Supplementary Material to:

Geographic nestedness of *Lyciasalamandra billae* (Amphibia: Salamandridae) populations within *L. antalyana* and description of a new subspecies

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Supplementary Table 1. Some mensural characters (in mm) and ratios of the *Lyciasalamandra billae eikeae* ssp. n. specimens. 1: Values in raw data; 2: Values in PERCRA index; N: number of specimens; SD: Standard deviation; SE: Standard error of mean. The other abbreviations of the characters are given in Material and Method.

Characters		♂						♀						Juveniles						Sum Adults (♂+♀)					
		N	Min.	Max.	Mean	SD	SE	N	Min.	Max.	Mean	SD	SE	N	Min.	Max.	Mean	SD	SE	N	Min.	Max.	Mean	SD	SE
TBL	1	3	112.00	125.00	118.33	6.51	3.756	14	88.00	139.00	112.79	17.58	4.699	4	75.00	76.00	75.50	0.58	0.289	17	88.00	139.00	113.76	16.16	3.920
	2	3	173.61	190.32	181.53	8.39	4.844	14	185.71	197.83	190.88	3.13	0.836	4	170.45	180.95	176.68	4.49	2.247	17	173.61	197.83	189.23	5.50	1.334
RA	1	3	62.00	72.00	65.33	5.77	3.333	14	46.00	74.00	59.14	9.53	2.546	4	42.00	44.00	42.75	0.96	0.479	17	46.00	74.00	60.24	9.16	2.220
LT	1	3	46.46	55.28	49.42	5.07	2.930	14	32.48	55.68	43.57	7.79	2.082	4	29.81	32.02	30.96	0.94	0.470	17	32.48	55.68	44.60	7.60	1.844
	2	3	74.94	76.78	75.58	1.04	0.599	14	70.61	75.24	73.46	1.62	0.432	4	70.98	73.05	72.41	0.96	0.481	17	70.61	76.78	73.84	1.72	0.417
TL	1	3	50.00	56.00	53.00	3.00	1.732	14	42.00	65.00	53.64	8.15	2.178	4	31.00	34.00	32.75	1.26	0.629	17	42.00	65.00	53.53	7.43	1.801
	2	3	73.61	90.32	81.53	8.39	4.844	14	85.71	97.83	90.88	3.13	0.836	4	70.45	80.95	76.68	4.49	2.247	17	73.61	97.83	89.23	5.50	1.334
NED	1	3	2.65	3.18	3.00	0.30	0.173	14	2.40	3.45	2.82	0.32	0.086	4	1.69	2.25	2.04	0.26	0.128	17	2.40	3.45	2.85	0.32	0.077
	2	3	3.68	5.13	4.64	0.83	0.478	14	3.79	5.76	4.83	0.55	0.148	4	3.93	5.26	4.76	0.60	0.298	17	3.68	5.76	4.79	0.58	0.142
DBN	1	3	4.35	4.85	4.63	0.26	0.147	14	3.46	5.24	4.36	0.61	0.163	4	2.63	3.44	3.06	0.33	0.167	17	3.46	5.24	4.41	0.57	0.137
	2	3	6.74	7.56	7.11	0.42	0.243	14	6.24	8.24	7.43	0.58	0.155	4	6.26	7.82	7.15	0.67	0.333	17	6.24	8.24	7.37	0.56	0.135
ED	1	3	4.34	5.71	4.84	0.76	0.437	14	3.71	5.22	4.51	0.54	0.144	4	2.96	3.58	3.35	0.28	0.139	17	3.71	5.71	4.57	0.57	0.138
	2	3	7.00	7.93	7.38	0.49	0.282	14	6.60	9.04	7.71	0.74	0.199	4	7.05	8.36	7.83	0.57	0.287	17	6.60	9.04	7.65	0.70	0.171
HL	1	3	15.48	16.72	15.91	0.70	0.404	14	13.08	18.32	15.57	1.81	0.483	4	11.32	12.19	11.79	0.38	0.189	17	13.08	18.32	15.63	1.65	0.401
	2	3	23.22	25.06	24.42	1.04	0.599	14	24.76	29.39	26.54	1.62	0.432	4	26.95	29.02	27.59	0.96	0.481	17	23.22	29.39	26.16	1.72	0.417
HW	1	3	10.41	12.46	11.12	1.16	0.670	14	8.94	12.91	10.70	1.33	0.356	4	7.98	8.37	8.24	0.17	0.087	17	8.94	12.91	10.78	1.28	0.310
	2	3	16.79	17.31	17.01	0.27	0.155	14	16.59	19.80	18.21	0.92	0.245	4	18.56	19.93	19.27	0.65	0.327	17	16.59	19.80	18.00	0.96	0.232
PL	1	3	6.59	8.34	7.33	0.90	0.522	14	6.23	8.94	7.60	0.89	0.238	4	5.22	5.71	5.50	0.20	0.102	17	6.23	8.94	7.56	0.87	0.211
	2	3	10.63	11.58	11.21	0.51	0.293	14	11.27	15.02	12.97	1.06	0.284	4	12.14	13.60	12.87	0.65	0.325	17	10.63	15.02	12.66	1.20	0.290
PW	1	3	1.59	2.63	1.98	0.57	0.327	14	1.39	2.47	1.97	0.35	0.092	4	1.27	1.62	1.46	0.17	0.083	17	1.39	2.63	1.97	0.37	0.090
	2	3	2.56	3.65	3.00	0.58	0.333	14	1.99	5.15	3.41	0.79	0.210	4	2.95	3.86	3.42	0.39	0.195	17	1.99	5.15	3.34	0.76	0.183

Characters		♂						♀						Juveniles						Sum Adults (♂+♀)					
		N	Min.	Max.	Mean	SD	SE	N	Min.	Max.	Mean	SD	SE	N	Min.	Max.	Mean	SD	SE	N	Min.	Max.	Mean	SD	SE
FLL	1	3	19.11	22.43	20.39	1.79	1.031	14	15.64	24.66	19.93	2.93	0.784	4	13.45	14.64	13.92	0.52	0.259	17	15.64	24.66	20.01	2.73	0.661
	2	3	30.82	31.66	31.21	0.42	0.244	14	30.01	35.76	33.81	1.62	0.434	4	31.66	34.05	32.57	1.05	0.525	17	30.01	35.76	33.35	1.79	0.434
HLL	1	3	21.71	24.81	22.98	1.62	0.938	14	17.76	28.58	22.75	3.53	0.943	4	14.77	15.76	15.34	0.45	0.227	17	17.76	28.58	22.79	3.23	0.784
	2	3	34.46	36.16	35.21	0.87	0.501	14	33.68	41.91	38.56	2.03	0.543	4	34.48	37.52	35.88	1.34	0.672	17	33.68	41.91	37.97	2.28	0.552
DFHL	1	3	30.82	36.69	33.18	3.10	1.789	14	24.68	42.61	31.73	5.19	1.387	4	21.77	24.48	23.12	1.34	0.672	17	24.68	42.61	31.98	4.84	1.173
	2	3	49.71	51.66	50.78	0.99	0.571	14	50.03	57.58	53.69	1.96	0.525	4	49.48	58.29	54.15	4.29	2.145	17	49.71	57.58	53.18	2.14	0.518
HDPBT	1	3	1.11	1.95	1.40	0.48	0.277													3	1.11	1.95	1.40	0.48	0.277
	2	3	1.79	2.71	2.11	0.52	0.301													3	1.79	2.71	2.11	0.52	0.301
HW/HL	1	3	0.67	0.75	0.70	0.04	0.024	14	0.39	0.75	0.58	0.13	0.034	4	0.67	0.73	0.71	0.03	0.014	17	0.66	0.75	0.69	0.02	0.005
TL/TBL	1	3	0.42	0.47	0.45	0.03	0.015	14	0.46	2.10	1.46	0.54	0.145	4	0.39	0.45	0.43	0.03	0.014	17	0.42	0.49	0.47	0.02	0.004
PW/PL	1	3	0.24	0.32	0.27	0.04	0.024	14	0.22	1.27	0.98	0.40	0.107	4	0.27	0.36	0.32	0.04	0.019	17	0.16	0.37	0.26	0.05	0.011
NED/HL	1	3	0.16	0.21	0.19	0.03	0.015	14	0.14	0.25	0.19	0.04	0.010	4	0.11	0.18	0.15	0.03	0.015	17	0.15	0.21	0.18	0.02	0.004

Supplementary Table 2. Some mensural characters (in mm) and ratios of the typical *Lyciasalamandra billae billae*. 1: Values in raw data; 2: Values in PERCRA index; N: number of specimens; SD: Standard deviation; SE: Standard error of mean. The other abbreviations of the characters are given in Material and Method.

Characters		♂♂						♀♀						Juveniles						Sum Adults (♂♂+♀♀)					
		N	Min.	Max.	Mean	SD	SE	N	Min.	Max.	Mean	SD	SE	N	Min.	Max.	Mean	SD	SE	N	Min.	Max.	Mean	SD	SE
TBL	1	8	106.00	125.00	114.38	6.00	2.121	8	106.00	134.00	120.50	8.72	3.082	3	66.00	71.00	69.00	2.65	1.528	16	106.00	134.00	117.44	7.89	1.973
	2	8	176.92	189.39	183.75	4.51	1.593	8	184.13	195.00	189.79	3.65	1.290	3	177.50	183.33	180.11	2.97	1.712	16	176.92	195.00	186.77	5.04	1.260
RA	1	8	58.00	66.00	62.25	3.01	1.065	8	56.00	70.00	63.50	4.54	1.604	3	36.00	40.00	38.33	2.08	1.202	16	56.00	70.00	62.88	3.77	0.944
LT	1	8	43.78	50.98	47.27	2.93	1.037	8	41.11	52.33	47.45	3.79	1.340	3	24.07	28.39	26.82	2.39	1.381	16	41.11	52.33	47.36	3.27	0.819
	2	8	73.75	78.43	75.89	1.36	0.481	8	73.16	75.62	74.68	0.92	0.325	3	66.86	71.82	69.89	2.65	1.532	16	73.16	78.43	75.29	1.28	0.321
TL	1	8	47.00	59.00	52.13	3.64	1.288	8	50.00	64.00	57.00	4.50	1.592	3	30.00	31.00	30.67	0.58	0.333	16	47.00	64.00	54.56	4.69	1.172
	2	8	76.92	89.39	83.75	4.51	1.593	8	84.13	95.00	89.79	3.65	1.290	3	77.50	83.33	80.11	2.97	1.712	16	76.92	95.00	86.77	5.04	1.260
NED	1	8	2.49	3.31	2.91	0.27	0.096	8	2.43	3.52	2.93	0.40	0.140	3	2.13	2.20	2.17	0.04	0.020	16	2.43	3.52	2.92	0.33	0.082
	2	8	3.97	5.12	4.68	0.44	0.154	8	3.98	5.50	4.61	0.51	0.181	3	5.50	5.92	5.66	0.22	0.130	16	3.97	5.50	4.65	0.46	0.115
DBN	1	8	3.97	5.20	4.38	0.41	0.144	8	3.99	5.06	4.52	0.38	0.134	3	2.99	3.08	3.05	0.05	0.028	16	3.97	5.20	4.45	0.39	0.097
	2	8	6.11	8.39	7.06	0.76	0.267	8	6.33	7.82	7.13	0.49	0.172	3	7.48	8.53	7.97	0.53	0.306	16	6.11	8.39	7.09	0.62	0.154
ED	1	8	4.22	5.15	4.64	0.34	0.121	8	4.07	5.12	4.63	0.33	0.118	3	3.26	3.38	3.32	0.06	0.035	16	4.07	5.15	4.63	0.33	0.082
	2	8	6.52	8.31	7.47	0.69	0.243	8	6.46	8.03	7.31	0.49	0.171	3	8.28	9.06	8.67	0.39	0.225	16	6.46	8.31	7.39	0.58	0.145
HL	1	8	14.02	15.75	14.98	0.65	0.230	8	14.89	17.67	16.05	0.88	0.310	3	10.99	11.93	11.51	0.48	0.276	16	14.02	17.67	15.52	0.93	0.232
	2	8	21.57	26.25	24.11	1.36	0.481	8	24.38	26.84	25.32	0.92	0.325	3	28.18	33.14	30.11	2.65	1.532	16	21.57	26.84	24.71	1.28	0.321
HW	1	8	10.19	11.28	10.71	0.43	0.153	8	10.25	12.45	11.37	0.62	0.219	3	7.77	8.56	8.07	0.43	0.246	16	10.19	12.45	11.04	0.62	0.154
	2	8	15.68	18.27	17.23	0.77	0.274	8	17.11	18.95	17.93	0.64	0.225	3	20.23	21.58	21.07	0.73	0.424	16	15.68	18.95	17.58	0.77	0.193
PL	1	8	6.95	7.86	7.31	0.30	0.105	8	7.43	8.99	8.05	0.53	0.186	3	4.91	5.46	5.10	0.31	0.180	16	6.95	8.99	7.68	0.56	0.140
	2	8	10.92	13.10	11.77	0.81	0.286	8	12.00	13.72	12.69	0.60	0.212	3	12.28	15.17	13.36	1.57	0.909	16	10.92	13.72	12.23	0.84	0.209
PW	1	8	1.61	2.33	2.01	0.27	0.095	8	1.77	2.53	2.20	0.23	0.080	3	1.32	1.40	1.37	0.04	0.025	16	1.61	2.53	2.10	0.26	0.065
	2	8	2.78	3.76	3.23	0.40	0.140	8	2.77	4.52	3.48	0.51	0.180	3	3.38	3.86	3.58	0.25	0.144	16	2.77	4.52	3.35	0.46	0.115

Characters		♂♂						♀♀						Juveniles						Sum Adults (♂♂+♀♀)					
		N	Min.	Max.	Mean	SD	SE	N	Min.	Max.	Mean	SD	SE	N	Min.	Max.	Mean	SD	SE	N	Min.	Max.	Mean	SD	SE
FLL	1	8	17.94	20.22	18.87	0.82	0.290	8	17.92	21.24	19.53	1.18	0.418	3	11.76	13.39	12.57	0.82	0.471	16	17.92	21.24	19.20	1.04	0.260
	2	8	28.72	32.61	30.35	1.47	0.519	8	29.27	32.00	30.79	0.88	0.310	3	30.15	34.89	32.84	2.43	1.403	16	28.72	32.61	30.57	1.19	0.297
HLL	1	8	20.83	22.75	21.96	0.67	0.236	8	21.02	26.09	23.57	1.77	0.627	3	14.11	15.73	14.77	0.85	0.491	16	20.83	26.09	22.76	1.54	0.385
	2	8	33.51	37.92	35.33	1.72	0.607	8	35.50	38.03	37.12	0.85	0.301	3	36.18	40.19	38.57	2.11	1.220	16	33.51	38.03	36.23	1.60	0.400
DFHL	1	8	30.59	35.13	32.68	1.86	0.658	8	30.72	37.25	34.28	2.57	0.909	3	18.61	21.21	20.27	1.44	0.834	16	30.59	37.25	33.48	2.32	0.580
	2	8	49.56	54.05	52.49	1.47	0.519	8	51.93	55.32	53.98	1.18	0.418	3	51.69	53.85	52.86	1.09	0.627	16	49.56	55.32	53.24	1.50	0.375
HDPBT	1	8	2.18	2.58	2.41	0.15	0.054													8	2.18	2.58	2.41	0.15	0.054
	2	8	3.40	4.16	3.88	0.25	0.087													8	3.40	4.16	3.88	0.25	0.087
HW/HL	1	8	0.70	0.73	0.72	0.01	0.004	8	0.69	0.75	0.71	0.02	0.007	3	0.65	0.74	0.70	0.05	0.026	16	0.69	0.75	0.71	0.02	0.004
TL/TBL	1	8	0.43	0.47	0.46	0.01	0.005	8	0.46	0.49	0.47	0.01	0.004	3	0.44	0.45	0.44	0.01	0.005	16	0.43	0.49	0.46	0.01	0.004
PW/PL	1	8	0.22	0.32	0.28	0.04	0.014	8	0.21	0.34	0.27	0.04	0.013	3	0.25	0.29	0.27	0.02	0.009	16	0.21	0.34	0.27	0.04	0.009
NED/HL	1	8	0.17	0.21	0.19	0.01	0.005	8	0.15	0.22	0.18	0.02	0.008	3	0.18	0.20	0.19	0.01	0.005	16	0.15	0.22	0.19	0.02	0.005