

**MAMMALS, AMPHIBIANS AND REPTILES**  
**observed during a trip with AviFauna, travelling company associated with the**  
**Swedish Ornithological Society**  
**to MADAGASCAR, MAURITIUS and REUNION Oct 24 – Nov 17 2008**

Stefan Lithner

**MAMMALS**

\* = endemic (not found outside islands visited); 36 mammals.

**1. Indian Hare** *Lepus nigricollis*

Mauritius; near Black River Gorges Nat Pk 14/11 1 spec., 16/11 1 spec.

**2. Eastern Red Forest Rat\*** *Nesomys rufus*

Ranomafana Nat Pk 31/10 2 spec, 1/11 1 spec.

**3. Western Tuft-tailed Rat\*** *Eliurus myoxinus*

Ifaty; Hotel Paradise 7/11 1 spec.

**4. Western House Mouse** *Mus domesticus*

Mauritius; near Black River Gorges Nat Pk 16/11 1 spec. ran across the road. Nb this is not "Our Swedish HouseMouse" *Mus musculus*)

**5. Brown Rat** *Rattus norvegicus*

Toliaras harbour 4/11 1 spec, Antananarivo 8/11 1 spec.

**6. Black Rat** *Rattus rattus*

Introduced species. Reunion; La Roche Ecrive Nat Pk 14/11 1 spec.

**7. Asian House Shrew (Indian House Shrew)** *Suncus murinus*

Introduced or immigrated species. Mauritius; Ile aux Aigrettes 13/11 1 spec., Lakaz Lodge 16/11 1 + 1 spec.

**8. Common Tenrec (Tailless Tenrec)** *Tenrec ecaudatus*

Ankarafansika Nat Pk 26/10 about 10 spec, Near Isalo Nat Pk 2/11 1 spec, Mauritius; near Black River Gorges Nat Pk 14/11 2 spec., 16/11 1 spec. Spontaneous: Madagascar n Comoro Is. Feral: Maurice n Reunion.

**9. Greater Hedgehog Tenrec\*** *Setifer setosus*

Ankarafansika Nat Pk 26/10 1 spec.

**10. Short-tailed Shrew-tenrec\*** *Microgale brevicaudata*

Toliara; Chez Alain 5/11 1 spec.

**11. Cowan's Shrew-tenrec\*** *Microgale cowani*

Mantadia 10/11 1 spec.

**12. Madagascar Straw-coloured Fruit-bat\*** *Eidolon dupreanum*

Toliara; Chez Alain 5/11 1 spec.

**13. Madagascar Rousette\*** *Rosettus madagascarensis*

Isalo Nat Pk 2/11 1 spec.

**14. Greater Mascarene Flying Fox\*** (Mauritian Fruit-bat) *Pteropus niger*

Mauritius 12/11 along the South-east coast 2 spec., Black River Gorges 14/11 6 spec.

**15. Mauritian Tomb Bat** *Taphozous mauritianus*

Reunion; Aeroport Roland Garros 13/11 25 - 40 spec. leaving the main building about 17:00.

**16. Commerson's Leaf-nosed Bat (Commerson's Roundleaf Bat)** *Hipposideros commersoni*

Ankarafantsika Nat Pk 26/10 1 spec.

**17. Troissart's Trident Bat** *Triaenops furculus*

Ifaty 6/11 around 20:00; 1 spec.

**18. Reunion Free-tailed Bat\*** *Mormopterus francoimoutui*

Reunion; Aeroport Roland Garros 13/11 at least. 100 spec. This species is recently separated from *M. acetabulosus* Natal Free-tailed Bat.

**19. Peter's Goblin Bat\*** *Mormopterus jugularis*

Andasibe-Mantadia NP 8/11 between 18:00 and 19:15, registered several times.

**20. Pale-bellied Free-tailed Bat\*** (Malagassy White-bellied Free-tailed Bat) *Chaerophon leucogaster*

Toliara; Chez Alain 4/11 23.40 –24.00 registered several times, Ifaty: Hotel Paradise 7/11 between 00.00 and 04-50; registered several times.

**21. Pale-marked Free-tailed Bat\*** *Mops leucostigma*

Andasibe-Mantadia NP 8/11: Between 18:00 and 19:15 registered on 2 occasions, Antananarivo: Hotel 12/11 03.50 - 04.50 1 spec..

**22. Major Long-fingered Bat\*** *Miniopterus majori*

Andasibe-Mantadia NP 8/11, between 18:00 and 19:15: registered at least once.

**23. Manavi's Long-fingered Bat\*** *Miniopterus manavi*

Andasibe-Mantadia NP 8/, between 18:00 and 19:15: 1 spec.

**24. Malagassy Mouse-eared Bat** *Myotis goudoti*

Ranomafana Nat Pk 31/10 about 100 spec., Andasibe-Mantadia Nat Pk 9/at least. 1 spec.

In addition to above listed species of bats, another 15 bats were encountered with different configurations of external features, time of hunting, habitat, geographical distribution, ultrasound frequencies and types of emitted sounds converted by ultrasound detector.

**25. Milne-Edwards Sportive Lemur\*** *Lepilemur edwardsi*

Ankarafantsika Nat Pk 26/10 2 spec., 27/10 4 spec.

**26. Petter's Sportive Lemur\*** *Lepilemur petteri*

Ifaty Spiny Forest 6/11 1 spec. This lemur according to local guides were White-fronted Sportive Lemur. This taxon is not described in Garbutt (2007) Mammals of Madagascar a complete guide. The volume describes Petter's Sportive Lemur and Hubbards Sportive Lemur, The geographical distribution does not include Ifaty Spiny Forest in the area for neither of the two species. Photos in the volume shows closest resemblance to *Lepilemur petteri*.

- 27. Golden Bamboo-lemur\*** *Hapalemur aureus*  
Ranomafana Nat Pk 1/11 2 spec. In Duff-Lawson; Mammals of the World regarded as “Critically Endangered”
- 28. Eastern Grey Bamboo Lemur (Lesser Bamboo-lemur)\*** *Hapalemur griseus*  
Ranomafana Nat Pk 1/11 1spec., Andasibe-Mantadia Nat Pk 8/11 - 11/11 observed every day.
- 29. Gretat Bamboo-lemur\*** *Prolemur simus*  
Ranomafana Nat Pk 1/11 1 spec.
- 30. Black-and-white Tufted Lemur\*** *Varecia variegata*  
Mantadia 9/11 at least 3 spec. seen and 11/11 heard.
- 31. Common Brown Lemur\*** *Eulemur fulvus*  
Ankarafansika Nat Pk 26/10 about 10 spec, Andasibe-Mantadia Nat Pk 10/11 1 spec. n 11/11 1 spec.
- 32. Mongoose Lemur\*** *Eulemur mongoz*  
Ankarafansika nat Pk 27/10 3 spec.
- 33. Red-bellied Lemur \*** *Eulemur rubiventer*  
Ranomafana Nat Pk 30/10 2 spec., 31/10 1 spec., 1/11 6 - 10 spec.
- 34. Red-fronted Brown Lemur\*** *Eulemur rufus*  
Ranomafana Nat Pk 1/11 2spec., Perinet 10/11 1 ex & 11/11 1 spec.
- 35. Greater Dwarf Lemur\*** *Cheirogaleus major*  
Andasibe-Mantadia Nat Pk; Naramasotha Bridge 11/11 at least 3 spec.
- 36. Fat-tailed Mouse-lemur\*** *Cheilogaleus medius*  
Ankarafantsika Nat Pk 27/10 3 spec.
- 37. Grey-brown Mouse-lemur\*** *Microcebus griseorufus*  
Ifaty; Hotel Paradise 5/11 1 spec.
- 38. Grey Mouse Lemur\*** *Microcebus murinus*  
Ankarafansika Nat Pk 26/10 about 10 spec.
- 39. Golden Brown Mouse-lemur\*** *Microcebus ravelobensis*  
Ankarafansika Nat Pk 27/10 3 spec.
- 40. Brown Mouse-lemur\*** *Microcebus rufus*  
Ranomafana Nat Pk 1/11 3 spec.
- 41. Indri\*** *Indri indri*  
Andasibe-Mantadia Nat Pk 8/11 1 heard, 9/11 c:a 15 heard, 10/11 2 seen + at least 6 heard.
- 42. Coquerel’s Sifaka\*** *Propithecus coquereli*  
Ankarafansika Nat Pk 26/10, about 25 spec., 27/10 about 20 spec.
- 43. Diademed Sifaka\*** *Propithecus diadema*  
Andasibe-Mantadia Nat Pk 8/11 2 spec., 10/11 2 spec..
- 44. Milne-Edwards Sifaka\*** *Propithecus edwardsi*  
Ranomafana Nat Pk 30/10 2 + 2 spec. Observed at two different locarions.

**45. Verraux Sifaka\*** *Propithecus verreauxi*

Zombitze Forest 3/11 2 spec.

**46. Western Avahi (Western Wolly Lemur)\*** *Avahi occidentalis*

Ankarafansika Nat Pk 27/10 3 spec.

**47. Long-tailed Crab-eating Macaque** *Macaca fascicularis*

Introduced species. Mauritius; Black River Gorges Nat Pk 16/11 about 5 spec.

## **AMPHIBIANS**

\* = endemic (not found outside islands visited); 48 [+1] amphibians and reptiles.

### **Anura**

**1 Madagascar Ridged Frog** (Malagassy Common Frog) *Ptychadena mascareniensis*

Ankarafantsika Nat Pk 26 – 27/10 few specimen daily.

**2. White-spotted Reed Frog\*** *Heterixalus alboguttatus*

Ranomafana 1/11 1 spec.

**3. Guibe's Stump-toed Frog\*** *Stumpffia tridactyla*

Mantadia 9/11 1 spec.

**4. Boehme's Tree-frog\*** (Trol. Inoff common name) *Boophis boehmi*

Andasibe 9/11 1 spec.

**5. Species nova *Boophis sp aff boehmi*\***

This taxon is still in Mach 2009 treated under the same name. It has not yet been describes as a Species nova, mainly since it has not yet been proved to differ morphologically from *B. boehmi* (Miguel Vences pers. comm.)

Ranomafana Nat Pk 1/11 1 spec.

**6. Madagascan Tree-frog\*** *Boophis madagascariensis*

Ranomafana 30/10 several specimen, Andasibe-Matadia Nat Pk 10/11 several specimen.

**7. Douliot's Tree-frog\*** (Trol inoff common name) *Boophis doulioti*

This species har recently been split from the *Boophis tephraeomystax*-group and has obtained status as a full species.

Ankarafantsika Nat Pk 27/10 3 spec.

**8. Pauliani Tree-frog\*** *Boophis pauliani*

Ranomafana 30/10 1 spec.

**9. Malagassy mantella\*** *Mantella madagascariensis*

Ranomafana 30/10 1 spec.

**10. Baron's mantella\*** *Mantella baroni*

Mantadia 9/11 1 spec.

**11. Tsarafidy Madagascar Frog\*** *Guibemantis pulcher*

Ankarafantsika 27/10 1 spec.

**12. Folohy Madagascar Frog\*** *Mantidactylus argenteus*

Ranomafana 30/10; 1 spec

**13. Grandidier's Stream Frog\*** *Mantidactylus grandidieri*

Ranomafana 1/11 1 spec.

**14. Madagascar Jumping Frog\*** (Probably unofficial name) *Aglyptodactylus* (syn. *Mantydactylus*) *madagascariensis*

Ranomafana Nat Pk 30/10; 1spec.

**15. Square-marked Toad** *Bufo regularis*

Mauritius 13/11 1 spec., Reunion 14/11 at least 2 spec., Mauritius Lakaz Lodge 16/11 1 spec.

## **TORTOISE**

**16. Aldabra Tortoise** *Geochelone gigantia*

Mauritius; Ile aux Aigrettes 13/11. This species originates from Aldabra in the Indiska Oceanen and is introduced on Ile aux Aigrettes.

## **CROCODILES**

**17. Nile Crocodile** *Crocodylus niloticus madagascariensis*

Ankarafansika Nat Pk 26/10 4 spec, 27/10 6 spec. This species is divided into at least 7 subspecies.

## **CHAMELEONS**

**18. Short-horned Chameleon\*** *Calumma brevicorne*

During 2006 three new species of chameleons previously belonging to *C. brevicorne* (nr 18) were described: *C. amber* (hitherto only confirmed on Montagne d' Ambre), *C. hafahafa* (hitherto only confirmed in Bemanevika Lakes Forest) and *C. crypticum*.

According to Glaw – Wences 2007 a reliable description of how to separate females of *C. amber*, *C. crypticum* and *C. brevicorne* based on external morphology is at present not available. Confirmed findings of *C. brevicorne* have only been made at altitudes between 810 and 1000 meters a.s.l., and are regarded to have taken place only at 4 localities, among these Andasibe. The *C. brevicorne* is in March 2009 still not confirmed in Ranomafana (Miguel Wences pers. comm.)

Andasibe-Mantadia Nat Pk 8-10/11 several spec.

**19. Cryptic Chameleon\*** *Calumma crypticum*

*C. crypticum* has hitherto been confirmed at altitudes between 1050 and 1850 meters a.s.l. and is confirmed on at least 13 localities, among these Ranomafana.

Ranomafana Nat Pk; Talatakely Trail System 1/11 evening walk 1 male.

**20. Malthe Chameleon\*** *Calumma malthe*

Perinet; Bakuna Lodge 11/11 1 spec.

**21. Short-nosed Chameleon\*** *Calumma gastrotaenia*

Perinet; 8-10/11 several spec.

**22. Nose-bowed Chameleon\*** (Big-nosed Chameleon) *Calumma nasuta*

Ranomafana Nat Pk 1/11 evening walk 1spec., Andasibe-Mantadia Nat Pk 9/11 evening walk 1 spec.

**23. Parson's Chameleon\*** *Calumma parsonii*

Subspecies *C. p. parsonii*; Ranomafana Nat Pk 30/10 1 male at the hotel, 31/10 1 male during the morning, at least 2 males at the hotel, 1/11 at least 1 male at the hotel.

Subspecies *C. parsonii christifer*; Andasibe-Mantadia Nat Pk 8/11 1 female, 9/11 1 male.

**24. Balteatus Chameleon\*** *Furcifer balteatus*

Ranomafana 30/10; 1 + 1 spec.

**25. Oustalety Chameleon\*** *Furcifer oustaleti*

Ankarafansika 26/10 3 - 5 spec.

**26. Rhinoceros Chameleon\*** *Furcifer rhinoceratus*

Ankarafansika Nat Pk 26/10 1 spec.

**27. Warthy Chameleon\*** *Furcifer verrucosus*

Amtalavao 2/11 1 spec.

## **LIZARDS**

**28. Collared Igunana\*** *Oplurus cuvieri*

Along the road to Ankarafansika 25/10 several, Ankarafansika 25 - 27/10 several.

**29. Madagascar Iguanid\*** *Oplurus cyclurus*

Ifaty; Hotel Paradise 6/11 1 spec.

**30. Madagascar Iguana\*** (Dumeril's Madagascar Swift) *Oplurus quadrimaculatus*

Isalo Nat Pk (Relay de la Reign) 2/11 about 10 spec.

**31. Three-eyed Guanna-lizard\*** *Chalaradon madagascariensis*

E of Toliara near La Table 3/11 about 5 spec (strong black spots on back), Ifaty; Spiny Forest 5 n 6/11 about 5 spec (strong black spots on back), Paradise Hotel & 4 - 5 spec. (no black spots on back).

**32. Broad-tailed Girdled Lizard\*** *Zonosaurus laticaudatus*

Ankarafansika Nat Pk; camp 26 - 27/several spec.

**33. Madagascar Girdled Lizard\*** *Zonosaurus madagascariensis*

Andasibe-Mantadia Nat Pk 9/11 at least 1 spec.

**34. Malagasy Keeled Plated Lizard\*** *Trachelophycus madagascariensis*

Isalo (Relay de la Reign) 1/11 1 spec.

**35. Gravenhorst's Mabuya\*** *Trachylepis gravenhorstii*

Ranomafana 31/10 1 spec., Perinet 9/11 1 spec.

**36. Common House Gecko** *Hemidactylus mercatorius*

Antananarivo 25/10 1 spec. According to Glaw-Vences 1994 all three species of the genus *Hemidactylus* occurring on Madagascar also well dispersed in Africa.

**37 Pacific House Gecko** *Hemidactylus frenatus*

Mauritius; Lacaz Lodge 16/11 2 spec.

**38. Grandidier's Dwarf Gecko\*** *Lygodactylus tolampyae*

Ankarafansika Nat Pk 26/10 1 ex, 27/10 3 spec.

**39. Orange-spotted Day-gecko\*** (Mauritius (Lowland) Forest Day-gecko) *Phelsuma guimbeaui guimbeaui*

Mauritius; Ile aux Aigrettes 13/11 several spec.

**40. Lined Day-gecko\*** *Phelsuma lineata*

Subspecies *P. l. lineata*; Antananarivo 25/10 1 spec. Subspecies *P. l. dorsivittata*; Ranomafana 1 – 2/11 several spec., and *P. l. ssp*; Andasibe-Mantadia Nat Pk 9/11 at least 1 spec. Systematics for several taxa within *Phelsuma* is unclear and in need of further and in-depth studies, and probably also in need of revision (Glaw – Vences 3rd edition)

**41. Madagascar Day-gecko\*** *Phelsuma madagascariensis*

Subspecies *P. m. kochii* occurred at Ankarafansika Nat Pk; camp in the dining room 26 - 27/10. Further specimen in Ankarafantsika 26 – 28/10 probably also belongs to this subspecies.

**42. Modest Day-gecko\*** *Phelsuma modesta*

Toliara; Chez Alain 5/11 at least 1 spec.

**43. Mauritius Ornated Day-gecko\*** *Phelsuma ornata*

Mauritius; Ile aux Aigrettes 13/11 5 - 6 spec. Apart from this site the taxon is only known from Sebastopol about 300 meters a.s.l. and Coin de Mire. According to personnel on the island this taxon is regarded as “Critically Endangered”. I have not been able to confirm this statement.

**44. Lesser Day-gecko\*** *Phelsuma pusilla*

Mantadia 10/11 1 spec.

**45. Greenish Day-gecko\*** *Phelsuma quadrocellata*

Ranomafana Nat Pk 31/10 2 - 3 spec., Andasibe-Mantadia Nat Pk 9/11 at least 1 spec.

**46. Grandidier’s Gecko\*** *Geckolepis typica*

Ifaty; Hotel Paradise 6/11 1 spec.

**47. Telifar’s skink\*** *Leiopisma telfairii*

Mauritius; Ile aux Aigrettes 13/11 atm 3 spec.

## **REPTILES**

**48. Dumeril’s Boa\*** *Acrantophis dumerili*

Ifaty; Hotel Paradise 6/11 1 spec.

**49. Madagascar Tree-boa\*** *Sanzinia madagascarensis*

Ranomafana Nat Pk 30/10 2 spec., Andasibe-Mantadia Nat Pk 10/11 1 spec.

**[Madagascar Leaf-nosed Snake\* *Langaha madagascarensis*]**

Ifaty; Hotel Paradise 6/11 skin from 1 spec. was found.

**50. Madagascar Giant Hognose Snake\*** *Leioheterodon madagascarensis*

Ankarafansika Nat Pk 26/10 3 - 4 spec., 27/10 2 spec.

**51. Bernier’s Striped Snake\*** *Dromicodryas* (syn. *Herpetodryas*, *Liopolidopolis*) *bernieri*

Ifaty, Hotel Paradise 5-6/11 several specimen seen.

**52. Lateral Water Snake\*** *Bibilava* (tidigare *Liopholidophis*) *lateralis*

Ranomafana 30/10 1 spec.

**53. Malagasy Cat-eye Snake\*** *Madagascarophis colubrinus*  
Ankarafantsika Nat Pk 26/10 1 spec., 27/10 1 spec.

**54. Big-eyed Snake\*** *Mimophis mahfalensis*  
Ankarafantsika Nat Pk 26/10 1 spec. and 27/10 1 spec.

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