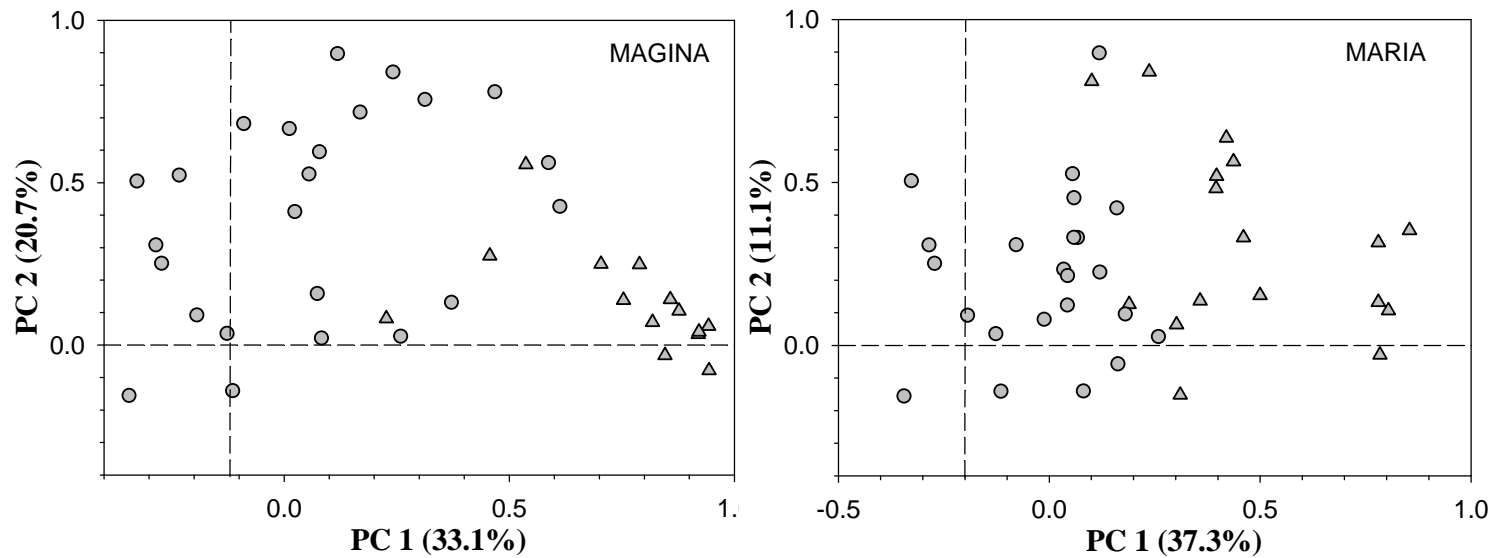


**Supplementary Material for *Tree-Ring Research*, v. 70, no. 2 (2014, pp. 145–155),  
SITE AND AGE CONDITION THE GROWTH RESPONSES TO CLIMATE AND DROUGHT OF RELICT *PINUS NIGRA* SUBSP.  
*SALZMANNII* POPULATIONS IN SOUTHERN SPAIN  
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Site	Station (code)	UTMX	UTMY	Elevation (m a.s.l.)	Distance to sampling site (km)	Precipitation period	Annual precipitation (mm)	Missing values (%)	Temperature period	Mean annual temperature (°C)	Missing values (%)
Mágina	Huelma Sol. (HS)	467509	4170813	1084	7.30	1960-1977	518	–	–	–	–
	Belmez Mor (BM)	467683	4174512	887	5.87	1985-2007	498	21.9	–	–	–
	Jodar D (JD)	469200	4187450	627	16.33	1966-2000	463	3.4	1983-2000	17.8	–
	Jimena (JI)	458933	4187495	570	12.19	1950-2008	505	4.2	1970-1980	15.7	–
	Pegalajar (PE)	447117	4174618	760	14.19	1977-2008	437	10.2	–	–	–
	Torres A (TA)	457428	4180106	1030	7.19	1989-2007	540	12.0	–	–	–
	Torres B (TB)	455970	4181963	888	9.06	1978-2007	560	3.1	–	–	–
	Pegalajar C (PC)	442811	4176958	827	17.29	1985-2007	466	20.4	–	–	–
María	Chirivel (CH)	564751	4159908	1038	10.56	1934-2008	325	9.5	1934-1978	12.3	30.4
	María B (MB)	574935	4172939	1190	2.74	1964-2008	421	3.1	1964-2008	11.9	3.2
	Velez Bla (VB)	568918	4189531	1192	19.93	1965-2008	326	2.5	1965-2008	12.5	9.1
	Velez (VC)	580830	4171145	1110	5.89	1967-2008	383	7.7	–	–	–
	Velez Rub (VR)	582355	4165612	838	10.73	1934-1967	369	–	1934-1967	13.9	–
	Velez R.I. (VI)	581247	4167358	838	8.67	1957-1991	341	–	1957-1991	14.0	–
	Velez R.T. (VT)	585636	4164782	825	13.63	1967-1997	334	7.7	–	–	–

**Table A1.** Characteristics of the meteorological stations used to derive regional means for the two study sites (Mágina, María) and to quantify the relationships between radial growth and climate. The stations' codes are the same than in Figure 1. The distance from each station to the closest sampled stand is also indicated. Missing data were interpolated using linear regressions based on the closest stations with available data (see Fernández Cancio and Manrique Menéndez 1997, *Nueva metodología para la reconstrucción dendroclimática y aplicaciones más importantes*. INIA, Madrid, Spain).



**Figure A1.** Loadings in the first two principal components obtained from comparing indexed tree-ring width series (period 1920-2009) for old (age > 100 years, circles) and mature (age ≤ 100 years, triangles) trees for each study site (Mágina, María). The percentage of variance explained by the two components is shown.