

QUANTITATIVE MEASUREMENT OF FOUR  
MAJOR SECOIRIDOID DERIVATIVES IN OLIVE  
OIL USING qNMR. PROOF OF THE ARTIFICIAL  
FORMATION OF ALDEHYDIC OLEUROPEIN AND  
LIGSTROSIDE AGLYCON ISOMERS

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**Supplementary table 1.** Oleocanthal (p-HPEA-EDA), oleacein (3,4-DHPEA-EDA), aldehydic form of oleuropein aglycon (3,4-DHPEA-EA) and aldehydic form of ligstroside aglycon (p-HPEA-EA) levels in olive oil samples from Greece. D1=Oleocanthal+oleacein, D2=oleacein/oleocanthal. D3=the sum of the four compounds. The values are means of two measurements.

VARIETY	ORIGIN	YEAR	Harvest season	Analysis date	Oleocanthal mg/Kg	Oleacein mg/Kg	D2	D1	Oleuropein aglycon mg/kg	Ligstroside aglycon. mg/ kg	D3
ADRAMYTINI	LESVOS	2010-2011	ALL PERIOD	MARCH 2011	ND	ND	ND	ND	ND	ND	ND
ADRAMYTINI	LESVOS	2010-2011	ALL PERIOD	MARCH 2011	ND	ND	ND	ND	ND	ND	ND
ADRAMYTINI	LESVOS	2010-2011	ALL PERIOD	MARCH 2011	ND	ND	ND	ND	ND	ND	ND
ADRAMYTINI	LESVOS	2010-2011	ALL PERIOD	JULY 2011	ND	ND	ND	ND	ND	ND	ND
ADRAMYTINI	LESVOS	2010-2011	ALL PERIOD	JULY 2011	ND	ND	ND	ND	5.91	8.01	13.92
ADRAMYTINI	LESVOS	2010-2011	ALL PERIOD	JULY 2011	ND	ND	ND	ND	ND	ND	ND
ADRAMYTINI	LESVOS	2010-2011	ALL PERIOD	JULY 2011	ND	ND	ND	ND	ND	ND	ND
ADRAMYTINI	LESVOS	2010-2011	ALL PERIOD	JULY 2011	36.33	9.81	0.19	46.14	7.06	22.09	75.30
AGOUROMANAKI	KORINTHIA	2010-2011	ALL PERIOD	MARCH 2011	50.91	ND	-	54.26	ND	4.44	59.13
AGOUROMANAKI	KORINTHIA	2010-2011	DECEMBER 2010	MARCH 2011	30.12	14.86	0.42	44.97	ND	5.31	50.28
ATHENOLIA	LAKONIA	2009-2010	ALL PERIOD	JANUARY 2011	41.98	31.04	0.69	73.03	5.23	2.68	80.94
ATHENOLIA	LAKONIA	2009-2010	ALL PERIOD	JANUARY 2011	68.00	31.31	0.41	99.30	ND	18.09	117.39
ATHENOLIA	LAKONIA	2010-2011	ALL PERIOD	JULY 2011	29.08	10.18	0.26	39.26	5.71	20.38	65.34
ATHENOLIA	LAKONIA	2010-2011	ALL PERIOD	JULY 2011	ND	ND	-	7.29	9.00	16.82	25.82
ATHENOLIA	LAKONIA	2010-2011	ALL PERIOD	JANUARY 2011	148.12	53.17	0.33	201.29	1.56	9.74	212.59
ATHENOLIA	LAKONIA	2010-2011	NOVEMBER 2010	DECEMBER	106.39	32.01	0.27	138.39	13.68	30.97	183.04

				2010							
ATHENOLIA	CRETE	2011-2012	ALL PERIOD	MARCH 2012	41.26	9.01	0.14	50.27	1.45	6.74	58.46
ATHENOLIA	LAKONIA	2011-2012	ALL PERIOD	MARCH 2012	143.78	55.94	0.36	199.72	61.68	50.04	311.44
ATHENOLIA	LAKONIA	2011-2012	ALL PERIOD	MARCH 2012	170.58	109.61	0.61	280.19	55.14	32.10	367.42
ATHENOLIA	LAKONIA	2011-2012	DECEMBER 2011	MAY 2012	76.16	29.35	0.34	105.51	11.08	25.99	142.58
ATHENOLIA	LAKONIA	2012-2013	OCTOBER 2012	DECEMBER 2012	333.45	40.06	0.10	373.52	24.99	47.82	446.33
ATHENOLIA	LAKONIA	2012-2013	NOVEMBER 2012	DECEMBER 2012	112.24	18.30	0.11	130.54	ND	10.20	140.75
ATHENOLIA	LAKONIA	2012-2013	NOVEMBER 2012	DECEMBER 2012	254.10	44.04	0.15	298.13	8.43	38.10	344.67
ATHENOLIA	LAKONIA	2012-2013	NOVEMBER 2012	JANUARY 2013	285.64	21.32	0.05	306.97	23.44	40.24	370.65
ATHENOLIA	LAKONIA	2012-2013	NOVEMBER 2012	JANUARY 2013	260.25	27.76	0.08	288.01	26.00	41.28	355.29
ATHENOLIA	LAKONIA	2012-2013	NOVEMBER 2012	JANUARY 2013	183.01	85.66	0.43	268.66	4.77	114.56	387.99
ATHENOLIA	LAKONIA	2012-2013	NOVEMBER 2012	JANUARY 2013	164.56	36.90	0.18	201.46	24.75	49.70	275.92
ATHENOLIA	EVIA	2012-2013	ALL PERIOD	MARCH 2013	148.60	113.40	0.71	262.00	93.87	99.89	455.76
ATHENOLIA	EVIA	2012-2013	ALL PERIOD	MARCH 2013	128.18	72.20	0.51	200.38	70.38	61.20	331.96
ATHENOLIA.	MESSINIA	2012-2013	OCTOBER 2012	OCTOBER 2012	104.14	48.46	0.41	152.59	8.15	21.27	182.01
CHALKIDIKI	KAVALA	2012-2013	OCTOBER 2012	NOVEMBER 2012	177.33	63.56	0.32	240.89	59.99	31.62	332.50
CHALKIDIKI	KAVALA	2012-2013	OCTOBER 2012	NOVEMBER 2012	69.02	23.84	0.26	92.87	1.44	12.18	106.48
CHALKIDIKI	KAVALA	2012-2013	SEPTEMBER	DECEMBER 2012	153.11	62.64	0.36	215.74	11.56	23.78	251.08
CHALKIDIKI	KAVALA	2012-2013	OCTOBER 2012	DECEMBER 2012	135.79	58.69	0.38	194.48	246.74	21.90	463.13
CHALKIDIKI	KAVALA	2012-2013	OCTOBER 2012	DECEMBER 2012	121.99	46.11	0.32	168.10	14.90	21.90	204.89
CHALKIDIKI	KAVALA	2012-2013	OCTOBER 2012	JANUARY 2013	130.71	32.88	0.20	163.59	ND	11.95	175.54
CHALKIDIKI	CHALKIDIKI	2012-2013	OCTOBER 2012	FEBRUARY	274.03	184.86	0.64	458.89	117.63	86.93	663.45

				2013							
CHALKIDIKI	KAVALA	2012-2013	OCTOBER 2012	FEBRUARY 2013	192.65	76.62	0.36	269.27	23.00	37.19	329.47
CHALKIDIKI	CHALKIDIKI	2010-2011	ALL PERIOD	JANUARY 2011	55.95	ND	-	59.30	ND	2.68	61.98
CHALKIDIKI	CHALKIDIKI	2010-2011	ALL PERIOD	JANUARY 2011	56.43	ND	-	59.77	ND	1.80	61.57
CHALKIDIKI	KAVALA	2012-2013	OCTOBER 2012	OCTOBER 2012	106.84	59.64	0.50	166.48	24.57	25.56	216.61
CHALKIDIKI	KOZANI	2012-2013	NOVEMBER 2012	DECEMBER 2012	214.34	59.08	0.24	273.42	33.77	49.34	356.54
CHALKIDIKI	KAVALA	2012-2013	OCTOBER 2012	JANUARY 2013	129.66	55.64	0.38	185.30	4.23	15.55	205.08
CHALKIDIKI	KAVALA	2012-2013	OCTOBER 2012	JANUARY 2013	84.04	37.57	0.38	121.62	7.90	24.01	153.52
CHALKIDIKI	KAVALA	2012-2013	OCTOBER 2012	JANUARY 2013	65.89	23.95	0.27	89.84	6.68	17.30	113.83
CHALKIDIKI	KOZANI	2012-2013	ALL PERIOD	JANUARY 2013	165.75	125.71	0.71	291.45	33.40	22.19	347.05
CHALKIDIKI	KAVALA	2012-2013	ALL PERIOD	FEBRUARY 2013	64.95	32.74	0.42	97.68	1.33	13.57	112.59
CHALKIDIKI	KAVALA	2012-2013	ALL PERIOD	FEBRUARY 2013	4.20	6.50	-	10.70	ND	ND	10.70
CHALKIDIKI	KAVALA	2012-2013	ALL PERIOD	FEBRUARY 2013	228.68	67.56	0.26	296.24	31.01	39.17	366.42
CHALKIDIKI	KAVALA	2012-2013	ALL PERIOD	MARCH 2013	166.80	59.25	0.31	226.05	14.90	29.71	270.66
CONSERVOLEA	MAGNESIA	2012-2013	NOVEMBER 2012	NOVEMBER 2012	156.00	113.35	0.68	269.34	119.88	12.18	401.40
CONSERVOLEA	MAGNESIA	2012-2013	NOVEMBER 2012	NOVEMBER 2012	129.53	6.50	-	136.03	ND	8.94	144.97
CONSERVOLEA	MAGNESIA	2012-2013	NOVEMBER 2012	JANUARY 2013	228.38	126.77	0.52	355.15	52.75	47.11	455.01
CONSERVOLEA	MAGNESIA	2012-2013	ALL PERIOD	JANUARY 2013	124.99	ND	-	131.49	ND	17.20	148.69
CONSERVOLEA	PHTHIOTIDA	2012-2013	ALL PERIOD	MARCH 2013	141.73	ND	-	148.23	0.66	15.19	164.09

CONSERVOLEA	THESPROTIA	2011-2012	NOVEMBER 2011	MARCH 2012	227.04	115.07	0.48	342.11	14.52	18.47	375.10
KOLOVI	LESVOS	2010-2011	ALL PERIOD	MARCH 2011	175.09	118.50	0.64	293.60	16.23	16.32	326.14
KOLOVI	LESVOS	2010-2011	ALL PERIOD	JULY 2011	21.48	ND	-	21.48	ND	ND	21.48
KOLOVI	LESVOS	2010-2011	ALL PERIOD	JULY 2011	82.92	ND	-	86.26	15.18	16.96	118.40
KOLOVI	LESVOS	2010-2011	ALL PERIOD	JULY 2011	52.99	20.72	0.34	73.71	24.22	16.80	114.72
KOLOVI	LESVOS	2011-2012	ALL PERIOD	JANUARY 2012	87.95	21.35	0.20	109.30	8.89	12.99	131.18
KOLOVI	LESVOS	2011-2012	DECEMBER 2011	MARCH 2012	138.48	32.32	0.20	170.80	26.67	19.76	217.23
KORONEIKI	MESSINIA	2009-2010	ALL PERIOD	NOVEMBER 2010	76.89	25.79	0.29	102.68	ND	2.68	105.36
KORONEIKI	CRETE	2009-2010	JANUARY 2010	DECEMBER 2010	81.95	60.43	0.69	142.38	47.90	26.57	216.85
KORONEIKI	ATTIKI	2010-2011	ALL PERIOD	NOVEMBER 2011	59.53	48.33	0.77	107.86	8.89	11.50	128.25
KORONEIKI	ZAKYNTHOS	2010-2011	ALL PERIOD	MARCH 2011	55.94	31.74	0.52	87.68	ND	8.50	96.19
KORONEIKI	CRETE	2010-2011	JANUARY 2011	MARCH 2011	113.07	43.24	0.35	156.31	12.56	22.09	190.96
KORONEIKI	LAKONIA	2010-2011	FEBRUARY 2011	MARCH 2011	39.77	26.47	0.61	66.24	43.08	15.03	124.35
KORONEIKI	LAKONIA	2010-2011	FEBRUARY 2011	MARCH 2011	73.95	22.27	0.26	96.22	3.10	8.64	107.97
KORONEIKI	ZAKYNTHOS	2010-2011	NOVEMBER 2010	DECEMBER 2010	198.65	197.72	0.95	396.37	51.40	33.42	481.19
KORONEIKI	LAKONIA	2010-2011	ALL PERIOD	JULY 2011	33.82	25.92	0.00	59.74	103.43	48.47	211.64
KORONEIKI	ILIA	2010-2011	ALL PERIOD	JULY 2011	11.33	ND	-	14.68	17.98	25.32	57.98
KORONEIKI	ILIA	2010-2011	ALL PERIOD	JULY 2011	ND	ND	-	7.29	15.80	19.66	42.75
KORONEIKI	CRETE	2010-2011	ALL PERIOD	JULY 2011	70.07	70.41	0.96	140.49	58.18	31.57	230.23
KORONEIKI	CRETE	2010-2011	ALL PERIOD	JULY 2011	70.61	33.39	0.43	104.00	33.05	34.07	171.12
KORONEIKI	CRETE	2010-2011	ALL PERIOD	JULY 2011	80.41	54.71	0.64	135.13	53.45	43.11	231.69
KORONEIKI	CRETE	2010-2011	ALL PERIOD	JULY 2011	106.84	54.99	0.48	161.83	88.25	84.24	334.33
KORONEIKI	MESSINIA	2010-2011	ALL PERIOD	JULY 2011	110.88	42.28	0.35	153.16	88.93	50.49	292.57

KORONEIKI	MESSINIA	2010-2011	ALL PERIOD	JULY 2011	77.49	36.09	0.42	113.58	54.95	47.89	216.42
KORONEIKI	CRETE	2010-2011	ALL PERIOD	JULY 2011	62.67	37.05	0.54	99.72	62.96	39.35	202.03
KORONEIKI	CRETE	2010-2011	ALL PERIOD	JULY 2011	79.56	53.67	0.63	133.24	40.16	36.26	209.66
KORONEIKI	CRETE	2010-2011	ALL PERIOD	JULY 2011	184.11	125.75	0.65	309.86	86.71	74.20	470.77
KORONEIKI	CRETE	2010-2011	ALL PERIOD	JULY 2011	56.05	ND	-	59.40	23.56	9.74	92.69
KORONEIKI	CRETE	2010-2011	ALL PERIOD	JULY 2011	88.00	49.59	0.52	137.59	46.96	41.13	225.69
KORONEIKI	MESSINIA	2010-2011	ALL PERIOD	JULY 2011	66.83	48.47	0.68	115.30	111.82	63.21	290.34
KORONEIKI	MESSINIA	2010-2011	ALL PERIOD	JULY 2011	57.87	35.31	0.56	93.18	44.67	39.49	177.34
KORONEIKI	MESSINIA	2010-2011	JANUARY 2011	MAY 2012	28.53	ND	-	31.87	55.89	23.84	111.60
KORONEIKI	ILIA	2010-2011	DECEMBER 2010	DECEMBER 2010	80.89	55.62	0.65	136.51	8.09	9.74	154.34
KORONEIKI	LEFKADA	2010-2011	ALL PERIOD	JANUARY 2011	107.38	72.30	0.63	179.67	54.71	50.33	284.71
KORONEIKI	LAKONIA	2010-2011	DECEMBER 2010	JANUARY 2011	135.28	46.45	0.31	181.73	28.82	49.60	260.15
KORONEIKI	LAKONIA	2010-2011	DECEMBER 2010	DECEMBER 2010	116.30	37.84	0.29	154.15	7.06	18.56	179.77
KORONEIKI	MESSINIA	2010-2011	NOVEMBER-DECEMBER 2010	JANUARY 2011	128.52	106.46	0.79	234.99	74.25	47.24	356.48
KORONEIKI	CRETE	2010-2011	DECEMBER 2010	DECEMBER 2010	122.21	47.51	0.35	169.72	31.51	40.59	241.81
KORONEIKI	ILIA	2010-2011	NOVEMBER 2010	DECEMBER 2010	57.93	24.89	0.38	82.82	2.77	13.87	99.46
KORONEIKI	ZAKYNTHOS	2010-2011	NOVEMBER 2010	DECEMBER 2010	120.62	69.73	0.54	190.35	26.64	28.73	245.71
KORONEIKI	ZAKYNTHOS	2010-2011	NOVEMBER 2010	DECEMBER 2010	24.80	9.43	0.28	34.23	32.76	25.69	92.68
KORONEIKI	ILIA	2010-2011	DECEMBER 2010	DECEMBER 2010	71.67	29.32	0.36	100.99	8.09	10.62	119.70
KORONEIKI	ILIA	2010-2011	ALL PERIOD	JANUARY 2011	72.37	37.70	0.48	110.07	15.02	13.27	138.35
KORONEIKI	CRETE	2010-2011	DECEMBER 2010	JANUARY 2011	97.76	63.12	0.60	160.88	39.15	30.92	230.94
KORONEIKI	LAKONIA	2010-2012	DECEMBER 2010	DECEMBER	141.78	48.87	0.31	190.64	11.28	22.09	224.01

				2010							
KORONEIKI	KEFALONIA	2011-2012	NOVEMBER 2011	NOVEMBER 2011	132.24	60.32	0.42	192.56	10.38	16.80	219.74
KORONEIKI	KORINTHIA	2011-2012	NOVEMBER 2011	DECEMBER 2012	116.84	95.74	0.78	212.59	96.87	60.92	370.37
KORONEIKI	EVIA	2011-2012	DECEMBER 2011	DECEMBER 2011	85.73	23.40	0.23	109.13	3.93	19.96	133.02
KORONEIKI	EVIA	2011-2012	DECEMBER 2011	DECEMBER 2011	91.31	24.45	0.23	115.75	5.23	22.57	143.55
KORONEIKI	MESSINIA	2011-2012	NOVEMBER 2011	DECEMBER 2011	212.10	259.44	1.17	471.54	131.97	78.51	682.01
KORONEIKI	LAKONIA	2011-2012	NOVEMBER 2011	JANUARY 2012	234.56	103.18	0.41	337.74	63.51	42.84	444.10
KORONEIKI	LAKONIA	2011-2012	NOVEMBER 2011	JANUARY 2012	257.99	104.78	0.38	362.77	50.41	46.30	459.48
KORONEIKI	LAKONIA	2011-2012	NOVEMBER 2011	JANUARY 2012	240.35	107.00	0.42	347.35	46.80	45.42	439.57
KORONEIKI	MESSINIA	2011-2012	JANUARY 2012	JANUARY 2012	62.51	14.57	0.18	77.07	ND	6.21	83.28
KORONEIKI	ILIA	2011-2012	DECEMBER 2011	JANUARY 2012	181.21	48.52	0.24	229.73	28.41	21.92	280.06
KORONEIKI	ILIA	2011-2012	DECEMBER 2011	JANUARY 2012	204.00	60.32	0.27	264.33	3.23	15.39	282.95
KORONEIKI	MESSINIA	2011-2012	NOVEMBER 2011	FEBRUARY 2012	183.92	164.12	0.85	348.04	76.14	42.90	467.07
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	FEBRUARY 2012	93.06	57.51	0.58	150.56	32.74	30.12	213.42
KORONEIKI	MESSINIA	2011-2012	NOVEMBER-DECEMBER 2011	FEBRUARY 2012	145.08	100.47	0.65	245.55	57.76	44.27	347.58
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	FEBRUARY 2012	114.18	63.78	0.52	177.95	23.67	20.91	222.53
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	FEBRUARY 2012	111.09	98.46	0.84	209.55	53.72	30.51	293.78
KORONEIKI	MESSINIA	2011-2012	NOVEMBER 2011	FEBRUARY 2012	236.17	163.98	0.66	400.15	61.40	40.96	502.51
KORONEIKI	MESSINIA	2011-2012	NOVEMBER 2011	FEBRUARY 2012	199.67	148.30	0.70	347.96	76.19	52.73	476.88

KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	FEBRUARY 2012	122.12	44.93	0.33	167.05	32.79	35.82	235.66
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	FEBRUARY 2012	159.75	66.25	0.38	226.00	53.50	40.44	319.95
KORONEIKI	MESSINIA	2011-2012	NOVEMBER-DECEMBER 2011	FEBRUARY 2012	191.99	106.71	0.52	298.70	64.43	47.15	410.28
KORONEIKI	MESSINIA	2011-2012	NOVEMBER 2011	FEBRUARY 2012	215.01	217.18	0.96	432.19	120.24	68.68	621.11
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	FEBRUARY 2012	101.24	38.84	0.35	140.08	66.55	45.03	251.66
KORONEIKI	MESSINIA	2011-2012	NOVEMBER 2011	FEBRUARY 2012	196.53	291.67	1.42	488.20	155.94	67.22	711.35
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	FEBRUARY 2012	109.78	46.77	0.39	156.55	60.98	41.98	259.51
KORONEIKI	MESSINIA	2011-2012	NOVEMBER-DECEMBER 2011	FEBRUARY 2012	164.01	113.99	0.66	278.00	85.78	46.96	410.73
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	FEBRUARY 2012	149.01	91.59	0.58	240.60	68.40	44.31	353.31
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	FEBRUARY 2012	106.64	72.52	0.64	179.16	20.40	18.10	217.67
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	FEBRUARY 2012	83.77	42.85	0.47	126.61	44.32	30.03	200.97
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	FEBRUARY 2012	99.95	24.73	0.21	124.68	20.77	27.10	172.56
KORONEIKI	MESSINIA	2011-2012	NOVEMBER-DECEMBER 2011	FEBRUARY 2012	140.35	79.24	0.53	219.59	60.29	35.80	315.68
KORONEIKI	MESSINIA	2011-2012	NOVEMBER-DECEMBER 2011	FEBRUARY 2012	150.26	70.52	0.44	220.78	42.05	39.33	302.16
KORONEIKI	MESSINIA	2011-2012	NOVEMBER 2011	FEBRUARY 2012	197.17	129.19	0.62	326.35	97.18	50.31	473.84
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	FEBRUARY 2012	153.03	79.88	0.49	232.92	36.99	35.57	305.48
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	FEBRUARY 2012	55.98	26.33	0.42	82.31	26.38	24.37	133.05



				2012							
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	FEBRUARY 2012	66.27	20.66	0.26	86.94	23.85	23.70	134.48
KORONEIKI	MESSINIA	2011-2012	NOVEMBER-DECEMBER 2011	FEBRUARY 2012	159.32	93.85	0.55	253.17	56.18	45.19	354.54
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	FEBRUARY 2012	145.67	77.34	0.50	223.01	55.81	45.10	323.93
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	MARCH 2012	95.61	51.46	0.50	147.07	24.25	16.25	187.57
KORONEIKI	LAKONIA	2011-2012	ALL PERIOD	MARCH 2012	128.70	75.71	0.55	204.41	49.45	36.58	290.44
KORONEIKI	LAKONIA	2011-2012	ALL PERIOD	MARCH 2012	117.03	46.88	0.37	163.91	52.84	41.43	258.18
KORONEIKI	MESSINIA	2011-2012	NOVEMBER 2011	MARCH 2012	281.03	126.35	0.42	407.38	61.70	64.57	533.64
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	MARCH 2012	133.25	60.90	0.42	194.15	59.88	50.84	304.87
KORONEIKI	LAKONIA	2011-2012	ALL PERIOD	MARCH 2012	147.18	38.30	0.23	185.48	43.17	57.76	286.41
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	MARCH 2012	162.32	84.59	0.49	246.91	56.25	40.62	343.79
KORONEIKI	CRETE	2011-2012	ALL PERIOD	MARCH 2012	85.19	35.65	0.38	120.85	74.20	41.96	237.00
KORONEIKI	ILIA	2011-2012	ALL PERIOD	MARCH 2012	96.63	29.34	0.27	125.98	8.20	16.69	150.87
KORONEIKI	PAROS	2011-2012	OCTOBER 2011	MARCH 2012	354.96	146.48	0.39	501.44	42.36	44.52	588.32
KORONEIKI	LAKONIA	2011-2012	ALL PERIOD	MARCH 2012	164.43	72.10	0.41	236.53	55.37	51.02	342.91
KORONEIKI	LAKONIA	2011-2012	ALL PERIOD	MARCH 2012	198.34	115.66	0.55	314.00	62.34	44.93	421.26
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	MARCH 2012	76.24	30.31	0.35	106.54	104.58	58.27	269.40
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	MAY 2012	82.71	35.43	0.39	118.15	ND	ND	118.15
KORONEIKI	LAKONIA	2011-2012	ALL PERIOD	MAY 2012	145.23	54.98	0.35	200.21	12.58	18.23	231.02
KORONEIKI	MESSINIA	2011-2012	DECEMBER 2011	MAY 2012	50.89	18.29	0.30	69.19	12.03	20.27	101.49
KORONEIKI	MESSINIA	2011-2012	NOVEMBER 2011	MAY 2012	91.02	43.47	0.44	134.49	17.53	20.98	173.00
KORONEIKI	MESSINIA	2011-2012	DECEMBER 2011	MAY 2012	12.56	ND	-	16.18	ND	9.74	25.92
KORONEIKI	MESSINIA	2011-2012	DECEMBER 2011	MAY 2012	184.33	76.79	0.39	261.12	56.90	41.27	359.29
KORONEIKI	MESSINIA	2011-2012	DECEMBER 2011	MAY 2012	61.58	17.31	0.23	78.89	22.33	28.20	129.41
KORONEIKI	MESSINIA	2011-2012	DECEMBER 2011	MAY 2012	129.09	80.64	0.59	209.74	62.83	39.21	311.78
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	MAY 2012	32.27	26.19	0.77	58.46	25.00	15.44	98.90

KORONEIKI	ATTIKI	2011-2012	NOVEMBER 2011	MAY 2012	143.88	111.23	0.73	255.11	61.33	41.73	358.17
KORONEIKI	ATTIKI	2011-2012	ALL PERIOD	JULY 2012	97.33	54.62	0.52	151.95	43.55	49.90	245.41
KORONEIKI	ATTIKI	2011-2012	ALL PERIOD	JULY 2012	113.44	64.27	0.53	177.71	65.31	59.08	302.10
KORONEIKI	MESSINIA	2011-2012	ALL PERIOD	JULY 2012	82.12	ND	-	85.73	21.69	42.86	150.28
KORONEIKI	MESSINIA	2012-2013	OCTOBER 2012	OCTOBER 2012	393.14	283.40	0.69	676.55	52.68	58.87	788.10
KORONEIKI	PAROS	2012-2013	OCTOBER 2012	OCTOBER 2012	711.86	588.28	0.79	1300.14	120.07	114.03	1534.24
KORONEIKI	PAROS	2012-2013	OCTOBER 2012	OCTOBER 2012	417.45	98.80	0.22	516.25	257.85	40.79	814.89
KORONEIKI	ANTIPAROS	2012-2013	OCTOBER 2012	OCTOBER 2012	357.49	410.95	1.11	768.44	180.28	131.41	1080.13
KORONEIKI	ANTIPAROS	2012-2013	NOVEMBER 2012	DECEMBER 2012	348.04	279.49	0.77	627.52	90.54	63.44	781.50
KORONEIKI	MESSINIA	2012-2013	NOVEMBER 2012	DECEMBER 2012	261.88	179.35	0.65	441.23	74.42	61.14	576.79
KORONEIKI	ATTIKI	2012-2013	DECEMBER 2012	DECEMBER 2012	156.94	40.46	0.21	197.40	13.62	28.09	239.10
KORONEIKI	LAKONIA	2012-2013	NOVEMBER 2012	DECEMBER 2012	198.40	24.96	0.09	223.36	34.04	50.02	307.43
KORONEIKI	ZAKYNTHOS	2012-2013	NOVEMBER 2012	JANUARY 2013	142.22	136.84	0.91	279.06	169.58	87.64	536.28
KORONEIKI	LAKONIA	2012-2013	DECEMBER 2012	JANUARY 2013	74.97	6.50	-	81.47	ND	17.56	99.02
KORONEIKI	LAKONIA	2012-2013	NOVEMBER 2012	JANUARY 2013	176.79	95.16	0.50	271.96	52.68	52.84	377.48
KORONEIKI	ILIA	2012-2013	NOVEMBER 2012	JANUARY 2013	152.76	23.28	0.11	176.04	22.74	21.41	220.19
KORONEIKI	ILIA	2012-2013	NOVEMBER 2012	JANUARY 2013	266.20	73.63	0.25	339.83	41.82	47.04	428.68
KORONEIKI	MESSINIA	2012-2013	NOVEMBER 2012	JANUARY 2013	239.19	101.60	0.39	340.79	36.97	36.77	414.53
KORONEIKI	CRETE	2012-2013	NOVEMBER 2012	JANUARY 2013	157.75	61.38	0.35	219.13	13.89	38.72	271.73
KORONEIKI	LAKONIA	2012-2013	NOVEMBER 2012	JANUARY 2013	247.29	53.69	0.19	300.98	31.50	48.40	380.88
KORONEIKI	ARGOLIDA	2012-2013	NOVEMBER 2012	JANUARY 2013	131.66	65.88	0.45	197.54	15.47	18.30	231.31
KORONEIKI	AXAIA	2012-2013	DECEMBER 2012	JANUARY 2013	176.33	113.35	0.60	289.68	26.10	26.40	342.18
KORONEIKI	CRETE	2012-2013	NOVEMBER 2012	JANUARY 2013	249.83	151.33	0.57	401.16	42.12	43.22	486.49
KORONEIKI	MESSINIA	2012-2013	DECEMBER 2012	JANUARY 2013	55.33	24.07	0.33	79.40	12.81	15.16	107.36

KORONEIKI	AITOLOAKARNANIA	2012-2013	ALL PERIOD	JANUARY 2013	144.73	87.36	0.56	232.09	ND	ND	232.09
KORONEIKI	ZAKYNTHOS	2012-2013	NOVEMBER 2012	JANUARY 2013	341.72	189.12	0.52	530.83	76.51	83.27	690.61
KORONEIKI	ZAKYNTHOS	2012-2013	NOVEMBER 2012	JANUARY 2013	415.08	284.47	0.65	699.54	64.50	64.34	828.38
KORONEIKI	ZAKYNTHOS	2012-2013	NOVEMBER 2012	JANUARY 2013	423.56	297.14	0.67	720.69	68.23	74.32	863.25
KORONEIKI	NAXOS	2012-2013	JANUARY 2013	FEBRUARY 2013	108.43	66.52	0.56	174.96	8.47	11.31	194.73
KORONEIKI	MESSINIA	2012-2013	NOVEMBER 2012	FEBRUARY 2013	205.83	133.68	0.61	339.51	57.66	51.93	449.11
KORONEIKI	LAKONIA	2012-2013	DECEMBER 2012	FEBRUARY 2013	155.02	41.46	0.22	196.49	11.50	16.46	224.44
KORONEIKI	ILIA	2012-2013	ALL PERIOD	FEBRUARY 2013	80.64	29.21	0.29	109.85	3.66	15.23	128.73
KORONEIKI	LAKONIA	2012-2013	JANUARY 2013	FEBRUARY 2013	115.35	87.39	0.70	202.74	41.28	22.09	266.11
KORONEIKI	LAKONIA	2012-2013	JANUARY 2013	FEBRUARY 2013	145.71	100.62	0.64	246.32	60.52	49.50	356.35
KORONEIKI	CYPRUS	2012-2013	DECEMBER 2012	FEBRUARY 2013	248.02	123.72	0.46	371.74	15.64	22.42	409.80
KORONEIKI	CYPRUS	2012-2013	JANUARY 2013	FEBRUARY 2013	251.26	139.89	0.52	391.15	11.56	16.59	419.30
KORONEIKI	CYPRUS	2012-2013	JANUARY 2013	FEBRUARY 2013	267.68	162.24	0.57	429.92	32.97	27.15	490.03
KORONEIKI	CRETE	2012-2013	ALL PERIOD	FEBRUARY 2013	284.62	268.77	0.90	553.39	78.93	52.26	684.58
KORONEIKI	CRETE	2012-2013	ALL PERIOD	FEBRUARY 2013	222.20	60.76	0.24	282.96	18.60	31.78	333.34
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	FEBRUARY 2013	286.45	161.73	0.53	448.19	93.23	69.24	610.66
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	FEBRUARY 2013	50.06	23.62	0.36	73.68	42.79	39.56	156.03
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	FEBRUARY 2013	205.32	51.17	0.21	256.48	6.62	19.24	282.34

				2013							
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	FEBRUARY 2013	83.15	36.51	0.37	119.66	47.20	38.29	205.16
KORONEIKI	CYPRUS	2012-2013	ALL PERIOD	FEBRUARY 2013	4.20	6.50	-	10.70	72.13	58.54	141.38
KORONEIKI	ILIA	2012-2013	ALL PERIOD	MARCH 2013	193.35	44.87	0.20	238.23	6.11	21.80	266.14
KORONEIKI	LAKONIA	2012-2013	ALL PERIOD	MARCH 2013	97.09	83.87	0.80	180.95	72.81	34.86	288.62
KORONEIKI	CRETE	2012-2013	ALL PERIOD	MARCH 2013	129.36	70.83	0.50	200.20	47.13	35.54	282.87
KORONEIKI	CRETE	2012-2013	ALL PERIOD	MARCH 2013	339.07	521.71	1.49	860.78	181.66	128.92	1171.36
KORONEIKI	LAKONIA	2012-2013	ALL PERIOD	MARCH 2013	112.24	75.31	0.62	187.55	74.12	32.43	294.10
KORONEIKI	CRETE	2009-2010	ALL PERIOD	NOVEMBER 2010	82.04	66.50	0.77	148.54	53.06	33.79	235.40
KORONEIKI	CRETE	2009-2010	ALL PERIOD	NOVEMBER 2010	16.95	10.33	0.51	27.27	1.56	9.74	38.58
KORONEIKI	ZAKYNTHOS	2010-2011	NOVEMBER 2010	DECEMBER 2010	56.14	25.37	0.40	81.51	16.02	25.06	122.59
KORONEIKI	ILIA	2010-2011	NOVEMBER 2010	DECEMBER 2010	67.01	21.68	0.28	88.69	1.43	13.00	103.13
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	136.55	112.79	0.78	249.34	75.47	60.78	385.58
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	93.33	40.06	0.36	133.40	28.36	34.86	196.61
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	139.25	51.25	0.32	190.50	38.45	41.34	270.29
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	104.14	23.28	0.16	127.42	28.36	25.14	180.91
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	114.94	45.66	0.34	160.60	41.82	25.14	227.55
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	120.34	51.25	0.37	171.60	95.66	60.78	328.03

KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	158.16	98.80	0.58	256.96	41.82	47.82	346.59
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	131.15	48.46	0.32	179.60	58.64	57.54	295.78
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	133.85	118.38	0.83	252.23	58.64	41.34	352.21
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	190.57	154.74	0.77	345.31	45.18	31.62	422.11
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	36.61	9.30	0.08	45.91	21.63	34.86	102.39
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	139.25	70.83	0.46	210.08	41.82	31.62	283.52
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	155.46	154.74	0.95	310.20	72.10	57.54	439.84
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	90.63	96.00	1.00	186.64	92.29	51.06	329.99
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	136.55	76.43	0.51	212.97	35.09	31.62	279.68
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	171.66	121.18	0.66	292.84	65.37	44.58	402.79
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	152.76	137.96	0.85	290.71	125.94	70.50	<b>487.15</b>
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	209.48	59.64	0.25	269.12	21.63	57.54	348.28
KORONEIKI	MESSINIA	2012-2013	ALL PERIOD	JULY 2013	136.55	48.46	0.31	185.00	45.18	31.62	261.80
KOUTSOURELIA	ACHAIA	2012-2013	DECEMBER 2012	JANUARY 2013	164.13	51.34	0.27	215.46	7.22	17.59	240.28
KOUTSOURELIA	ACHAIA	2011-2012	DECEMBER 2011	APRIL 2012	61.32	23.50	0.33	84.82	ND	ND	84.82
LIANOLIA KERKYRAS	PREVEZA	2012-2013	NOVEMBER 2012	DECEMBER 2012	340.20	87.17	0.23	427.37	11.66	33.01	472.05
LIANOLIA KERKYRAS	PREVEZA	2010-2011	DECEMBER 2010	DECEMBER 2010	160.82	80.91	0.47	241.74	ND	6.21	247.94
LIANOLIA	PREVEZA	2010-2011	NOVEMBER-	JANUARY 2011	111.18	32.59	0.26	143.76	1.56	16.80	162.12

KERKYRAS			DECEMBER 2010								
LOCAL	ZAKYNTHOS	2012-2013	NOVEMBER 2012	JANUARY 2013	559.26	185.79	0.31	745.04	80.78	93.60	919.43
MANAKI	LAKONIA	2009-2010	ALL PERIOD	JANUARY 2011	55.92	15.90	0.23	71.81	ND	2.68	74.49
MANAKI	LAKONIA	2009-2010	ALL PERIOD	JANUARY 2011	71.51	17.07	0.19	88.58	19.89	23.86	132.33
MANAKI	LAKONIA	2009-2010	ALL PERIOD	JANUARY 2011	51.71	16.66	0.26	68.37	6.62	22.64	97.64
MANAKI	ARGOLIDA	2010-2011	ALL PERIOD	JANUARY 2011	48.68	5.64	0.05	54.31	ND	ND	54.31
MANAKI	ARGOLIDA	2010-2011	NOVEMBER 2010	DECEMBER 2010	29.08	13.60	0.39	42.68	ND	6.21	48.89
MANAKI	EVIA	2011-2012	DECEMBER 2011	DECEMBER 2011	52.96	26.13	0.44	79.10	ND	9.74	88.83
MANAKI	KORINTHIA	2011-2012	NOVEMBER 2011	JANUARY 2012	100.91	ND	-	104.25	ND	15.03	119.29
MANAKI	ARGOLIDA	2012-2013	OCTOBER 2012	DECEMBER 2012	143.95	22.58	0.11	166.53	ND	18.17	184.71
MANAKI	PHTHIOTIDA	2012-2013	NOVEMBER 2012	DECEMBER 2012	66.59	6.50	-	73.09	ND	12.47	85.56
MANAKI	KORINTHIA	2012-2013	DECEMBER 2012	JANUARY 2013	63.03	28.96	0.37	91.99	3.42	5.76	101.17
MANAKI	ARGOLIDA	2012-2013	NOVEMBER 2012	JANUARY 2013	36.67	6.50	-	43.17	ND	1.91	45.08
MANAKI	ARGOLIDA	2012-2013	OCTOBER 2012	JANUARY 2013	176.71	116.39	0.62	293.11	39.59	22.00	354.70
MANAKI	ARGOLIDA	2012-2013	NOVEMBER 2012	JANUARY 2013	77.99	32.82	0.34	110.81	ND	ND	110.81
MANAKI	ARGOLIDA	2012-2013	NOVEMBER 2012	JANUARY 2013	74.72	ND	-	81.22	ND	ND	81.22
MANAKI	ARGOLIDA	2012-2013	NOVEMBER 2012	JANUARY 2013	ND	ND	-	10.70	ND	ND	10.70
MANAKI	ARGOLIDA	2010-2011	NOVEMBER 2010	DECEMBER 2010	21.66	ND	-	25.01	ND	6.21	31.22

MEGARITIKI	VIOTIA	2010-2011	NOVEMBER 2010	DECEMBER 2010	41.55	13.18	0.25	54.73	5.56	23.75	84.04
MEGARITIKI	VIOTIA	2010-2011	NOVEMBER 2010	DECEMBER 2010	67.31	9.89	0.10	77.20	4.48	19.04	100.71
MEGARITIKI	VIOTIA	2010-2011	NOVEMBER 2010	DECEMBER 2010	40.58	ND	-	43.93	10.76	8.33	63.02
MEGARITIKI	ATTIKI	2011-2012	NOVEMBER 2011	DECEMBER 2011	188.26	88.93	0.44	277.19	12.56	16.80	306.55
MEGARITIKI	ATTIKI	2011-2012	DECEMBER 2011	DECEMBER 2011	53.73	ND	-	57.07	ND	9.74	66.81
MEGARITIKI	ATTIKI	2011-2012	DECEMBER 2011	DECEMBER 2011	85.90	31.51	0.33	117.41	13.84	22.09	153.34
MEGARITIKI	ATTIKI	2011-2012	DECEMBER 2011	DECEMBER 2011	79.08	ND	-	82.42	ND	7.09	89.51
MEGARITIKI	VIOTIA	2012-2013	NOVEMBER 2012	JANUARY 2013	35.26	26.36	0.62	61.62	36.63	27.34	125.60
MEGARITIKI	KOZANI	2012-2013	ALL PERIOD	JANUARY 2013	90.74	60.20	0.60	150.94	6.85	9.72	167.51
MEGARITIKI	ATTIKI	2010-2011	DECEMBER 2010	DECEMBER 2010	41.85	6.04	0.07	47.89	1.56	2.68	52.13
MEGARITIKI	ATTIKI	2010-2011	NOVEMBER 2010	NOVEMBER 2010	57.07	ND	-	60.41	42.82	38.59	141.82
MEGARITIKI	ATTIKI	2010-2011	DECEMBER 2010	DECEMBER 2010	54.32	ND	-	57.66	1.56	9.74	68.96
THIAKI	ITHAKI	2012-2013	ALL PERIOD	FEBRUARY 2013	403.35	319.99	0.76	723.34	77.89	71.25	872.47
THROUBA	CHIOS	2010-2011	MARCH 2011	MARCH 2011	37.42	ND	-	40.76	ND	ND	40.76
THROUBA	CHIOS	2010-2011	MARCH 2011	MARCH 2011	34.42	16.37	0.41	50.79	32.52	27.51	110.82
THROUBA	THASSOS	2010-2011	NOVEMBER 2010	JULY 2011	207.09	115.13	0.52	322.23	105.61	93.17	521.01
THROUBA	THASSOS	2010-2011	NOVEMBER 2010	JULY 2011	231.35	106.32	0.43	337.67	42.36	43.97	424.01
THROUBA	THASSOS	2010-2011	NOVEMBER 2010	JULY 2011	191.58	100.38	0.49	291.95	71.21	62.68	425.84
THROUBA	THASSOS	2011-2012	OCTOBER 2011	JULY 2012	422.31	214.86	0.48	637.16	172.20	142.30	951.66
THROUBA	THASSOS	2012-2013	NOVEMBER 2012	DECEMBER	287.53	49.57	0.15	337.11	46.49	47.98	431.58

				2012							
THROUBA	THASSOS	2012-2013	NOVEMBER 2012	DECEMBER 2012	212.45	10.14	0.02	222.58	32.06	39.07	293.71
THROUBA	THASSOS	2012-2013	NOVEMBER 2012	DECEMBER 2012	197.59	41.18	0.17	238.77	34.75	40.76	314.28
THROUBA	THASSOS	2012-2013	NOVEMBER 2012	DECEMBER 2012	230.27	21.60	0.06	251.88	27.31	41.37	320.56
THROUBA	THASSOS	2012-2013	NOVEMBER 2012	JANUARY 2013	131.17	33.91	0.21	165.08	16.81	42.64	224.53
THROUBA	THASSOS	2012-2013	NOVEMBER 2012	JANUARY 2013	55.01	18.95	0.24	73.95	48.11	53.81	175.87
THROUBA	THASSOS	2012-2013	NOVEMBER 2012	JANUARY 2013	221.58	128.25	0.54	349.83	53.93	58.77	462.53
THROUBA	THASSOS	2012-2013	NOVEMBER 2012	JANUARY 2013	201.81	75.31	0.34	277.11	36.46	51.58	365.15
THROUBA	THASSOS	2012-2013	ALL PERIOD	MARCH 2013	48.25	23.03	0.36	71.28	ND	ND	71.28
THROUBA	THASSOS	2012-2013	ALL PERIOD	MARCH 2013	378.64	42.58	0.09	421.22	119.71	100.41	641.34
THROUBA	THASSOS	2011-2012	ALL PERIOD	MARCH 2013	219.09	66.89	0.27	285.98	38.32	61.17	385.46
THROUBA	THASSOS	2011-2012	ALL PERIOD	MARCH 2013	268.52	71.47	0.24	339.99	50.16	67.16	457.32
THROUBA	THASSOS	2011-2012	ALL PERIOD	MARCH 2013	260.39	62.10	0.21	322.49	51.37	85.18	459.04
THROUBA	THASSOS	2011-2012	ALL PERIOD	MARCH 2013	515.28	51.31	0.08	566.59	139.27	228.06	933.92
THROUBA	THASSOS	2009-2010	NOVEMBER 2009	DECEMBER 2010	100.42	17.45	0.14	117.87	12.52	68.45	198.85
THROUBA	THASSOS	2010-2011	NOVEMBER 2010	MAY 2011	216.76	113.34	0.49	330.10	49.34	35.13	414.58
THROUBA	THASSOS	2010-2011	NOVEMBER 2010	MAY 2011	188.70	109.02	0.54	297.72	78.54	54.92	431.17
THROUBA	THASSOS	2010-2011	NOVEMBER 2010	MAY 2011	229.05	105.57	0.43	334.62	52.88	37.62	425.12
THROUBA	THASSOS	2010-2011	ALL PERIOD	MAY 2011	138.14	36.72	0.24	174.86	53.34	52.74	280.94
THROUBA	THASSOS	2010-2011	ALL PERIOD	MAY 2011	111.57	33.02	0.26	144.58	19.89	25.62	190.10
THROUBA	KAVALA	2012-2013	NOVEMBER 2012	JANUARY 2013	167.66	101.79	0.56	269.46	35.49	27.21	332.16
THROUBA	KAVALA	2012-2013	NOVEMBER 2012	JANUARY 2013	90.58	53.29	0.52	143.87	18.93	18.11	180.91
THROUBA	KAVALA	2012-2013	NOVEMBER 2012	JANUARY 2013	104.68	34.05	0.26	138.73	17.18	23.65	179.56
THROUBA	KAVALA	2012-2013	NOVEMBER 2012	JANUARY 2013	137.79	ND	-	144.29	37.68	ND	181.97
THROUBA	KAVALA	2012-2013	NOVEMBER 2012	JANUARY 2013	139.52	ND	-	146.02	ND	29.84	175.86



THROUBA	KAVALA	2012-2013	NOVEMBER 2012	JANUARY 2013	35.59	71.33	1.99	106.92	6.35	16.29	129.56
THROUBA	KAVALA	2012-2013	NOVEMBER 2012	DECEMBER 2012	131.69	47.62	0.31	179.30	33.03	30.10	242.43
WILD	MESSINIA	2011-2012	JANUARY 2012	JANUARY 2012	42.75	ND	-	46.09	ND	16.80	62.89
WILD	MAGNESIA	2011-2012	ALL PERIOD	JULY 2012	487.77	ND	-	491.38	12.98	48.93	553.30
WILD	PHTHIOTIDA	2012-2013	OCTOBER 2012	OCTOBER 2012	87.93	12.09	0.06	100.03	ND	16.04	116.06
WILD	PHTHIOTIDA	2012-2013	OCTOBER 2012	OCTOBER 2012	239.19	6.50	-	245.69	ND	28.69	274.37
WILD	CRETE	2012-2013	OCTOBER 2012	OCTOBER 2012	528.19	389.69	0.71	917.88	83.24	73.92	1075.04
WILD	MAGNESIA	2012-2013	NOVEMBER 2012	NOVEMBER 2012	222.98	37.27	0.14	260.25	28.36	21.90	310.50
WILD	LAKONIA	2012-2013	NOVEMBER 2012	NOVEMBER 2012	631.91	103.56	0.15	735.47	108.11	25.14	868.71
WILD	CRETE	2012-2013	DECEMBER 2012	DECEMBER 2012	137.90	6.50	-	144.40	ND	ND	144.40
WILD	MAGNESIA	2012-2013	NOVEMBER 2012	DECEMBER 2012	153.57	35.67	0.19	189.24	11.53	28.38	229.15

ND: not detected

1

2 **Supplementary table 2.** Oleocanthal and oleacein levels in olive oil samples from California

<b>VARIETY</b>	<b>YEAR</b>	<b>Analysis date</b>	<b>oleocanthal mg/Kg</b>	<b>oleacein mg/Kg</b>	<b>D2</b>	<b>D1</b>	<b>Oleuropei n aglycon mg/ Kg</b>	<b>Ligstroside aglycon. mg/ Kg</b>	<b>D3</b>
MISSION <sup>a</sup>	2011-2012	MAY 2012	77.76	57.67	0.70	135.43	169.69	54.3	359.42
MISSION	2011-2012	MAY 2012	61.12	50.56	0.78	111.67	95.66	31.62	238.96
MISSION	2011-2012	MAY 2012	85.90	49.13	0.53	135.03	243.72	138.54	517.29
MISSION	2011-2012	MAY 2012	53.45	46.29	0.82	99.73	112.48	115.86	328.08
MISSION	2011-2012	MAY 2012	36.77	46.23	1.35	83.00	62.01	21.9	166.91
BAROUNI	2011-2012	MAY 2012	260.41	145.60	0.57	406.01	183.15	112.62	701.78
MANZANILLO	2011-2012	MAY 2012	93.57	87.64	0.97	181.22	122.58	44.58	348.37
MISSION	2011-2012	MAY 2012	63.79	49.44	0.79	113.24	139.40	60.78	313.41
MISSION	2011-2012	MAY 2012	58.16	71.84	1.30	130.00	109.12	64.02	303.14
MISSION	2011-2012	MAY 2012	153.00	154.64	0.96	307.64	88.93	34.86	431.43
MISSION	2011-2012	MAY 2012	73.14	51.98	0.67	125.12	55.28	28.38	208.78
LECCINO	2010-2011	SEPTEMBER 2011	224.04	50.76	0.20	274.80	13.1	14.1	302.0
FRANTOIO	2010-2011	SEPTEMBER 2011	129.00	77.11	0.56	206.10	35.3	17.4	258.8
ARBEQUINA	2010-2011	SEPTEMBER 2011	68.97	61.30	0.85	130.27	6.3	ND	136.57

MISSION	2010-2011	SEPTEMBER 2011	78.98	45.49	0.53	124.47	180.5	130.65	435.62
MISSION	2010-2011	SEPTEMBER 2011	73.97	45.49	0.57	119.47	175.8	128.7	423.97
TAGIASCA	2010-2011	SEPTEMBER 2011	28.95	16.52	0.50	45.47	13.2	6.5	65.17
PICUAL	2012-2013	FEBRUARY 2013	5.1	17.2	3.37	22.3	93.20	16.80	132.30
MISSION	2012-2013	FEBRUARY 2013	88.10	90.11	1.02	178.21	<b>342.20</b>	170.03	690.44
MISSION WILD	2012-2013	FEBRUARY 2013	74.13	93.08	1.25	167.22	208.09	60.01	435.32

3 <sup>a</sup>: In Mission variety oleacein was partially overlapped and the presented oleacein values may be overestimated.

4 ND: not detected



Fig. S8 D2 distribution (Oleacein/Oleocanthal ratio) for koroneiki variety from a specific geographic origin (Messinia)

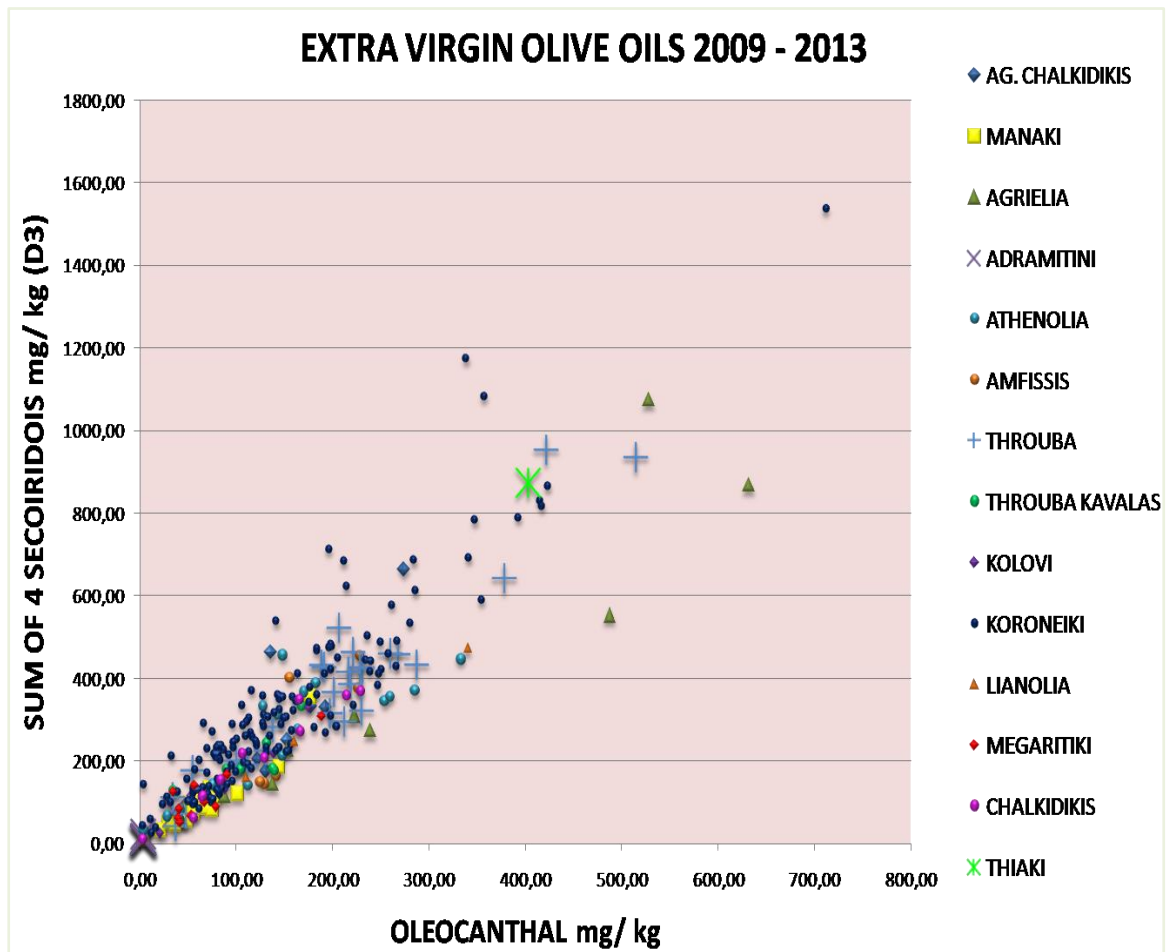


Fig. S9 Relation between olecanthal and D3 index in all studied olive oils from Greece