

## SUPPLEMENTARY DATA

TABLE S1. 2C-values assessed with PI and DAPI from the species of *Narcissus* studied (means  $\pm$  s.d.). Geographic information for the populations studied (longitude and latitude) and number of individuals measured by flow cytometry are also given: *N* = number of individuals measured per population. *2n* = chromosome number of the species studied (Marques *et al.*, 2010). Chromosome counts are based on ten different metaphases per individual, except in the case of *Narcissus xalentejanus* where it was possible to observe only one metaphase plaque per population. In the case of *N. xperezlarae*, only two populations were counted (GTG and MDS).

Species	Population	Longitude	Latitude	<i>N</i>	<i>2n</i>	PI (pg)	DAPI (pg)	% AT
<i>N. cavanillesii</i>	Portugal. Ponte da Ajuda. Marques1155 & Draper	-7.1633	38.7749	8	28	32.19 $\pm$ 0.97	12.96 $\pm$ 1.90	24.00
	Portugal. Montes Juntos. Marques1150	-7.31897	38.5159	4	28	33.77 $\pm$ 2.44	13.02 $\pm$ 1.78	23.03
	Spain. Fuentes de Andalucía. Marques1162 & Draper	-5.37064	37.4936	8	28	32.13 $\pm$ 1.27	12.51 $\pm$ 1.44	23.20
	Spain. Sierra de Esparteros. Marques1164 & Draper	-6.47799	37.2928	4	28	32.17 $\pm$ 0.10	12.96 $\pm$ 1.71	24.03
	Spain. La Campana. Marques1162 & Draper	-5.2986	37.3964	6	28	30.52 $\pm$ 0.99	12.30 $\pm$ 1.28	24.01
	Spain. Puebla del Río. Marques1143 & Draper	-6.11273	37.2404	7	28	31.87 $\pm$ 0.43	13.09 $\pm$ 1.92	24.44
	Spain. Medina Sidonia. Marques1161 & Draper	-6.02645	36.4349	8	28	31.69 $\pm$ 0.74	12.60 $\pm$ 1.63	23.66
	Spain. Aznalcázar. Marques1158 & Draper	-6.19861	37.2234	6	28	30.78 $\pm$ 1.22	13.16 $\pm$ 1.83	25.44
	Spain. Dos Hermanas. Marques1131 & Draper	-5.98745	37.2421	6	28	30.70 $\pm$ 1.13	12.35 $\pm$ 1.58	23.95
	Spain. Matachel. Marques1168 & Draper	-5.96122	38.4363	8	28	30.90 $\pm$ 1.21	13.83 $\pm$ 0.80	26.65
	Spain. Villamartín. Marques1147 & Draper	-5.68604	36.8484	8	28	30.99 $\pm$ 1.22	13.89 $\pm$ 0.81	26.68
	Morocco. Tanger. Marques1190 & Draper	-5.76099	35.7738	4	28	30.98 $\pm$ 2.08	13.85 $\pm$ 0.50	26.68
	Morocco. Temara. Marques1197 & Draper	-6.98789	33.9042	5	28	31.60 $\pm$ 0.88	14.01 $\pm$ 0.33	26.39
	Morocco. Oued el Malah, Tétouan. Marques1191 & Draper	-5.29396	35.6452	6	28	31.69 $\pm$ 1.13	14.44 $\pm$ 1.21	27.15
<i>N. serotinus</i>	Portugal. Ponte de Ajuda. Marques1156 & Draper	-7.1633	38.7749	7	10	20.52 $\pm$ 0.46	17.44 $\pm$ 3.92	50.59
	Portugal. Montes Juntos. Marques1151	-7.31897	38.5159	6	10	19.52 $\pm$ 0.69	18.03 $\pm$ 3.78	55.11
	Spain. Fuentes de Andalucía. Marques1163 & Draper	-5.37064	37.4936	8	10	19.57 $\pm$ 0.76	14.83 $\pm$ 2.46	45.01
	Spain. Universidad Pablo de Olavide. Modesto Luceño s.n.	-6.47799	37.2928	4	10	20.24 $\pm$ 0.87	17.94 $\pm$ 4.69	52.94
	Spain. Don Benito. P. Escobar s.n.	-6.04384	38.8611	4	10	20.88 $\pm$ 0.49	13.67 $\pm$ 1.55	38.98
	Spain. Sierra de Esparteros. Marques1165 & Draper	-5.48069	37.0952	7	10	19.77 $\pm$ 0.94	14.99 $\pm$ 4.46	45.32
	Spain. Dos Hermanas. Marques1100 & Draper	-5.98745	37.2421	7	10	21.06 $\pm$ 0.29	14.84 $\pm$ 3.29	41.93
	Portugal. Póvoa de São Miguel. Marques2002 & Draper	-7.33041	38.2705	8	10	21.30 $\pm$ 0.49	18.31 $\pm$ 3.48	51.21
	Portugal. Monte Fidalgo. Marques1041 & Draper	-7.28576	38.7131	5	10	19.72 $\pm$ 0.96	18.44 $\pm$ 4.56	55.56

	Portugal. Vidigueira. Marques1013	-7.55147	38.1662	7	10	20.63 ± 0.57	18.07 ± 3.70	52.26
	Portugal. Granja. Marques1018 & Rosselló-Graell	-7.25175	38.3135	5	10	20.92 ± 0.49	19.78 ± 0.39	56.28
	Spain. Gibraleón. Marques1135 & Draper	-6.91884	37.4064	5	10	21.06 ± 0.46	19.76 ± 0.38	55.86
	Morocco. Cap Safi. Marques2219 & Draper	-9.23861	32.3245	5	10	19.96 ± 0.88	19.26 ± 0.50	57.45
	Morocco. Essaouira. Marques2218 & Draper	-9.70584	31.3245	8	10	20.88 ± 0.52	19.74 ± 0.25	56.28
	Morocco. Ondagha. Marques2215 & Draper	-9.76251	31.4596	8	10	20.96 ± 0.57	19.62 ± 0.38	55.75
<i>N. miniatus</i>	Spain. Al-Zahara. Marques1126 & Draper	-4.90573	37.8897	7	30	56.18 ± 3.44	35.27 ± 1.34	37.47
	Spain. San Jose del Valle. Marques1175 & Draper	-5.70111	36.6487	8	30	48.24 ± 8.59	35.51 ± 0.93	44.98
	Spain. La Línea de la Concepción. Marques1138 & Draper	-5.36293	36.1849	4	30	56.40 ± 2.09	36.13 ± 0.87	38.16
	Spain. Llobregat. Marques1139 & Draper	2.05591	41.2869	8	30	52.11 ± 6.88	35.49 ± 0.67	41.18
	Spain. Turre. Marques1146 & Draper	-1.91345	37.1444	6	30	52.82 ± 2.21	35.76 ± 0.95	38.15
	Spain. Los Belones. Marques1167 & Draper	-0.81965	37.5969	5	30	50.18 ± 2.64	35.79 ± 1.06	42.56
	Spain. Torreblanca. Marques1176, Pérez Rovira & Draper	0.244166	40.2076	8	30	54.83 ± 2.97	36.35 ± 1.18	39.53
	Spain. Xàbia. Marques1178 & Draper	0.232567	38.7383	8	30	52.92 ± 3.28	37.58 ± 5.30	42.42
	Spain. Dénia. Marques1129 & Draper	0.114099	38.8177	7	30	52.65 ± 2.23	35.16 ± 6.46	39.70
	Spain. La Campana. Marques1163 & Draper	-5.2986	37.3964	6	30	52.82 ± 2.03	34.31 ± 5.25	38.65
	Spain. Aznalcázar. Marques1159 & Draper	-6.19861	37.2234	7	30	56.10 ± 1.87	37.77 ± 5.68	40.14
	Spain. Puebla del Rio. Marques1009 & Draper	-6.11273	37.2404	8	30	52.62 ± 1.74	38.20 ± 3.90	43.27
	Spain. Medina Sidonia. Marques1170 & Draper	-6.02645	36.4349	8	30	52.98 ± 2.83	36.55 ± 8.60	41.03
	Spain. Dos Hermanas. Marques1130 & Draper	-5.98745	37.2421	7	30	52.23 ± 2.03	35.81 ± 5.35	40.84
	Spain. Minorca. Fornells. Marques1132 & Draper	4.12817	40.0571	7	30	52.61 ± 2.50	28.94 ± 4.97	32.88
	Spain. Majorca. Cost Xorriego. M. Vincens s.n.	2.90402	39.5752	7	30	54.24 ± 2.53	25.16 ± 5.98	27.45
<i>N. elegans</i>	Morocco. Lalla Minouna. Marques1201 & Draper	-5.99993	34.906	5	20	30.78 ± 0.13	29.00 ± 2.59	56.05
	Morocco. Tanger. Marques1189 & Draper	-5.90752	35.7265	7	20	30.59 ± 0.41	26.29 ± 3.99	51.18
	Morocco. Ksar-el-Kebir. Marques1200 & Draper	-5.51216	35.0865	5	20	30.62 ± 0.18	26.67 ± 2.05	51.86
	Morocco. Cap Martil. Marques1193 & Draper	-5.30295	35.6027	7	20	30.68 ± 0.30	26.05 ± 2.59	50.52
	Spain. Villanueva del Cauche. Marques2213 & Draper	-4.39722	36.9055	8	20	30.65 ± 0.12	29.94 ± 3.90	58.14
	Spain. Majorca. Cost Xorriego. M. Vincens s.n.	3.24328	39.3791	5	20	30.66 ± 0.08	29.41 ± 3.97	57.08
<i>N. xalentejanus</i>	AJU. Portugal. Ponte de Ajuda. Marques1157	-7.1633	38.7749	8	19	22.92 ± 3.68	16.78 ± 3.54	45.06
	MJT. Portugal. Montes Juntos. Marques1152	-7.31897	38.5159	8	19	27.18 ± 4.35	15.56 ± 5.08	35.26
	FTA. Spain. Fuentes de Andalucía. Marques2030 & Draper	-5.2986	37.3964	8	19	26.23 ± 4.65	14.03 ± 4.75	32.58
	UPO. Spain. Universidad Pablo de Olavide. Modesto Luceño s.n.	-6.47799	37.2928	4	19	29.84 ± 3.83	15.81 ± 3.54	31.68

<i>N. xperezlarae</i>	MDS. Spain. Medina Sidonia. Marques1172 & Draper	-6.02645	36.4349	8	29	46.14 ± 4.91	29.06 ± 4.17	37.73
	GTG. Spain. Gata de Gorgos. Marques1136 & Draper	0.07835	38.7717	8	29	39.61 ± 4.60	29.47 ± 4.17	44.73
	DEN. Spain. Dénia. Marques1128 & Draper	0.11409	38.8177	8	-	42.32 ± 5.05	26.49 ± 4.10	37.82
	OLI. Spain. Oliva. Marques1174 & Draper	-0.10106	38.8793	8	-	44.68 ± 4.49	27.42 ± 4.26	37.28
Synthetic <i>N. cavanillesii</i> × <i>N. serotinus</i> F <sub>1</sub> (CS)	-	-	5		29.32 ± 3.42	19.41 ± 2.26	39.88	
Synthetic <i>N. serotinus</i> × <i>N. cavanillesii</i> F <sub>1</sub> (SC)	-	-	5		24.98 ± 4.14	18.04 ± 4.49	43.90	
Synthetic <i>N. cavanillesii</i> × <i>N. miniatus</i> F <sub>1</sub> (CM)	-	-	5		38.23 ± 5.71	36.05 ± 5.60	56.27	
Synthetic <i>N. miniatus</i> × <i>N. cavanillesii</i> F <sub>1</sub> (MC)	-	-	5		48.96 ± 4.31	39.14 ± 5.62	47.95	

## REFERENCE

**Marques I, Nieto Feliner G, Draper D, Martins-Loução A, Fuertes Aguilar J. 2010.** Unraveling cryptic reticulate relationships and the origin of orphan hybrid disjunct populations in *Narcissus*. *Evolution* **64**: 2353–2368.