

# Recent Findings of Potentially Lethal Salamander Fungus *Batrachochytrium salamandrivorans*

## Appendix

**Appendix Table 1.** Summary of locations, sample size, findings from *Batrachochytrium dendrobatidis* and *Batrachochytrium salamandrivorans* testing, and prevalence and infection intensities for each\*

Location	Species	No.	Bd+	Bsal+	$Bd_{prev}$ (95% CI)†	$Bsal_{prev}$ (95% CI)†	$Bd$ min–max GE	$Bsal$ min–max GE
Czech Republic								
Prague	<i>Cynops ensicauda</i>	5	1		0.29 (0.05–0.65)	0.14 (0–0.47)	1.91	
Montenegro								
Moromish	<i>Lissotriton vulgaris</i>	35	4		0.10 (0.04–0.19)	0.02 (0–0.07)	0.28–22.25	
	<i>Triturus cristatus</i>	22	1				1.05	
Liveroviči lake	<i>L. vulgaris</i>	31	2		0.09 (0.02–0.20)	0.03 (0–0.11)	1.73–1.83	
Spain								
Suances	<i>L. helveticus</i>	22		1	‡	0.06 (0.01–0.16)		0.42
	<i>T. marmoratus</i>	10						
Ampuero	<i>Salamandra salamandra</i>	9			‡	0.10 (0.01–0.26)		
	<i>L. helveticus</i>	10		1				2.73
Teverga	<i>L. helveticus</i>	62		2	‡	0.04 (0.01–0.09)		0.89–4.36
	<i>T. marmoratus</i>	11						
Carracedelo	<i>L. helveticus</i>	5	1		‡	0.06 (0–0.20)	0.54	
	<i>T. marmoratus</i>	11						
Ruente	<i>L. helveticus</i>	50	2	1	‡	0.04 (0–0.10)	0.24	0.16

\**Bd*, *Batrachochytrium dendrobatidis*;  $Bd_{prev}$ , prevalence for *Bd*; *Bsal*, *B. salamandrivorans*;  $Bsal_{prev}$ , prevalence for *Bsal*; CI, confidence interval; GE, genomic equivalent; +, positive.

†Calculated using Bayesian probability.

‡Cannot be included because only a subset of the samples were analysed by duplex qPCR.

**Appendix Table 2.** Locations, species, year, origin, type, and number of samples collected during surveillance for *Batrachochytrium dendrobatidis* and *Batrachochytrium salamandrivorans*\*

Location	Species	Year	Origin	Sample Type	No.	Bd+	Bsal+
Croatia							
Iokva Majkovi	<i>Lissotriton vulgaris</i>	2016	W	S	30		
Crna Mlaka	<i>L. vulgaris</i>	2016	W	S	1		
	<i>Salamandra salamandra</i>	2016	W	S	1		
Czech Republic							
Kokořínsko	<i>L. vulgaris</i>	2017	W	S	44		
Ústí nad labem	<i>S. salamandra</i>	2016	W	S	17		
Prague	<i>Cynops ensicauda</i>	2017	C	S	5	1	
Montenegro							
Moromish	<i>L. vulgaris</i>	2016	W	S	35	4	
	<i>Triturus cristatus</i>	2016	W	S	22	1	
Liveroviči lake	<i>L. vulgaris</i>	2016	W	S	31	2	
Lovćen	<i>L. vulgaris</i>	2016	W	S	40		
Traktir-Sutorina	<i>L. vulgaris</i>	2016	W	S	33		
		2016	W	S	10		
Poland							

Location	Species	Year	Origin	Sample		No.	Bd+	Bsal+
				Type				
Wąwóz Lipa-Chełmy Landscape Park Sady-Ślęza Massif	<i>S. salamandra</i>	2014	W	S		30		
	<i>S. salamandra</i>	2014	W	S		9		
		2015	W	S		2		
Złoty Stok-Śnieżnik Landscape Park Jarnołtówek	<i>S. salamandra</i>	2014	W	S		15		
		2015	W	S		3		
	<i>S. salamandra</i>	2015	W	TC		21		
Bielsko-Biała Pleśna	<i>S. salamandra</i>	2016	W	S		32		
	<i>S. salamandra</i>	2014	W	TC		4		
		2016	W	TC		30		
Góra Kamińska	<i>S. salamandra</i>	2015	W	TC		17		
		2016	W	TC		30		
Rakówka	<i>S. salamandra</i>	2015	W	TC		7		
Czarnorzeki	<i>S. salamandra</i>	2015	W	TC		24		
Trzciana	<i>S. salamandra</i>	2014	W	TC		2		
		2016	W	TC		30		
Sękowiec	<i>S. salamandra</i>	2016	W	TC		30		
Southern Otryt	<i>S. salamandra</i>	2016	W	TC		18		
Jagiellonian University	<i>L. vulgaris</i>	2016	C	S		5		
Slovakia								
Remetské Hámre	<i>S. salamandra</i>	2017	W	S		15		
Ruská Bystrá	<i>S. salamandra</i>	2017	W	S		10		
Tichá Voda	<i>S. salamandra</i>	2017	W	S		18		
Ružín	<i>S. salamandra</i>	2017	W	S		5		
Modra	<i>S. salamandra</i>	2017	W	S		5		
Pezinok	<i>S. salamandra</i>	2018	W	S		12		
		2017	W	S		13		
Bratislava	<i>S. salamandra</i>	2018	W	S		13		
Spain								
Boo de Guarnizo	<i>Lissotriton helveticus</i>	2017	W	S		28		
Santillana del Mar	<i>Ichthyosaura alpestris</i>	2017	W	S		10		
	<i>L. helveticus</i>	2017	W	S		1		
	<i>Ambystoma mexicanum</i>	2017	C	S		1		
Suances	<i>L. helveticus</i>	2017	W	S		22		1
	<i>Triturus marmoratus</i>	2017	W	S		10		
Valdáliga	<i>L. helveticus</i>	2017	W	S		17		
	<i>I. alpestris</i>	2017	W	S		4		
Voto	<i>S. salamandra</i>	2017	W	S		19		
Ampuero	<i>S. salamandra</i>	2017	W	S		9		
	<i>L. helveticus</i>	2017	W	S		10		1
Teverga	<i>L. helveticus</i>	2017	W	S		62		2
	<i>T. marmoratus</i>	2017	W	S		11		
Villafranca del Bierzo	<i>Lissotriton boscai</i>	2017	W	S		20		
Carucedo	<i>L. boscai</i>	2017	W	S		4		
	<i>L. helveticus</i>	2017	W	S		20		
Carracedelo	<i>L. helveticus</i>	2017	W	S		5	1	
	<i>T. marmoratus</i>	2017	W	S		11		
Chozas de Abajo	<i>Pleurodeles waltl</i>	2017	W	S		17		
	<i>T. marmoratus</i>	2017	W	S		1		
Ruente	<i>L. helveticus</i>	2017	W	S		50	2	1
Cabuérniga	<i>S. salamandra</i>	2017	W	S		19		
Campoo-Cabuérniga	<i>L. helveticus</i>	2017	W	S		11		
	<i>I. alpestris</i>	2017	W	S		2		
Los Tojos	<i>T. marmoratus</i>	2017	W	S		14		
	<i>L. helveticus</i>	2017	W	S		15		
Comillas	<i>L. helveticus</i>	2017	W	S		28		
Campoo de Suso	<i>L. helveticus</i>	2017	W	S		7		
	<i>I. alpestris</i>	2017	W	S		16		

\*Bd, *Batrachochytrium dendrobatidis*; Bsal = *B. salamandrivorans*; C, captive; S, swab; TC, toe clipping; W, wild; +, positive.