TABLE S1. Numerically ordered list of specimens examined in the present study (according to the Map ID code " given to each specimen and which is displayed on the map in Figure 1). Their corresponding taxon names, voucher numbers, locality names and molecular markers with the corresponding accession numbers from GenBank are also provided ("x" indicates successful PCR amplification and "–" indicates no amplification product). The lab_number refers to the code given to each specimen used in the laboratory for the present study which is displayed in all the phylogenetic trees.

Map ID	Species	Lab_ number	Locations	Voucher number	Nuclear markers			Chloroplast markers				
					ITS1-ITS2	EXT	MAPKK	psbK-psbI	psbA-trnH	trnL intron	trnL-trnF	rps16
1	*O. calcaratum*	**137b**	Klisoures, Chalki	23905	–	–	–	–	–	–	–	–
2	*O. calcaratum*	**137a**	Klisoures, Chalki	23905	–	–	–	–	–	–	–	–
3	*O. calcaratum*	**87**	Hozoviotissa Monastery, Amorgos	21619	–	–	–	–	–	–	–	–
4	*O. calcaratum*	**84**	Lagada, Amorgos	21620	x	x	x	x	–	–	x	–
5	*O. calcaratum*	**85**	Lagada, Amorgos	21620	x	x	x	x	–	–	x	–
6	*O. calcaratum*	**99**	Hozoviotissa Monastery, Amorgos	21618	–	–	–	–	–	–	–	–
7	*O. calcaratum*	**1**	Roussa Ekklisia, Sitia	21601	–	–	–	–	–	–	–	–
8	*O. calcaratum*	**170**	Roussa Ekklisia, Sitia	21601	x	x	x	x	–	–	–	x
9	*O. calcaratum*	**171**	Roussa Ekklisia, Sitia	21601	–	–	–	–	–	–	–	–
10	*O. calcaratum*	**174**	Roussa Ekklisia, Sitia	21601	x	x	x	x	–	x	–	x
11	*O. calcaratum*	**172**	Roussa Ekklisia, Sitia	21601	–	–	–	–	–	–	–	–
12	*O. calcaratum*	**175**	Roussa Ekklisia, Sitia	21601	–	–	–	–	–	–	–	–
13	*O. calcaratum*	**173**	Roussa Ekklisia, Sitia	21601	–	–	–	–	–	–	–	–
14	*O. dictamnus*	**9**	Kato Symi, Lassithi	21633	–	–	–	–	–	–	–	–
15	*O. dictamnus*	**21**	Sugia, Ag.Irini gorge, Chania	21632	x	x	x	x	x	–	x	–
16	*O. dictamnus*	**14**	Sugia, Ag.Irini gorge, Chania	21633	–	–	–	–	–	–	–	–
17	*O. dictamnus*	**16**	Sugia, Ag.Irini gorge, Chania	21634	–	–	–	–	–	–	–	–
18	*O. dictamnus*	**17**	Sugia, Ag.Irini gorge, Chania	21631	–	–	–	–	–	–	–	–
19	*O. dictamnus*	**19**	Sugia, Ag.Irini gorge, Chania	21633	x	x	x	x	–	x	x	–
20	*O. dictamnus*	**18**	Sugia, Ag.Irini gorge, Chania	21607	x	x	x	x	–	x	–	x

Map ID	Species	Lab_ number	Locations	Voucher number	Nuclear markers			Chloroplast markers				
					ITS1-ITS2	EXT	MAPKK	psbK-psbI	psbA-trnH	trnL intron	trnL-trnF	rps16
21	*O. dictamnus*	**15**	Sugia, Ag.Irini gorge, Chania	21634	–	–	–	–	–	–	–	–
22	*O. dictamnus*	**5**	Sugia, Ag.Irini gorge, Chania	21607	–	–	–	–	–	–	–	–
23	*O. dictamnus*	**10**	Vrysi gorge, Rethymno	21640	–	–	–	–	–	–	–	–
24	*O. dictamnus*	**20**	Sugia, Ag.Irini gorge, Chania	21632	–	–	–	–	–	–	–	–
25	*O. dictamnus*	**34**	Therisso gorge, Chania	21602	x	x	x	x	–	x	x	x
26	*O. dictamnus*	**35**	Sugia, Ag.Irini gorge, Chania	21631	x	x	x	x	x	–	x	–
27	*O. dictamnus*	**33**	Therisso gorge, Chania	21603	x	x	x	x	–	x	x	x
28	*O. dictamnus*	**12**	Skaloti gorge, Chania	21617	–	–	–	–	–	–	–	–
29	*O. dictamnus*	**13**	Skaloti gorge, Chania	21617	–	–	–	–	–	–	–	–
30	*O. dictamnus*	**11**	Skaloti gorge, Chania	21617	–	–	–	–	–	–	–	–
31	*O. dictamnus*	**46**	Mundros gorge, Rethymno	21655	–	–	–	–	–	–	–	–
32	*O. dictamnus*	**103**	Imbros gorge, Chania	21677	–	–	–	–	–	–	–	–
33	*O. dictamnus*	**96**	Imbros gorge, Chania	21606	–	–	–	–	–	–	–	–
34	*O. dictamnus*	**53**	Zaros gorge, Heraklio	21658	x	x	x	x	x	x	x	x
35	*O. dictamnus*	**51**	Zaros gorge, Heraklio	21656	–	–	–	–	–	–	–	–
36	*O. dictamnus*	**52**	Zaros gorge, Heraklio	21657	x	x	x	x	x	x	x	x
37	*O. dictamnus*	**132**	Kamares gorge, Rethymno	23901	–	–	–	–	–	–	–	–
38	*O. dictamnus*	**150**	Kamares gorge, Rethymno	23901	–	–	–	–	–	–	–	–
39	*O. dictamnus*	**3**	Havga gorge, Lassithi	21629	–	–	–	–	–	–	–	–
40	*O. dictamnus*	**8**	Kato Symi, Lassithi	21626	–	–	–	–	–	–	–	–
41	*O. dictamnus*	**4**	Havga gorge, Lassithi	21629	–	–	–	–	–	–	–	–
42	*O. dictamnus*	**6**	Havga gorge, Lassithi	21630	–	–	–	–	–	–	–	–
43	*O. dictamnus*	**105**	Vriomeni Monastery, Ierapetra	21679	–	–	–	–	–	–	–	–
44	*O. dictamnus*	**183**	Katharo, Lassithi	23920	–	–	–	–	–	–	–	–
45	*O. microphyllum*	**2**	Kroussia, Chania	21608	–	–	–	–	–	–	–	–
46	*O. microphyllum*	**42**	Samaria gorge, Chania	21635	x	x	x	x	x	x	x	x
47	*O. microphyllum*	**44**	Samaria gorge, Chania	21636	x	x	x	x	x	x	x	x
48	*O. microphyllum*	**49**	Samaria gorge, Chania	21637	x	x	x	x	–	x	x	x

Map ID	Species	Lab_ number	Locations	Voucher number	Nuclear markers			Chloroplast markers				
					ITS1-ITS2	EXT	MAPKK	psbK-psbI	psbA-trnH	trnL intron	trnL-trnF	rps16
49	*O. microphyllum*	**45**	Samaria gorge, Chania	21639	–	–	–	–	–	–	–	–
50	*O. microphyllum*	**43**	Samaria gorge, Chania	21638	–	–	–	–	–	–	–	–
51	*O. microphyllum*	**58**	Samaria gorge, Chania	21299	x	x	x	x	–	–	x	x
52	*O. microphyllum*	**161**	Kallergi hut, Chania	14594	–	–	–	–	–	–	–	–
53	*O. microphyllum*	**162**	Kallergi hut, Chania	14595	–	–	–	–	–	–	–	–
54	*O. microphyllum*	**7**	Havga gorge, Lassithi	21630	–	–	–	–	–	–	–	–
55	*O. microphyllum*	**27**	Lassithi plataeu	21641	x	x	x	x	x	x	x	x
56	*O. microphyllum*	**54**	Ag. Charalambos, Lassithi	21659	–	–	–	–	–	–	–	–
57	*O. microphyllum*	**36**	Havga gorge, Lassithi	21629	x	x	x	–	–	–	–	–
58	*O. microphyllum*	**56**	Kastamonitsa, Heraklio	21661	x	x	x	x	–	–	x	x
59	*O. microphyllum*	**55**	Ag. Charalambos, Lassithi	21660	–	–	–	–	–	–	–	–
60	*O. microphyllum*	**32**	Diktaion Andro, Lassithi	21604	x	x	x	x	–	x	–	x
61	*O. microphyllum*	**112**	Krasi, Lassithi	21686	–	–	–	–	–	–	–	–
62	*O. microphyllum*	**110**	Karfi, Lassithi	21684	x	x	x	x	–	–	x	–
63	*O. microphyllum*	**111**	Karfi, Lassithi	21685	x	x	x	x	x	–	x	–
64	*O. microphyllum*	**109**	Lagou, Lassithi	21683	–	–	–	–	–	–	–	–
65	*O. microphyllum*	**108**	Lagou, Lassithi	21682	x	x	x	x	x	x	x	–
66	*O. microphyllum*	**113**	Nisimos plataeu, Lassithi	21687	x	x	x	x	–	–	x	–
67	*O. microphyllum*	**117**	Mesa Lassithaki	21700	–	–	–	–	–	–	–	–
68	*O. microphyllum*	**156**	Azilakodasos, Lassithi	14517	–	–	–	–	–	–	–	–
69	*O. microphyllum*	**165**	Havga gorge, Lassithi	14679	–	–	–	–	–	–	–	–
70	*O. microphyllum*	**181**	Katharo, Lassithi	23918	–	–	–	–	–	–	–	–
71	*O. microphyllum*	**168**	Katharo, Lassithi	23921	–	–	–	–	–	–	–	–
72	*O. microphyllum*	**166**	Kastamonitsa, Heraklio	21696	–	–	–	–	–	–	–	–
73	*O. microphyllum*	**182**	Kritsa, Lassithi	23919	–	–	–	–	–	–	–	–
74	*O. microphyllum*	**169**	Katharo, Lassithi	23921	–	–	–	–	–	–	–	–
75	*O. onites*	**131**	Ag. Andreas, Peloponissos	23172	–	–	–	–	–	–	–	–
76	*O. onites*	**130**	Geraki, Peloponissos	23175	–	–	–	–	–	–	–	–
77	*O. onites*	**129**	Oitino, Peloponissos	23179	–	–	–	–	–	–	–	–

Map ID	Species	Lab_ number	Locations	Voucher number	Nuclear markers			Chloroplast markers				
					ITS1-ITS2	EXT	MAPKK	psbK-psbI	psbA-trnH	trnL intron	trnL-trnF	rps16
78	*O. onites*	**163**	Santonini	14669	–	–	–	–	–	–	–	–
79	*O. onites*	**177**	Sifnos	5121	–	–	–	–	–	–	–	–
80	*O. onites*	**28**	Giouhtas Mt.	21642	x	x	x	x	–	x	x	x
81	*O. onites*	**25**	Giouhtas Mt.	21643	x	x	x	x	–	x	x	x
82	*O. onites*	**24**	Spilia, Ag.Irini, Heraklio	20480	x	x	x	–	–	–	–	–
83	*O. onites*	**38**	Eleftherna, Rethymno	21653	–	–	–	–	–	–	–	–
84	*O. onites*	**37**	Eleftherna, Rethymno	21653	x	x	x	x	x	x	x	x
85	*O. onites*	**57**	Kastamonitsa, Heraklio	21662	x	x	x	x	x	–	x	x
86	*O. onites*	**39**	Eleftherna, Rethymno	21653	–	–	–	–	–	–	–	–
87	*O. onites*	**74**	Venerato, Heraklio	21667	x	x	x	x	–	x	x	–
88	*O. onites*	**73**	Roussospiti, Rethymno	21666	x	x	x	x	–	–	x	–
89	*O. onites*	**86**	Aforesmenos, Lassithi	21622	x	x	x	x	x	–	–	–
90	*O. onites*	**72**	Roussospiti, Rethymno	21665	–	–	–	–	–	–	–	–
91	*O. onites*	**94**	Aforesmenos, Lassithi	21623	x	x	x	x	–	–	x	–
92	*O. onites*	**107**	Selinari Lassithi	21681	–	–	–	–	–	–	–	–
93	*O. onites*	**104**	Kera, Lassithi	23923	–	–	–	–	–	–	–	–
94	*O. onites*	**114**	Frathias, Rethymno	21688	–	–	–	–	–	–	–	–
95	*O. onites*	**106**	Mesada, Kastamonitsa	21680	–	–	–	–	–	–	–	–
96	*O. onites*	**128**	Skoteino, Heraklio	23167	–	–	–	–	–	–	–	–
97	*O. onites*	**157**	Almyros dam, Heraklio	21691	–	–	–	–	–	–	–	–
98	*O. onites*	**155**	Ederi, Heraklio	23152	–	–	–	–	–	–	–	–
99	*O. onites*	**152**	Lohria, Psiloritis Mt.	23118	–	–	–	–	–	–	–	–
100	*O. onites*	**159**	Petres gorge, rethymno	21693	–	–	–	–	–	–	–	–
101	*O. onites*	**167**	Kritsa, Lassithi	23922	–	–	–	–	–	–	–	–
102	*O. onites*	**89**	Kritinia, Rhodos	21210	–	–	–	–	–	–	–	–
103	*O. onites*	**123**	Kritinia, Rhodos	23122	x	x	x	–	–	–	–	–
104	*O. onites*	**138**	Chalki	23906	–	–	–	–	–	–	–	–
105	*O. onites*	**118**	Koutsoutis, Rhodos	23141	x	x	x	x	–	–	x	–
106	*O. onites*	**125**	Siana, Rhodos	23137	–	–	–	–	–	–	–	–
107	*O. onites*	**122**	Asklipeio, Rhodos	23129	–	–	–	–	–	–	–	–

Map ID	Species	Lab_ number	Locations	Voucher number	Nuclear markers			Chloroplast markers				
					ITS1-ITS2	EXT	MAPKK	psbK-psbI	psbA-trnH	trnL intron	trnL-trnF	rps16
108	*O. onites*	**119**	Koutsoutis, Rhodos	23141	–	–	–	–	–	–	–	–
109	*O. onites*	**135**	Kastro, Chalki	23903	–	–	–	–	–	–	–	–
110	*O. onites*	**127**	Lindos, Rhodos	23131	–	–	–	–	–	–	–	–
111	*O. onites*	**134**	Pontamos, Chalki	23915	–	–	–	–	–	–	–	–
112	*O. onites*	**120**	Afandou, Rhodos	23140	–	–	–	–	–	–	–	–
113	*O. onites*	**121**	Koutsoutis, Rhodos	23141	x	x	x	x	–	–	x	–
114	*O. onites*	**124**	Siana, Rhodos	23137	x	x	x	x	–	–	x	–
115	*O. onites*	**126**	Lindos, Rhodos	23131	–	–	–	–	–	–	–	–
116	*O. onites*	**136**	Katsias, Chalki	23904	–	–	–	–	–	–	–	–
117	*O. onites*	**139**	Ag. Kyriaki, Chalki	23907	–	–	–	–	–	–	–	–
118	*O. onites*	**145**	Klisoures, Chalki	23905	–	–	–	–	–	–	–	–
119	*O. onites*	**47**	Karpathos, Mesohori	21648	–	–	–	–	–	–	–	–
120	*O. onites*	**101**	Karpathos	21221	–	–	–	–	–	–	–	–
121	*O. onites*	**98**	Symi	21206	x	x	x	x	–	–	x	–
122	*O. onites*	**141**	Ag. Marina, Symi	23909	–	–	–	–	–	–	–	–
123	*O. onites*	**140**	Symi	23908	–	–	–	–	–	–	–	–
124	*O. onites*	**144**	Nanou gorge, Symi	23914	–	–	–	–	–	–	–	–
125	*O. onites*	**142e**	Dysalona bay, Symi	23910	–	–	–	–	–	–	–	–
126	*O. onites*	**143**	Nanou gorge, Symi	23913	–	–	–	–	–	–	–	–
127	*O. onites*	**29**	Lagada, Amorgos	21621	x	x	x	x	–	x	x	x
128	*O. onites*	**31**	Zakros	21625	x	x	x	x	x	x	–	–
129	*O. onites*	**23**	Zakros	21624	x	x	x	x	x	x	x	–
130	*O. onites*	**22**	Zakros	21624	x	x	x	x	x	x	x	x
131	*O. onites*	**82**	Goudouras, Lassithi	21675	x	x	x	x	–	–	x	–
132	*O. onites*	**180**	Rihti gorge, Sitia	23917	–	–	–	–	–	–	–	–
133	*O. onites*	**176**	Mitato, Sitia	21697	–	–	–	–	–	–	–	–
134	*O. onites*	**77**	Kalymnos	21670	–	–	–	–	–	–	–	–
135	*O. onites*	**76**	Kalymnos	21669	x	x	x	x	x	x	x	–
136	*O. onites*	**75**	Kalymnos	21668	–	–	–	–	–	–	–	–
137	*O. onites*	**97**	Katsarini, Samos	21232	x	x	x	x	–	x	x	–

Map ID	Species	Lab_ number	Locations	Voucher number	Nuclear markers			Chloroplast markers				
					ITS1-ITS2	EXT	MAPKK	psbK-psbI	psbA-trnH	trnL intron	trnL-trnF	rps16
138	*O. onites*	**102**	Prof. Ilias, Samos	14646	x	x	x	x	x	–	x	–
139	*O. onites*	**92**	Pnaka, Samos	21233	–	–	–	–	–	–	–	–
140	*O. onites*	**93**	Pnaka, Samos	21233	x	x	x	x	–	–	–	–
141	*O. scabrum*	**147**	Taygetos Mt., Peloponissos	14538	x	x	–	x	–	–	–	–
141a	*O. scabrum*	**147a**	Taygetos Mt., Peloponissos	14538	x	x	–	x	–	–	–	–
142	*O. scabrum*	**147b**	Taygetos Mt., Peloponissos	14538	x	x	–	x	–	–	–	–
143	*O. symes*	**142a**	Dysalona bay, Symi	23910	x	x	–	x	–	–	–	–
144	*O. symes*	**142d**	Dysalona bay, Symi	23910	x	x	–	x	–	–	–	–
145	*O. symes*	**142c**	Dysalona bay, Symi	23910	x	x	–	x	–	–	–	–
146	*O. symes*	**142b**	Dysalona bay, Symi	23910	x	x	–	x	–	–	–	–
147	*O. vetteri*	**48**	Kali Limni Mt., Karpathos	21646	x	x	x	x	–	x	x	x
148	*O. vetteri*	**50**	Kali Limni Mt., Karpathos	21645	x	x	x	x	–	x	x	x
149	*O. vulgare*	**292**	Pylos		–	–	–	–	–	–	–	–
150	*O. vulgare*	**83**	Viliza, Ioannina	20592	–	–	–	–	–	–	–	–
151	*O. vulgare*	**64**	Kalesmeno, Evritania	21365	–	–	–	–	–	–	–	–
152	*O. vulgare*	**71**	Skyros	21664	–	–	–	–	–	–	–	–
153	*O. vulgare*	**146**	Ag. Petros, Arkadia	14550	–	–	–	–	–	–	–	–
154	*O. vulgare*	**26**	Argyroupoli, Rethymno	21644	x	x	x	–	–	–	–	–
155	*O. vulgare*	**30**	Kera, Lassithi	23923	–	–	–	–	–	–	–	–
156	*O. vulgare*	**40**	Kirgiana, Rethymno	21652	–	–	–	–	–	–	–	–
157	*O. vulgare*	**41**	Avdou, Lassithi	21654	x	x	x	x	–	x	x	x
158	*O. vulgare*	**59**	Velonado gorge, Rethymno	21663	x	x	x	x	x	x	x	x
159	*O. vulgare*	**115**	Rodovani, Chania	21689	–	–	–	–	–	–	–	–
160	*O. vulgare*	**95**	Zourva, Chania	20492	–	–	–	–	–	–	–	–
161	*O. vulgare*	**116**	Vouvala peak, Rethymno	21690	–	–	–	–	–	–	–	–
162	*O. vulgare*	**160**	Kourna lake, Chania	21694	–	–	–	–	–	–	–	–
163	*O. vulgare*	**158**	Sises, Rethymno	21692	–	–	–	–	–	–	–	–
164	*O. vulgare*	**62**	Agrafiotis river, Agrafa	21364	x	x	x	x	x	–	x	–
165	*O. vulgare*	**67**	Aspros river,	21358	x	x	x	–	–	–	–	–
166	*O. vulgare*	**61**	Amarandos, Karditsa	21351	x	x	x	x	–	x	x	x

Map ID	Species	Lab_ number	Locations	Voucher number	Nuclear markers			Chloroplast markers				
					ITS1-ITS2	EXT	MAPKK	psbK-psbI	psbA-trnH	trnL intron	trnL-trnF	rps16
167	*O. vulgare*	**63**	Ag. Marina, Karditsa	21356	–	–	–	–	–	–	–	–
168	*O. vulgare*	**69**	Ag. Marina, Karditsa	21356	x	x	x	x	–	x	x	–
169	*O. vulgare*	**66**	Anthiro, Evritania	21357	–	–	–	–	–	–	–	–
170	*O. vulgare*	**70**	Agrafa hut	21353	x	x	x	–	–	–	–	–
171	*O. vulgare*	**68**	Tavropos river, Evritania	21352	x	x	x	x	x	x	x	–
172	*O. vulgare*	**60**	Amarandos, Karditsa	21351	x	x	x	x	–	x	x	x
173	*O. vulgare*	**65**	Karnopi/Svoni, Agrafa	21362	x	x	x	x	x	x	x	–
174	*O. vulgare*	**100**	Vasilades, Karditsa	21251	–	–	–	–	–	–	–	–
175	*O. vulgare*	**88**	Leontito, Karditsa	21247	–	–	–	–	–	–	–	–
176	*O. vulgare*	**91**	Padi, Karditsa	21241	–	–	–	–	–	–	–	–
177	*O. vulgare*	**90**	Leontito, Karditsa	21247	–	–	–	–	–	–	–	–
178	*O. vulgare*	**151**	Rhodia, Messinia	14524	–	–	–	–	–	–	–	–
179	*O. vulgare*	**153**	Kloni, Messinia	14526	–	–	–	–	–	–	–	–
180	*O. vulgare*	**148**	Kryoneri, Messinia	14522	–	–	–	–	–	–	–	–
181	*O. vulgare*	**149**	Arkadikos river	14523	–	–	–	–	–	–	–	–
182	*O. vulgare*	**154**	Messinia, Peloponissos	14538	–	–	–	–	–	–	–	–
183	*O. vulgare*	**79**	Durduvana Mt., Peloponnisos	21672	x	x	x	x	x	–	x	–
184	*O. vulgare*	**81**	Durduvana Mt., Peloponnisos	21674	–	–	–	–	–	–	–	–
185	*O. vulgare*	**80**	Durduvana Mt., Peloponnisos	21673	–	–	–	–	–	–	–	–
186	*O. vulgare*	**78**	Durduvana Mt., Peloponnisos	21671	–	–	–	–	–	–	–	–
187	*O. vulgare*	**187**	Paggaio Mt.	25065	–	–	–	–	–	–	–	–
188	*O. vulgare*	**188**	Paggaio Mt.	25061	–	–	–	–	–	–	–	–
189	*O. vulgare*	**186**	Paggaio Mt.	25067	–	–	–	–	–	–	–	–
190	*O. vulgare*	**133**	Glykoneri, Grammos	23265	–	–	–	–	–	–	–	–
191	*O. vulgare*	**164**	Pefkos, Grammos	23268	–	–	–	–	–	–	–	–
192	*O. vulgare*	**185**	Livadotopi, Grammos	23266	–	–	–	–	–	–	–	–
193	*O. vulgare*	**184**	Lagka, Grammos	23262	–	–	–	–	–	–	–	–
194	*Satureja thymbra*	**179**	Tenda, Sitia	23916	–	–	–	–	–	–	–	–

Map ID	Species	Lab_ number	Locations	Voucher number	Nuclear markers			Chloroplast markers				
					ITS1-ITS2	EXT	MAPKK	psbK-psbI	psbA-trnH	trnL intron	trnL-trnF	rps16
195	*Satureja thymbra*	**178**	Vai, Sitia	21698	–	–	–	–	–	–	–	–
196	*Thymbra capitata*	–	–	Drew & Sytsma, 2012 / Federici *et al*., 2012	**JQ669137**	**JQ669214**	–	–	**HE819478**	–	–	–

TABLE S2. Names of the genes, primer pairs, primer sizes and PCR protocols used.

Gene name	Primer pairs	Size	PCR conditions	Reference
***ITS*1-*ITS*2**	ITS-5: GGAAGGAGAAGTCGTAACAAGG ITS-4: TCCTTCCGCTTATTGATATGC	~500	3mM MgCl, 94˚C/1min 54˚C/30sec 72˚C/2min x30 cycles	(DOWNIE & KATZ-DOWNIE 1996)
ETS	ETS -F: TTTGYGTGATGGATCCCTGCT ETS-R: AGGTAGCATTCCTCAYCGACG	~ 370	3mM MgCl, 96˚C/15sec 58˚C/10sec 72˚C/30sec x35 cycles	unpublished record
MAPKK1	mapkk1-F: TGTAAGTCCCAACAAATGTGTC mapkk1-R: TGTTCGCCATAAATGGGTT	~ 500	3mM MgCl, 94˚C/1min 48˚C/30sec 72˚C/8min x30 cycles	(CURTO *et al.* 2012)
***psbA*-trnH**	intpsbA-F: CGCGCATGGTGGATTCACAATCC inttrnH-R: GTTATGCATGAACGTAATGCTC	~ 400	3mM MgCl, 94˚C/1min, 52˚C/30sec, 72˚C/2min x30 cycles	(SHAW *et al*. 2005)
psbK-psbI	*psb*K-F: GAATAATAATATCCTAGAAAATGCA *psb*I-R: GATCTTCCATTTTTCTACCACA	~ 300	3mM MgCl, 96˚C/15sec 56˚C/10sec 72˚C/30sec x35 cycles	(LUKAS & NOVAK 2013a)
***rps*16**	rps16-F: GTGGTAGAAAGCAACGTGCGACT rps16-R: TCGGGATCGAATATCAATTGCAAC	~ 900	3mM MgCl, 94˚C/1min, 52˚C/30sec 72˚C/2min x30 cycles	unpublished record
***trn*L-F**	*trn*L-c: CGAAATCGGTAGACGCTAC *trn*L-d: GGGGATAGAGGGACTTGAAC	~ 450	3mM MgCl, 94˚C/1min 52˚C/30sec 72˚C/2min x30 cycles	(TABERLET *et al*. 1991)
	*trn*L-e: GGTTCAAGTCCCTCTATCCC *trn*F-f: ATTTGAACTGGTGACACGAG	~350		

Table S3. Morphological characters and coding for the TNT morphological analysis of the *Origanum* taxa

1. Stem indumentum: lannate (0); tomentose (1); pillose (2); setose (3); pubescent (4); glabrous (5)

2. Leaf indumentum: tomentose (0); lannate (1); branched lannate (2); glandular pillose (3); strigose on veins (4); glabrous (5); villose (6)

3. Shape of leaves: ovate (0); broadly ovate (1); ovate to obovate (2); ovate to orbicular (3); ovate to oval (4); obovate (5); suborbicular (6); oval (7); cordate (8)

4. Leaf texture: thick (0); leathery (1); thin/papery (2)

5. Spike shape: cylindrical to pyramidal (0); subglobose to cylindrical (1); ovoid (2); ovoid to subglobose (3); subglobose (4); globose (5)

6. Bract shape: obovate (0); elliptical to ovate (1); broadly ovate (2); roundish (3); oval (4); suborbicular to obovate (5); cordate (6); oblong-ovate (7)

7. Bract Top shape: roundish (0); acute (1); acute to acuminate (2); obtuse (3)

8. Bract length in mm: 9 (0); 7 (1); 6.5 (2); 4 (3); 3.5 (4); 3 (5)

9. Bract width in mm: 7 (0); 4.5 (1); 4 (2); 3 (3); 2.5 (4); 2 (5)

10. Bract colour: green (0); greenish purple (1); whitish (2); purple (3)

11. Bract indumentum: glabrous (0); ciliate (1); pilosellous (2); pillose (3); tomentellous (4)

12. Calyx shape: ovate to obovate (0); oval (1); roundish (2); lanceolate to elliptical (3)

13. Calyx Lip shape: 1 lip (0); 2 lips (1)

14. Calyx lower lip shape: absent (0); present with 2 lobes (1); present entire (2)

15. Calyx Teeth shape: triangular or deltoid (0); deltoid (1); acuminate (2); entire to denticulate (3); absent (4); 5-acuminate equal (5)

16. Calyx throat indumentum: pillose (0); pilosellous (1); glabrous (2)

17. Corolla shape: saccate (0); slightly saccate (1); not saccate (2)

18. Corolla indumentum: glabrous (0); pilosellous (1)

19. Corolla colour: pink (0); purple (1); white (2); white-purple (3)

20. Corolla size: 5 (0); 7 (1); 9 (2); 11 (3); 13 (4); 15 (5)

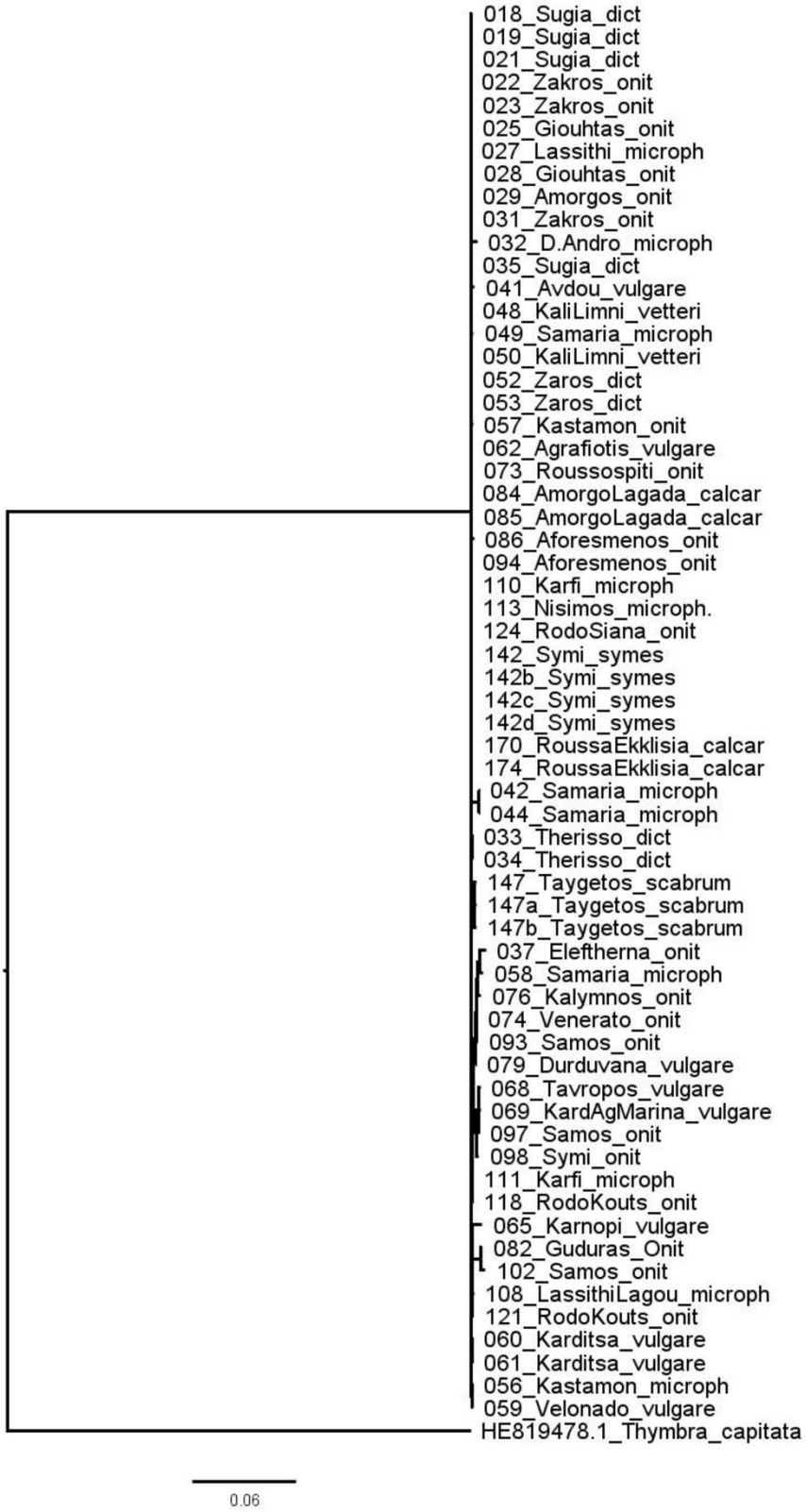

Fig. S1. Bayesian inference tree based on the five chloroplast loci (psbK-psbI, psbA-trnH, trnL intron, trnL-F intergenic spacer, and rps16).

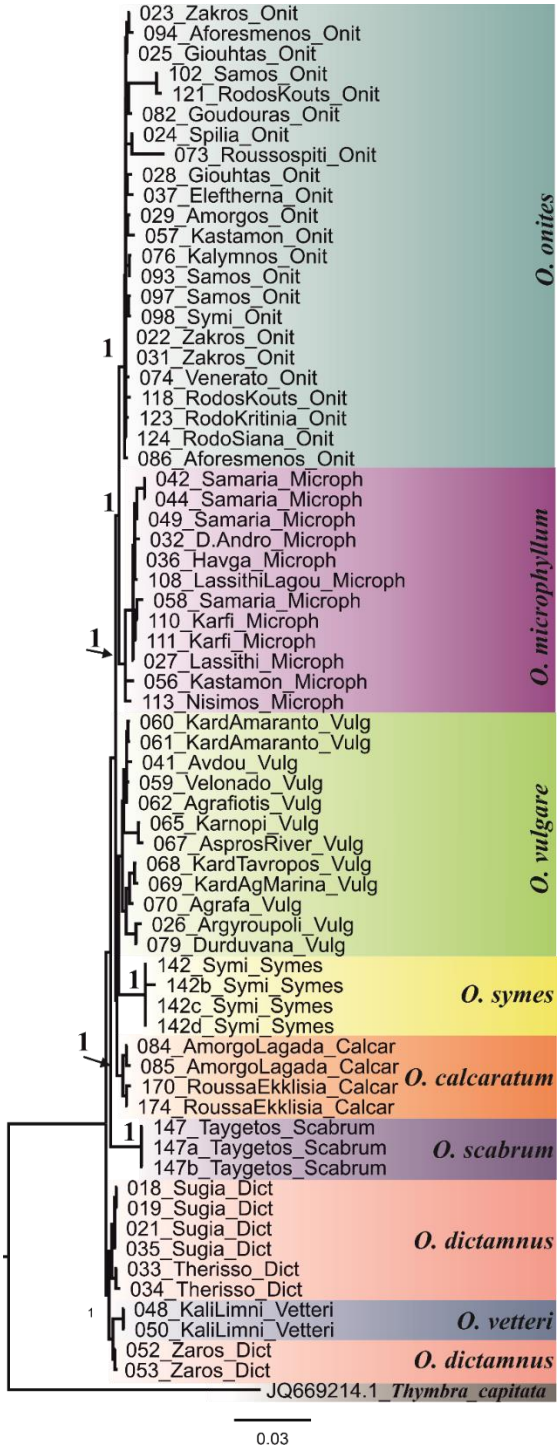

Fig. S2. Bayesian inference tree based on concatenated nuclear and chloroplast loci. The posterior probability value (PP) is given on the top of the branches. No values indicate low statistical support.

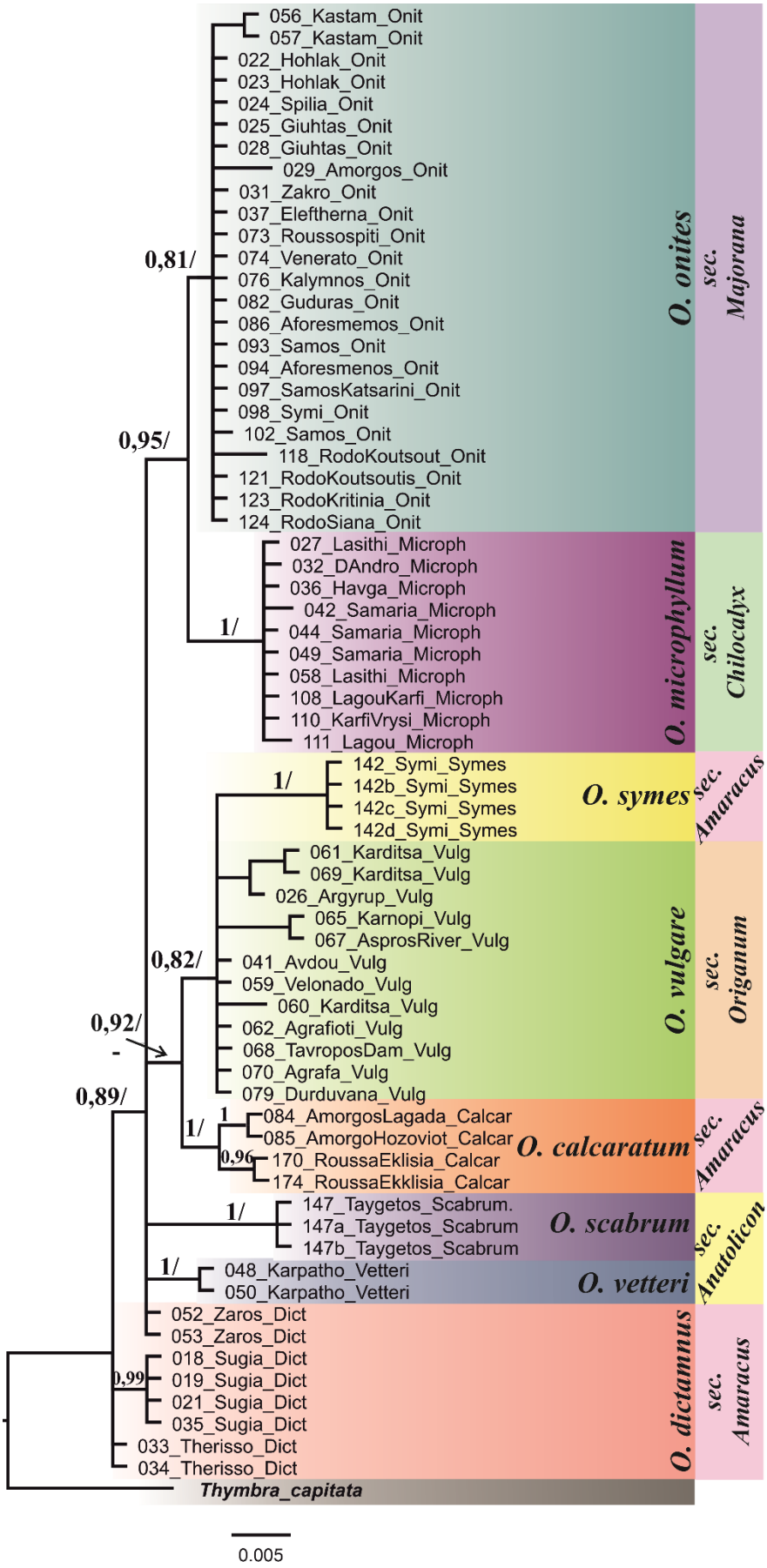

Fig. S3. Bayesian inference tree based on the ITS1-ITS2 nuclear locus. The posterior probability value (PP) and bootstrap support (bs) are given on the top of the branches. No values indicate low statistical support.