



Conservation Needs Assessments for Malagasy Amphibians

Summary Information

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282 Assessments completed

27 Species without assessments;

Aglyptodactylus australis, *Aglyptodactylus chorus*, *Aglyptodactylus inguinalis*, *Blommersia dejongi*, *Blommersia galani*, *Blommersia variabilis*, *Boophis axelmeyeri*, *Boophis schuboeae*, *Boophis tsilomaro*, *Gephyromantis hintelmannae*, *Gephyromantis leucocephalus*, *Gephyromantis mafy*, *Gephyromantis ranjomavo*, *Gephyromantis runewsweeki*, *Gephyromantis tahotra*, *Heterixalus betsileo*, *Mantidactylus bellyi*, *Mantidactylus paidroa*, *Platypelis ravus*, *Rhombophryne brevipes*, *Rhombophryne longicrus*, *Rhombophryne ornata*, *Rhombophryne tany*, *Spinomantis nussbaumi*, *Spinomantis tavaratra*, *Stumpffia analamaina*, *Stumpffia miery*

A separate Excel spreadsheet includes the assessed species and recommended Conservation Actions. The Assessments can be filtered to show species recommended for each action or by individual assessor.

Recommended Conservation Actions

Ark - 0 species

Ex situ Rescue - 20 species

In situ Conservation - 166 species

In situ Research - 202 species

Ex Situ Research / Analog - 78 species

Mass production in Captivity - 4 species

Supplementation - 0 species

Biobanking - 20 species

Conservation Education - 62 species

No Conservation Action Required - 12 species

Assessed species and recommended conservation actions in priority order (click the species link to view the assessments) Definitions of actions are at the end of the table.

Priority	Species	Common Name	Ark	Rescue	In situ conservation	In situ research	Ex situ research/ Analog	Mass production	Conservation Education	Supplementation	Bio-banking	None	Assessment Date
Totals			0	20	166	202	78	4	62	0	20	12	
66	Mantella aurantiaca	Golden Mantella, Golden Frog, Red Mantella		Yes	Yes	Yes		Yes	Yes		Yes		12-Feb-15
66	Mantella milotympanum	Black-eared Golden Mantella, Black-eared Mantella		Yes	Yes	Yes		Yes	Yes		Yes		12-Feb-15
50	Stumpffia hara			Yes		Yes	Yes		Yes		Yes		28-Oct-15
47	Gephyromantis horridus	Boettger's Grainy Frog		Yes		Yes			Yes		Yes		24-Jul-15
46	Boophis baetkei			Yes		Yes					Yes		20-Oct-15
44	Mantella crocea	Eastern Mantella, Yellow Mantella			Yes		Yes	Yes	Yes				12-Feb-15
42	Mantella cowanii	Cowan's Golden Frog, Cowan's Mantella, Black Golden Frog				Yes		Yes	Yes				24-Jul-15
42	Platypelis milloti	Nosy Be Giant Treefrog		Yes		Yes					Yes		4-Aug-15
40	Stumpffia staffordi			Yes	Yes	Yes	Yes		Yes		Yes		28-Oct-15
37	Scaphiophryne gottlebei	Red Rain Frog			Yes	Yes	Yes		Yes				13-Nov-15
37	Mantidactylus grandidieri	Grandidier's Madagascar Frog			Yes	Yes	Yes		Yes				23-Jul-15
37	Mantidactylus guttulatus	Gray Madagascar Frog			Yes	Yes	Yes		Yes				23-Jul-15
36	Boophis williamsi	Williams' Bright-eyed Frog		Yes		Yes					Yes		18-Jul-15

Priority	Species	Common Name	Ark	Rescue	In situ conservation	In situ research	Ex situ research/ Analog	Mass production	Conservation Education	Supplementation	Bio-banking	None	Assessment Date
36	Mantidactylus pauliani			Yes	Yes	Yes					Yes		3-Aug-15
36	Stumpffia be					Yes	Yes		Yes				28-Oct-15
35	Anodonthyla emilei			Yes		Yes					Yes		29-May-15
35	Boehmantis microtympanum	Angel's Madagascar Frog				Yes			Yes				28-Oct-15
34	Mantella viridis	Green Golden Frog, Green Mantella			Yes	Yes			Yes				1-Sep-15
34	Mantella expectata	Blue-legged Mantella, Tulear Golden Frog			Yes				Yes				13-Nov-15
34	Mantella laevigata	Arboreal Mantella, Green-backed Mantella							Yes				21-Jun-15
34	Stumpffia meqsoni					Yes			Yes				28-Oct-15
32	Platypelis alticola	Madagascar Giant Treefrog		Yes		Yes					Yes		26-May-15
32	Platypelis mavomavo	Yellowish Tree Cophyline Frog		Yes		Yes					Yes		6-Aug-15
31	Gephyromantis sp. aff. silvanus [Ca FJ559194]					Yes			Yes				15-May-15
31	Guibemantis sp. aff. punctatus [Ca HM364642]					Yes	Yes		Yes				15-May-15
31	Anodonthyla jeanbai			Yes		Yes					Yes		29-May-15
31	Anodonthyla theoi			Yes	Yes	Yes					Yes		29-May-15
31	Cophyla maharipeo			Yes		Yes					Yes		26-May-15
31	Cophyla noromalala			Yes		Yes					Yes		26-May-15

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26	Boophis feonnyala					Yes							7-Feb-15
26	Boophis liami					Yes							7-Feb-15
26	Boophis mandraka	Mandraka Bright-eyed Frog				Yes							7-Feb-15
26	Boophis solomaso					Yes							7-Feb-15
26	Gephyromantis cornutus	Horned Madagascar Frog				Yes							7-Feb-15
26	Gephyromantis eiselti	Eiselt's Madagascar Frog				Yes							11-Feb-15
26	Gephyromantis thelenae					Yes							11-Feb-15
26	Boophis fayi					Yes							15-Apr-15
26	Boophis fayi					Yes							11-May-15
26	Mantidactylus sp. aff. femoralis [Ca HM364741]					Yes							13-Nov-15
25	Dyscophus quineti	Sambava Tomato Frog			Yes		Yes		Yes				1-Sep-15
25	Rhombophryne matavy					Yes							25-Jun-15
25	Stumpffia tridactyla	Guibe's Stump-toed Frog			Yes	Yes	Yes		Yes				23-Jul-15
24	Gephyromantis azzurrae				Yes	Yes							24-Jul-15
24	Boophis sandrae				Yes	Yes							20-Aug-15
24	Boophis rhodoscelis	Betsileo Bright-eyed Frog			Yes		Yes						15-Sep-15

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16	Boophis elenae				Yes	Yes							13-Nov-15
16	Boophis quasiboehmei				Yes		Yes						6-Jul-15
16	Gephyromantis blanci				Yes	Yes							27-May-15
15	Rhombophryne laevipes	Madagascar Digging Frog			Yes	Yes	Yes		Yes				6-May-15
15	Gephyromantis atsingy					Yes			Yes				24-Jul-15
15	Cophyla phyllodactyla	Whistling Treefrog			Yes		Yes		Yes				3-Aug-15
15	Paradoxophyla palmata	Web-foot Frog			Yes								1-Sep-15
15	Dyscophus insularis	Antsouhy Tomato Frog			Yes								1-Sep-15
15	Scaphiophryne spinosa				Yes								15-Sep-15
14	Guibemantis annulatus	Ring-wearing Tree Frog			Yes	Yes							11-Jul-15
14	Mantella bernhardi	Bernhard's Mantella, Black Mantella			Yes	Yes			Yes				13-Nov-15
14	Boophis ulftunni				Yes	Yes							23-Jul-15
14	Plethodontohyla fonetana				Yes	Yes	Yes		Yes				2-Nov-15
14	Plethodontohyla brevipes	Betsileo Digging Frog			Yes	Yes							2-Nov-15
13	Anodonthyla boulengerii	Boulenger's Climbing Frog				Yes	Yes						26-Apr-15
13	Scaphiophryne calcarata	Mocquard's Rain Frog				Yes	Yes						15-Sep-15

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12	Spinomantis aglavei	Anamalozoatra Madagascar Frog			Yes		Yes		Yes				1-Sep-15
12	Aglyptodactylus securifer				Yes		Yes						1-Sep-15
12	Mantidactylus opiparis	Central Madagascar Frog			Yes								1-Sep-15
12	Gephyromantis boulengeri	Boulenger's Madagascar Frog			Yes		Yes						1-Sep-15
12	Boophis ankaratra				Yes								1-Sep-15
12	Mantidactylus melanopleura				Yes	Yes							1-Sep-15
12	Boophis vittatus				Yes	Yes							23-Jul-15
12	Mantidactylus mocquardi	Mocquard's Madagascar Frog			Yes	Yes	Yes						23-Jul-15
12	Plethodontohyla guentheri				Yes								23-Jul-15
12	Mantella betsileo	Betsileo Golden Frog, Brown Mantella			Yes	Yes			Yes				13-Nov-15
12	Boophis tasymena				Yes		Yes						3-Nov-15
12	Gephyromantis redimitus				Yes								3-Nov-15
12	Boophis roseipalmatus				Yes	Yes							20-Aug-15
12	Mantidactylus femoralis	Fort Madagascar Frog			Yes	Yes	Yes						23-Jul-15
12	Gephyromantis	Grainy Madagascar Frog			Yes		Yes						24-Jul-15

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12	Gephyromantis luteus	White Madagascar Frog			Yes								26-Apr-15
12	Gephyromantis malagasius	Malasay Grainy Frog			Yes								27-Apr-15
12	Boophis erythroductylus	Forest Bright-eyed Frog			Yes		Yes						9-Apr-15
12	Boophis quibei	Warty Bright-eyed Frog			Yes	Yes							14-Apr-15
12	Boophis entingae				Yes								28-Oct-15
12	Boophis tampoka				Yes								23-Jul-15
12	Platypelis tuberifera	Ambatoharanana Giant Treefrog			Yes	Yes	Yes						6-May-15
12	Blommersia kely				Yes		Yes						24-Jul-15
12	Guibemantis tornieri				Yes								26-Apr-15
12	Blommersia blommersae	Moramanga Madagascar Frog			Yes		Yes						7-Jun-15
12	Boophis albilabris	White-lipped Bright-eyed Frog			Yes								6-Jul-15
12	Boophis luteus	Ankafana Bright-eyed Frog			Yes	Yes	Yes						3-Nov-15
12	Boophis picturatus				Yes	Yes							3-Nov-15
12	Boophis reticulatus	Reticulate Bright-eyed Frog			Yes								3-Nov-15
12	Spinomantis fimbriatus				Yes	Yes							30-Jun-15
12	Guibemantis depressiceps	Pulsing Madagascar Frog			Yes	Yes							30-Jun-15
12	Gephyromantis	Brown Grainy Frog			Yes	Yes			Yes				30-Jun-15

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10	Duttaphrynus melanostictus	Asian Common Toad, Javanese Toad							Yes				12-May-15
10	Boophis tephraeomystax	Dumeril's Bright-eyed Frog										Yes	1-Sep-15
10	Boophis doulioti											Yes	1-Sep-15
10	Mantidactylus ambreensis											Yes	20-Aug-15
10	Boophis luciae					Yes			Yes				20-Aug-15
10	Blommersia wittei	Witte's Madagascar Frog				Yes	Yes						24-Jul-15
10	Boophis opisthodon	Eastern Bright-eyed Frog				Yes							3-Nov-15
10	Guibemantis wattersoni	Watterson's Tree Frog			Yes	Yes							11-Jul-15
10	Boophis brachychir	Nosy Be Bright-eyed Frog			Yes	Yes							23-Jul-15
10	Boophis microtypanum	Imerina Bright-eyed Frog				Yes			Yes				23-Jul-15
10	Gephyromantis salegy				Yes	Yes							18-Jul-15
10	Mantidactylus bourgati					Yes	Yes						23-Jul-15
10	Heterixalus andrakata	Andrakata Reed Frog										Yes	2-Sep-15
10	Heterixalus alboquattatus	Whitebelly Reed Frog										Yes	1-Sep-15
10	Ptychadena mascareniensis	Mascarene Grass Frog, Broad-banded Ridged Frog										Yes	1-Sep-15

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10	Heterixalus luteostriatus											Yes	22-Sep-15
10	Mantidactylus argenteus	Folohy Madagascar Frog				Yes			Yes				29-Oct-15
8	Guibemantis liber	Free Madagascar Frog				Yes							9-Jul-15
8	Guibemantis pulcher	Tsarafidy Madagascar Frog				Yes							9-Jul-15
8	Plethodontohyla bipunctata	Forest Digging Frog				Yes							25-Jun-15
8	Boophis praedictus					Yes			Yes				20-Aug-15
8	Tsingymantis antitra					Yes							14-Nov-15
6	Boophis majori	Ambohitombo Bright-eyed Frog			Yes								30-Jun-15
2	Spinomantis phantasticus				Yes	Yes			Yes				30-Jun-15
2	Guibemantis flavobrunneus	Blommers' Madagascar Frog			Yes	Yes			Yes				30-Jun-15
2	Heterixalus boettgeri	Boettger's Reed Frog			Yes	Yes	Yes		Yes				13-Nov-15
2	Boophis marojezensis				Yes	Yes	Yes						29-Oct-15

Conservation Actions

Ark - A species that is extinct in the wild (locally or globally) and which would become completely extinct without *ex situ* management.

Rescue - A species that is in imminent danger of extinction (locally or globally) and requires *ex situ* management, as part of an integrated program, to ensure its survival.

In Situ Conservation - A species for which mitigation of threats in the wild may still bring about its' successful conservation.

In Situ Research - A species that for one or more reasons requires further *in situ* research to be carried out as part of the conservation action for the species. One or more critical pieces of information is not known at this time.

Ex Situ Research - A species currently undergoing, or proposed for specific applied research that directly contributes to the conservation of that species, or a related species, in the wild (this includes clearly defined 'model' or 'surrogate' species).

Mass production in captivity - A species threatened through wild collection (e.g. as a food resource), which could be or is currently being bred in captivity – normally in-country, *ex situ* - to replace a demand for specimens collected from the wild. *This category generally excludes the captive-breeding of pet and hobbyist species, except in exceptional circumstances where coordinated, managed breeding programs can demonstrably reduce wild collection of a threatened species.*

Conservation Education - A species that is specifically selected for management – primarily in zoos and aquariums - to inspire and increase knowledge in visitors, in order to promote positive behavioral change. For example, when a species is used to raise financial or other support for field conservation projects (this would include clearly defined 'flagship' or 'ambassador' species).

Supplementation - A species for which *ex situ* management benefits the wild population through breeding for release as part of the recommended conservation action.

Biobanking - A species for which the long-term storage of sperm or cells to perpetuate their genetic variation is urgently recommended, due the serious threat of extinction of the species.

None - Species that do not require any conservation action at this point in time. This list may also contain species that were not evaluated during the workshop due to a lack of data being available.