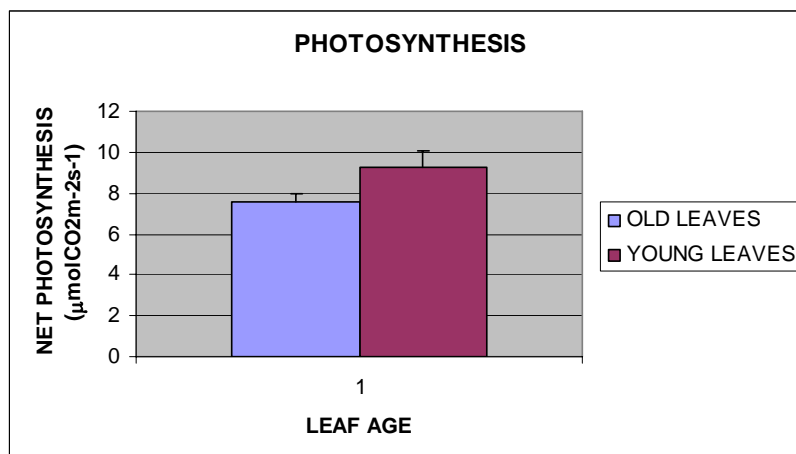


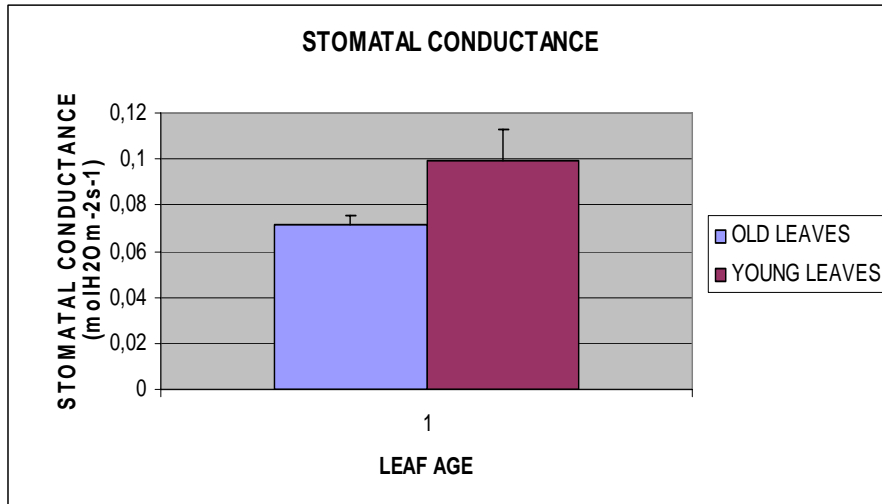
GAS EXCHANGE DATA OF *Pinus brutia* IN ANAPOLIS PLATEAU (CRETE 24/06/2008)

	A ($\mu\text{mol m}^{-2}\text{s}^{-1}$)	g ($\text{mol H}_2\text{O m}^{-2}\text{s}^{-1}$)	Ci ($\mu\text{mol mol}^{-1}$)	E ($\text{mmol m}^{-2}\text{s}^{-1}$)
Old leaves	7,58	0,0712	200,3	2,59
	0,416	0,00464	5,70	0,136
Young leaves	9,25	0,0994	211,8	3,76
	0,804	0,01359	17,86	0,443

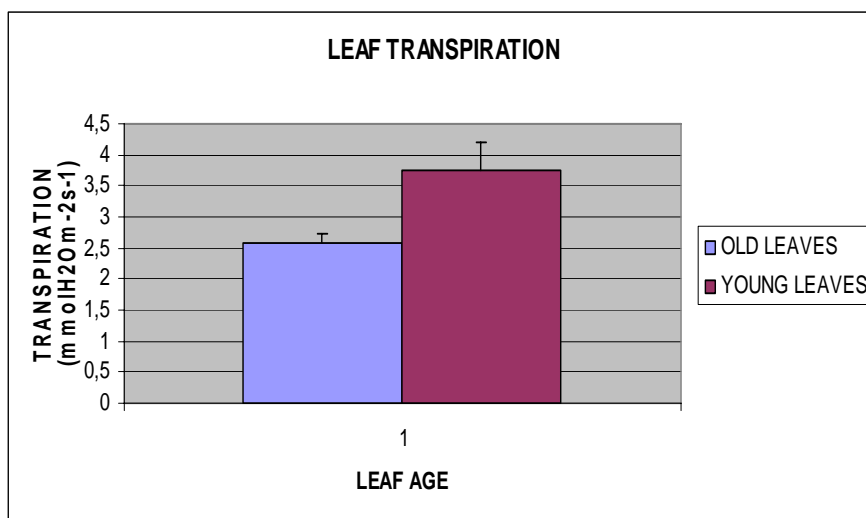
NET PHOTOSYNTHESIS OF *Pinus brutia* LEAVES IN ANAPOLIS PLATEAU (CRETE 24/06/2008)



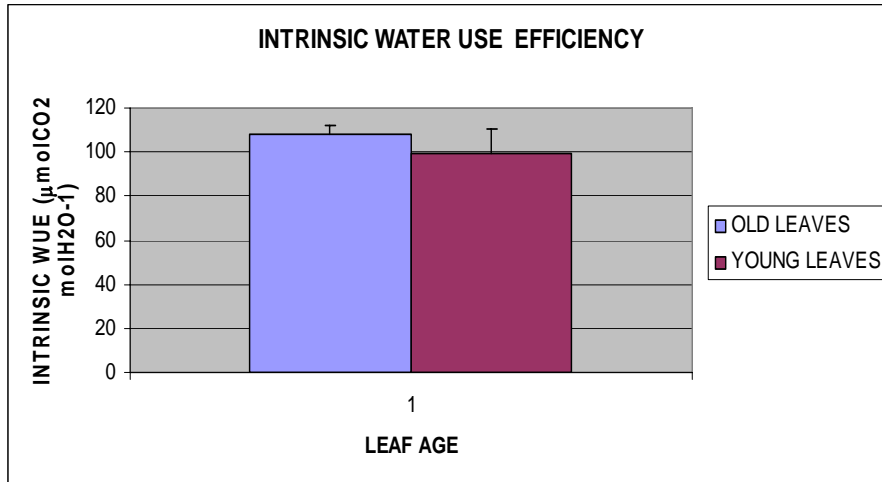
STOMATAL CONDUCTANCE OF *Pinus brutia* IN ANAPOLIS PLATEAU (CRETE 24/06/2008)



LEAF TRANSPIRATION OF *Pinus brutia* LEAVES IN ANAPOLIS PLATEAU (CRETE 24/06/2008)



INTRINSIC WATER USE EFFICIENCY (A/g) OF *Pinus brutia* LEAVES IN ANAPOLIS PLATEAU (CRETE 24/06/2008)

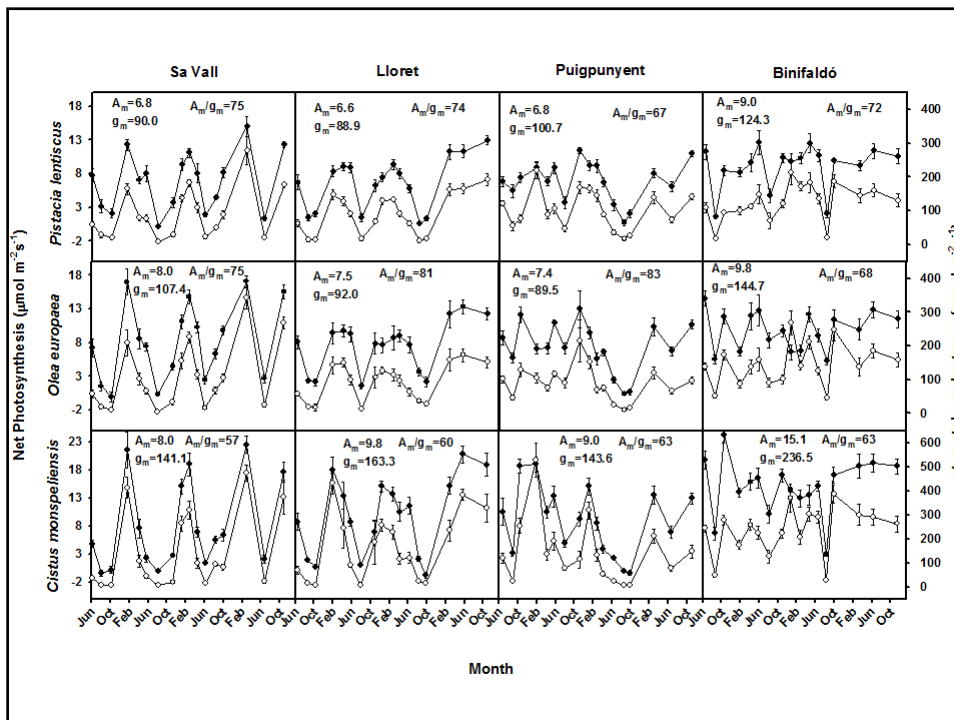


Mean values of net CO₂ assimilation rate on an area basis (A, μmol CO₂ m⁻² s⁻¹), stomatal conductance (g, mmol m⁻² s⁻¹), sub-stomatal CO₂ concentration (C_i, mmol CO₂ mol air⁻¹), intrinsic water use efficiency (A/g, mmol CO₂ mmol⁻¹) and leaf transpiration (mmol m⁻² s⁻¹)

Species	A	g	C _i	A/g	E
<i>Ceratonia siliqua</i> L.	13,2	278	241,3	48,2	3,5
<i>Quercus ilex</i> L.	11,6	216	235,0	58,5	1,6
<i>Quercus humilis</i> Mill.	16,6	259	218,8	65,2	3,4
<i>Fraxinus angustifolia</i> Vahl	22,7	433	229,5	54,2	4,9
<i>Populus nigra</i> L.	15,3	230	206,5	66,8	3,6
<i>Olea europaea</i> L. var. <i>sylvestris</i> (Mill.) Brot.	17,0	209	185,4	96,8	1,6
<i>Rhamnus alaternus</i> L.	10,2	158	227,0	70,2	1,3
<i>Pistacia lentiscus</i> L.	12,6	148	190,4	90,6	3,2
<i>Pistacia terebinthus</i> L.	20,7	374	226,0	56,2	5,5

Mean values of net CO₂ assimilation rate on an area basis (A, $\mu\text{mol CO}_2 \text{ m}^{-2} \text{ s}^{-1}$), stomatal conductance (g, $\text{mmol m}^{-2} \text{ s}^{-1}$), sub-stomatal CO₂ concentration (C_i, $\text{mmol CO}_2 \text{ mol air}^{-1}$), intrinsic water use efficiency (A/g, $\text{mmol CO}_2 \text{ mmol}^{-1}$) and leaf transpiration (mmolm⁻²s⁻¹)

Species	A	g	C _i	A/g	E
<i>Cistus albidus</i> L.	16,5	463	277,6	36,2	3,2
<i>Cistus monspeliensis</i> L.	24,2	278	195,6	88,8	4,6
<i>Cistus salviifolius</i> L.	19,7	525	274,6	37,9	3,6
<i>Phillyrea latifolia</i> L.	12,6	150	201,1	85,7	2,4
<i>Helianthus annuus</i> L.	32,4	1046	222,5	31,2	6,98
<i>Datura stramonium</i> L.	28,6	1237	245,2	23,4	6,28
<i>Sorghum bicolor</i> (L.) Moench	35,9	403	119,5	90,7	4,09



Annual Evolution of net photosynthesis and stomatal conductance of *Quercus ilex*
 June 1998-October 2001

