

Online Supplementary data – Hybridisation complicates the conservation of *Natrix* snakes in the Netherlands

Supplementary Table S1. Sample overview including population numbers (corresponding to Fig. 1 of the article), sample ID, information on morphology, sex, life stage, location coordinates, haplotypes from the Kindler publications, clade, and countries where the haplotypes were previously found.

Nr.	Pop	Location	Sample ID	Lateral line	Sex	Life stage	Longitude	Latitude	Haplotype ND4	Haplotype CytB	Clade	ND4 countries	CytB Countries
1	1	Fochte-loërveen	NNFV1	N	unknown	sub-adult	53,004	6,399	h1, h8, h11	BLAST: h18	E	Switzerland, Great Britain, France, Germany	Switzerland
2	2	Marken	NNMA8	N	male	unknown	52,459	5,111	h1, h8, h11	BLAST: h29	E	Switzerland, Great Britain, France, Germany	The Netherlands
3	2	Marken	NNMA9	N	male	unknown	52,459	5,111	h1, h8, h11	BLAST: h29	E	Switzerland, Great Britain, France, Germany	The Netherlands
4	2	Marken	NNMA10	N	male	unknown	52,459	5,111	h1, h8, h11	h29	E	Switzerland, Great Britain, France, Germany	The Netherlands
5	3	Vaassen	NNVA1	N	unknown	sub-adult	52,292	5,943	h1, h8, h11	h1, h9, h18	E	Switzerland, Great Britain, France, Germany	Switzerland, France, Germany
6	4	Asselsche Heide	NNAH1	N	unknown	sub-adult	52,206	5,852	h1, h8, h11	h1, h9, h18	E	Switzerland, Great Britain, France, Germany	Switzerland, France, Germany
7	5	Kootwijk-erveen	NNKV1	N	unknown	adult	52,207	5,799	h1, h8, h11	BLAST: h18	E	Switzerland, Great Britain, France, Germany	Switzerland
8	6	Houten	NNHOU3	unknown	unknown	adult	52,045	5,164	h1, h8, h11	-	E	Switzerland, Great Britain, France, Germany	-
9	7	Alphen aan den Rijn	NNAR1	N	female	adult	52,143	4,693	h1, h8, h11	h1, h9, h18	E	Switzerland, Great Britain, France, Germany	Switzerland, France, Germany
10	7	Alphen aan den Rijn	NNAR2	Y	male	adult	52,143	4,693	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
11	7	Alphen aan den Rijn	NNAR3	Y	female	adult	52,143	4,693	r4, r5, r21, r23	-	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	-
12	7	Alphen aan den Rijn	NNAR4	Y	male	adult	52,143	4,693	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
13	7	Alphen aan den Rijn	NNAR4	Y	female	adult	52,143	4,693	h1, h8, h11	h1, h9, h18	E	Switzerland, Great Britain, France, Germany	Switzerland, France, Germany
14	7	Alphen aan den Rijn	NNAR7	Y	male	adult	52,143	4,693	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
15	7	Alphen aan den Rijn	NNAR8	Y	female	adult	52,143	4,693	r4, r5, r21, r23	MN585707	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	-
16	8	Krimpenerwaard	NNKW1	Y	unknown	juvenile	51,986	4,707	r4, r5, r21, r23	-	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	-

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Nr. Pop	Location	Sample ID	Lateral line	Sex	Life stage	Longitude	Latitude	Haplotype ND4	Haplotype CytB	Clade ND4	countries	CytB Countries	
17	8	Krimpenerwaard	NNKW2	Y	female	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
18	8	Krimpenerwaard	NNKW3	Y	female	adult	51,986	4,707	r4, r5, r21, r23	-	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	-
19	8	Krimpenerwaard	NNKW4	N	male	adult	51,986	4,707	r4, r5, r21, r23	-	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	-
20	8	Krimpenerwaard	NNKW5	N	male	sub-adult	51,986	4,707	r4, r5, r21, r23	-	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	-
21	8	Krimpenerwaard	NNKW6	N	female	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
22	8	Krimpenerwaard	NNKW11	N	female	adult	51,986	4,707	r4, r5, r21, r23	-	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	-
23	8	Krimpenerwaard	NNKW12	N	male	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
24	8	Krimpenerwaard	NNKW13	N	female	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
25	8	Krimpenerwaard	NNKW14	N	female	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
26	8	Krimpenerwaard	NNKW15	N	male	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
27	8	Krimpenerwaard	NNKW16	N	male	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
28	8	Krimpenerwaard	NNKW17	Y	male	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
29	8	Krimpenerwaard	NNKW18	N	male	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
30	8	Krimpenerwaard	NNKW19	N	female	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia

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Nr.	Pop	Location	Sample ID	Lateral line	Sex	Life stage	Longitude	Latitude	Haplotype ND4	Haplotype CytB	Clade ND4	ND4 countries	CytB Countries
31	8	Krimpenerwaard	NNKW20	Y	male	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
32	8	Krimpenerwaard	NNKW21	Y	male	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
33	8	Krimpenerwaard	NNKW22	N	male	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
34	8	Krimpenerwaard	NNKW23	N	female	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
35	8	Krimpenerwaard	NNKW24	Y	male	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
36	8	Krimpenerwaard	NNKW25	Y	female	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
37	8	Krimpenerwaard	NNKW26	N	female	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
38	8	Krimpenerwaard	NNKW27	Y	male	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
39	8	Krimpenerwaard	NNKW28	Y	female	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
40	8	Krimpenerwaard	NNKW29	N	female	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
41	8	Krimpenerwaard	NNKW30	N	female	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
42	8	Krimpenerwaard	NNKW31	N	female	adult	51,986	4,707	r4, r5, r21, r23	r34, r35, r55	4	Slovakia, Slovenia, Croatia, Romania, Bulgaria, Hungary, Poland, Germany, Czech Republic, Austria	Croatia, Slovenia, Austria, Germany, Hungary, Czech Republic, Bulgaria, Slovakia, Poland, Bosnia and Herzegovina, Great Britain, Romania, Serbia
43	9	Brunssumerheide	NNBRU1	unknown	female	adult	50,924	5,993	gy11	-	7	Cyprus, Turkey	-