

Żywiec M., Fedriani J. M., Delibes M. Microgeographical, inter-individual, and intra-individual variation in the flower characters of Iberian pear *Pyrus bourgaeana* (Rosaceae)

Online Resource 1. Number of sampled trees, inflorescences, and flowers in 2008 and 2009 in the five localities. The number of trees in common for the two study years is given in parentheses and the number of flowers in which the concentration of floral sugar was measured is given in brackets

	Number of samples	Hato Ratón	Hinojos	Matasgordas	Rocina	Vera	In total
<i>Flower</i>							
<i>morphological</i>							
<i>characters</i>	Trees 2008	14	12	15	11	12	64
	Trees 2009	11 (10)	9 (7)	15 (13)	11 (9)	8 (7)	54 (46)
	Inflorescences 2008	72	59	75	54	56	316
	Inflorescences 2009	51	41	73	50	40	255
	Flowers 2008	140	109	141	89	109	588
	Flowers 2009	94	73	142	96	78	483
<i>Nectar</i>							
<i>characters</i>							
	Trees 2008	8	11	8	6	9	42
	Trees 2009	8 (4)	2 (2)	6 (5)	6 (4)	4 (3)	26 (18)
	Inflorescences 2008	23	27	14	11	17	92
	Inflorescences 2009	19	3	10	14	19	65
	Flowers 2008	148 [46]	158 [100]	125 [31]	98 [37]	145 [8]	674 [222]
	Flowers 2009	142 [122]	15 [10]	72 [38]	112 [89]	57 [42]	398 [301]

Online Resorce 2. Flower morphological and nectar characters (mean \pm SE) of *Pyrus bourgaeana* in five localities of SW Spain in 2008 and 2009

		HatoRaton		Hinojos		Matasgordas		Rocina		Vera		In total	
		Mean \pm SE	Range	Mean \pm SE	Range	Mean \pm SE	Range	Mean \pm SE	Range	Mean \pm SE	Range	Mean \pm SE	Range
Number of flowers per inflorescence	2008	9.43 \pm 0.44	6-20	9.63 \pm 0.47	5-14	9.31 \pm 0.42	3-14	9.09 \pm 0.48	4-13	9.01 \pm 0.46	5-12	9.29 \pm 0.20	3-20
	2009	9.55 \pm 0.47	6-15	9.73 \pm 0.51	6-16	9.83 \pm 0.44	6-18	9.53 \pm 0.49	6-15	9.45 \pm 0.51	4-13	9.62 \pm 0.22	4-18
Number of petals	2008	5.15 \pm 0.14	5-8	5.15 \pm 0.15	4-10	5.16 \pm 0.14	4-10	5.43 \pm 0.17	5-10	5.20 \pm 0.16	5-9	5.22 \pm 0.07	4-10
	2009	5.16 \pm 0.15	5-7	5.03 \pm 0.15	4-12	5.14 \pm 0.14	3-14	5.48 \pm 0.17	5-10	5.16 \pm 0.16	5-10	5.19 \pm 0.07	3-12
Petal lenght (mm)	2008	12.40 \pm 0.41	8.56-16.92	11.85 \pm 0.43	7.44-16.07	13.25 \pm 0.40	8.38-19.63	11.05 \pm 0.44	6.70-14.95	11.09 \pm 0.44	7.82-14.78	11.93 \pm 0.19	6.70-19.63
	2009	11.77 \pm 0.41	9.07-15.26	12.02 \pm 0.43	9.34-17.70	12.77 \pm 0.40	7.84-17.48	11.89 \pm 0.44	7.91-14.42	11.60 \pm 0.45	8.13-16.28	12.01 \pm 0.19	7.84-17.70
Petal area (mm ²)	2008	83.49 \pm 6.08	38.80-170.24	72.57 \pm 6.31	31.71-117.25	97.38 \pm 5.87	37.72-218.00	77.11 \pm 6.55	28.62-149.55	72.68 \pm 6.54	26.34-141.23	80.65 \pm 2.81	26.34-218.00
	2009	74.36 \pm 6.12	33.43-113.98	73.32 \pm 6.36	23.49-129.20	87.65 \pm 5.87	33.62-174.80	83.14 \pm 6.53	35.42-120.87	78.17 \pm 6.59	34.00-147.59	79.33 \pm 2.81	23.49-174.80
Corolla area (mm ²)	2008	429.54 \pm 34.19	202.38-982.23	369.65 \pm 35.62	183.20-794.57	503.65 \pm 33.00	250.83-1019.05	423.87 \pm 36.97	157.10-1109.32	383.96 \pm 36.80	132.13-929.39	422.11 \pm 15.80	132.13-1019.05
	2009	382.50 \pm 34.64	178.80-590.31	365.63 \pm 36.23	198.13-615.85	448.20 \pm 33.00	166.16-849.87	457.07 \pm 36.89	271.85-756.74	407.62 \pm 37.49	196.33-955.65	412.20 \pm 15.96	166.16-955.65
Calix area (mm ²)	2008	30.51 \pm 0.86	14.22-47.58	29.84 \pm 1.89	15.85-53.63	29.52 \pm 1.75	11.77-50.81	30.25 \pm 1.96	14.55-57.33	34.51 \pm 1.95	9.96-52.85	30.93 \pm 0.84	9.96-57.33
	2009	27.78 \pm 1.84	14.07-35.51	30.13 \pm 1.92	20.00-49.50	28.02 \pm 1.75	12.11-46.21	30.59 \pm 1.96	17.71-57.90	35.85 \pm 1.99	18.52-50.63	30.47 \pm 0.85	12.11-57.90
Quantity of nectar (μ l)	2008	1.70 \pm 0.41	0-9.8	3.31 \pm 0.41	0-18.5	0.83 \pm 0.46	0-6.3	1.72 \pm 0.51	0-7.8	2.43 \pm 0.45	0-8.8	2.00 \pm 0.20	0-18.5
	2009	4.01 \pm 0.41	0-12.9	1.72 \pm 0.77	0.2-5.2	1.62 \pm 0.52	0-5.2	2.31 \pm 0.50	0-8.1	0.57 \pm 0.55	0-10.7	2.05 \pm 0.25	0-12.9
Concentration of sugar in nectar (%)	2008	21.48 \pm 0.10	0.5-33.5	11.55 \pm 0.08	3.0-34.0	17.75 \pm 0.17	8.0-33.0	20.40 \pm 0.13	7.5 \geq 35.0	33.97 \pm 0.33	6.8 \geq 35.0	20.58 \pm 0.03	0.5 \geq 35.0
	2009	7.78 \pm 0.07	4.5-25.0	26.46 \pm 0.30	12.0-12.5	20.13 \pm 0.14	8 \geq 35.0	15.12 \pm 0.10	3.0 \geq 35.0	17.41 \pm 0.18	5.0 \geq 35.0	16.90 \pm 0.03	3.0 \geq 35.0