

**S1. List of West African caecilian and anuran species tested for the presence of *Bd*, and their main ecological characters.** All tests provided negative results. \* = taxa known to comprise complexes of cryptic species (Rödel *et al.* unpubl. data); § = comprises 52 samples from Guinea (*N. o. occidentalis*) and 10 samples from Liberia (*N. o. liberiensis*); # = unknown species sampled at the airport in Accra, Ghana; swab = molecular investigation of swab sample; toe/skin = histological examination of toe tip; lowland = most populations below 1,500 m asl; montane = most populations above 1,500 m asl; forest = predominantly undisturbed evergreen rainforest; farmbush = degraded forest, open areas in rainforest, dry forest; savannah = tree and open savannah, agricultural land; tadpoles = aquatic feeding larvae; direct dev = direct development without free larval stage, either in egg (*Arthroleptis* spp., *Phrynobatrachus tokba*) or female (*Nimbaphrynoides*); lentic = larval development in stagnant, usually temporary waters of varying sizes; lotic = larval development in flowing, usually permanent waters of varying sizes. Taxonomy based on most recent list of the “Amphibian species of the World” [1].

	sample		altitude		habitat			reproductive mode		breeding site	
	swab	toe/skin	lowland	montane	forest	farmbush	savannah	tadpoles	direct dev	lentic	lotic
<b>Gymnophiona</b>											
<b>Caecilidae</b>											
<i>Geotrypetes seraphini</i>	0	6	1	0	1	1	0	0	1	0	0
<b>Anura</b>											
<b>Arthroleptidae</b>											
<i>Arthroleptis</i> spp. *	24	0	1	0	1	1	0	0	1	0	0
<i>Astylosternus occidentalis</i>	3	0	1	0	1	1	0	1	0	0	1
<i>Cardioglossa occidentalis</i>	2	0	1	0	1	0	0	1	0	0	1
<i>Leptopelis spiritusnoctis</i>	5	0	1	0	1	1	0	1	0	1	0
<i>L. viridis</i>	8	0	1	0	0	1	1	1	0	1	0
<b>Bufonidae</b>											
<i>Amietophrynus maculatus</i>	17	0	1	0	0	1	1	1	0	1	0
<i>A. regularis</i>	1	0	1	0	0	1	1	1	0	1	0
<i>A. togoensis</i>	3	0	1	0	1	0	0	1	0	0	1

<i>“Bufo” pentoni</i>	4	0	1	0	0	0	1	1	0	1	0
<i>Nimbaphrynoides occidentalis</i> §	62	0	0	1	0	0	1	0	1	0	0
<b>Dicroglossidae</b>											
<i>Hoplobatrachus occipitalis</i>	55	12	1	0	0	1	1	1	0	1	0
<b>Hemisotidae</b>											
<i>Hemius marmoratus</i>	5	0	1	0	1	1	1	1	0	1	0
<b>Hyperoliidae</b>											
<i>Afrixalus dorsalis</i>	3	0	1	0	0	1	1	1	0	1	0
<i>Afrixalus nigeriensis</i>	1	0	1	0	1	1	0	1	0	1	0
<i>Afrixalus vittiger</i>	5	0	1	0	0	0	1	1	0	1	0
<i>A. weidholzi</i>	1	0	1	0	0	0	1	1	0	1	0
<i>Hyperolius bobirensis</i>	2	0	1	0	1	0	0	1	0	1	0
<i>H. concolor</i>	5	0	1	0	0	1	0	1	0	1	0
<i>H. fusciventris</i>	1	0	1	0	1	1	0	1	0	1	0
<i>H. guttulatus</i>	2	0	1	0	0	1	0	1	0	1	0
<i>H. nasutus</i> *	1	0	1	0	0	0	1	1	0	1	0
<i>H. nitidulus</i>	6	0	1	0	0	0	1	1	0	1	0
<i>H. picturatus</i>	2	0	1	0	0	1	0	1	0	1	0
<i>H. sylvaticus</i>	2	0	1	0	1	0	0	1	0	1	0
<i>H. sp. #</i>	9	0	1	0	?	?	?	1	0	1	0
<i>Kassina arboricola</i>	2	0	1	0	1	1	0	1	0	1	0
<i>K. cassinoides</i>	2	0	1	0	0	0	1	1	0	1	0
<i>K. schioetzi</i>	3	0	1	0	0	1	1	0	0	1	0
<i>K. senegalensis</i>	12	0	1	0	0	0	1	1	0	1	0
<i>Phlyctimantis boulengeri</i>	2	0	1	0	1	1	0	1	0	1	0
<b>Microhylidae</b>											
<i>Phrynomantis microps</i>	33	0	1	0	0	0	1	1	0	1	0
<b>Petropedetidae</b>											
<i>Conraua alleni</i> *	52	34	1	1	1	0	0	1	0	0	1
<i>C. derooi</i>	5	7	1	0	1	0	0	1	0	0	1
<i>Petropedetes natator</i> *	138	20	1	1	1	0	0	1	0	0	1
<b>Phrynobatrachidae</b>											
<i>Phrynobatrachus alleni</i>	10	0	1	0	1	0	0	1	0	1	1

<i>P. annulatus</i>	9	0	1	0	1	0	0	?	?	?	?
<i>P. calcaratus</i> *	10	0	1	0	1	1	0	1	0	1	1
<i>P. francisci</i>	2	0	1	0	0	0	1	1	0	1	0
<i>P. latifrons</i>	43	36	1	0	0	1	1	1	0	1	0
<i>P. liberiensis</i>	19	0	1	0	1	0	0	1	0	0	1
<i>P. natalensis</i>	4	0	1	0	0	1	1	1	0	1	0
<i>P. plicatus</i>	19	0	1	0	1	0	0	1	0	1	0
<i>P. tokba</i>	2	0	1	1	1	1	0	0	1	0	0
<i>P. sp.</i>	1	0	1	0	?	?	?	?	?	?	?
<b>Pipidae</b>											
<i>Pseudhymenochirus merlini</i>	0	1	1	0	1	1	0	1	0	1	0
<i>Silurana tropicalis</i>	6	9	1	0	1	1	0	1	0	1	0
<i>Xenopus muelleri</i>	2	5	1	0	0	0	1	1	0	1	0
<b>Ptychadenidae</b>											
<i>Ptychadena aequiplicata</i> *	5	0	1	0	1	0	0	1	0	1	0
<i>P. bibroni</i>	1	0	1	0	0	1	1	1	0	1	0
<i>P. longirostris</i>	5	0	1	0	1	0	0	1	0	1	0
<i>P. mascareniensis</i> *	1	0	1	0	0	1	1	1	0	0	1
<i>P. oxyrhynchus</i>	1	0	1	0	0	1	1	1	0	1	0
<i>P. pumilio</i>	5	0	1	0	0	0	1	1	0	1	0
<i>P. tellini</i>	4	0	1	0	0	0	1	1	0	1	0
<i>P. tournieri</i>	2	0	1	0	0	0	1	1	0	1	0
<b>Pyxicephalidae</b>											
<i>Pyxicephalus edulis</i>	5	0	1	0	0	0	1	1	0	1	0
<i>Aubria subsigillata</i>	2	7	1	0	1	0	0	1	0	1	1
<b>Ranidae</b>											
<i>Hylarana albolabris</i>	11	0	1	0	1	0	0	1	0	0	1
<i>H. galamensis</i>	6	0	1	0	0	0	0	1	0	1	0
<i>H. occidentalis</i>	2	0	1	0	1	0	0	1	0	?	?
<b>Rhacophoridae</b>											
<i>Chiromantis rufescens</i>	1	0	1	0	1	0	0	1	0	1	0

## References

1. Frost DR (2011) Amphibian Species of the World: an Online Reference. Version 5.5. <http://research.amnh.org/vz/herpetology/amphibia/> Accessed 28 February 2012.