

Supplementary Table S1. Fragments of the serum albumin-intron 1 (SAI-1), the proportion of a species' genome based on microsatellites, and morphometric indices in water frog hybrids. Fragments ~720, ~840 and ~1200 bp are specific for *Pelophylax kurtmuelleri*, *P. epeiroticus* and *P. shqipericus*, respectively. The proportion of a species' genome was estimated using the program Structure with fixed K=2. A specimen MIK_3277 was identified as a hybrid only in a Bayesian analysis, not in DAPC.

Individual	Locality	SAI-1	Proportion of <i>P. shqipericus</i> genome (%)	Proportion of <i>P. kurtmuelleri</i> genome (%)	Proportion of <i>P. epeiroticus</i> genome (%)	L/F	L/T	L/DP	L/ CINT	F/T	T/ CINT	DP/ CINT
MIK_3160	Divjakë - Karavastë, Albania	~720 ~1200	69.9	30.1	–	2.18	1.91	7.40	16.29	0.87	8.54	2.20
MIK_3233	Ksamil, Albania	~720 ~840	–	75.0	25.0	2.35	2.03	8.02	20.29	0.86	10.02	2.53
MIK_3277	Igoumenitsa, Greece	~720	–	77.5	22.5	1.96	1.77	7.15	18.68	0.90	10.58	2.61
MIK_3309	Ioannina, Greece	~720 ~840	–	57.5	42.5	1.95	1.84	6.29	18.34	0.94	9.95	2.92

Supplementary Table S2. The proportion of an individual's genome (Q) originating in one of the inferred clusters, corresponding to the species *Pelophylax shqipericus*, *P. kurtmuelleri* and *P. epeiroticus*, calculated using the program Structure 2.3.4. In the first analysis with fixed K=3 all species were analyzed together. The analysis was not carried out for individuals with missing genotypes in most loci (na). In a subsequent analysis with slightly different loci, sympatrically living species pairs *P. shqipericus* and *P. kurtmuelleri* (the first dataset), and *P. epeiroticus* and *P. kurtmuelleri* (the second dataset) were analyzed. The K was fixed to 2 in both datasets. If two values are given in a cell, it means that the individual was subjected to two analyses (in the first and the second dataset).

ID	Locality, Country	Q (K = 3)			Q (K = 2)		
		<i>P. shqipericus</i>	<i>P. kurtmuelleri</i>	<i>P. epeiroticus</i>	<i>P. shqipericus</i>	<i>P. kurtmuelleri</i>	<i>P. epeiroticus</i>
JAB_5427	Virpazar, Montenegro	na	na	na	0.986	0.014	–
JAB_5454	Virpazar, Montenegro	na	na	na	0.989	0.011	–
JAB_5561	Nishaj, Albania	na	na	na	0.994	0.006	–
JAB_5562	Nishaj, Albania	na	na	na	0.994	0.006	–
JAB_5563	Nishaj, Albania	0.993	0.003	0.004	0.995	0.005	–
JAB_5564	Nishaj, Albania	na	na	na	0.994	0.006	–
JAB_5565	Nishaj, Albania	na	na	na	0.995	0.005	–
JAB_5566	Nishaj, Albania	na	na	na	0.996	0.004	–
JAB_5567	Nishaj, Albania	na	na	na	0.996	0.004	–
JAB_5568	Nishaj, Albania	0.992	0.003	0.005	0.995	0.005	–
JAB_5569	Nishaj, Albania	0.992	0.003	0.005	0.994	0.006	–
JAB_5570	Nishaj, Albania	0.993	0.003	0.004	0.994	0.006	–
JAB_5571	Nishaj, Albania	0.994	0.003	0.004	0.994	0.006	–
JAB_5572	Nishaj, Albania	0.992	0.003	0.005	0.992	0.008	–
JAB_5573	Nishaj, Albania	0.992	0.003	0.005	0.994	0.006	–
JAB_5574	Nishaj, Albania	0.992	0.003	0.005	0.99	0.01	–
JAB_5575	Nishaj, Albania	0.992	0.003	0.005	0.994	0.006	–
JAB_5576	Nishaj, Albania	0.993	0.003	0.004	0.994	0.006	–
JAB_5577	Nishaj, Albania	0.992	0.003	0.005	0.994	0.006	–
JAB_5579	Nishaj, Albania	0.992	0.003	0.005	0.995	0.005	–
JAB_5580	Nishaj, Albania	na	na	na	0.986	0.014	–
JAB_5581	Nishaj, Albania	na	na	na	0.994	0.006	–
JAB_5582	Nishaj, Albania	na	na	na	0.996	0.004	–
JAB_5583	Nishaj, Albania	na	na	na	0.998	0.002	–
JAB_5584	Nishaj, Albania	na	na	na	0.997	0.003	–
JAB_5585	Nishaj, Albania	0.981	0.005	0.015	0.989	0.011	–
JAB_5586	Nishaj, Albania	0.992	0.003	0.005	0.989	0.011	–
JAB_5587	Nishaj, Albania	0.992	0.003	0.005	0.991	0.009	–
JAB_5591	Nishaj, Albania	na	na	na	0.998	0.002	–
JAB_5592	Nishaj, Albania	na	na	na	0.997	0.003	–
JAB_5593	Nishaj, Albania	na	na	na	0.997	0.003	–
JAB_5594	Nishaj, Albania	na	na	na	0.996	0.004	–
JAB_5595	Nishaj, Albania	na	na	na	0.983	0.017	–
JAB_5596	Nishaj, Albania	na	na	na	0.997	0.003	–
JAB_5597	Nishaj, Albania	na	na	na	0.997	0.003	–
JAB_5598	Nishaj, Albania	na	na	na	0.994	0.006	–
JAB_5599	Nishaj, Albania	na	na	na	0.991	0.009	–
JAB_5600	Nishaj, Albania	na	na	na	0.997	0.003	–
JAB_5601	Nishaj, Albania	na	na	na	0.998	0.002	–
JAB_5602	Nishaj, Albania	0.98	0.005	0.015	0.987	0.013	–
JAB_5603	Nishaj, Albania	0.993	0.003	0.004	0.987	0.013	–
JAB_5604	Nishaj, Albania	0.991	0.003	0.005	0.991	0.009	–
JAB_5605	Nishaj, Albania	0.991	0.003	0.005	0.991	0.009	–
JAB_5606	Nishaj, Albania	0.993	0.003	0.005	0.991	0.009	–

ID	Locality, Country	Q (K = 3)			Q (K = 2)		
		<i>P. shqipericus</i>	<i>P. kurtmuelleri</i>	<i>P. epeiroticus</i>	<i>P. shqipericus</i>	<i>P. kurtmuelleri</i>	<i>P. epeiroticus</i>
JAB_5607	Nishaj, Albania	0.991	0.004	0.005	0.99	0.01	–
JAB_5608	Nishaj, Albania	0.992	0.003	0.005	0.989	0.011	–
JAB_5611	Nishaj, Albania	0.991	0.004	0.005	0.99	0.01	–
JAB_5612	Nishaj, Albania	0.992	0.003	0.005	0.991	0.009	–
JAB_5622	Mbrostar, Albania	0.034	0.935	0.031	0.009	0.991/0.932	0.068
JAB_5626	Mbrostar, Albania	0.003	0.994	0.003	0.021	0.979/0.995	0.005
JAB_5627	Mbrostar, Albania	0.005	0.991	0.004	0.003	0.997/0.990	0.01
JAB_5628	Mbrostar, Albania	0.004	0.993	0.003	0.005	0.995/0.996	0.004
JAB_5630	Mbrostar, Albania	0.003	0.993	0.003	0.004	0.996/0.994	0.006
JAB_5636	Poçem, Albania	0.003	0.947	0.05	0.013	0.987/0.913	0.087
JAB_5637	Poçem, Albania	0.004	0.993	0.003	0.003	0.997/0.995	0.005
JAB_5638	Poçem, Albania	0.003	0.993	0.003	0.006	0.994/0.995	0.005
JAB_5639	Poçem, Albania	0.003	0.994	0.003	0.012	0.988/0.995	0.005
JAB_5640	Poçem, Albania	0.003	0.994	0.003	0.006	0.994/0.996	0.004
JAB_5641	Poçem, Albania	0.003	0.994	0.003	0.004	0.996/0.996	0.004
JAB_5642	Poçem, Albania	0.003	0.994	0.003	0.005	0.995/0.994	0.006
JAB_5643	Poçem, Albania	0.003	0.994	0.003	0.006	0.994/0.994	0.006
JAB_5644	Poçem, Albania	0.003	0.994	0.003	0.004	0.996/0.993	0.007
JAB_5645	Poçem, Albania	0.003	0.994	0.004	0.003	0.997/0.993	0.007
JAB_5646	Poçem, Albania	0.003	0.994	0.003	0.004	0.996/0.995	0.005
JAB_5647	Poçem, Albania	0.003	0.993	0.003	0.003	0.997/0.995	0.005
JAB_5648	Poçem, Albania	0.003	0.994	0.004	0.094	0.906/0.992	0.008
JAB_5649	Poçem, Albania	0.004	0.994	0.003	0.004	0.996/0.996	0.004
JAB_5650	Poçem, Albania	0.003	0.995	0.003	0.004	0.996/0.996	0.004
JAB_5651	Poçem, Albania	0.004	0.992	0.004	0.005	0.995/0.994	0.006
JAB_5652	Poçem, Albania	0.003	0.994	0.003	0.011	0.989/0.996	0.004
JAB_5653	Poçem, Albania	0.008	0.989	0.004	0.006	0.994/0.995	0.005
JAB_5654	Poçem, Albania	0.025	0.941	0.035	0.026	0.974	–
JAB_5655	Poçem, Albania	0.003	0.994	0.003	0.005	0.995/0.995	0.005
JAB_5656	Poçem, Albania	0.003	0.994	0.003	0.003	0.997/0.995	0.005
JAB_5657	Poçem, Albania	0.003	0.994	0.003	0.004	0.996/0.995	0.005
JAB_5658	Poçem, Albania	0.003	0.994	0.004	0.003	0.997/0.994	0.006
JAB_5659	Poçem, Albania	0.004	0.992	0.004	0.004	0.996/0.989	0.011
JAB_5660	Poçem, Albania	0.003	0.994	0.004	0.003	0.997/0.993	0.007
JAB_5661	Poçem, Albania	0.003	0.994	0.004	0.012	0.988/0.994	0.006
JAB_5662	Poçem, Albania	0.007	0.99	0.003	0.003	0.997/0.995	0.005
JAB_5663	Poçem, Albania	0.003	0.994	0.003	0.005	0.995/0.996	0.004
JAB_5664	Poçem, Albania	0.003	0.995	0.003	0.004	0.996/0.996	0.004
JAB_5665	Poçem, Albania	0.006	0.99	0.004	0.004	0.996/0.996	0.004
JAB_5666	Poçem, Albania	0.003	0.993	0.003	0.005	0.995/0.995	0.005
JAB_5667	Poçem, Albania	0.004	0.991	0.005	0.023	0.977/0.990	0.01
JAB_5685	Zvërnec, Albania	0.005	0.992	0.003	–	0.995	0.005
JAB_5688	Zvërnec, Albania	na	na	na	0.997	0.003	–
JAB_5689	Zvërnec, Albania	na	na	na	0.997	0.003	–
JAB_5690	Zvërnec, Albania	na	na	na	0.993	0.007	–
JAB_5703	Dushnik, Albania	0.004	0.993	0.003	0.004	0.996/0.995	0.005
JAB_5704	Dushnik, Albania	0.009	0.987	0.004	0.004	0.996/0.986	0.014
JAB_5713	Berat, Albania	0.003	0.994	0.004	0.003	0.997/0.993	0.007
MIK_3158	NP Divjakë-Karavastë, Albania	0.977	0.007	0.016	0.99	0.01	–

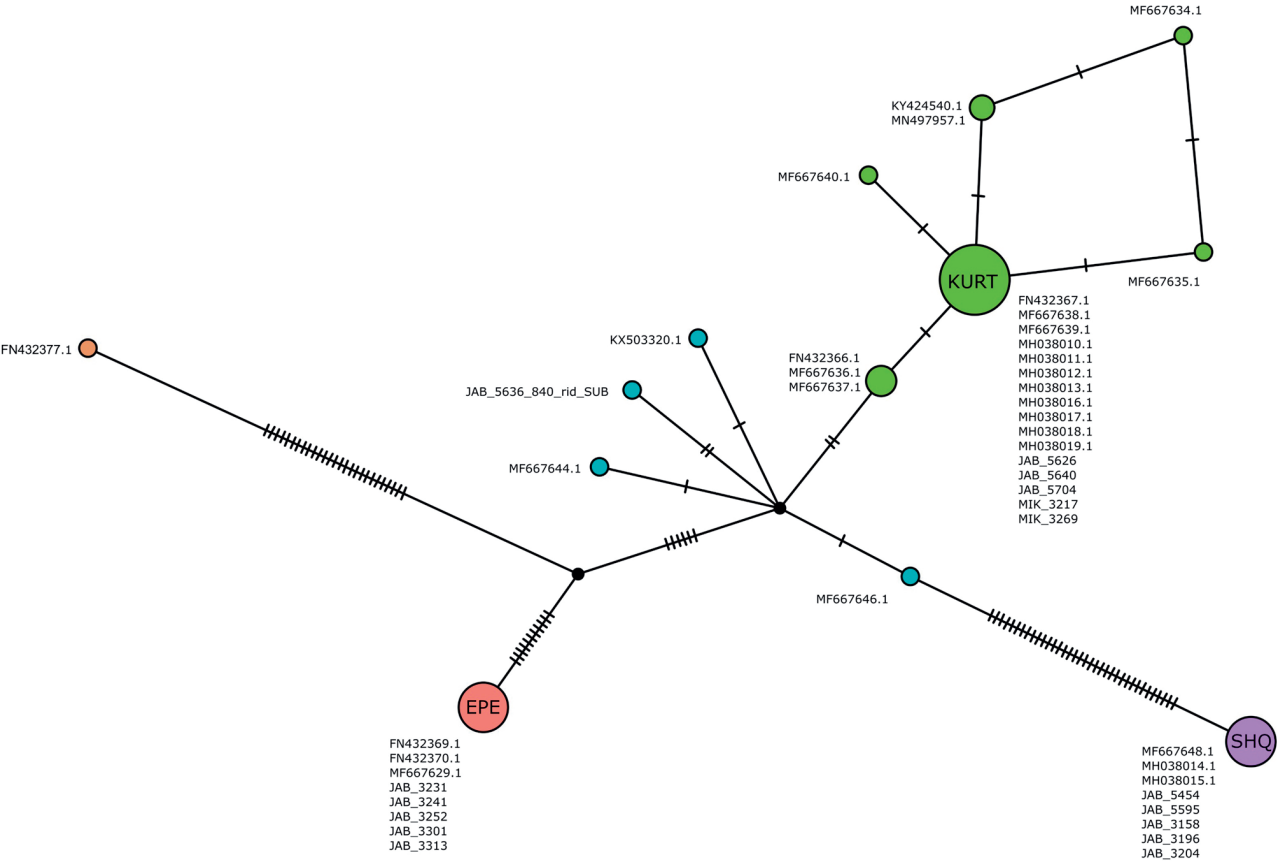
ID	Locality, Country	Q (K = 3)			Q (K = 2)		
		<i>P. shqipericus</i>	<i>P. kurtmuelleri</i>	<i>P. epeiroticus</i>	<i>P. shqipericus</i>	<i>P. kurtmuelleri</i>	<i>P. epeiroticus</i>
MIK_3159	NP Divjakë-Karavastë, Albania	0.992	0.003	0.005	0.994	0.006	–
MIK_3160	NP Divjakë-Karavastë, Albania	0.864	0.131	0.005	0.699	0.301	–
MIK_3161	NP Divjakë-Karavastë, Albania	0.007	0.989	0.004	–	0.996	0.004
MIK_3162	NP Divjakë-Karavastë, Albania	0.004	0.993	0.004	–	0.994	0.006
MIK_3166	NP Divjakë-Karavastë, Albania	0.135	0.711	0.154	0.009	0.991/0.994	0.006
MIK_3167	NP Divjakë-Karavastë, Albania	0.007	0.987	0.006	–	0.994	0.006
MIK_3168	NP Divjakë-Karavastë, Albania	0.014	0.98	0.005	–	0.991	0.009
MIK_3169	NP Divjakë-Karavastë, Albania	0.01	0.986	0.004	0.015	0.985/0.996	0.004
MIK_3170	NP Divjakë-Karavastë, Albania	0.005	0.991	0.004	–	0.996	0.004
MIK_3171	NP Divjakë-Karavastë, Albania	0.003	0.994	0.003	–	0.994	0.006
MIK_3172	NP Divjakë-Karavastë, Albania	0.007	0.988	0.005	0.014	0.986/0.991	0.009
MIK_3173	NP Divjakë-Karavastë, Albania	0.004	0.993	0.003	–	0.996	0.004
MIK_3174	NP Divjakë-Karavastë, Albania	0.004	0.991	0.004	–	0.995	0.005
MIK_3175	NP Divjakë-Karavastë, Albania	0.003	0.994	0.003	–	0.995	0.005
MIK_3176	NP Divjakë-Karavastë, Albania	0.004	0.991	0.005	–	0.995	0.005
MIK_3177	NP Divjakë-Karavastë, Albania	0.008	0.987	0.005	0.015	0.985/0.994	0.006
MIK_3178	NP Divjakë-Karavastë, Albania	0.008	0.988	0.004	–	0.995	0.005
MIK_3179	NP Divjakë-Karavastë, Albania	0.003	0.993	0.004	–	0.994	0.006
MIK_3187	NP Divjakë-Karavastë, Albania	0.003	0.994	0.003	0.008	0.992/0.995	0.005
MIK_3192	NP Divjakë-Karavastë, Albania	0.992	0.003	0.005	0.991	0.009	–
MIK_3193	NP Divjakë-Karavastë, Albania	0.992	0.003	0.005	0.993	0.007	–
MIK_3194	NP Divjakë-Karavastë, Albania	0.992	0.003	0.005	0.991	0.009	–
MIK_3195	NP Divjakë-Karavastë, Albania	0.977	0.008	0.015	0.977	0.023	–
MIK_3196	NP Divjakë-Karavastë, Albania	0.992	0.003	0.005	0.994	0.006	–
MIK_3197	NP Divjakë-Karavastë, Albania	0.004	0.991	0.005	–	0.994	0.006
MIK_3198	NP Divjakë-Karavastë, Albania	0.003	0.994	0.003	–	0.996	0.004
MIK_3199	NP Divjakë-Karavastë, Albania	0.006	0.989	0.005	–	0.994	0.006

ID	Locality, Country	Q (K = 3)			Q (K = 2)		
		<i>P. shqipericus</i>	<i>P. kurtmuelleri</i>	<i>P. epeiroticus</i>	<i>P. shqipericus</i>	<i>P. kurtmuelleri</i>	<i>P. epeiroticus</i>
MIK_3200	NP Divjakë-Karavastë, Albania	0.004	0.993	0.003	–	0.995	0.005
MIK_3202	NP Divjakë-Karavastë, Albania	0.992	0.003	0.005	0.986	0.014	–
MIK_3203	NP Divjakë-Karavastë, Albania	0.993	0.003	0.004	0.991	0.009	–
MIK_3204	NP Divjakë-Karavastë, Albania	0.992	0.003	0.005	0.992	0.008	–
MIK_3206	Qazim Pali, Albania	0.004	0.991	0.005	–	0.995	0.005
MIK_3207	Qazim Pali, Albania	0.003	0.994	0.003	–	0.996	0.004
MIK_3208	Qazim Pali, Albania	0.004	0.992	0.004	0.006	0.994/0.995	0.005
MIK_3209	Qazim Pali, Albania	0.003	0.994	0.003	–	0.996	0.004
MIK_3210	Qazim Pali, Albania	0.004	0.992	0.004	–	0.996	0.004
MIK_3211	Qazim Pali, Albania	0.015	0.981	0.004	–	0.996	0.004
MIK_3212	Qazim Pali, Albania	0.004	0.991	0.005	–	0.994	0.006
MIK_3213	Qazim Pali, Albania	0.003	0.994	0.003	0.006	0.994/0.995	0.005
MIK_3214	Qazim Pali, Albania	0.004	0.99	0.006	–	0.994	0.006
MIK_3215	Qazim Pali, Albania	0.004	0.992	0.004	–	0.993	0.007
MIK_3216	Qazim Pali, Albania	0.004	0.992	0.004	–	0.996	0.004
MIK_3217	Qazim Pali, Albania	0.005	0.991	0.004	–	0.995	0.005
MIK_3218	Qazim Pali, Albania	0.004	0.992	0.004	0.008	0.992/0.996	0.004
MIK_3219	Qazim Pali, Albania	0.004	0.992	0.004	–	0.995	0.005
MIK_3220	Qazim Pali, Albania	0.011	0.986	0.004	–	0.996	0.004
MIK_3221	Qazim Pali, Albania	0.007	0.988	0.005	–	0.983	0.017
MIK_3222	Qazim Pali, Albania	0.005	0.991	0.004	–	0.995	0.005
MIK_3223	Qazim Pali, Albania	0.004	0.992	0.004	0.006	0.994/0.996	0.004
MIK_3224	Qazim Pali, Albania	0.003	0.994	0.003	–	0.994	0.006
MIK_3225	Qazim Pali, Albania	0.003	0.994	0.003	–	0.995	0.005
MIK_3226	Qazim Pali, Albania	0.005	0.991	0.004	–	0.995	0.005
MIK_3227	Qazim Pali, Albania	0.003	0.994	0.003	0.009	0.991/0.995	0.005
MIK_3229	Qazim Pali, Albania	0.004	0.992	0.004	–	0.995	0.005
MIK_3230	Qazim Pali, Albania	0.006	0.99	0.004	–	0.994	0.006
MIK_3231	Ksamil, Albania	0.005	0.003	0.992	–	0.006	0.994
MIK_3232	Ksamil, Albania	0.003	0.994	0.003	–	0.995	0.005
MIK_3233	Ksamil, Albania	0.015	0.758	0.227	–	0.75	0.25
MIK_3237	Xare, Albania	0.004	0.992	0.004	–	0.995	0.005
MIK_3238	Xare, Albania	0.009	0.986	0.005	–	0.992	0.008
MIK_3239	Xare, Albania	0.003	0.993	0.004	–	0.988	0.012
MIK_3241	Xare, Albania	0.004	0.008	0.988	–	0.009	0.991
MIK_3248	Igoumenitsa, Greece	0.005	0.003	0.993	–	0.004	0.996
MIK_3250	Igoumenitsa, Greece	0.005	0.003	0.992	–	0.006	0.994
MIK_3251	Igoumenitsa, Greece	0.007	0.987	0.006	–	0.993	0.007
MIK_3252	Igoumenitsa, Greece	0.007	0.003	0.989	–	0.008	0.992
MIK_3253	Igoumenitsa, Greece	0.009	0.985	0.006	–	0.991	0.009
MIK_3254	Igoumenitsa, Greece	0.007	0.006	0.988	–	0.013	0.987
MIK_3255	Igoumenitsa, Greece	0.005	0.989	0.007	–	0.966	0.034
MIK_3256	Igoumenitsa, Greece	0.005	0.004	0.991	–	0.007	0.993
MIK_3257	Igoumenitsa, Greece	0.005	0.989	0.006	–	0.987	0.013
MIK_3259	Igoumenitsa, Greece	0.005	0.006	0.989	–	0.014	0.986
MIK_3260	Igoumenitsa, Greece	0.005	0.003	0.992	–	0.004	0.996
MIK_3261	Igoumenitsa, Greece	0.005	0.004	0.99	–	0.009	0.991

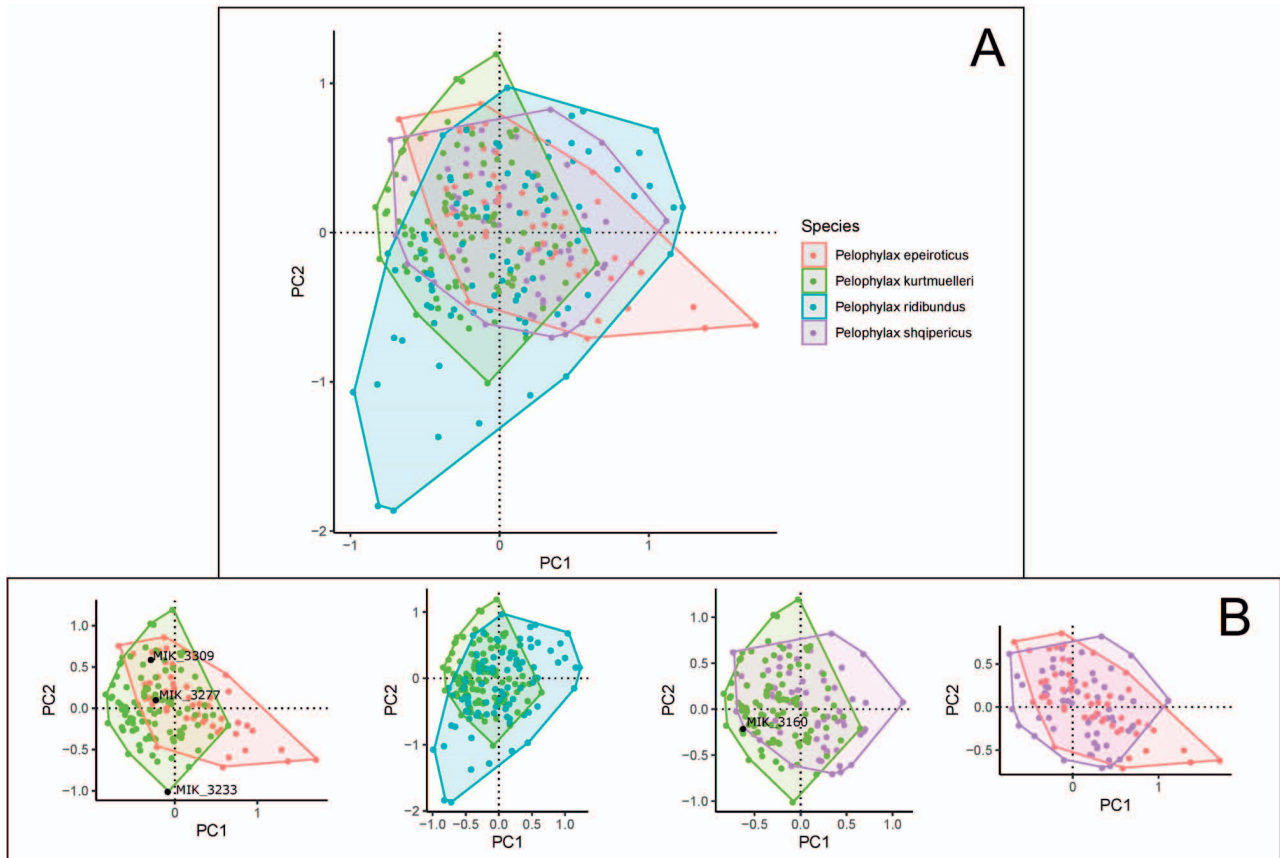
ID	Locality, Country	Q (K = 3)			Q (K = 2)		
		<i>P. shqipericus</i>	<i>P. kurtmuelleri</i>	<i>P. epeiroticus</i>	<i>P. shqipericus</i>	<i>P. kurtmuelleri</i>	<i>P. epeiroticus</i>
MIK_3262	Igoumenitsa, Greece	0.005	0.004	0.991	–	0.007	0.993
MIK_3263	Igoumenitsa, Greece	0.023	0.006	0.971	–	0.014	0.986
MIK_3264	Igoumenitsa, Greece	0.004	0.006	0.99	–	0.006	0.994
MIK_3265	Igoumenitsa, Greece	0.004	0.991	0.005	–	0.994	0.006
MIK_3266	Igoumenitsa, Greece	0.005	0.005	0.99	–	0.009	0.991
MIK_3267	Igoumenitsa, Greece	0.005	0.99	0.005	–	0.994	0.006
MIK_3268	Igoumenitsa, Greece	0.008	0.01	0.982	–	0.019	0.981
MIK_3269	Igoumenitsa, Greece	0.007	0.989	0.004	–	0.996	0.004
MIK_3270	Igoumenitsa, Greece	0.005	0.005	0.99	–	0.009	0.991
MIK_3272	Igoumenitsa, Greece	0.005	0.004	0.991	–	0.006	0.994
MIK_3273	Igoumenitsa, Greece	0.005	0.003	0.992	–	0.006	0.994
MIK_3274	Igoumenitsa, Greece	0.005	0.003	0.992	–	0.005	0.995
MIK_3276	Igoumenitsa, Greece	0.005	0.003	0.992	–	0.004	0.996
MIK_3277	Igoumenitsa, Greece	0.011	0.986	0.004	–	0.775	0.225
MIK_3279	Igoumenitsa, Greece	0.005	0.003	0.992	–	0.004	0.996
MIK_3280	Igoumenitsa, Greece	0.005	0.003	0.992	–	0.006	0.994
MIK_3284	Ioannina, Greece	0.005	0.003	0.992	–	0.004	0.996
MIK_3285	Ioannina, Greece	0.004	0.007	0.989	–	0.008	0.992
MIK_3286	Ioannina, Greece	0.005	0.003	0.992	–	0.005	0.995
MIK_3287	Ioannina, Greece	0.022	0.005	0.973	–	0.009	0.991
MIK_3288	Ioannina, Greece	0.005	0.003	0.993	–	0.004	0.996
MIK_3289	Ioannina, Greece	0.005	0.004	0.991	–	0.007	0.993
MIK_3290	Ioannina, Greece	0.005	0.003	0.993	–	0.004	0.996
MIK_3291	Ioannina, Greece	0.005	0.003	0.993	–	0.004	0.996
MIK_3292	Ioannina, Greece	0.004	0.004	0.992	–	0.004	0.996
MIK_3293	Ioannina, Greece	0.008	0.005	0.987	–	0.005	0.995
MIK_3294	Ioannina, Greece	0.005	0.003	0.992	–	0.004	0.996
MIK_3295	Ioannina, Greece	0.005	0.003	0.992	–	0.004	0.996
MIK_3296	Ioannina, Greece	0.005	0.003	0.992	–	0.004	0.996
MIK_3297	Ioannina, Greece	0.023	0.008	0.969	–	0.02	0.98
MIK_3298	Ioannina, Greece	0.005	0.006	0.989	–	0.012	0.988
MIK_3299	Ioannina, Greece	0.005	0.003	0.993	–	0.004	0.996
MIK_3300	Ioannina, Greece	0.004	0.011	0.985	–	0.011	0.989
MIK_3301	Ioannina, Greece	0.005	0.003	0.993	–	0.004	0.996
MIK_3302	Ioannina, Greece	0.005	0.003	0.992	–	0.004	0.996
MIK_3303	Ioannina, Greece	0.006	0.133	0.861	–	0.022	0.978
MIK_3304	Ioannina, Greece	0.012	0.008	0.98	–	0.017	0.983
MIK_3305	Ioannina, Greece	0.005	0.003	0.992	–	0.005	0.995
MIK_3306	Ioannina, Greece	0.005	0.003	0.991	–	0.006	0.994
MIK_3307	Ioannina, Greece	0.004	0.006	0.991	–	0.006	0.994
MIK_3308	Ioannina, Greece	0.004	0.004	0.992	–	0.005	0.995
MIK_3309	Ioannina, Greece	0.015	0.276	0.709	–	0.575	0.425
MIK_3310	Ioannina, Greece	0.005	0.003	0.992	–	0.006	0.994
MIK_3311	Ioannina, Greece	0.005	0.003	0.992	–	0.004	0.996
MIK_3312	Ioannina, Greece	0.005	0.003	0.992	–	0.005	0.995
MIK_3313	Ioannina, Greece	0.005	0.003	0.992	–	0.004	0.996
MIK_3314	Ioannina, Greece	0.006	0.989	0.005	–	0.99	0.01
MIK_3315	Ioannina, Greece	0.006	0.988	0.006	–	0.993	0.007
MIK_3316	Ioannina, Greece	0.009	0.987	0.005	–	0.995	0.005

Supplementary Table S3. Summary statistics for PCA and PCA loadings for retained principal components of DAPC.

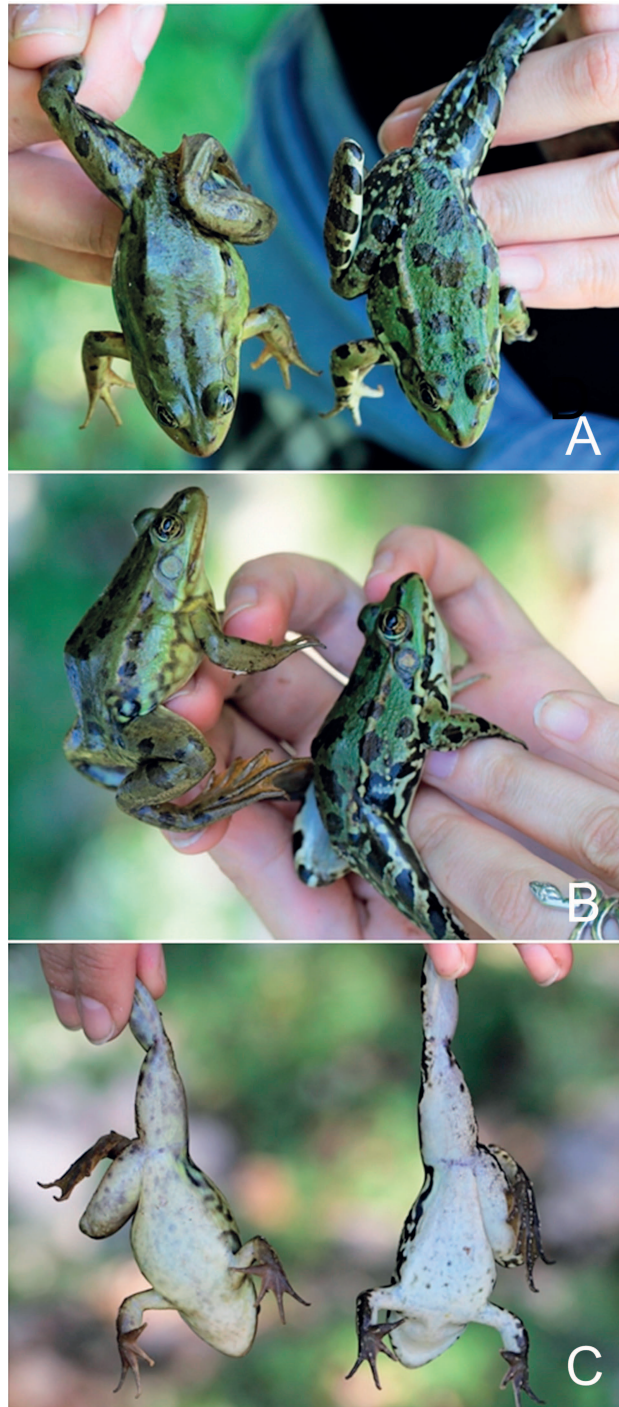
	PC1	PC2	PC3	PC4	PC5	PC6
Eigenvalues	12.7240	0.3733	0.2940	0.004	0.0027	2.9 e ⁻⁴
Cumulative proportion	0.9496	0.97749	0.9994	0.9997	0.9999	1.0000
Explained variance	0.9496	0.0278	0.0219	0.0003	0.0002	2.23 e ⁻⁵
PCA Loadings:						
L/T	-0.0061	-0.0955	0.1639			
L/CINT	-0.8867	-0.2964	0.3088			
DP/CINT	-0.1584	0.2786	0.2267			
T/CINT	-0.4286	0.3797	-0.7954			
L/F	-0.0059	-0.0677	0.0895			
F/T	-0.0002	-0.0158	-0.0396			
L/DP	0.0691	-0.8223	-0.4290			



Supplementary Figure S1. Nuclear allele network of *Pelophylax* water frogs based on the 597 bp long fragment of SAI-1. Circle sizes are proportional to the number of individuals. Small black circles indicate missing or hypothetical alleles. Brown – *P. perezi* (outgroup), orange – *P. epeiroticus*, purple – *P. shqipericus*, blue – *P. ridibundus*, green – *P. kurtmuelleri*.



Supplementary Figure S2. PCA ordination plot displaying different clusters of water frog species (A) and species pairs (B, C, D). The position of hybrid individuals is also displayed.



Supplementary Figure S3. Morphological comparison of the sympatric living species *Pelophylax epeiroticus* (each left) and *P. kurtmuelleri* from Ioannina Lake, Greece, from dorsal (A), lateral (B) and ventral (C) view.