

Table S1: Average individual snout-vent length (SVL) in *Pelobates* populations (in mm).

Taxon	Locality	Female			Male			Reference
		n	mean ± SE	Range	n	mean ± SE	Range	
<i>b. balcanicus</i>	Utrine, Serbia	30	60.8 ± 1.7	47.8–79.6	21	61.1 ± 2.9	47.6–75.6	Rot-Nikcevic et al. 2001
<i>b. balcanicus</i>	Deliblato sand, Serbia	32	60.6 ± 1.5	47.8–79.6	29	60.4 ± 1.4	47.6–75.6	Uğurtas et al. 2002
<i>b. balcanicus</i>	Ivanovo, Serbia	9	57.1 ± 1.8	48.1–66.2	4	53.9 ± 4.4	46.1–62.1	Uğurtas et al. 2002
<i>b. balcanicus</i>	Staro Laniste, Serbia	2	71.0 ± 0.9	70.2–71.9				Uğurtas et al. 2002
<i>b. balcanicus</i>	Macedonia + Bulgaria	11	70.5 ± 1.2	66.1–79.3	19	75.8 ± 0.7	68.8–79.7	Rot-Nikcevic et al. 2001
<i>b. balcanicus</i>	Ovce pole, Macedonia	3	72.3 ± 2.0	68.4–75.2	4	71.5 ± 1.9	66.6–75.5	Uğurtas et al. 2002
<i>b. balcanicus</i>	Monospitovo, Macedonia	24	63.4 ± 1.6	54.2–83.8	15	60.5 ± 1.4	53.7–76.1	Uğurtas et al. 2002
<i>b. balcanicus</i>	Prdejci, Macedonia	6	70.2 ± 1.0	67.7–73.2	7	71.6 ± 3.4	59.1–85.4	Uğurtas et al. 2002
<i>b. balcanicus</i>	Djavato, Macedonia	13	71.5 ± 2.1	59.8–84.7	10	76.5 ± 1.6	70.0–88.2	Uğurtas et al. 2002
<i>b. balcanicus</i>	Ezerani, Macedonia	13	59.9 ± 1.0	52.1–68.3	11	60.6 ± 1.2	53.3–65.9	Uğurtas et al. 2002
<i>b. balcanicus</i>	Romania	5	73.0	67.0–79.0				Bacescu 1954
<i>b. balcanicus</i>	Kresna, Bulgaria	4	72.9 ± 3.0	66.1–79.3	14	76.9 ± 0.6	72.4–79.7	Uğurtas et al. 2002
<i>b. balcanicus</i>	Grindul Lupilor, Romania	39	74.4 ± 1.9	55.4–99.5	37	76.5 ± 1.8	59.3–93.7	Cogalniceanu et al. 2014
<i>b. balcanicus</i>	Durunkulak, Bulgaria	13	69.6 ± 1.5	62.8–79.4	17	67.8 ± 1.4	57.8–79.5	Uğurtas et al. 2002
<i>b. balcanicus</i>	Plovdiv, Bulgaria				1	90.0		Müller 1932
<i>b. balcanicus</i>	Greece	44	73.2	66.0–84.0	38	72.4	65.0–85.0	Sofianidou 2012
<i>b. balcanicus</i>	Greece	35	53.9	50.0–60.0	29	50.8	49.0–55.0	Sofianidou 2012
<i>cultripes</i>	Spain	?	78.0		?	70.1		Salvador et al. 1986
<i>cultripes</i>	Arriça, Portugal	40	54.2	?-72	20	52.8	?-62	Leclair et al. 2005
<i>cultripes</i>	Porto Covo, Portugal	4	72.7	?-84	11	71.5	?-80	Talavera 1990
<i>cultripes</i>	Montalvos, Spain	66	74.6	?-86	76	72.0	?-85	Lizana et al. 1994
<i>cultripes</i>	Madrid, Spain	14	79.5	?-101	15	79.8	?-87	Talavera 1990
<i>cultripes</i>	Cadiz, Spain	30	72.1	?-99	30	65.8	?-84	Beukema et al. 2013
<i>cultripes</i>	Pedroso, Spain	18	90.4 ± 2.0		56	83.9 ± 1.1		Marangoni and Tejado 2008
<i>cultripes</i>	Navas, Spain	5	91.8 ± 3.8		6	83.8 ± 3.5		Marangoni and Tejado 2008
<i>cultripes</i>	Gerena, Spain				8	93.3 ± 3.0		Marangoni and Tejado 2008
<i>cultripes</i>	Aznalcóllar, Spain	14	104.7 ± 2.3		31	88.1 ± 1.5		Marangoni and Tejado 2008
<i>cultripes</i>	Lázaro, Spain	1	68.0		18	58.4 ± 2.0		Marangoni and Tejado 2008
<i>cultripes</i>	Bodogones, Spain	40	76.2 ± 1.3		43	71.6 ± 1.3		Marangoni and Tejado 2008
<i>cultripes</i>	Abalarío, Spain	69	71.8 ± 1.0		83	67.7 ± 0.9		Marangoni and Tejado 2008
<i>cultripes</i>	Doñana, Spain	24	62.9 ± 1.7		47	66.1 ± 1.2		Marangoni and Tejado 2008
<i>cultripes</i>	Doñana, Spain	8	60.8		8	55.9		Díaz-Paniagua 2005
<i>cultripes</i>	Mas de Melons, Spain	26	76.1		27	71.8		Pascual-Pons et al. 2017
<i>cultripes</i>	Spain?	12	44.9 ± 2.4	32.0–57.1	17	47.7 ± 2.6	33.9–64.3	Busack et al. 1985
<i>fuscus</i>	Stagni di Belangero, Italy	2	52.3 ± 0.3		12	45.6 ± 0.7		Mercurio and Li Vigni 2007
<i>fuscus</i>	Arsago-Seprio, Italy	26	52.1 ± 1.1	43.0–61.5	17	50.4 ± 1.6	44.5–57.5	Scali and Gentilli 2003
<i>fuscus</i>	Ivrea, Italy	73	54.5 ± 3.7		70	45.7 ± 2.6		Andreone et al. 2004
<i>fuscus</i>	Ivrea II, Italy	11	58.4 ± 2.6	55.0–63.0	22	50.2 ± 4.2	40.0–58.0	Andreone and Pavignano 1988
<i>fuscus</i>	Varese, Italy	?	52.1 ± 5.4		?	50.4 ± 3.4		Andreone et al. 2004
<i>fuscus</i>	Wien, Austria	199	45.0 ± 0.4		427	39.6 ± 0.2		Wiener 1997
<i>fuscus</i>	Braunschweig, Germany	289	49.7		866	43.3		Tobias 2000
<i>fuscus</i>	Mecklenburg, Germany	37	52.5 ± 0.9	40.0–67.0	61	46.0 ± 0.6	37.0–56.0	Szekely and Nemeč 2002
<i>fuscus</i>	Brandenburg, Germany	25	52.6	48.0–59.0	100	42.2	40.0–48.0	Szekely and Nemeč 2002
<i>fuscus</i>	Niedersachsen, Germany	223	60.3 ± 0.3	48.0–78.0	545	52.7 ± 0.2	38.0–65.0	Szekely and Nemeč 2002
<i>fuscus</i>	Sachsen-Anhalt, Germany	21	54.8 ± 1.2	46.0–62.0	29	47.8 ± 0.6	42.0–57.0	Szekely and Nemeč 2002
<i>fuscus</i>	Unteren Saaletal, Germany	40	56.9 ± 0.8	48.3–69.5	65	47.0 ± 0.8	38.9–55.6	Grosse 2008
<i>fuscus</i>	Nordrhein-Westfalen, Germany	?		?-71.5	?		?-62.3	Chmela and Kronshage 2011
<i>fuscus</i>	Nordrhein-Westfalen, Germany	2	69.5 ± 1.5	68.0–71.0	7	55.7 ± 1.3	50.0–61.0	Szekely and Nemeč, 2002
<i>fuscus</i>	Germany + Hungary	23	44.2 ± 4.0		12	42.6 ± 3.8		Andreone et al. 1993
<i>fuscus</i>	Aleksandrow Kujawski, Poland	157	50.3 ± 0.3	43.0–57.6	161	44.4 ± 0.2	38.0–50.9	Adnrzejewski et al. 1977
<i>fuscus</i>	Poland	?	?	50.0–77.0	?	?	45.0–65.0	Juszczyk 1974
<i>fuscus</i>	Utrine, Serbia	26	53.7 ± 1.0	46.5–65.2	5	44.8 ± 1.2	41.2–48.1	Rot-Nikcevic et al. 2001
<i>fuscus</i>	Cavolj, Serbia	28	54.0 ± 0.8	47.1–62.2	39	46.0 ± 0.5	40.6–56.7	Rot-Nikcevic et al. 2001
<i>fuscus</i>	Lesino Kopovo, Serbia	27	45.4 ± 1.8	41.4–57.9	16	43.9 ± 0.8	36.4–49.5	Rot-Nikcevic et al. 2001
<i>fuscus</i>	Cluj-Napoca, Romania	15	64.1 ± 1.4	52.0–72.0	80	52.2 ± 0.4	48.0–63.0	Szekely and Nemeč 2002
<i>fuscus</i>	Cluj-Napoca, Romania	41	62.4 ± 0.8	50.0–73.0	117	54.3 ± 0.3	45.0–63.0	Szekely and Nemeč 2002
<i>fuscus</i>	Grindul Lupilor, Romania	34	47.7 ± 1.1	36.9–61.5	43	41.7 ± 0.4	37.6–47.3	Cogalniceanu et al. 2014
<i>syriacus boettgeri</i>	Edirne, Turkey	5	69.4 ± 2.0	61.7–73.4	21	68.6 ± 1.1	56.7–77.6	Uğurtas et al. 2002
<i>syriacus boettgeri</i>	Izmir, Turkey	9	62.2 ± 4.3	40.0–79.0	12	70.8 ± 2.0	57.0–79.0	Basoglu and Zaloglu 1964
<i>syriacus boettgeri</i>	Izmir, Turkey	20		64.0–92.0	13		66.0–72.0	Caydam 1974
<i>syriacus boettgeri</i>	Seydisehir, Turkey	9	58.2 ± 1.4	50.8–63.7	13	63.1 ± 1.2	57.2–70.8	Uğurtas et al. 2002
<i>syriacus boettgeri</i>	Tbilisi, Georgia	9	71.5	64.4–86.0	16	71.6	61.5–82.5	Delwig 1928
<i>syriacus boettgeri</i>	Belesuwar, Azerbaijan	1	78.0					Mertens 1923
<i>s. syriacus</i>	Haifa, Israel	1	78.0		1	73.5		Boettger 1889
<i>varaldii</i>	Morocco	9	50.7 ± 2.7	35.6–62.5	20	51.0 ± 1.6	33.2–64.6	Busack et al. 1985
<i>varaldii</i>	Foret Mamora, Morocco	20	52.8 ± 1.3	45.0–64.1	66	51.7 ± 0.4	43.9–60.6	Guarino et al. 2011
<i>varaldii</i>	Foret Mamora, Morocco	30	53.6	?-66	98	51.9	?-61	Beukema et al. 2013
<i>varaldii</i>	Foret Mamora, Morocco				1	49.5		Pasteur and Bons 1959
<i>varaldii</i>	Merja Samora, Morocco	1	55.0					Pasteur and Bons 1959
<i>vespertinus</i>	Karadagh NR, Russia				3	52.9 ± 4.8	44.5–61.3	Kukushkin 2004
<i>vespertinus</i>	Karadagh NR, Russia				5	56.3 ± 2.2	51.3–61.4	Kukushkin 2006
<i>vespertinus</i>	Opuk NR, Russia				1	58.2		Kukushkin and Moroz 2007
<i>vespertinus</i>	Mordovia Republic, Russia	7	52.7 ± 1.5	48.1–58.0	12	42.1 ± 1.6	31.0–47.0	Ruchin 2014
<i>vespertinus</i>	Uritskoe, Russia	32	45.7 ± 0.7	37.8–55.1				Yermokhin et al. 2014
<i>vespertinus</i>	Uritskoe, Russia	?	40.0–45.4	29.3–59.2	?	35.7–43.2	29.0–56.0	Yermokhin et al. 2016
<i>vespertinus</i>	Uritskoe, Russia				15	48.0 ± 0.7	43.0–52.3	Yermokhin and Tabachishin 2011
<i>vespertinus</i>	Uritskoe, Russia				49	46.5 ± 0.5	39.7–54.8	Yermokhin and Tabachishin 2011
<i>vespertinus</i>	Uritskoe, Russia				21	48.9 ± 0.6	42.7–54.3	Yermokhin and Tabachishin 2011
<i>vespertinus</i>	Uritskoe, Russia				17	46.3 ± 0.8	40.2–52.5	Yermokhin and Tabachishin 2011
<i>vespertinus</i>	Uritskoe, Russia				18	46.1 ± 0.8	39.8–53.8	Yermokhin and Tabachishin 2011
<i>vespertinus</i>	Uritskoe, Russia				35	47.9 ± 0.5	41.3–53.1	Yermokhin and Tabachishin 2011
<i>vespertinus</i>	Uritskoe, Russia				15	46.4 ± 0.9	42.0–53.6	Yermokhin and Tabachishin 2011

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