

Part Two

Endemic Animals of Ethiopia: *a preliminary working List*



Photo: Endemic Walia ibex (Endangered-IUCN)

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Sources:

1. Living National Treasures: Ethiopia (<http://Intreasures.com/ethiopia.html>)
2. FishBase (<http://www.fishbase.org>)

Owing to the protection of endemic species from Export as a genetic material, it is required to compile a working list of those species which are endemic to the country. The working list of plants has been compiled by Dr. Tesfaye Awas (Part one-available online) and this is the animal aspect (Part two). The list is categorized into **Mammals, Birds, Reptiles, Amphibians and Fresh Water Fish**.

This working list is compiled from online sources and needs updating. We are happy to accept any comments and suggestions from individuals and institutions working on zoological aspects of biodiversity.

a. Checklist of Endemic Mammal Species of Ethiopia

This list of mammal species found exclusively in Ethiopia is based on the taxonomy used in Wilson & Reeder (2005).

Wilson, D.E. & Reeder, D.M. (Eds.)(2005) Mammal Species of the World: A Taxonomic and Geographic Reference. Third Edition. The Johns Hopkins University Press, Baltimore.

1. *Chlorocebus djamdjamensis* (Primates - Cercopithecidae) Bale Mountains Vervet
2. *Theropithecus gelada* (Primates - Cercopithecidae) Gelada
3. *Lepus starcki* (Lagomorpha - Leporidae) Ethiopian Highland Hare
4. *Crocidura baileyi* (Soricomorpha - Soricidae) Bailey's Shrew
5. *Crocidura bottegoides* (Soricomorpha - Soricidae) Bale Shrew
6. *Crocidura glassi* (Soricomorpha - Soricidae) Glass's Shrew
7. *Crocidura harena* (Soricomorpha - Soricidae) Harena Shrew
8. *Crocidura lucina* (Soricomorpha - Soricidae) Lucina's Shrew
9. *Crocidura macmillani* (Soricomorpha - Soricidae) MacMillan's Shrew
10. *Crocidura phaeura* (Soricomorpha - Soricidae) Guramba Shrew
11. *Crocidura thalia* (Soricomorpha - Soricidae) Thalia's Shrew
12. *Plecotus balensis* (Chiroptera - Vespertilionidae) Bale Long-eared Bat
13. *Myotis scotti* (Chiroptera - Vespertilionidae) Scott's Myotis
14. *Kerivoula eriophora* (Chiroptera - Vespertilionidae) Ethiopian Woolly Bat
15. *Canis simensis* (Carnivora - Canidae) Ethiopian Wolf
16. *Tragelaphus buxtoni* (Artiodactyla - Bovidae) Mountain Nyala
17. *Capra walie* (Artiodactyla - Bovidae) Walia Ibex
18. *Tachyoryctes macrocephalus* (Rodentia - Spalacidae) Big-headed Mole Rat
19. *Dendromus lovati* (Rodentia - Nesomyidae) Lovat's African Climbing Mouse
20. *Megadendromus nikolausi* (Rodentia - Nesomyidae) Nikolaus's African Climbing Mouse
21. *Lophuromys brevicaudus* (Rodentia - Muridae) Short-tailed Brush-furred Rat
22. *Lophuromys brunneus* (Rodentia - Muridae) Thomas's Ethiopian Brush-furred Rat
23. *Lophuromys chrysopus* (Rodentia - Muridae) Ethiopian Forest Brush-furred Rat
24. *Lophuromys flavopunctatus* (Rodentia - Muridae) Ethiopian Buff-spotted Brush-furred Rat
25. *Lophuromys melanonyx* (Rodentia - Muridae) Black-clawed Brush-furred Rat
26. *Arvicanthis abyssinicus* (Rodentia - Muridae) Ethiopian Arvicanthis
27. *Arvicanthis blicki* (Rodentia - Muridae) Blick's Arvicanthis
28. *Desmomys harringtoni* (Rodentia - Muridae) Harrington's Desmomys
29. *Desmomys yaldeni* (Rodentia - Muridae) Yalden's Desmomys
30. *Grammomys minnae* (Rodentia - Muridae) Ethiopian Grammomys
31. *Mastomys awashensis* (Rodentia - Muridae) Awash Mastomys
32. *Muriculus imberbis* (Rodentia - Muridae) Ethiopian Striped Mouse
33. *Mylomys rex* (Rodentia - Muridae) Ethiopian Mylomys

34. *Nilopegamys plumbeus* (Rodentia - Muridae) Ethiopian Water Mouse
35. *Stenocephalemys albipes* (Rodentia - Muridae) White-footed *Stenocephalemys*
36. *Stenocephalemys albicaudata* (Rodentia - Muridae) White-tailed *Stenocephalemys*
37. *Stenocephalemys griseicaudata* (Rodentia - Muridae) Gray-tailed *Stenocephalemys*
38. *Stenocephalemys rupp* (Rodentia - Muridae) Rupp's *Stenocephalemys*
39. *Otomys typus* (Rodentia - Muridae) Ethiopian Vlei Rat

Additional endemic mammal species described too recently to be included in Wilson & Reeder (2005) are given below. This list is primarily based on information from the Dutch Wikipedia for 2008, 2007, 2006, 2005, and 2004. In addition to the 39 endemic mammal species listed above, these additional 3 species total 42 species of mammals known solely from Ethiopia.

40. *Lophuromys chercherensis* (Rodentia - Muridae) 2007
41. *Lophuromys menageshae* (Rodentia - Muridae) 2007
42. *Lophuromys pseudosikapusi* (Rodentia - Muridae) 2007

b. Checklist of Endemic Bird Species of Ethiopia

This list of bird species found exclusively in Ethiopia is based on the taxonomy used in Dickinson (2003).

Dickinson, E.C. (Ed.) (2003) *The Howard and Moore Complete Checklist of the Birds of the World*. Revised and enlarged third edition. Princeton University Press, Princeton.

1. *Francolinus harwoodi* (Phasianidae) Harwood's Francolin
2. *Bostrychia carunculata* (Threskiornithidae) Wattled Ibis
3. *Vanellus melanocephalus* (Charadriidae) Spot-breasted Lapwing
4. *Poicephalus flavifrons* (Psittacidae) Yellow-fronted Parrot
5. *Tauraco ruspolii* (Musophagidae) Ruspoli's Turaco
6. *Caprimulgus solala* (Caprimulgidae) Nechisar Nightjar
7. *Oriolus monacha* (Oriolidae) Abyssinian Black-headed Oriole
8. *Zavattariornis stresemanni* (Corvidae) Stresemann's Bush Crow
9. *Parus leuconotus* (Paridae) White-backed Black Tit
10. *Hirundo megaensis* (Hirundinidae) White-tailed Swallow
11. *Heteromiraфра sidamoensis* (Alaudidae) Sidamo Lark
12. *Miraфра degodiensis* (Alaudidae) Degodi Bushlark
13. *Parophasma galinieri* (Timaliidae) Abyssinian Catbird
14. *Pytilia lineata* (Estrildidae) Ethiopian Aurora Finch
15. *Macronyx flavicollis* (Motacillidae) Abyssinian Longclaw
16. *Serinus ankoberensis* (Fringillidae) Ankober Serin
17. *Serinus flavigula* (Fringillidae) Yellow-throated Seedeater
18. *Serinus nigriceps* (Fringillidae) Ethiopian Siskin
19. *Serinus xantholaemus* (Fringillidae) Salvadori's Seedeater

c. Checklist of Endemic Reptile Species of Ethiopia

This list of reptile species found exclusively in Ethiopia is based on the taxonomy used in the EMBL Reptile Database (2005).

The EMBL Reptile Database CD September 2001 edition. Updated with changes through 2004 making it current to January 2005. <http://www.reptile-database.org/db-info/changes2005.html>

The current version of this database is the TIGR Reptile Database <http://www.reptile-database.org/>

1. *Lamprophis abyssinicus* (Squamata Ophidia - Colubridae) Abyssinian House Snake
2. *Lamprophis erlangeri* (Squamata Ophidia - Colubridae) Ethiopian House Snake
3. *Pseudoboodon boehmei* (Squamata Ophidia - Colubridae) Böhme's Ethiopian Mountain Snake
4. *Pseudoboodon sandfordorum* (Squamata Ophidia - Colubridae) Sandford's Ethiopian Mountain Snake
5. *Leptotyphlops parkeri* (Squamata Ophidia - Leptotyphlopidae) Parker's Worm Snake
6. *Rhinotyphlops somalicus* (Squamata Ophidia - Typhlopidae) Highland Beaked Snake
7. *Typhlops blanfordii* (Squamata Ophidia - Typhlopidae)
8. *Bitis parviocula* (Squamata Ophidia - Viperidae) Ethiopian Mountain Adder
9. *Chamaeleo affinis* (Squamata Sauria - Chamaeleonidae) Ethiopian Mountain Chameleon
10. *Chamaeleo balebicornatus* (Squamata Sauria - Chamaeleonidae) Bale Mountains Two-horned Chameleon
11. *Chamaeleo harenae* (Squamata Sauria - Chamaeleonidae) Bale Mountains Heather Chameleon
12. *Cordylus rivae* (Squamata Sauria - Cordylidae) Ethiopian Girdled Lizard
13. *Mabuya wingati* (Squamata Sauria - Scincidae)

Additional endemic reptile species that were described too recently to be included in the January 2005 version of the EMBL Reptile Database are given below. This list is primarily based on information from the current version of the TIGR Reptile Database ([here](#)) and includes species described through 2008. In addition to the 13 endemic reptile species listed above, these additional 3 species total 16 species of reptiles known solely from Ethiopia.

14. *Leptotyphlops aethiopicus* (Squamata Ophidia - Leptotyphlopidae) Ethiopian Worm Snake 2007
15. *Letheobia largeni* (Squamata Ophidia - Typhlopidae) Largen's Gracile Blindsnake 2007
16. *Acanthocercus guentherpetersi* (Squamata Sauria - Agamidae) 2006

d. Checklist of Endemic Amphibian Species of Ethiopia

This list of amphibian species found exclusively in Ethiopia is based on the taxonomy used in Frost (2004).

Frost, D.R. (2004) [Amphibian Species of the World: an Online Reference. 3.0](#) (22 August 2004). American Museum of Natural History, New York, USA.

1. *Altiphrynoides malcolmi* (Anura - Bufonidae) Malcolm's Ethiopia Toad
2. *Bufo langanoensis* (Anura - Bufonidae) Lake Langano Toad
3. *Spinophrynoides osgoodi* (Anura - Bufonidae) Osgood's Ethiopian Toad
4. *Hemisus microscaphus* (Anura - Hemisotidae) Ethiopian Snout-burrower
5. *Afrixalus clarkeorum* (Anura - Hyperoliidae) Clark's Banana Frog
6. *Afrixalus enseticola* (Anura - Hyperoliidae) Ethiopian Banana Frog
7. *Leptopelis gramineus* (Anura - Hyperoliidae) Badditu Forest Treefrog
8. *Leptopelis ragazzii* (Anura - Hyperoliidae) Shoa Forest Tree Frog
9. *Leptopelis susanae* (Anura - Hyperoliidae) Susana's Forest Tree Frog
10. *Leptopelis vannutellii* (Anura - Hyperoliidae) Dime Forest Tree Frog
11. *Leptopelis yaldeni* (Anura - Hyperoliidae) Grassland Forest Treefrog
12. *Paracassina kounhiensis* (Anura - Hyperoliidae) Kouni Valley Striped Frog
13. *Paracassina obscura* (Anura - Hyperoliidae) Ethiopia Striped Frog
14. *Balebreviceps hillmani* (Anura - Microhylidae) Bale Mountains Tree Frog
15. *Ericabatrachus baleensis* (Anura - Petropedetidae) Bale Mountains Frog
16. *Phrynobatrachus inexpectatus* (Anura - Petropedetidae) Bore River Frog
17. *Xenopus largeni* (Anura - Pipidae) Largen's Clawed Frog
18. *Ptychadena cooperi* (Anura - Ranidae) Cooper's Grassland Frog
19. *Ptychadena erlangeri* (Anura - Ranidae) Erlanger's Grassland Frog
20. *Ptychadena filwoha* (Anura - Ranidae) Filwoha Grassland Frog
21. *Ptychadena harena* (Anura - Ranidae) Bale Grassland Frog
22. *Ptychadena nana* (Anura - Ranidae) Arrussi Grassland Frog

23. *Ptychadena neumanni* (Anura - Ranidae) Neumann's Grassland Frog
24. *Ptychadena wadei* (Anura - Ranidae) Tisisat Grassland Frog
25. *Sylvacaecilia grandisonae* (Gymnophiona - Caeciliidae) Aleku Caecilian

Additional endemic amphibian species that were recognized as distinct species too recently to be included in Frost (2004) are given below. This list is primarily based on information from the IUCN Red List and the current version of the Amphibian Species of the World database and includes species described through 2008. In addition to the 25 endemic amphibian species listed above, these additional 3 species total 28 species of amphibians known solely from Ethiopia.

26. *Phrynobatrachus minutus* (Anura - Phrynobatrachidae) Tiny River Frog 1895
27. *Ptychadena filwoha* (Anura - Ptychadenidae) Filwoha Grassland Frog 1997
28. *Ptychadena harena* (Anura - Ptychadenidae) Bale Grassland Frog 1997

e. Checklist of Endemic Freshwater Fish Species

This list of freshwater fish species found exclusively in Ethiopia is based on the taxonomy used in FishBase 2004 (2004).

FishBase 2004: a global information system on fishes. DVD. WorldFish Center - Philippine Office, Los Banos, Philippines. Published in May 2004.

1. *Amphilius lampei* OC (Amphiliidae)
2. *Nemacheilus abyssinicus* (Balitoridae) Ethiopian Loach
3. *Danakilia franchettii* (Cichlidae)
4. *Barbus acutirostris* (Cyprinidae)
5. *Barbus arambourgi* (Cyprinidae)
6. *Barbus brevicephalus* (Cyprinidae)
7. *Barbus crassibarbis* (Cyprinidae)
8. *Barbus dainellii* (Cyprinidae)
9. *Barbus ethiopicus* (Cyprinidae)
10. *Barbus gorgorensis* (Cyprinidae)
11. *Barbus gorguari* (Cyprinidae)

12. *Barbus humilis* (Cyprinidae)
13. *Barbus longissimus* (Cyprinidae)
14. *Barbus macropthalmus* (Cyprinidae)
15. *Barbus megastoma* (Cyprinidae)
16. *Barbus microterolepis* (Cyprinidae)
17. *Barbus nedgia* (Cyprinidae)
18. *Barbus osseensis* (Cyprinidae)
19. *Barbus platydorsus* (Cyprinidae)
20. *Barbus pleurogramma* (Cyprinidae)
21. *Barbus surkis* (Cyprinidae)
22. *Barbus tanapelagius* (Cyprinidae)
23. *Barbus truttiformis* (Cyprinidae)
24. *Barbus tsanensis* (Cyprinidae)
25. *Garra ignestii* (Cyprinidae)
26. *Garra makiensis* (Cyprinidae)
27. *Garra quadrimaculata* OC (Cyprinidae)
28. *Labeo brunellii* (Cyprinidae)
29. *Varicorhinus beso* (Cyprinidae)
30. *Lebias stiasnyae* (Cyprinodontidae) Lake Afdera Killifish
31. *Chiloglanis modjensis* (Mochokidae)
32. *Marcusenius annamariae* (Mormyridae)
33. *Mormyrops citernii* (Mormyridae)

Additional endemic freshwater fish species that were not included in FishBase 2004 are given below. This list is primarily based on information from the 13 March 2009 version of the Catalog of Fishes database (current version [here](#)) and includes species described through 2008. In addition to the

33 endemic freshwater fish species listed above, these additional 7 species total 40 species of freshwater fishes known solely from Ethiopia.

34. *Garra aethiopica* (Cyprinidae)
35. *Garra duobarbis* (Cyprinidae) 2007
36. *Garra geba* (Cyprinidae) 2007
37. *Garra regressus* (Cyprinidae) 2007
38. *Garra tana* (Cyprinidae) 2007
39. *Varicorhinus jubae* (Cyprinidae)
40. *Nannaethiops bleheri* (Distichodontidae) 2003

f. Checklist of Endemic Vertebrate Genera of Ethiopia

This list of vertebrate genera found exclusively in Ethiopia is based on the taxonomy used in Wilson & Reeder (2005) for mammals, Dickinson (2003) for birds, the EMBL Reptile Database (2005) for reptiles, Frost (2004) for amphibians, and FishBase 2004 (2004) for fishes.

1. *Theropithecus* 1 spp. (Mammal Primates Cercopithecidae)
2. *Megadendromus* 1 spp. (Mammal Rodentia Nesomyidae)
3. *Desmomys* 2 spp. (Mammal Rodentia Muridae)
4. *Muriculus* 1 spp. (Mammal Rodentia Muridae)
5. *Nilopegamys* 1 spp. (Mammal Rodentia Muridae)
6. *Stenocephalemys* 4 spp. (Mammal Rodentia Muridae)
7. *Zavattariornis* 1 spp. (Bird Corvidae)
8. *Parophasma* 1 spp. (Bird Timaliidae)
9. *Altiphrynoides* 1 spp. (Amphibian Anura Bufonidae)
10. *Spinophrynoides* 1 spp. (Amphibian Anura Bufonidae)
11. *Paracassina* 2 spp. (Amphibian Anura Hyperoliidae)
12. *Balebreviceps* 1 spp. (Amphibian Anura Microhylidae)
13. *Ericabatrachus* 1 spp. (Amphibian Anura Petropedetidae)
14. *Sylvacaecilia* 1 spp. (Amphibian Gymnophiona Caeciliidae)

15. Danakilia 1 spp. (Freshwater Fish Cichlidae)