1928, 1929).