



LIFE Semiaquatic monitoring report under action D1 for Amphibians

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Introduction

In the Semiaquatic LIFE project different monitoring was carried out. In the begin a monitoring was made to define the baseline for each of the species, where actions were targeted to under the action A2. During the project sites where monitored to find ponds for egg collection by checking ponds with calling males under C7.

The monitoring under D1 is foreseen to collect data about the status of populations in the project sites. This was done in 2020 and 2021.

Method:

For Amphibians the monitoring was counted or estimated the calling males for each pond, where the species was detected. For the day active specie fire bellied toad, the ponds where monitored in the late afternoon or early evening. The natterjack toad, the green toad and the common spadefood toad where monitored at night from sunset plus 30 in onwards.

The monitoring dates where chosen according the water forecast in the main season for calling. Good weather conditions are mild nights after a sunny day with no or little wind especially after a rainy period. The spade food toad has the activity peak between begin of March and end of April, the Green toad in midst of April to midst of May, the natterjack toad mainly after heavy rain from April to end of June, the fire bellied toad from midts of April to end of May. In these periods for each specie days with good weather conditions were selected.

Estimations were made, when a count was not possible either when to many calling males were active or when the species could not be seen just heard. For detecting the calling males of common spadefood toad an underwater with receiver and head set was used.

The counts were recorded pond by pond and the data are collected in an excel file. The data were transmitted to the state database for biological data of Schleswig-Holstein.

In 2020 and 2021 Michael Ott, Janis Ahrens, Julian Bock and Hauke Drews were participating in the D1 monitoring.

Results:

The tables on the following 2 pages show the results from the monitoring.

Data from 2020



Datum	site code	Gebiet	Gewässer-ID	Art	Anzahl der Rufe	Laichballen/ Laichstränge	Sichtungen	Kaulquappen	Geschlecht: Männchen, Weibchen, Amplexus, Juv. unbestimmt	Kartierer
06.04.2020	GER-6	Nordoe	1619	<i>Rana arvalis</i>	2		4		4 2 1	Ahrens
07.04.2020	GER-9	Pantener Moorweiher	2867	<i>Bufo bufo</i>			4		2 2	Bock
07.04.2020	GER-9	Pantener Moorweiher	2867	<i>Bufo viridis</i>	5		5		5	Bock
07.04.2020	GER-9	Pantener Moorweiher	2866	<i>Bufo bufo</i>	2		6		3 2	Bock
07.04.2020	GER-9	Pantener Moorweiher	Moorweiher	<i>Hyla arborea</i>	30					Bock
10.04.2020	GER-9	Pantener Moorweiher	Moorweiher	<i>Hyla arborea</i>	15					Bock
21.04.2020	GER-2	Järdelunder Moor	2746	<i>Pelobates fuscus</i>	7					H. Drews
21.04.2020	GER-2	Järdelunder Moor	2749	<i>Pelobates fuscus</i>	13					H. Drews
21.04.2020	GER-7	Schafflunder Mühlenstrom	2918	<i>Pelobates fuscus</i>			1			H. Drews
21.04.2020	GER-7	Schafflunder Mühlenstrom	2917	<i>Pelobates fuscus</i>	16					H. Drews
21.04.2020	GER-7	Schafflunder Mühlenstrom	2919	<i>Pelobates fuscus</i>	11					H. Drews
21.04.2020	GER-7	Schafflunder Mühlenstrom	2920	<i>Pelobates fuscus</i>	10					H. Drews
23.04.2020	GER-9	Pantener Moorweiher	2867	<i>Hyla arborea</i>			1			Ott
23.04.2020	GER-9	Pantener Moorweiher	2867	<i>Pelophylax kl. esculentus</i>			8			Ott
23.04.2020	GER-9	Pantener Moorweiher	2867	<i>Bufo viridis</i>	15		19		17 2 2	Ott
23.04.2020	GER-9	Pantener Moorweiher	2866	<i>Pelophylax kl. esculentus</i>			1			Ott
25.04.2020	GER-6	Nordoe	2747	<i>Pelobates fuscus</i>	2				2	Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	2747	<i>Lissotriton vulgaris</i>						6 Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1627	<i>Pelobates fuscus</i>			2			1 Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1628	<i>Pelobates fuscus</i>			1			1 Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1625	<i>Pelobates fuscus</i>			6			Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1625	<i>Pelophylax kl. esculentus</i>			1			1 Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1629	<i>Pelophylax kl. esculentus</i>			2			2 Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1431	<i>Epidalea calamita</i>			5		3 2	Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1431	<i>Pelobates fuscus</i>			3			Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1431	<i>Pelophylax kl. esculentus</i>			1			1 Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1424	<i>Pelobates fuscus</i>			1			1 Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1424	<i>Triturus cristatus</i>			3		2 1	Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1424	<i>Lissotriton vulgaris</i>			1			1 Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1424	<i>Pelophylax kl. esculentus</i>			1			1 Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	2932	<i>Pelobates fuscus</i>			1			1 Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	2932	<i>Epidalea calamita</i>			6			Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1422	<i>Epidalea calamita</i>	17					17 Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1422	<i>Triturus cristatus</i>			1			1 Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1632	<i>Pelophylax kl. esculentus</i>			5			5 Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1632	<i>Triturus cristatus</i>			5		3 2	Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1624	<i>Pelophylax kl. esculentus</i>			3			3 Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1426	<i>Pelophylax kl. esculentus</i>			3			3 Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1425	<i>Pelophylax kl. esculentus</i>			1			1 Ahrens/Schäfer
25.04.2020	GER-6	Nordoe	1424	<i>Pelophylax kl. esculentus</i>			2			2 Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	2755	<i>Natrix natrix</i>			1			1 Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	2755	<i>Pelophylax kl. esculentus</i>			1			1 Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	2747	<i>Lissotriton vulgaris</i>			4		2 2	Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	2747	<i>Triturus cristatus</i>			8		5 3	Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	1628	<i>Epidalea calamita</i>			1			Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	1625	<i>Triturus cristatus</i>			5		1 4	Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	1629	<i>Pelophylax kl. esculentus</i>			2			2 Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	2932	<i>Pelobates fuscus</i>			2			Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	2932	<i>Lissotriton vulgaris</i>			2		1 1	Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	1423	<i>Pelobates fuscus</i>			2			Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	1424	<i>Lissotriton vulgaris</i>			1		1	Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	1422	<i>Triturus cristatus</i>			1		1	Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	1422	<i>Epidalea calamita</i>			5			Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	1616	<i>Pelobates fuscus</i>	4				4	Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	1617	<i>Pelobates fuscus</i>	1				1	Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	2744	<i>Pelobates fuscus</i>	1				1	Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	2743	<i>Pelobates fuscus</i>	1				1	Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	1623	<i>Pelobates fuscus</i>	1				1	Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	1426	<i>Pelobates fuscus</i>	2				2	Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	2745	<i>Pelobates fuscus</i>	1				1	Ahrens/Schäfer
08.05.2020	GER-6	Nordoe	1425	<i>Pelobates fuscus</i>	3				3	Ahrens/Schäfer

Data from 2021

