High genetic diversity but limited gene flow in Flemish populations of the crested newt, *Triturus cristatus*

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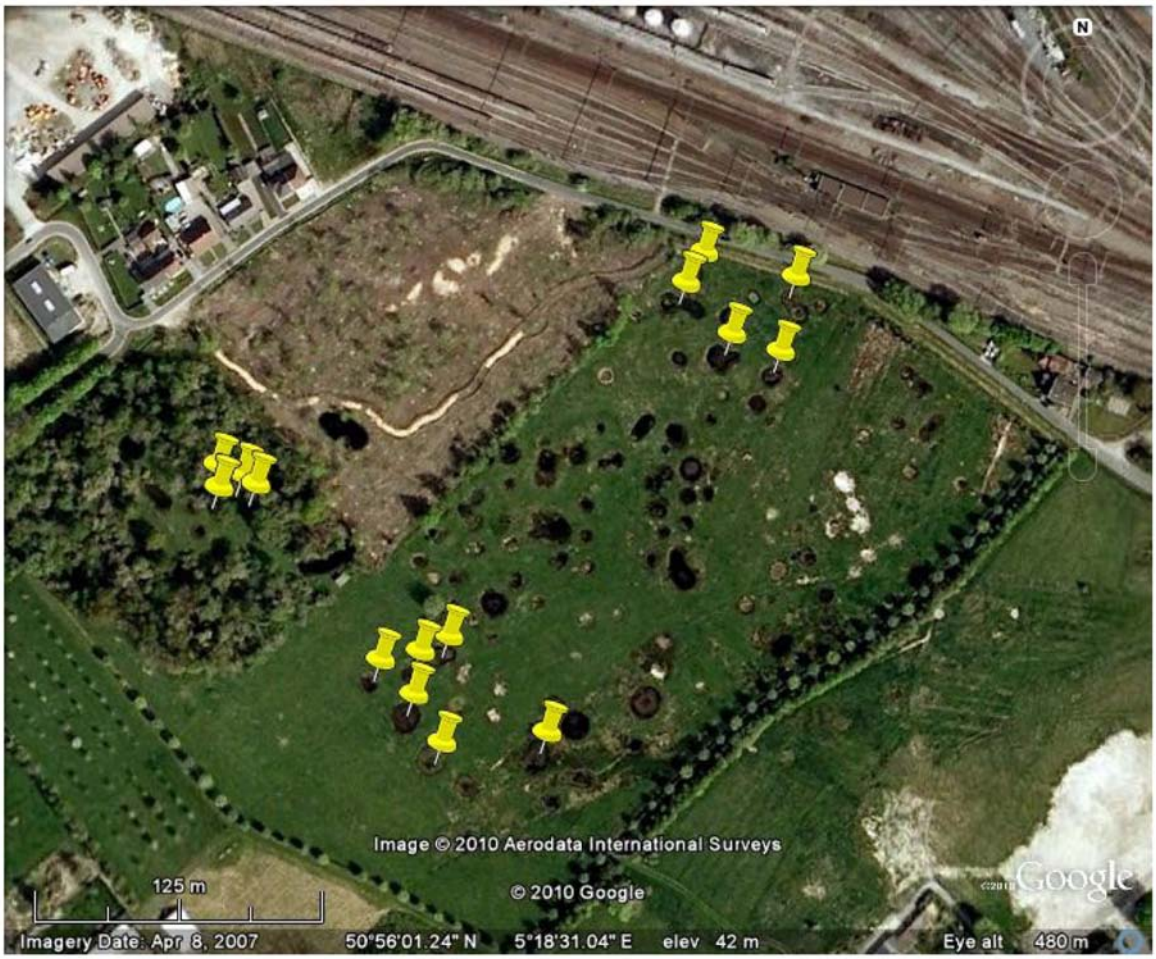
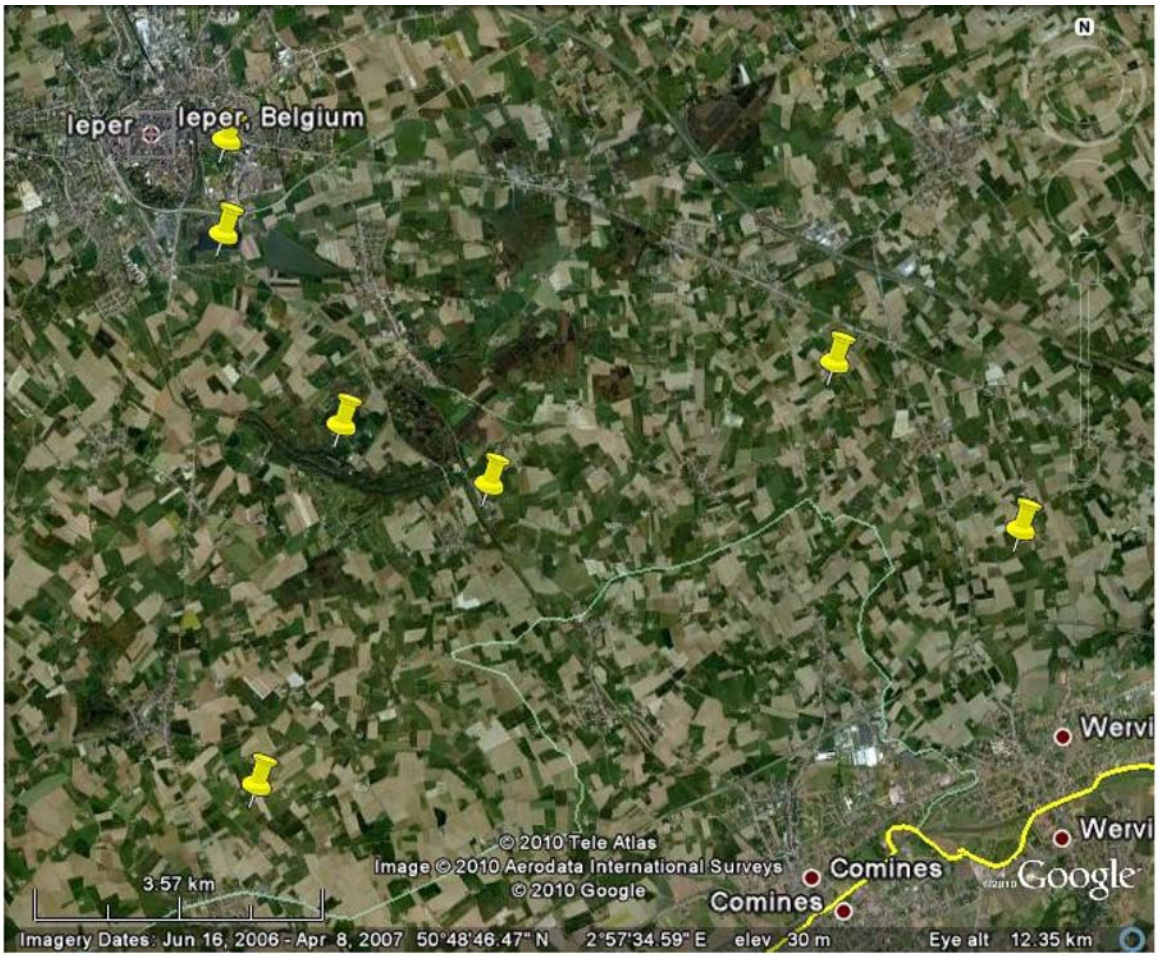
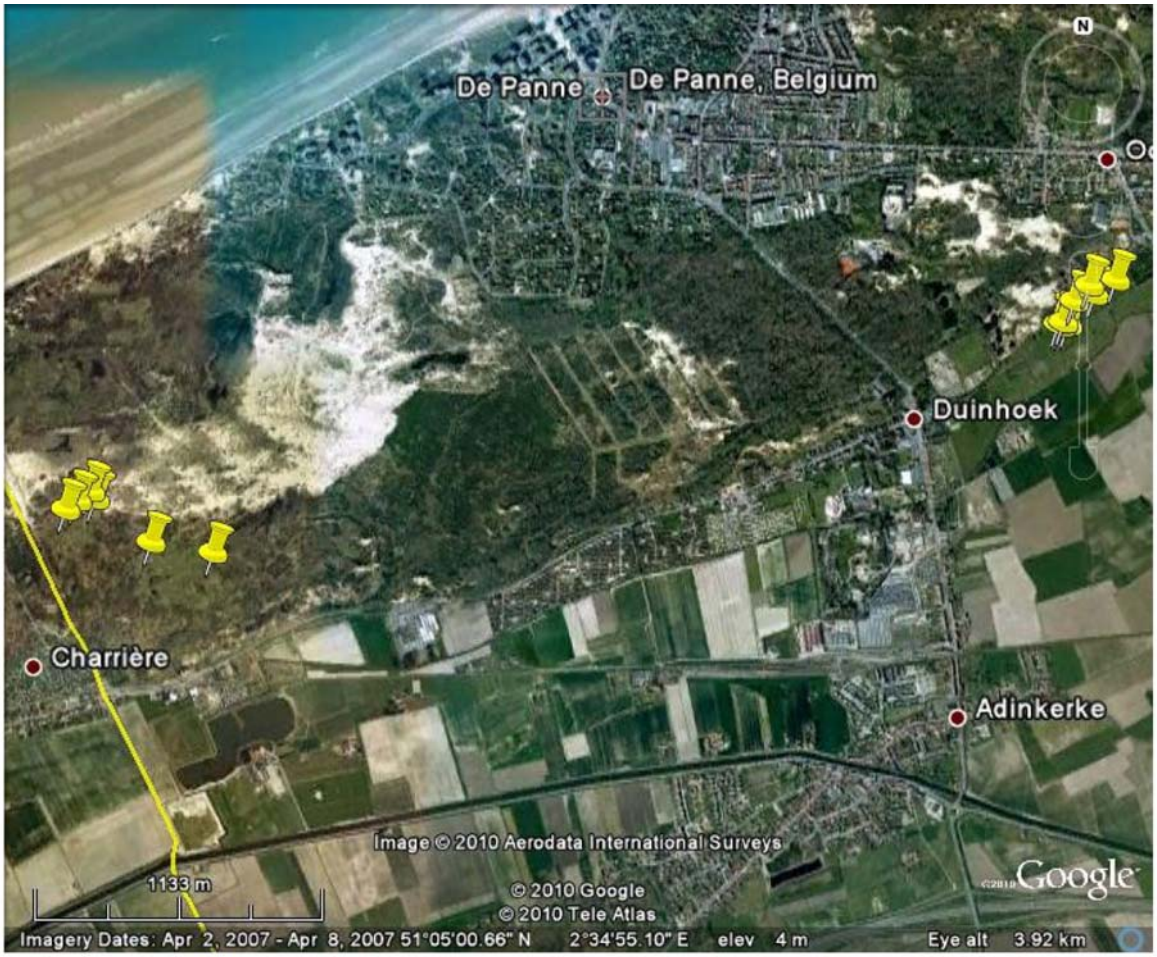
Fig. 1S. – Details of pools sampled in the 6 study areas.



Details of pool cluster Tommelen.

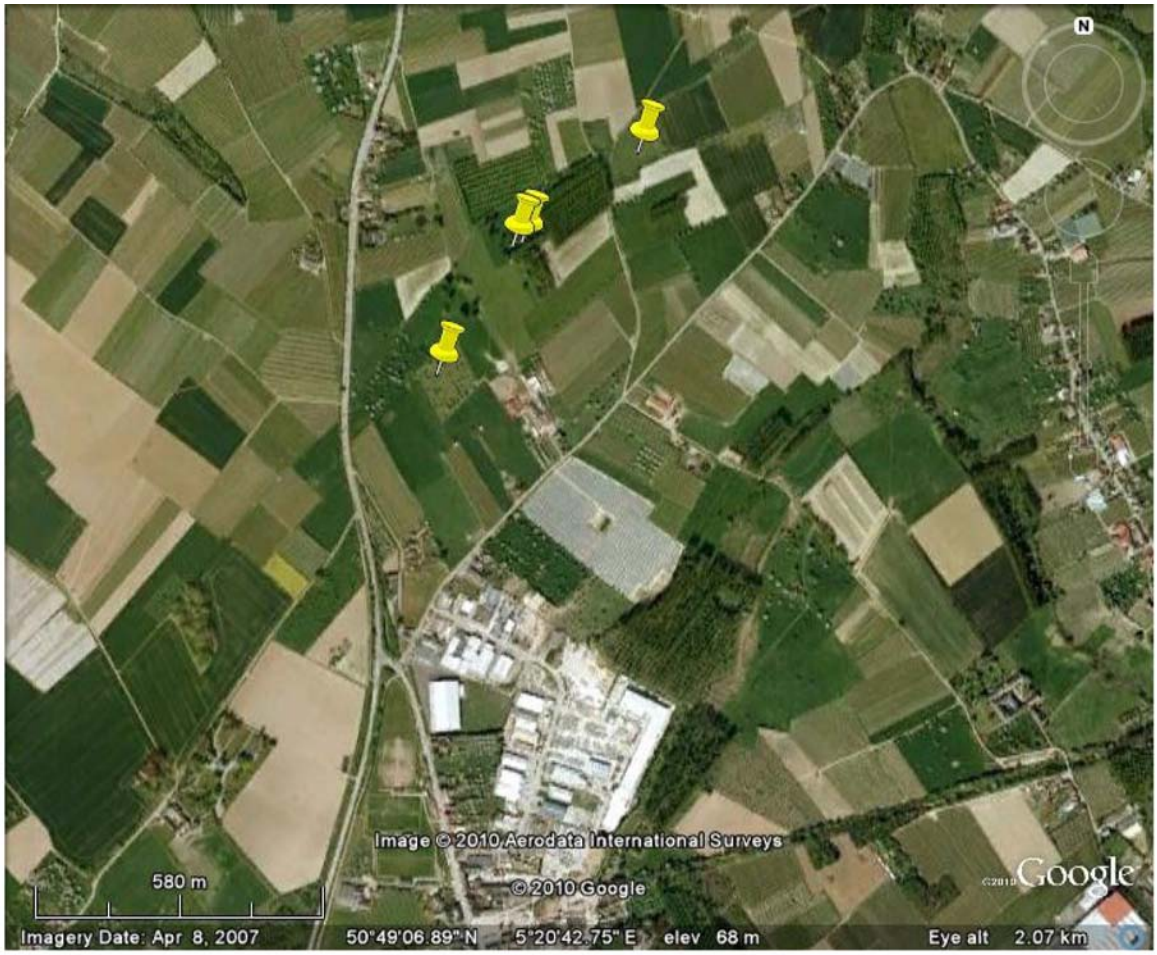


Details from pool cluster Ieper.

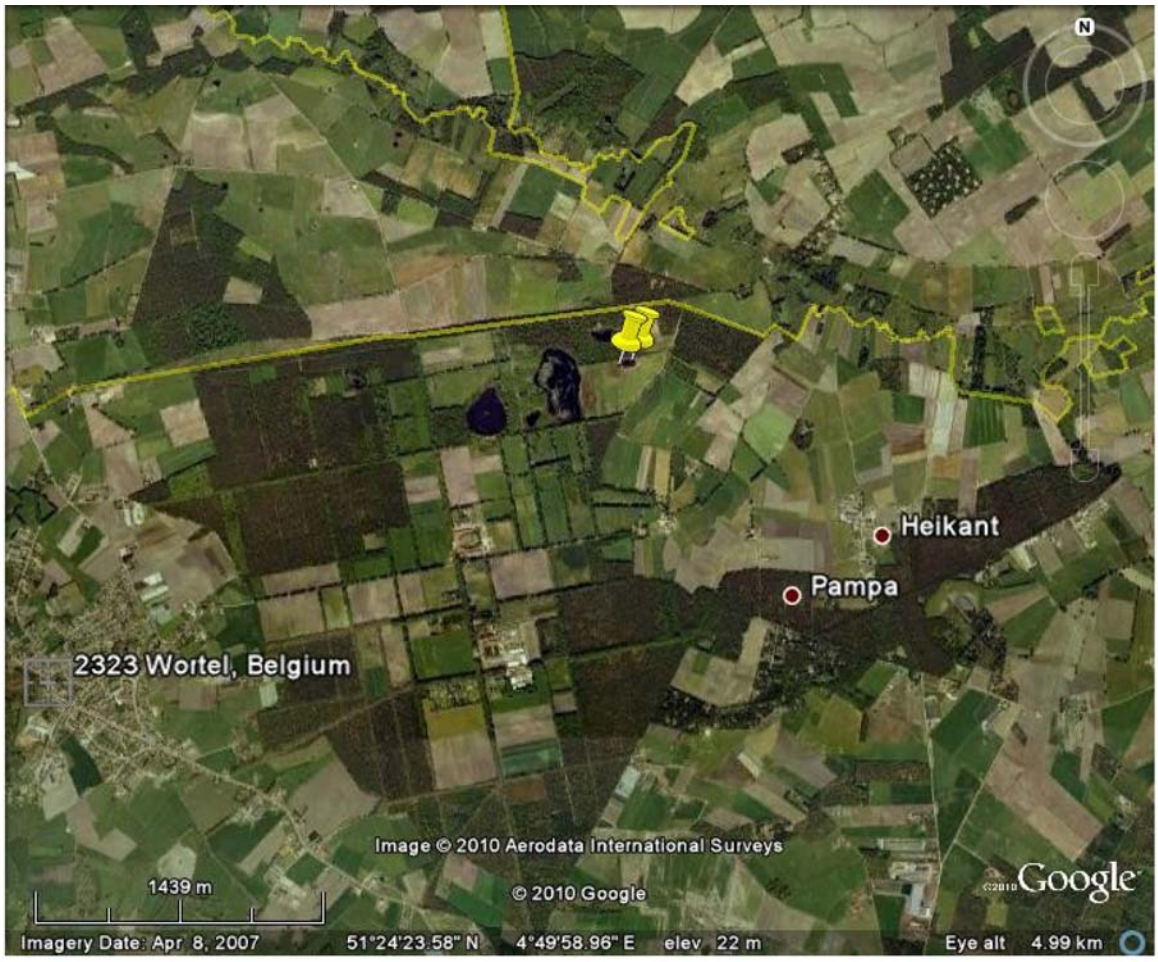


Details from pool cluster De Panne – Westhoek (left hand side) and Oosthoek (right hand side).

Details of pool cluster Steendorp.



Details of pool cluster Borgloon.



Details of pool cluster Wortel.

TABLE 1S

Population statistics for the Crested newt, *Triturus cristatus*, screened with seven microsatellite loci. Microsatellite names are as in KRUPA et al. (2002). N=number of genotyped individuals for each locus. NAL=number of alleles per locus. AR=allelic richness. HE=unbiased expected heterozygosity; HO=unbiased observed heterozygosity; *P* (HW)=probability for observing deviations from Hardy-Weinberg equilibrium. F_{is}=F coefficient. Bold numbers indicate 5% significance.

	N	**NAL**	**AR**	**HE**	**HO**	***P* (HW)**	**F_{IS}**
Ieper							
Tcri13	47	7	2.61	0.4715	0.4225	0.0064	+ 0.098
Tcri27	47	10	4.30	0.8161	0.7872	0.2456	+0.036
Tcri29	47	7	3.76	0.7605	0.6170	0.0263	+0.190
Tcri32	45	6	7.65	0.7221	0.6000	0.0008	+0.171
Tcri35	47	6	3.33	0.6914	0.7021	0.0577	-0.016
Tcri36	46	3	1.91	0.3146	0.3696	0.7545	-0.177
Tcri46	46	7	3.40	0.6935	0.7391	0.1786	-0.067
Tommelen							
Tcri13	30	7	2.90	0.6345	0.6000	0.6278	+0.055
Tcri27	30	8	3.53	0.7124	0.7667	0.4884	-0.078
Tcri29	30	4	2.84	0.6034	0.5333	0.6762	+0.118
Tcri32	25	7	2.89	0.5233	0.6000	0.9164	-0.150
Tcri35	30	6	3.94	0.7667	0.8000	0.6391	-0.044
Tcri36	30	4	2.80	0.6062	0.5667	0.2310	+0.066
Tcri46	29	5	3.28	0.6927	0.8276	0.3078	-0.199
Steendorp							
Tcri13	30	7	2.85	0.5169	0.4667	0.1466	+0.099
Tcri27	30	8	4.38	0.8316	0.8667	0.5819	-0.043
Tcri29	30	5	3.23	0.6994	0.8333	0.4176	-0.195
Tcri32	25	2	1.62	0.2155	0.2400	1.0000	-0.116
Tcri35	28	7	3.90	0.7753	0.7143	0.7975	+0.080
Tcri36	29	3	1.78	0.2492	0.2759	1.0000	-0.109
Tcri46	30	4	3.34	0.7232	0.7000	0.3377	+0.033
De Panne/ Westhoek							
Tcri13	34	7	3.29	0.6354	0.7353	0.7437	-0.143
Tcri27	34	7	3.74	0.7556	0.7647	0.4651	+0.003
Tcri29	33	6	2.56	0.5005	0.6364	0.3558	-0.257
Tcri32	29	5	2.45	0.4084	0.4828	1.0000	-0.165
Tcri35	34	6	3.62	0.7366	0.5882	0.2021	+0.216
Tcri36	34	4	2.77	0.6047	0.5882	0.1273	+0.042
Tcri46	34	4	3.11	0.6838	0.8235	0.0978	-0.190
De Panne/ Oosthoek							
Tcri13	22	5	2.53	0.5176	0.4545	0.3144	+0.145
Tcri27	22	5	3.03	0.5790	0.5455	0.4326	+0.080
Tcri29	22	4	3.32	0.7014	0.6364	0.2163	+0.116
Tcri32	21	4	2.28	0.4161	0.4286	1.0000	-0.006
Tcri35	22	4	3.08	0.6384	0.6818	0.9806	-0.045
Tcri36	22	3	2.09	0.4473	0.5455	0.7305	-0.197
Tcri46	22	2	1.91	0.3967	0.4545	1.0000	-0.123

TABLE 2S

Overview of allele distributions over all populations and microsatellite loci. Names are according to KRUPA et al. (2002). Numbers are lengths of microsatellites in bp. The alleles for each microsatellite are indicated by three digits; the two alleles for each individual by showing twice three digits after each other.

Population	Tcri13	Tcri27	Tcri29	Tcri32	Tcri35	Tcri36	Tcri46
Tommelen	118118	256276	331331	460476	216228	262262	299303
	118124	256288	331335	460464	216228	262262	295303
	124126	276284	327331	0	220224	262262	295299
	126126	276276	327327	460468	228232	262262	295299
	118118	256276	327327	460472	212228	262266	295299
	118124	256276	327327	460464	228228	262266	295299
	126126	256276	327331	460464	224228	262266	299303
	118126	276276	327327	460472	220232	262266	0
	120126	280284	327331	460460	220228	262266	287295
	126128	276280	327331	460460	216220	266266	287295
	126126	256276	327335	0	220224	262266	299303
	126126	256276	327335	460460	216228	262262	295307
	126126	276280	327331	0	228232	262262	295303
	126126	256276	327327	460460	224228	262266	295299
	122126	256276	327335	460460	224232	266266	295303
	118126	260276	327331	460468	224228	266266	295295
	118126	256260	315327	460464	212224	262266	303303
	118126	276284	335335	460460	228228	258262	299307
	126126	256256	327331	460464	216228	262270	295299
	118126	276276	327327	0	220232	262262	295299
	118124	272280	331331	460460	224228	262262	295295
	118124	276288	327331	456464	228228	262270	287295
	118126	276276	327327	460468	228228	258266	295295
	118126	256280	315327	460460	212216	262266	295295
	118126	256276	327327	460460	228228	262266	295303
	118118	256256	315331	460468	212228	258258	295299
	118126	276276	327327	460460	212224	262270	295299
	118130	276280	331331	456460	220224	262262	299303
	118118	252260	327327	0	228228	262270	295299
	126126	256276	315327	452460	212220	258266	287295
Ieper	126126	260280	289327	456464	204224	262266	295303
	126126	248256	327331	460464	212220	0	295299
	126128	248276	319327	452456	212220	262262	291303
	120126	264264	331331	460460	204220	262266	295303
	126126	256256	323327	452456	216220	262266	295295
	118126	252256	319319	456460	212216	258262	295299
	126126	248280	289327	460460	220224	262266	295295
	126126	272276	319331	464464	220220	262266	295299
	126126	256268	323327	456464	212220	262262	299303
	118124	260276	323327	460460	212220	262262	295299
	118124	256280	327335	460460	220220	262262	295299
	126130	256276	327331	460460	220224	262262	295299
	126126	280280	327327	448460	220224	262262	271295
	126126	276280	319335	460468	220220	262266	271295
	126126	256256	323327	452460	220224	262266	295295
	126126	256280	323323	464468	220220	258262	291295
	118126	248280	323327	460460	216220	262262	295303
	126126	272276	323323	448460	212212	262262	295295
	118126	276276	323327	448460	216220	262262	295299
	126126	256256	327327	448456	212220	262262	295295

TABLE 2S

Overview of allele distributions over all populations and microsatellite loci. Names are according to KRUPA et al. (2002). Numbers are lengths of microsatellites in bp. The alleles for each microsatellite are indicated by three digits; the two alleles for each individual by showing twice three digits after each other.

Population	Tcri13	Tcri27	Tcri29	Tcri32	Tcri35	Tcri36	Tcri46
	118126	248280	327327	448448	216216	262262	295299
	116126	260276	323327	460460	212220	262262	295303
	126126	260276	315327	460460	216220	262262	295295
	118124	260276	323323	456464	212220	262262	295299
	126126	256276	315323	460468	212212	262262	291295
	118126	276276	323327	460460	212220	262262	287295
	126126	256276	323327	448460	220220	262262	291295
	126126	256276	323323	456464	212212	262262	295299
	126126	256276	323331	460468	212220	262266	295303
	126126	252268	331331	460460	212220	262262	299299
	118124	260276	319319	460460	220224	262262	299299
	118124	256256	315315	452456	212220	258262	295299
	126126	248280	319323	456464	212220	262262	295299
	126126	260280	319319	460464	212220	262262	299299
	126126	256280	319323	464464	212220	262262	295299
	126126	280284	315323	456464	216220	262262	291299
	126128	264280	319323	460460	212220	262266	295299
	126126	276280	323327	448456	216220	262262	295303
	118126	276280	323323	448448	212216	262262	295299
	118126	248276	323327	460460	212220	262262	295299
	118126	248276	323327	0	208216	262262	295295
	116126	276280	323323	460460	216216	262262	299299
	128128	276284	319319	460464	220220	262266	283295
	126128	256276	319327	460468	220220	262266	283287
	126126	276276	327327	0	220220	262266	0
	126126	256256	327327	464468	204212	262266	283291
	126126	264276	327335	460464	204204	262266	283283
Westhoek	118130	272276	327327	460460	216216	266266	295307
	126128	248256	327335	460460	212220	262262	295299
	126126	260276	327335	460460	216216	262266	299307
	118126	260276	327335	460460	212216	262270	303307
	118126	276280	327327	460460	204216	266270	299307
	122126	256256	327327	456460	212216	262270	299307
	126126	256276	327327	0	216228	266266	299307
	122126	260276	327335	460460	220220	262270	295299
	118126	260260	327331	0	216216	258262	295307
	126126	256260	327327	452460	212220	266270	303307
	122126	260276	327343	448460	216224	266270	295299
	118126	276280	327343	460460	212216	266270	307307
	126126	260260	327343	0	224228	266270	307307
	118122	276276	327327	460460	224228	266266	299307
	126126	256276	327335	456460	216216	266266	295299
	122126	260264	327335	456460	216228	266270	295307
	126126	260260	327335	460464	216216	266266	299307
	122126	256260	327335	452460	212212	266270	299307
	116126	260276	323327	460460	228228	262270	303307
	120126	256256	327327	460460	216228	270270	299307
	122128	260276	327327	460460	220228	262266	295299
	120126	256256	327327	452460	220228	266270	299299
	118126	256276	327335	460460	216220	266266	299307

TABLE 2S

Overview of allele distributions over all populations and microsatellite loci. Names are according to KRUPA et al. (2002). Numbers are lengths of microsatellites in bp. The alleles for each microsatellite are indicated by three digits; the two alleles for each individual by showing twice three digits after each other.

Population	Tcri13	Tcri27	Tcri29	Tcri32	Tcri35	Tcri36	Tcri46
	122126	260280	327335	0	216228	262266	299299
	126130	264272	0	448460	216228	266266	295299
	126126	256260	315335	456460	220220	262270	295299
	118130	256280	327335	456460	220220	266270	303307
	118126	276280	327335	460460	216216	266266	299307
	126126	260276	327335	460464	216216	266266	307307
	118126	260276	327327	460460	228228	262266	295307
	118130	256264	327327	460460	220228	266266	299299
	126130	256256	327327	460464	216228	266266	295299
	126126	256260	327335	452460	212228	266266	295299
	118126	256260	327331	0	228228	262270	295307
Oosthoek	126126	256280	331335	460460	212216	262262	295299
	126126	256260	327331	452460	216216	262266	295299
	118126	276280	327327	452460	220220	262270	295299
	118118	276280	327335	460460	216224	262270	295299
	126126	256256	327335	460460	212220	262270	299299
	118126	256256	335335	460460	216220	262262	299299
	118124	256260	327335	452460	212220	262270	295295
	118126	256256	315327	460460	216220	262270	299299
	116126	256256	315327	0	216216	262270	299299
	126126	256276	315327	460460	212216	270270	295299
	126126	256256	335335	452460	216216	262270	299299
	126126	256280	327331	460460	216220	262262	295299
	118126	260260	327327	460464	216224	262262	295299
	126126	256276	331331	460460	216216	262262	295299
	118124	256256	315315	460460	212216	262262	295299
	118126	256256	315327	460460	216216	262262	299299
	126126	252256	327327	452460	216220	262270	299299
	126126	260280	315327	452452	216224	262270	299299
	126126	256256	331335	456460	220224	262262	299299
	118126	256276	335335	460464	216220	262270	299299
	126128	256276	327335	452460	220224	262262	299299
	118118	256256	327335	460460	216216	262270	295299
Steendorp	126126	276284	323327	460460	208216	262262	287299
	126126	256260	327327	460460	212212	262266	295299
	126126	256260	293327	0	212224	262262	291299
	126128	256256	331331	0	200212	262262	291299
	126126	256260	327331	460460	216224	262262	291299
	126128	260276	293327	460460	224228	262262	291299
	126126	256276	293327	460460	208208	262262	295299
	118124	276280	331331	460460	212212	262262	287295
	126126	248252	327331	460460	212212	262266	291295
	126126	280280	327331	460460	212224	262262	299299
	126126	272276	293327	460460	212216	262270	291295
	126126	272276	327331	460460	216224	262266	295299
	120126	280280	327331	460460	208208	262262	287299
	126126	276280	331335	460464	0	262262	299299
	124126	260280	293331	460460	200224	262262	295299
	126130	276280	293331	460460	224228	262266	295299
	128128	260280	331331	0	208224	262262	287287

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Population	Tcri13	Tcri27	Tcri29	Tcri32	Tcri35	Tcri36	Tcri46
	126126	256280	327331	460464	212216	262262	295295
	126128	248280	331335	460460	208212	262262	287287
	126128	248276	331335	460460	208224	262262	295299
	126128	280280	327335	460464	208212	262262	287291
	126126	256284	293327	460460	212212	262262	299299
	118124	260276	327331	460460	212224	262262	287299
	118126	260280	327331	460464	212224	262262	287287
	118122	256276	327331	0	212212	262262	295299
	126126	248276	327331	460460	224224	262262	295295
	126126	252256	327335	460460	0	262266	295299
	118126	276280	293327	460464	212220	262270	287291
	126130	260276	327327	460464	220224	262266	295299
	126126	256272	293327	0	200224	0	299299
Borgloon	118126	256260	327327	460464	208220	262266	295299
	126126	256256	315327	460464	212220	270270	291299
	118126	256276	327331	464468	208208	262266	287295
	118126	248284	331335	460460	224228	262262	295299
	118126	260280	327327	460464	208228	270270	299299
Wortel	126126	256276	327331	464472	224224	266270	295299
	132132	256276	327335	460460	224228	262262	295295