

Supplementary Table S1. Known localities in Germany with *Batrachochytrium salamandrivorans* sampling (N Swabs = number of swabs) in northern crested newt populations (*Triturus cristatus*) sorted by state (BY = Bavaria; NW = North Rhine Westphalia; LS = Lower Saxony; RP = Rhineland Palatinate; S = Saxony; TH = Thuringia) and site between 2015 and 2021 with information on *Bsal* diagnostics, minima and maxima of genomic equivalents (GE) as well as calculated prevalence (in percentage, if applicable) of *T. cristatus* populations with Bayesian credible intervals (Bayesian CI). Further information on syntopic newts (A = Alpine newt, *Ichthyosaura alpestris*; P = palmate newt, *Lissotriton helveticus*; S = smooth newt, *L. vulgaris*) and their *Bsal* analyses (– = negative; + = positive) as well as *Bd* diagnostics and information on references are listed (N.A = not available, hyphen = missing data).

Site		Sampling			Bsal Diagnostic				Syntopic Newts	<i>Bd</i> -Diagnostic	Reference			
State	City	Locality	Year	time period	N <i>T. cristatus</i>	N Swabs	Swabs Positive	GE (Min, Max)	eDNA	<i>T. cristatus</i> Prevalence (bayesian CI)	Swabs Positive	Swabs Positive		
BY	Gremsdorf	Aischgrund	2021	–	–	1	0	–	–	N.A	–	N.A	this study	
		Mindelheim	2022	05.05, 30.05.	6	6	6	4;32	–	100%	A+, S+	N.A.	this study	
	Ebrach	Steigerwald	2020	–	–	3	0	–	–	0% (0–61%)	A-, S-	N.A.	LfU 2021	
			2021	–	–	3	0	–	–	0% (0–61%)	A+, S+	N.A	LfU 2021	
NW	Aachen	Brockenberg	2015	–	–	2	0	–	N.A	0% (0–70%)	–	N.A	DALBECK et al. 2018	
			2016	14.03.	–	3	0	–	N.A	0% (0–61%)	S+	N.A	WAGNER et al. 2019	
			2017	27.04.	–	3	3	–	N.A	100%	A+, S+	N.A	DALBECK et al. 2018	
			2018	16.04.	–	1	1	10022	N.A	100%	S-	N.A	WAGNER et al. 2019	
			2019	14.06.	–	3	1	3	N.A	41% (7–82%)	S-	N.A	LÖTTERS et al. 2020b	
			2020	02.07.	2	1	0	–	N.A	N.A	A-, S-	N.A	BÖNING et al. in press	
			2021	31.03.–18.06.	4	36	0	–	N.A	3% (0–9%)	–	N.A	update this study	
			2020	–	–	4	3	4;1485	N.A	66% (26–69%)	A+, S+	N.A	BÖNING et al. in press	
NW	Bochum	Günnigfeld	2010	24.05.	21	N.A	0	–	N.A	N.A	N.A	N.A	this study	
			2020	24.04.–09.07	4	4	4	–	+	100%	A, S all +	+	this study	
			2021	14.03.–17.06.	18	18	18	174; 477900	+	100%	A, S all +	+	this study	
		Stiepel	2015	22.03.–20.04	33	N.A	0	–	N.A	N.A	–	N.A	Ökoplan KORDGES 2021	
			2019	März/April	17	N.A	0	–	–	N.A	A-, S-	N.A	Ökoplan KORDGES 2021	
2021	März/April	0	N.A	0	–	–	N.A	N.A	N.A	N.A	Ökoplan KORDGES 2021			
NW	Duisburg	Walsum–HG	2016	16.05.	28	N.A	0	–	N.A	N.A	N.A	N.A	this study	
			2017	16.05.	25	N.A	0	–	N.A	N.A	N.A	N.A	this study	
			2019	21.05.	14	N.A	0	–	N.A	N.A	N.A	N.A	this study	
			2020	06.05.	4	4	3	165; 4341	N.A	66% (26–69%)	N.A	N.A	this study	
			2021	16.03.–23.06.	11	11	9	14; 67814	N.A	77% (52–95%)	S+	+	this study	
		Walsum–AG	2016	12.05.	13	N.A	0	–	N.A	N.A	N.A	N.A	N.A	
			2019	12.04.	18	N.A	N.A	–	N.A	N.A	N.A	N.A	N.A	this study
2021	19.04.–21.04.	0	N.A	N.A	–	N.A	N.A	N.A	P-, S+	+	this study			

Online Supplementary data – PHILIPP BÖNING et al.: Key questions about the impact of the salamander plague on the Northern Crested Newt, *Triturus cristatus* – a German perspective. – Salamandra, 59: 117-126

Site		Sampling					Bsal Diagnostic				Syntopic Newts	Bd-Diagnostic	Reference		
State	City	Locality	Year	time period	N <i>T. cristatus</i>	N Swabs	Swabs Positive	GE (Min, Max)	eDNA	<i>T. cristatus</i> Prevalence (bayesian CI)	Swabs Positive	Swabs Positive			
NW	Euskirchen	Nonnenbachtal	2018	–	–	2	0	–	N.A	25% (0–70%)	–	N.A	LÖTTERS et al. 2020b		
NW	Aachen	Ginnicker Bruch	2019	09.05.	–	14	0	–	N.A	0% (0–20%)	A-, S-	N.A	LÖTTERS et al. 2020b		
			2020	23.04.	–	28	0	–	N.A	0% (0–12%)	A-, S-	N.A	BÖNING et al. in press		
			2021	21.04.	–	6	0	–	N.A	0% (0–43%)	A-, S-	N.A	this study		
			Ginnich Teich	2020	–	–	9	0	–	N.A	0% (0–30%)	A-, S-	N.A	BÖNING et al. in press	
			Münsterbusch	2020	01.07.	–	4	1	2	N.A	32% (5–71%)	2019 A+, S-	N.A	LÖTTERS et al. 2020b, BÖNING et al. in press	
NW	Hagen	Uhlenbruch	2021	06.05–07.5	9	5	0	–	N.A	0% (0–44%)	A, P, S all -	–	this study		
			2022	–	19	N.A	0	–	N.A	N.A	N.A	N.A	this study		
			Helbecke	2021	26.05–27.05	28	7	0	–	N.A	0% (0–36%)	A, P, S all -	–	this study	
NW	Höxter	Höxter	2019	–	1	1	0	–	N.A	N.A	A-, P-	–	Lötters et al. 2020b		
NW	Schwelm	Privatteich	2019	16.05.–23.05.	184	17	0	–	N.A	0% (0–19%)	A, P, S all -	–	this study		
			2021	18.06.	10	6	0	–	N.A	0% (0–43%)	A, P, S all -	–	this study		
NW	Oberhausen	Hiesfelder Wald	2017	05.04.–19.04.	221	N.A	0	–	N.A	N.A	N.A	N.A	N.A	this study	
			2018	06.04.–20.04.	343	N.A	0	–	N.A	N.A	N.A	N.A	N.A	N.A	this study
			2019	29./30.04.	52	25	0	–	N.A	0% (0–12%)	A, P, S all -	N.A	N.A	LÖTTERS et al. 2020b	
			2020	29.04.	6	N.A	0	–	N.A	N.A	N.A	N.A	N.A	N.A	this study
			2021	30.04.	7	7	5	1678	N.A	66% (34–68%)	A, P, S all -	+	+	this study	
NW	Kleve	Biener Altrhein	2019	27.05.	–	1	1	2000	N.A	100%	S+	N.A	LÖTTERS et al. 2020b		
NW		Kiesgrube Rees	2019	27.05.	–	3	0	–	N.A	25% (0–70%)	S-	N.A	LÖTTERS et al. 2020b		
		Schloss Hüth	2019	27.05.	–	4	0	–	N.A	0% (0–52%)	S-	N.A	LÖTTERS et al. 2020b		
NW	Krefeld	Niepkuhlen	2020	28.05.	–	1	0	–	N.A	N.A	S-	N.A	LÖTTERS et al. 2020b		
		Orbroich	2020	–	–	1	0	–	N.A	N.A	S-	N.A	LÖTTERS et al. 2020b		
NW	Düren	Drover Heide	2018	–	–	8	0	–	N.A	0% (0–30%)	S-, P-	N.A	LÖTTERS et al. 2020b		
			2021	22.04., 29.04.	–	10	0	–	N.A	0% (0–30%)	A-, S-, P-	N.A	this study		
			Pierer Wald	2020	29.04.	–	3	3	320; 1534	N.A	100%	A+, S-	N.A	BÖNING et al. in press	
			Stockheimer Teiche	2021	23.04.	–	4	0	–	N.A	0% (0–52%)	A-, S-, P-	N.A	this study	
			Teverener Heide	2017	21.04.	–	3	1	1	N.A	40% (0–82%)	A-, S+	N.A	WAGNER et al. 2019	
				2019	24.04.	–	3	0	–	N.A	0% (0–61%)	A-, S+	N.A	this study	
			Weidmaar	2021	27.04.	–	3	0	–	N.A	0% (0–61%)	A-	N.A	this study	
	Werther Heide	2020	30.04.	–	14	0	–	N.A	10% (0–28%)	A-	N.A	BÖNING et al. in press			

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State	City	Locality	Year	time period	N <i>T. cristatus</i>	N Swabs	Swabs Positive	GE (Min, Max)	eDNA	<i>T. cristatus</i> Prevalence (bayesian CI)	Swabs Positive	Swabs Positive	
		Wolfsmaar	2021	27.04.	–	2	0	–	N.A	25% (0–70%)	A-, S-	N.A	this study
	NP Eifel	Winkelenberg	2019	–	–	40	3	–	N.A	9% (0–19%)	–	N.A	LÖTTTERS et al. 2020b
			2020	24.03.–30.06.	21 (1)	25	14 (1)	2; 40406	+	66% (47–82%)	A+, S+, P+	N.A	this study
			2021	08.03.–08.07.	10	34	15	1; 524	+	44% (31–60%)	A+, S+, P+	N.A	this study
		Helingsbach	2016	19.05.	–	10	0	–	N.A	0% (0–31%)	A-, S-	N.A	LÖTTTERS et al. 2020b
			2017	18.05.	–	15	15	–	N.A	100%	A-, S-	N.A	LÖTTTERS et al. 2020b
			2018	03.05., 16.05.	–	11	10	117; 3732	N.A	85% (63–98%)	N.A.	N.A	Wagner et al. 2019
			2019	–	–	N.A	0	–	N.A	N.A	A-, S-	N.A	update this study
			2020	23.04.–15.06.	3	3	1	278	+	40% (7–82%)	A+, S+	N.A	update this study
		Sauerbach	2018	16.05.	–	1	1	22082	N.A	100%	–	N.A	Wagner et al. 2019
	Wuppertal	Lenzhauser Siepen	2021	24.03.–11.07.	126	16	14	–	+	83% (63–96%)	A?, S?, P?	N.A	this study
		Marscheider Teich	2021	11.03.– 26.07.21	38	6	3	–	+	50% (19–80%)	A?, S?, P?	N.A	this study
		Oetelshofen	2021	2.03.–14.08.	38	22	22	–	+	100%	A?, S+, P?	N.A	this study
LS	Kleiwiesen		2015	–	–	27	0	–	N.A	0% (0–13%)	A-, S-	N.A	SPITZEN-VAN DER SLUIJS et al. 2016
LS	Lelm		2015	–	–	29	0	–	N.A	0% (0–11%)	A-, S-, P-	N.A	SPITZEN-VAN DER SLUIJS et al. 2016
RP	Koblenz	Schmidtenhöhe	2015	–	–	1	0	–	N.A	N.A	–	N.A	LÖTTTERS et al.2020b
RP	Landscheid	Kiesgrube	2019	–	–	3	0	–	N.A	0% (0–61%)	A-	N.A	LÖTTTERS et al.2020b
			2020	–	–	2	0	–	N.A	25% (0–70%)	–	N.A	BÖNING et al. in press
RP	Trier	Mattheiser Wald	2016	–	–	1	0	–	N.A	N.A	–	N.A	LÖTTTERS et al. 2020b
RP	Niederprüm	Tongrube	2021	–	–	3	2	–	N.A	58% (20–93%)	A+, S+	N.A	this study
RP	Worms	Worms	2020	–	–	1	0	–	N.A	N.A	–	N.A	BÖNING et al. in press
S	Rohrbach		2020	–	–	25	0	–	N.A	0% (0–13%)	–	N.A	BÖNING et al. in press
			2021	–	–	100	0	–	N.A	0%	–	N.A	this study
TH	Jena	Closewitz	2015	–	–	23	0	–	N.A	0% (0–14%)	–	N.A	LÖTTTERS et al. 2020b

Supplementary Table S2. Known sites with *Batrachochytrium salamandrivorans* occurrence in Germany until July 2022, with information on *Bsal* identification methods, infected species per site (1 = *Bsal*-positive, 0 = *Bsal*-negative/not tested) as well as coordinates, year of first observation, and references of known localities. Data are sorted by Federal State NRW = Northrhine-Westphalia. RP = Rhineland-Palatinate.

Federal State	Administrative Unit	Site	Year	LAT	LONG	<i>S. salamandra</i>	<i>I. alpestris</i>	<i>L. helveticus</i>	<i>L. vulgaris</i>	<i>T. cristatus</i>	<i>B. bufo</i>	<i>R. temporaria</i>	<i>B. variegata</i>	<i>A. obstetricans</i>	<i>Pelophylax</i> sp.	Source(s)
Bavaria	Bamberg	Steigerwald	2020	49.864623	10.488179	1	0	0	0	0	0	0	0	0	0	THEIN et al. 2020
Bavaria	Unterallgäu	An der Halde 1	2021	48,058604	10,322550	0	1	0	1	0	0	0	0	0	0	this study
Bavaria	Unterallgäu	An der Halde 10	2021	48,059200	10,324035	0	1	0	1	0	0	0	0	0	0	this study
Bavaria	Unterallgäu	An der Halde 5	2021	48,059280	10,323263	0	1	0	0	0	0	0	0	0	0	this study
Bavaria	Unterallgäu	An der Halde 6	2021	48,059081	10,323589	0	1	0	0	0	0	0	0	0	0	this study
Bavaria	Unterallgäu	BN Tümpel Eichhölzle 15a	2021	48,046454	10,349215	0	1	0	1	0	0	0	0	0	0	this study
Bavaria	Unterallgäu	Fischweiher Kohlberg 112	2021	48,039402	10,392443	0	1	0	0	0	0	0	0	0	0	this study
Bavaria	Unterallgäu	Haselbachtal 27a	2021	48,071949	10,337821	0	1	0	1	0	0	0	0	0	0	this study
Bavaria	Unterallgäu	Hillental Süd	2022	48,072963	10,528471	0	1	0	0	0	0	0	0	0	0	this study
Bavaria	Unterallgäu	Hohacker 3	2021	48,059379	10,324748	0	1	0	1	0	0	0	0	0	0	this study
Bavaria	Unterallgäu	Im Eichholz 20	2021	48,061345	10,324926	0	1	0	1	0	0	0	0	0	0	this study
Bavaria	Unterallgäu	Kohlberg 116	2022	48,037102	10,363108	0	1	0	1	0	0	0	0	0	0	this study
Bavaria	Unterallgäu	Laubers	2022	48,018236	10,418253	0	1	0	0	0	0	0	0	0	0	this study
Bavaria	Unterallgäu	Morau	2022	48,064624	10,517775	0	1	0	1	1	0	0	0	0	0	this study
Bavaria	Unterallgäu	Rotlachenholz 76	2021	48,087298	10,398474	0	1	0	0	0	0	0	0	0	0	this study
NRW	Düren	Weberbach/Frenck	2017	50.735089	6.359651	1	1	1	0	0	0	0	0	0	0	DALBECK et al. 2018
NRW	Düren	Weißer Wehe	2015	50.717116	6.345695	1	1	1	0	0	0	0	0	0	0	DALBECK et al. 2018
NRW	Düren	Wollebach	2019	50.737227	6.413199	1	0	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Düren	Zweifallshammer	2018	50.684688	6.412117	1	0	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Bergisch-Gladbach	Odenthal-Altenberg	2020	51.054361	7.146556	1	0	0	0	0	0	0	0	0	0	this study
NRW	Bergisch-Gladbach	Schildgen	2022	51,022382	7,090470	1	0	0	0	0	0	0	0	0	0	this study
NRW	Bochum	Blumenkamp	2021	51.499990	7.52764	0	0	0	0	1	0	0	0	0	0	this study
NRW	Bochum	Botanischer Garten/Kalwes	2018	51.443396	7.272145	1	0	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Bochum	Dahlhausen/NSG Hörsterholz	2018	51,4372342	7,1445688	1	0	0	0	0	0	0	0	0	0	this study
NRW	Bochum	Hiltroper Volspark	2018	51.52021	7.26652	1	0	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Bochum	Kemader See/Stiepel	2018	51.418149	7.251696	1	0	0	0	0	0	0	0	0	0	this study
NRW	Bochum	Kleingarten E. V. Wohlfahrt	2020	51,455800	7,216720	0	1	0	1	0	0	0	0	0	0	this study
NRW	Bochum	Lottental/NSG Waldsiepen	2018	51,438068,	7,268714	1	0	0	0	1	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Bochum	LSG Hofsteder Weiher	2020	51,503304	7,177524	0	0	0	1	0	0	0	0	0	0	this study

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NRW	Bochum	Querenburg	2018	51.441398	7.264886	1	0	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Bochum	Waldgebiet am Dreerholz	2020	51,4555043	7,3003665	1	0	0	0	0	0	0	0	0	0	this study
NRW	Dortmund	Dellwiger Bachtal	2019	51.511440	7.336399	1	0	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Dortmund	Dortmund	2021	51,573435	7,466123	1	0	0	0	0	0	0	0	0	0	this study
NRW	Duisburg	Rheinaue Walsum	2020	51,545993	6,702601	0	0	0	0	1	0	0	0	0	0	this study
NRW	Düren	Pierer Wald	2020	50.868203	6.425354	0	1	0	0	1	0	0	0	0	0	this study
NRW	Düren	Rote Wehe	2017	50.726667	6.323306	0	1	1	0	0	0	0	0	0	0	DALBECK et al. 2018
NRW	Düren	Simonskall	2016	50.664329	6.358932	1	0	0	0	0	0	0	0	0	0	DALBECK et al. 2018
NRW	Düren	Teufelspütz	2018	50.747069	6.366387	0	1	1	1	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Düren	Thönbach	2019	50.747069	6.366387	1	1	1	1	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Ennepe-Ruhr-Kreis	Hattingen Deilbach	2019	51.401582	7.126877	1	0	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Ennepe-Ruhr-Kreis	Hattingen Höhenweg	2019	51.326008	7.171701	1	0	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Ennepe-Ruhr-Kreis	Witten, Borbach	2020	51.429405	7.387315	1	0	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Essen	Bergerhausen	2019	51.436599	7.048501	0	1	1	1	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Essen	Bredeney	2019	51.403281	6.995988	1	0	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Essen	Fulerum Südwestfriedhof	2018	51.431025	6.968945	1	1	1	1	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Essen	Ruthertal	2018	51.382679	6.972078	1	0	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Essen	Stadtwald	2019	51.423354	7.020767	1	0	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Essen	Stadtwald, Garten	2019	51.423306	7.033296	0	1	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Essen	Wolfsbachtal	2019	51.404382	6.973143	1	1	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Heinsberg	Erkelenz	2018	51.049363	6.298195	1	1	0	0	0	0	0	1	0	0	LÖTTTERS et al. 2020b
NRW	Herne	Langeloh	2021	51,5338096	7,2944645	1	0	0	0	0	0	0	0	0	0	this study
NRW	Hochsauerlandkreis	Freienohl	2022	51.393335	8.209963	1	0	0	0	0	0	0	0	0	0	this study
NRW	Hochsauerlandkreis	Oeventrop	2022	51.377909	8.128201	1	0	0	0	0	0	0	0	0	0	this study
NRW	Kleve	Biener Altrhein	2019	51.771382	6.354609	0	0	0	1	1	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Mettmann	Baulofsbruch	2021	51.313337	6.8630469	1	0	0	0	0	0	0	0	0	0	this study
NRW	Mettmann	Erkrath, Neandertal	2020	51,230355	6,979104	1	0	0	0	0	0	0	0	0	0	this study
NRW	Mettmann	Heiligenhaus	2018	51.358604	6.990914	1	0	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Mettmann	Kalksteinbruch Oetelshofen	2021	51.237647	7.044382	0	0	0	0	1	0	0	0	0	0	this study
NRW	Mettmann	Velbert Deilbach/Stumpsberg	2018	51.337388	7.142683	1	0	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Mettmann	Velbert, Rützkäusen	2020	51,317748	7,041698	0	0	0	1	0	0	0	0	0	0	this study
NRW	Mülheim a.d. Ruhr	Rottbachtal	2018	51.375838,	6.833334	1	0	0	0	0	0	1	0	0	0	LÖTTTERS et al. 2020b
NRW	Mülheim a.d. Ruhr	Rottbachtal Gartenteich	2018	51.401709	6.856205	0	1	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b

Federal State	Administrative Unit	Site	Year	LAT	LONG	<i>S. salamandra</i>	<i>I. alpestris</i>	<i>L. helveticus</i>	<i>L. vulgaris</i>	<i>T. cristatus</i>	<i>B. bufo</i>	<i>R. temporaria</i>	<i>B. variegata</i>	<i>A. obstetricans</i>	<i>Pelodytes</i> sp.	Source(s)
NRW	Nationalpark Eifel	Haftenbach	2017	50.613929	6.431371	1	1	1	0	0	0	0	0	0	0	DALBECK et al. 2018
NRW	Nationalpark Eifel	Helingsbach Amphibienteich	2018	50.570040	6.430098	0	1	0	1	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Nationalpark Eifel	Helingsbach Artenschutz- und Quellteich	2018	50.555410	6.436180	0	1	0	1	1	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Nationalpark Eifel	Sauerbach	2017	50.574681	6.401072	1	0	0	0	1	0	0	0	0	0	DALBECK et al. 2018
NRW	Nationalpark Eifel	Winkenberg	2019	50.596940	6.420544	0	1	1	1	1	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	Oberhausen	Hiesfelder Wald	2021	51.542313	6.833602	0	0	0	0	1	0	0	0	0	0	this study
NRW	Solingen	Solingen	2020	51.199496	7.104182	1	0	0	0	0	0	0	0	0	0	this study
NRW	StädteRegion Aachen	Belgenbach	2015	50.578169	6.278448	1	0	0	0	0	0	0	0	0	0	DALBECK et al. 2018
NRW	StädteRegion Aachen	Binsfeldhammer	2011	50.756521	6.243033	0	1	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
NRW	StädteRegion Aachen	Brockenberg	2017	50.746724	6.232078	0	0	1	1	1	0	0	0	0	0	DALBECK et al. 2018
NRW	StädteRegion Aachen	Fischbach	2015	50.735368	6.294149	1	1	1	0	0	0	0	0	0	0	DALBECK et al. 2018
NRW	StädteRegion Aachen	Münsterbusch	2019	50.770778	6.204713	0	1	0	1	0	0	0	0	0	0	this study
NRW	StädteRegion Aachen	Solchbach	2015	50.70178	6.270098	1	1	1	0	0	0	0	0	0	0	DALBECK et al. 2018
NRW	StädteRegion Aachen	Vichtbach/Rott	2004	50.658459	6.182923	1	0	0	0	0	0	0	0	0	0	DALBECK et al. 2018
NRW	Wuppertal	Lenzhauser Siepen	2021	51.199536	7.135651	0	0	0	0	0	0	0	0	0	0	this study
NRW	Wuppertal	Marscheider Teich	2021	51.231695	7.253540	0	0	0	0	1	0	0	0	0	0	this study
RP	Bitburg-Prüm	Alfbach	2018	50.266170	6.341554	0	1	1	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
RP	Bitburg-Prüm	Densborn 1	2022	50.1270845	6.5933375	1	0	0	0	0	0	0	0	0	0	this study
RP	Bitburg-Prüm	Densborn 2	2022	50.131472	6.589225	1	0	0	0	0	0	0	0	0	0	this study
RP	Bitburg-Prüm	Densborn 4	2022	50.1172709	6.5757143	1	0	0	0	0	0	0	0	0	0	this study
RP	Bitburg-Prüm	Densborn 5	2022	50.1221727	6.5674149	1	1	0	0	0	0	0	0	0	0	this study
RP	Bitburg-Prüm	Niederprüm	2021	50.191614	6.406244	0	1	0	0	1	0	0	0	0	0	this study
RP	Bitburg-Prüm	Plütscheid	2017	50.073109	6.341554	0	1	1	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
RP	Bitburg-Prüm	Schwarzer Mann	2018	50.266283	6.359239	0	1	1	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
RP	Bitburg-Prüm	Sellerich	2018	50.237990	6.366980	0	1	1	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
RP	Bitburg-Prüm	Watzbach	2019	50.215607	6.328830	1	1	0	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
RP	Vulkaneifel	Datsbach	2022	50.1091997	6.6010424	1	0	0	0	0	0	0	0	0	0	this study
RP	Vulkaneifel	Dreisbach	2018	50.269520	6.523619	0	1	1	0	0	0	0	0	0	0	LÖTTTERS et al. 2020b
RP	Vulkaneifel	Katzbach	2022	50.0923007	6.6113990	0	0	1	0	0	0	0	0	0	0	this study
RP	Vulkaneifel	Usch 1	2022	50.1109009	6.5978204	0	1	0	0	0	0	0	0	0	0	this study
RP	Vulkaneifel	Usch 2	2022	50.113658	6.597866	0	1	0	0	0	0	0	0	0	0	this study
RP	Vulkaneifel	Usch 3	2022	50.1152498	6.5941472	0	1	0	0	0	0	0	0	0	0	this study