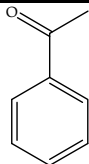
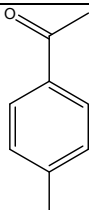
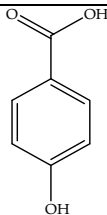
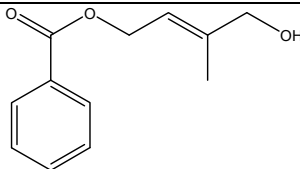
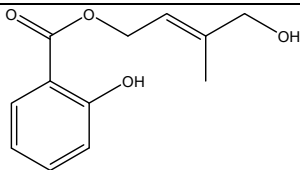
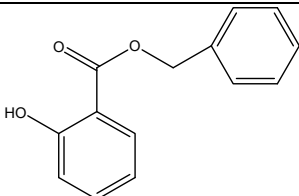
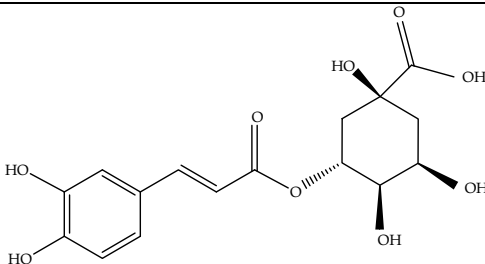
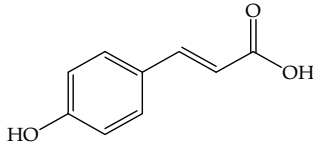
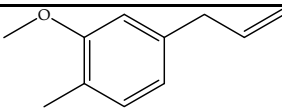
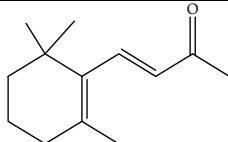
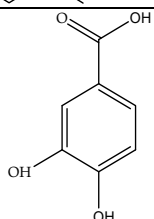
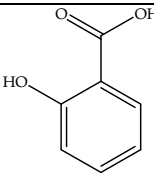
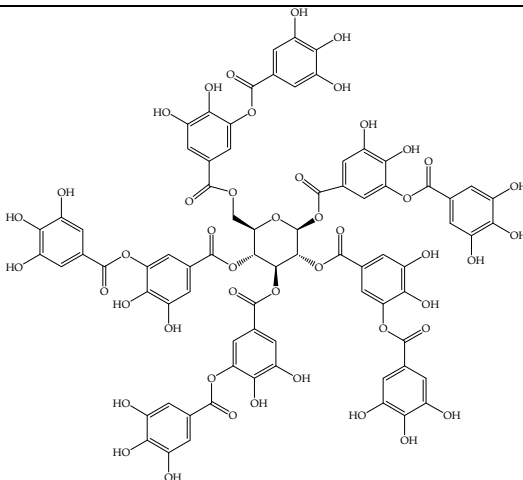
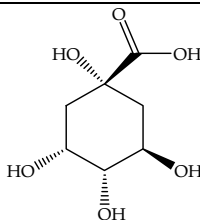


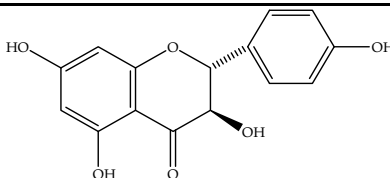
Table S1. Bioactive metabolites identified in *Dittrichia graveolens* L.

PHENOLIC COMPOUNDS AND DERIVATIVES			
Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
1 Acetophenone	C ₈ H ₈ O		Essential oil [28, 29]
2 Acetophenone, 4-methyl	C ₉ H ₁₀ O		Essential oil [19]
3 Benzoic acid, 4-OH (syn. Benzoic acid, <i>p</i> -hydroxy)	C ₇ H ₆ O ₃		Aerial parts [17] Leaves [32]
4 Benzoic acid derivative 1	C ₁₂ H ₁₄ O ₃		Aerial parts [15]
5 Benzoic acid derivative 2	C ₁₂ H ₁₄ O ₄		Aerial parts [15]
6 Benzyl salicylate	C ₁₄ H ₁₂ O ₃		Essential oil [26]
7 Chlorogenic acid	C ₁₆ H ₁₈ O ₉		Leaves [32]
8 <i>p</i> -Coumaric acid	C ₉ H ₈ O ₃		Leaves [32]

PHENOLIC COMPOUNDS AND DERIVATIVES

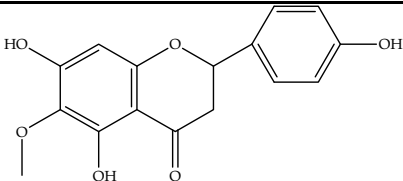
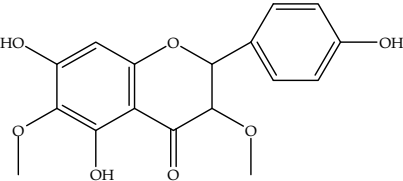
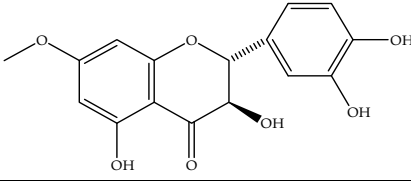
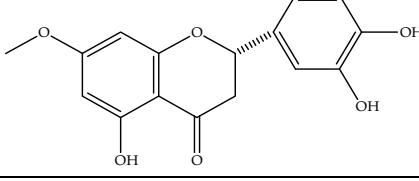
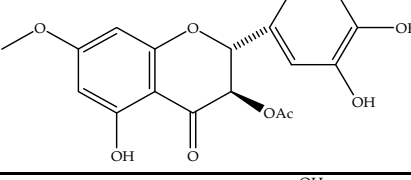
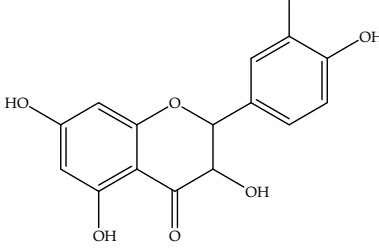
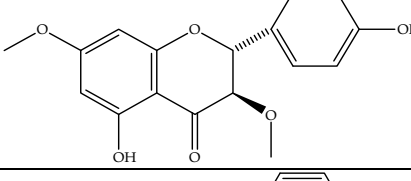
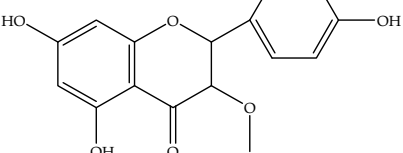
	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
9	Eugenol	C ₁₀ H ₁₂ O ₂		Essential oil [16]
10	(<i>E</i>)- β -Ionone	C ₁₃ H ₂₀ O		Essential oil [19, 28]
11	Protocatechuic acid	C ₇ H ₆ O ₄		Leaves [32]
12	Salicylic acid	C ₇ H ₆ O ₃		Leaves [32]
13	Tannic acid	C ₇₆ H ₅₂ O ₄₆		Leaves [32]
14	Quinic acid	C ₇ H ₁₂ O ₆		Leaves [32]

FLAVONOIDS AND DERIVATIVES

	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
15	Aromadendrin	C ₁₅ H ₁₂ O ₆		Aerial parts [17]

FLAVONOIDS AND DERIVATIVES

	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
16	Aromadendrin, 3- <i>epi</i> -acetyl-7- <i>O</i> -methyl	$C_{18}H_{16}O_6$		Aerial parts [17]
17	Aromadendrin, 3- <i>O</i> -acetyl-7- <i>O</i> -methyl	$C_{18}H_{16}O_7$		Aerial parts [17]
18	Aromadendrin, 7- <i>O</i> -methyl	$C_{16}H_{14}O_6$		Aerial parts [17]
19	Catechin	$C_{15}H_{14}O_6$		Aqueous residue of leaves and flowers hydrodistillation [11]
20	Hesperetin	$C_{16}H_{14}O_6$		Leaves [32]
21	Hyperoside	$C_{21}H_{20}O_{12}$		Leaves [32]
22	Kaempferol	$C_{15}H_{12}O_6$		Aerial parts [17]

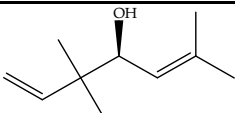
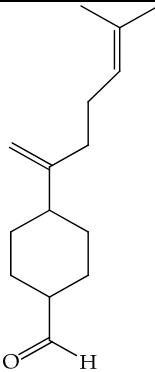
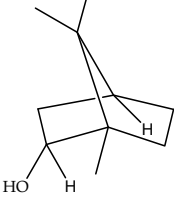
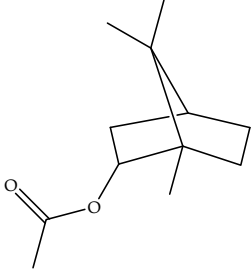
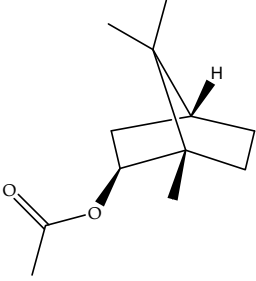
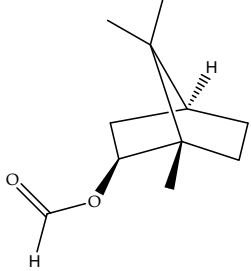
FLAVONOIDS AND DERIVATIVES				
Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.	
23	Kaempferol, 3-methyl ether	<chem>C16H14O6</chem>		Aerial parts [17]
24	Kaempferol, 6-hydroxy-3,6-dimethylether	<chem>C17H16O7</chem>		Aerial parts [17]
25	Padmatin	<chem>C16H14O7</chem>		Aerial parts [17]
26	Padmatin, 3- <i>epi</i>	<chem>C16H16O6</chem>		Aerial parts [17]
27	Padmatin, 3- <i>O</i> -acetyl	<chem>C18H16O8</chem>		Aerial parts [17]
28	Quercetin	<chem>C15H10O7</chem>		Aqueous residue of leaves and flowers hydrodistillation [11] Leaves [32]
29	Sakuranetin	<chem>C16H14O5</chem>		Aerial parts [17]
30	Scutellarein, 6-methylether	<chem>C16H14O6</chem>		Aerial parts [17]

FLAVONOIDS AND DERIVATIVES

Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
31	Taxifolin, 3-O-acetyl	<chem>C17H14O8</chem>	Aerial parts [17]

TERPENES AND DERIVATIVES

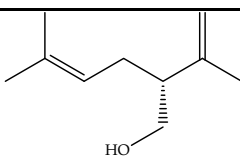
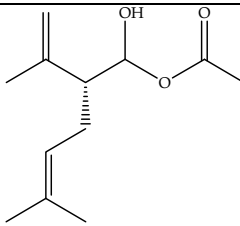
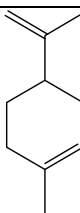
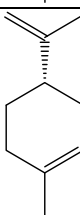
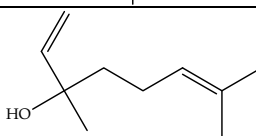
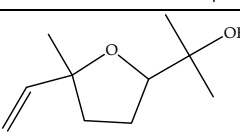
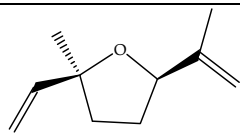
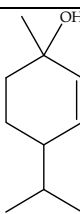
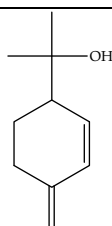
Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
32	4- <i>epi</i> Abietol	<chem>C20H30</chem>	Essential oil [30]
33	Chrysanthenone	<chem>C10H14O</chem>	Essential oil [20]
34	Laurenene	<chem>C20H32</chem>	Essential oil [25]
35	Longipinanol	<chem>C15H26O</chem>	Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
36	Pinocarvone	<chem>C10H14O</chem>	Essential oil [10]
37	<i>trans</i> -Pinocarveol	<chem>C10H16O</chem>	Essential oil [10, 20]

MONOTERPENES AND DERIVATIVES				
	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
38	Artemisia alcohol	C ₁₀ H ₁₈ O		Essential oil [19, 29]
39	β -Bisabolenal	C ₁₄ H ₂₂ O		Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
40	Borneol	C ₁₀ H ₁₈ O		Essential oil [10, 19-24, 26-30]
41	Bornyl acetate	C ₁₂ H ₂₀ O ₂		Essential oil [10, 18, 19, 21-24, 26, 28-30]
42	<i>iso</i> Bornyl acetate	C ₁₂ H ₂₀ O ₂		Essential oil [20]
43	<i>iso</i> Bornyl formate	C ₁₁ H ₁₈ O ₂		Essential oil [28]

MONOTERPENES AND DERIVATIVES			
Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
44	<i>iso</i> Bornyl isobutyrate, 8-isobutyryloxy	<chem>C18H30O4</chem>	Supercritical fluid extraction (SFE) extract [25]
45	<i>iso</i> Bornyl isovalerate	<chem>C15H26O2</chem>	Essential oil [28]
46	<i>iso</i> Bornyl propanoate	<chem>C13H22O2</chem>	Essential oil [23, 28]
47	Camphene	<chem>C10H16</chem>	Essential oil [19-24, 28-30]
48	Camphene hydrate	<chem>C10H18O</chem>	Essential oil [19, 20, 27]
49	Camphor	<chem>C10H16O</chem>	Essential oil [19, 20, 23, 27-30]
50	δ -2-Carene	<chem>C10H16</chem>	Essential oil [24]

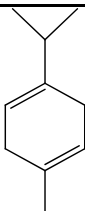
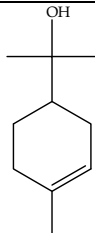
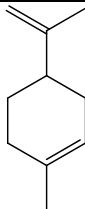
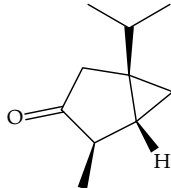
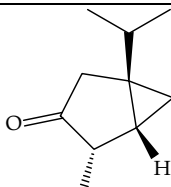
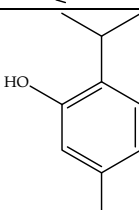
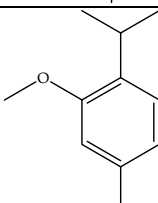
MONOTERPENES AND DERIVATIVES				Part of <i>Dittrichia graveolens</i> L.
Compound	Formula	Structure		
51	Carvacrol	<chem>C10H14O</chem>		Essential oil [19]
52	Carveol	<chem>C10H16O</chem>		Essential oil [30]
53	<i>cis</i> -Carveol	<chem>C10H16O</chem>		Supercritical fluid extraction (SFE) extract [25]
54	Carvone	<chem>C10H14O</chem>		Essential oil [19]
55	Cineole, 1,8 (syn. Eucalyptol)	<chem>C10H18O</chem>		Essential oil [10, 16, 20, 21, 30] Supercritical fluid extraction (SFE) extract [25]
56	Cineole, 1,8-dehydro (syn. Cineol, 2,3-dehydro-1,8)	<chem>C10H16O</chem>		Essential oil [19, 20, 24, 28, 29] Supercritical fluid extraction (SFE) extract [25]
57	β -Cyclocitral	<chem>C10H16O</chem>		Essential oil [28]
58	<i>p</i> -Cymen-8-ol	<chem>C10H14O</chem>		Essential oil [19, 28]

MONOTERPENES AND DERIVATIVES			
Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
59	<i>p</i> -Cymen-9-ol	<chem>C1=CC=C(C=C1)C(C)C(O)C</chem>	Essential oil [20]
60	<i>m</i> -Cymene	<chem>CC1=CC=C(C=C1)C(C)C</chem>	Essential oil [28]
61	<i>p</i> -Cymene	<chem>CC1=CC=C(C=C1)C(C)C</chem>	Essential oil [10, 19, 23, 28, 29]
62	<i>p</i> -Cymenene	<chem>CC1=CC=C(C=C1)C(C)=C</chem>	Essential oil [19, 23, 29]
63	(<i>E</i>)- β -Damascenone	<chem>CC1=C(C)C(=C(C)C1)C(=O)C=C</chem>	Essential oil [23, 28]
64	Fenchol	<chem>CC12CCC3C1(C)CCC4C3(C)CC(C4)O</chem>	Essential oil [10, 19]
65	<i>Exo</i> -Fenchyl alcohol	<chem>CC12CCC3C1(C)CCC4C3(C)CC(C4)O</chem>	Essential oil [20]
66	Geranyl acetone	<chem>CC(=O)CCC/C=C/C(C)CC/C=C/C(C)C</chem>	Essential oil [19, 28]
67	<i>neo</i> -Isothujan-3-ol	<chem>CC12CCC3C1(C)CCC4C3(C)CC(C4)O</chem>	Essential oil [28]

MONOTERPENES AND DERIVATIVES				
	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
68	Lavandulol	C ₁₀ H ₁₈ O		Essential oil [19]
69	Lavandulol acetate	C ₁₂ H ₂₀ O ₃		Essential oil [24]
70	Limonene	C ₁₀ H ₁₆		Essential oil [19, 22, 23, 28, 29]
71	L-Limonene	C ₁₀ H ₁₆		Essential oil [20, 30]
72	Linalool	C ₁₀ H ₁₈ O		Essential oil [10, 19, 23, 29, 30]
73	cis Linalool oxide	C ₁₀ H ₁₈ O ₂		Essential oil [28]
74	cis-Linalool oxide, dehydroxy	C ₁₀ H ₁₆ O		Essential oil [28]
75	p-Menth-2-en-1-ol	C ₁₀ H ₁₈ O		Essential oil [20]
76	p-Mentha-1(7),2-dien-8-ol (β-phellandren-8-ol)	C ₁₀ H ₁₆ O		Essential oil [19]

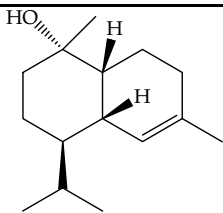
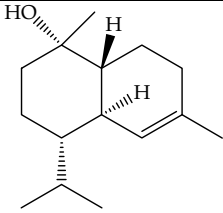
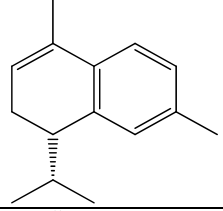
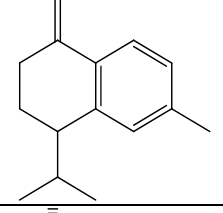
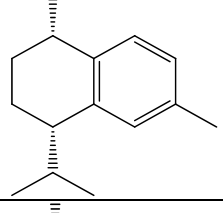
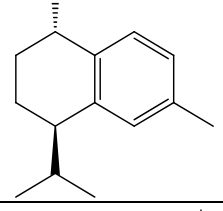
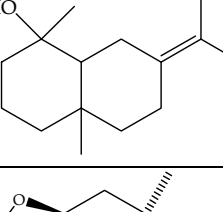
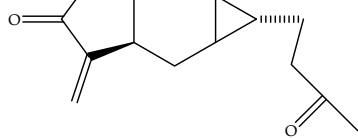
MONOTERPENES AND DERIVATIVES			
Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
77	<i>trans-p</i> -Mentha-1(7),8-dien-2-ol	<chem>C1=CC(C=C(C1)O)C=C</chem>	Essential oil [28]
78	<i>p</i> -Mentha-1,5-dien-8-ol (syn. α -Phellandren-8-ol)	<chem>CC(C)(O)C1=CC=CC=C1C=C</chem>	Essential oil [19, 20]
79	Myrcene	<chem>CC(C)=CC(=C)C=C</chem>	Essential oil [10, 19, 26]
80	Myrtenal	<chem>CC1(C)C=CC(C1)C=O</chem>	Essential oil [28]
81	Myrtenol	<chem>CC1(C)C=CC(C1)CO</chem>	Essential oil [10]
82	Nerol oxide	<chem>CC1=CC=C(C1O)C=C</chem>	Essential oil [28, 29]
83	Perilla aldehyde	<chem>CC1=CC=CC=C1C=O</chem>	Essential oil [19, 28]
84	α -Phellandrene	<chem>CC1=CC=CC=C1C=C</chem>	Essential oil [10, 19, 30]

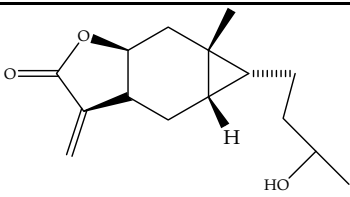
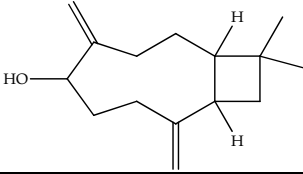
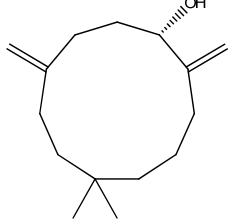
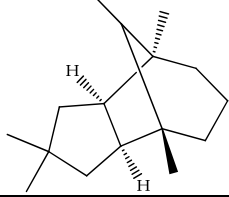
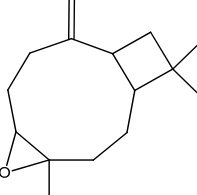
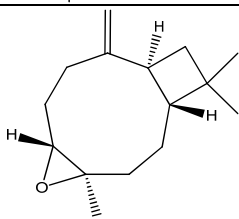
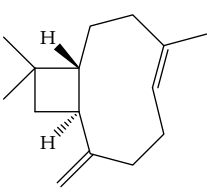
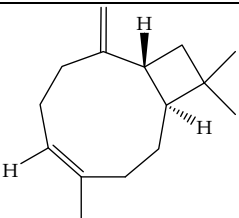
MONOTERPENES AND DERIVATIVES			
Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
85	β -Phellandrene	<chem>C1=CC=C(C=C1)C(C)C</chem>	Essential oil [19]
86	α -Pinene	<chem>CC1=C(C)CC2=C1C(=C)C(C)C2</chem>	Essential oil [10, 19, 22-24, 26-30]
87	β -Pinene	<chem>CC1=C(C)CC2=C1C(=C)C(C)C2</chem>	Essential oil [10, 19-24, 28-30]
88	Piperitone	<chem>CC(C)C1=CC(=O)C=C(C)C1</chem>	Essential oil [19, 28]
89	Sabinene	<chem>CC1=CC2(C)CC1(C)C2</chem>	Essential oil [26]
90	Santolina alcohol	<chem>CC(C)(O)C=C(C)C=C(C)C</chem>	Essential oil [19, 29]
91	Santolinatriene	<chem>CC(C)=CC=C(C)C=C(C)C</chem>	Essential oil [19, 29]
92	Terpinen-4-ol (syn. Terpin-4-ol)	<chem>CC(C)(O)C1=CC=CC=C1C</chem>	Essential oil [10, 19, 20]
93	α -Terpinene	<chem>CC1=CC=CC=C1C</chem>	Essential oil [19, 29]

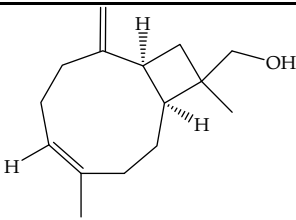
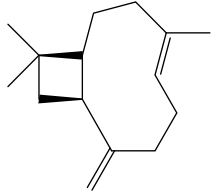
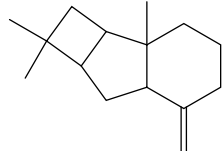
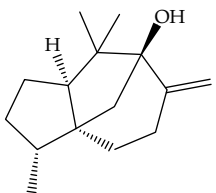
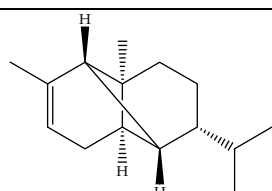
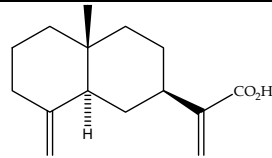
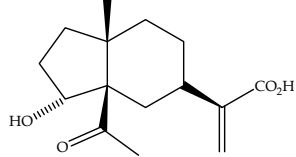
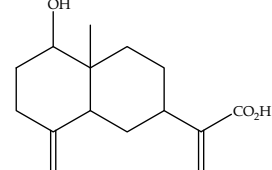
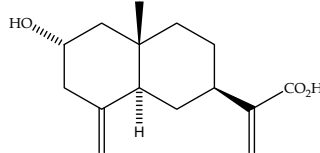
MONOTERPENES AND DERIVATIVES				
	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
94	γ -Terpinene	C ₁₀ H ₁₆		Essential oil [10, 19, 23, 25, 29]
95	α -Terpineol	C ₁₀ H ₁₈ O		Essential oil [10, 16, 19, 21, 22, 28, 30]
96	Terpinolene	C ₁₀ H ₁₆		Essential oil [19, 23, 29]
97	<i>trans</i> -Thujone (syn. α -Thujone)	C ₁₀ H ₁₆ O		Essential oil [20]
98	β -Thujone	C ₁₀ H ₁₆ O		Essential oil [29, 30]
99	Thymol	C ₁₀ H ₁₄ O		Essential oil [19, 24, 28, 30]
100	Thymol, methyl ether	C ₁₁ H ₁₆ O		Essential oil [20, 23]

MONOTERPENES AND DERIVATIVES			
Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
101	Vestitenone	<chem>C12H18O</chem>	Essential oil [25]
102	<i>trans</i> -Vetrocital C	<chem>C9H14O</chem>	Supercritical fluid extraction (SFE) extract [25]
SESQUITERPENES			
Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
103	1H-Cycloprop[e]azulene, 1a,2,3,4,4a,5,6,7β-octahydro-1,1,4,7-tetramethyl	<chem>C15H24</chem>	Essential oil [20]
104	4,5-di- <i>epi</i> -Aristolochene	<chem>C15H24</chem>	Essential oil [19, 20, 28]
105	Aromadendrene	<chem>C15H24</chem>	Essential oil [20, 26]
106	<i>allo</i> -Aromadendrene	<chem>C15H24</chem>	Essential oil [19, 20, 26, 27, 29]
107	Bigelovin	<chem>C18H22O4</chem>	Epigeal parts extracts [13]

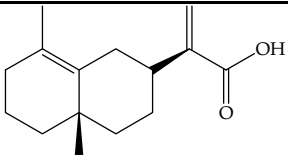
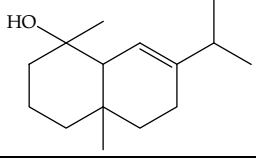
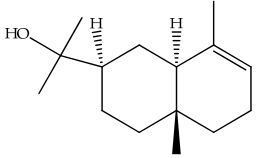
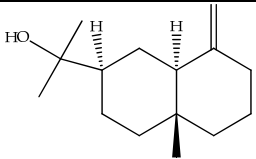
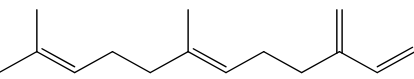
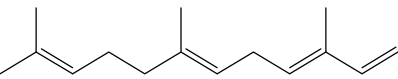
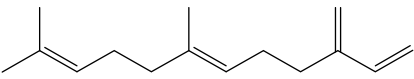
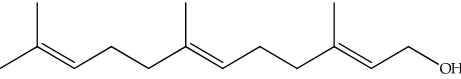
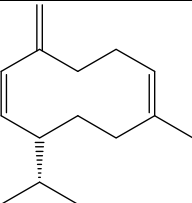
SESQUITERPENES			
Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
108	α -Bisabolol	<chem>C15H26O</chem>	Essential oil [28]
109	Cadalene	<chem>C15H18</chem>	Essential oil [19]
110	Cadina-1,4-diene	<chem>C15H24</chem>	Essential oil [19]
111	α -Cadinene	<chem>C15H24</chem>	Essential oil [19, 21, 29]
112	γ -Cadinene	<chem>C15H24</chem>	Essential oil [19, 22, 23, 29]
113	δ -Cadinene	<chem>C15H24</chem>	Essential oil [19, 20, 24, 26, 29, 30]
114	α -Cadinol	<chem>C15H26O</chem>	Essential oil [19]

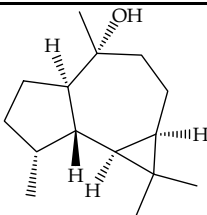
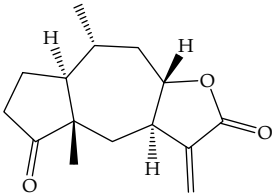
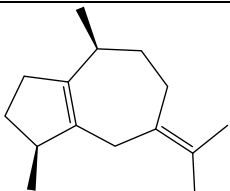
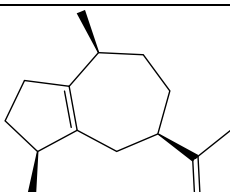
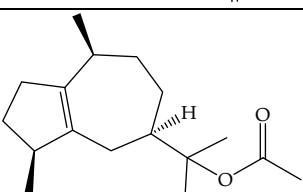
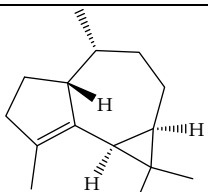
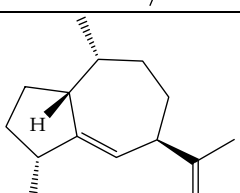
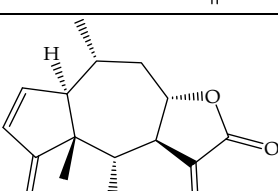
SESQUITERPENES				
	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
115	δ -Cadinol	C ₁₅ H ₂₆ O		Essential oil [24]
116	τ -Cadinol (syn. <i>epi</i> - α -Cadinol)	C ₁₅ H ₂₆ O		Essential oil [19, 20, 23, 26, 27, 29, 30]
117	α -Calacorene	C ₁₅ H ₂₀		Essential oil [19]
118	β -Calacorene	C ₁₅ H ₂₀		Essential oil [19]
119	<i>cis</i> -Calamenene	C ₁₅ H ₂₂		Essential oil [19]
120	<i>trans</i> -Calamenene	C ₁₅ H ₂₂		Essential oil [19]
121	Camphor, juniper	C ₁₅ H ₂₆ O		Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
122	Carabrone	C ₁₅ H ₂₀ O ₃		Aerial parts [17]

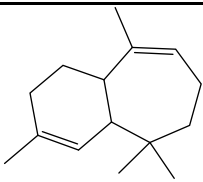
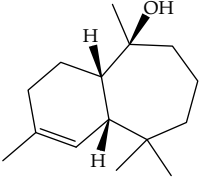
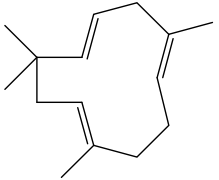
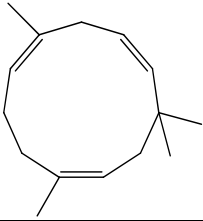
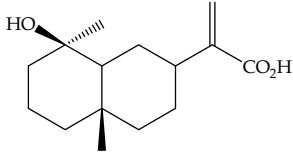
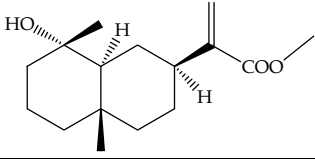
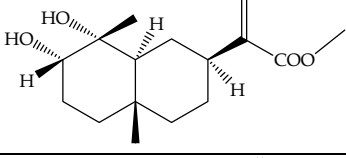
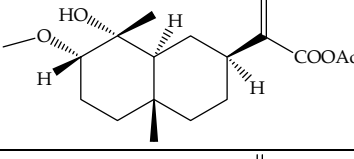
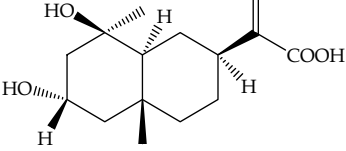
SESQUITERPENES				
	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
123	Carabrone, 4H	C ₁₅ H ₂₂ O ₃		Aerial parts [17]
124	Caryophylla-4(12),8(13)-dien-5α-ol	C ₁₅ H ₂₄ O		Essential oil [20]
125	Caryophylla-4(14),8(15)-dien-5α-ol	C ₁₅ H ₂₆ O		Essential oil [19]
126	Caryophyllene alcohol (syn. Apollanol)	C ₁₅ H ₂₆ O		Essential oil [19]
127	Caryophyllene epoxide	C ₁₅ H ₂₄ O		Essential oil [19]
128	Caryophyllene oxide	C ₁₅ H ₂₄ O		Essential oil [20, 21, 23-30] Supercritical fluid extraction (SFE) extract [25]
129	<i>trans</i> -Caryophyllene (syn. β-Caryophyllene, (<i>E</i>)-Caryophyllene)	C ₁₅ H ₂₄		Essential oil [10, 19, 20, 22-24, 27-30] Supercritical fluid extraction (SFE) extract [25]
130	γ-Caryophyllene (syn. <i>iso</i> Caryophyllene)	C ₁₅ H ₂₄		Essential oil [19, 29]

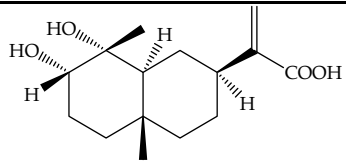
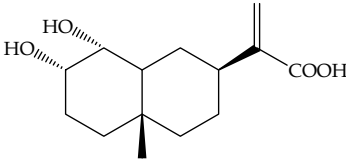
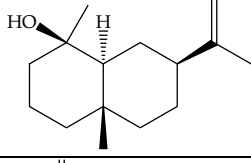
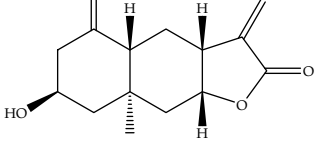
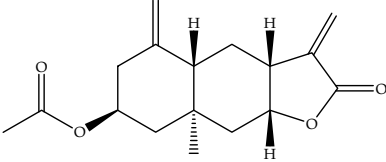
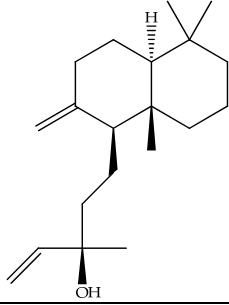
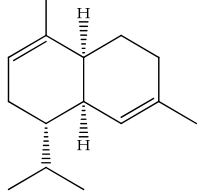
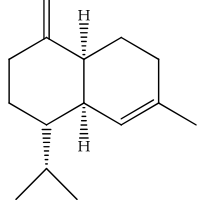
SESQUITERPENES				
	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
131	9- <i>epi</i> - β -Caryophyllene, 14-hydroxy	C ₁₅ H ₂₄ O		Essential oil [29]
132	9- <i>epi</i> -(<i>E</i>)-Caryophyllene	C ₁₅ H ₂₄		Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
133	Clovene	C ₁₅ H ₂₄		Essential oil [19]
134	Cedr-8(15)-en-9- α -ol	C ₁₅ H ₂₄ O		Essential oil [23, 25] Supercritical fluid extraction (SFE) extract [25]
135	α -Copaene	C ₁₅ H ₂₄		Essential oil [19]
136	Costic acid	C ₁₅ H ₂₂ O ₂		Aerial parts [17] Epigeal parts extracts [13]
137	Costic acid, 10-isobutyryloxy-8,9-epoxythymol isobutyrate	C ₁₅ H ₂₂ O ₄		Aerial parts [15] Essential oil [19]
138	Costic acid, 1 β -hydroxy	C ₁₅ H ₂₂ O ₃		Aerial parts [17]
139	Costic acid, 2 α -hydroxy	C ₁₅ H ₂₂ O ₃		Aerial parts [17] Epigeal parts extracts [13]

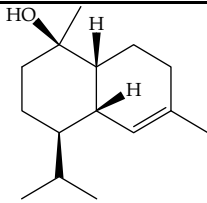
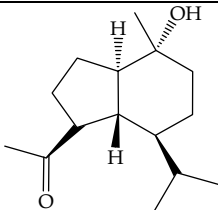
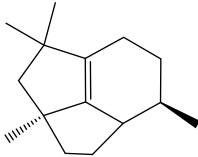
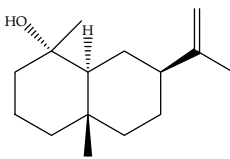
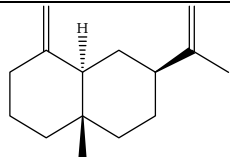
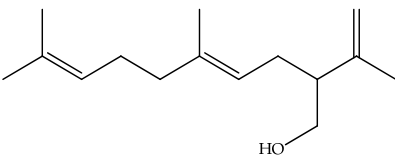
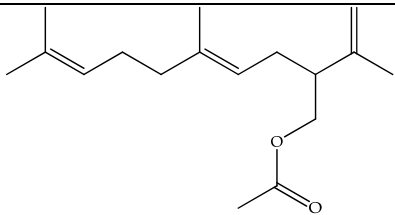
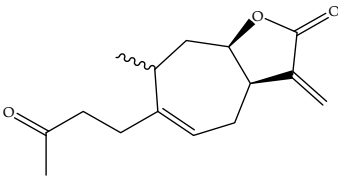
SESQUITERPENES				
Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.	
140	Costic acid, 2 α -hydroxy-3,4-dehydro-4,15-dihydro	<chem>C15H22O3</chem>		Leaves [14]
141	Costic acid, 3 α -hydroxy (syn. Viscic acid)	<chem>C15H22O3</chem>		Aerial parts [17] Epigeal parts extracts [13] Leaves [14]
142	<i>iso</i> Costic acid	<chem>C15H22O2</chem>		Aerial parts [17] Epigeal parts extracts [13] Essential oil [19]
143	β -Cubebene	<chem>C15H24</chem>		Essential oil [24]
144	1,10-di- <i>epi</i> Cubenol	<chem>C15H26O</chem>		Essential oil [23, 25] Supercritical fluid extraction (SFE) extract [25]
145	α -Cyperone	<chem>C15H22O</chem>		Essential oil [19, 30]
146	Diketone	<chem>C15H20O4</chem>		Aerial parts [15]
147	Eudesm, 3 α -hydroxy-4-en-12,6 β -olide	<chem>C15H20O3</chem>		Aerial parts [17]

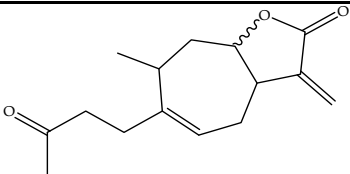
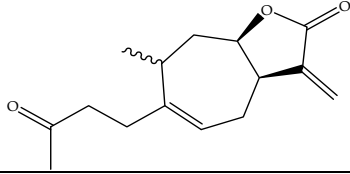
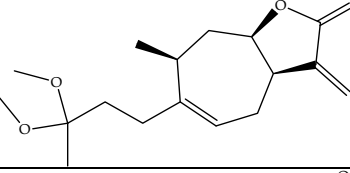
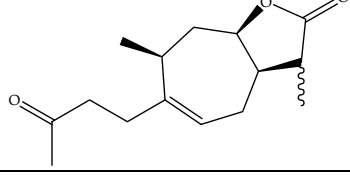
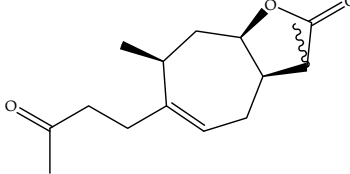
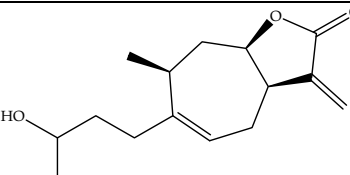
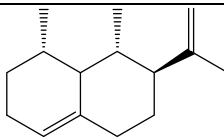
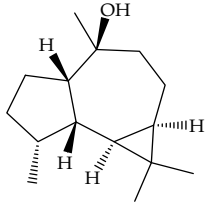
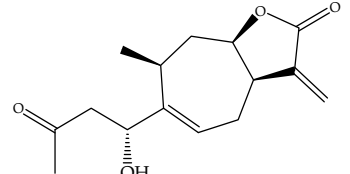
SESQUITERPENES				Part of <i>Dittrichia graveolens</i> L.
Compound	Formula	Structure		
148	Eudesma, 12-carboxy,3,11(13)-diene	<chem>C15H22O2</chem>		Leaves [14]
149	6-Eudesmen-4- α -ol	<chem>C15H26O</chem>		Essential oil [19]
150	α -Eudesmol	<chem>C15H26O</chem>		Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
151	β -Eudesmol	<chem>C15H26O</chem>		Essential oil [19]
152	(<i>E</i>)- β -Farnesene	<chem>C15H24</chem>		Essential oil [28]
153	(<i>E,E</i>)- α -Farnesene	<chem>C15H24</chem>		Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
154	β - <i>trans</i> -Farnesene	<chem>C15H24</chem>		Essential oil [26]
155	(2 <i>E</i> ,6 <i>E</i>)-Farnesol	<chem>C15H26O</chem>		Essential oil [29, 30]
156	Germacrene-D	<chem>C15H24</chem>		Essential oil [20, 29]

SESQUITERPENES				
	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
157	Globulol	C ₁₅ H ₂₆ O		Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
158	Graveolide	C ₁₅ H ₂₀ O ₃		Epigeal parts extracts [13]
159	<i>trans</i> -β-Guaiene	C ₁₅ H ₂₄		Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
160	α-Guaiene	C ₁₅ H ₂₄		Essential oil [23, 29]
161	Guaiol acetate	C ₁₇ H ₂₈ O ₂		Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
162	α-Gurjunene	C ₁₅ H ₂₄		Essential oil [29]
163	γ-Gurjunene	C ₁₅ H ₂₄		Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
164	8- <i>epi</i> -Helenalin	C ₁₅ H ₁₈ O ₄		Epigeal parts extracts [13]

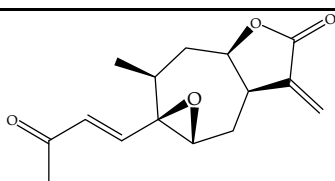
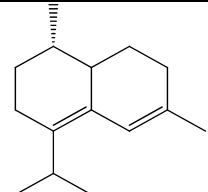
SESQUITERPENES				
	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
165	γ -Himachalene	C ₁₅ H ₂₄		Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
166	Himachalol	C ₁₅ H ₂₆ O		Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
167	Humulene	C ₁₅ H ₂₄		Essential oil [24]
168	α -Humulene	C ₁₅ H ₂₄		Essential oil [10, 19, 23, 24, 27-30]
169	Ilicic acid	C ₁₅ H ₂₄ O ₃		Aerial parts [17] Epigeal parts extracts [13]
170	Ilicic acid methyl ester (syn. Vachanic acid)	C ₁₆ H ₂₆ O ₃		Leaves [14] Epigeal parts extracts [13]
171	Ilicic acid methyl ester, 3 α -hydroxy	C ₁₆ H ₂₆ O ₄		Epigeal parts extracts [13]
172	Ilicic acid methyl ester, 3 α -acetyl	C ₁₈ H ₂₈ O ₅		Epigeal parts extracts [13]
173	Ilicic acid, 2 α -hydroxy-4- <i>epi</i>	C ₁₅ H ₂₄ O ₄		Epigeal parts extracts [13]

SESQUITERPENES				
	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
174	Ilicic acid, 3 α -hydroxy	C ₁₅ H ₂₄ O ₄		Epigeal parts extracts [13]
175	Ilicic acid, 3 α -hydroxy-4- <i>epi</i>	C ₁₄ H ₂₂ O ₄		Epigeal parts extracts [13]
176	<i>neo</i> Intermedeol	C ₁₅ H ₂₆ O		Essential oil [20, 30]
177	Ivalin	C ₁₅ H ₂₀ O ₃		Aerial parts [34]
178	Ivalin, acetate (syn. Acetylivalin)	C ₁₇ H ₂₂ O ₄		Aerial parts [34]
179	Manool	C ₂₀ H ₃₄ O		Essential oil [30]
180	α -Muurolene	C ₁₅ H ₂₄		Essential oil [10, 19, 23, 29]
181	γ -Muurolene	C ₁₅ H ₂₄		Essential oil [19, 23, 30]

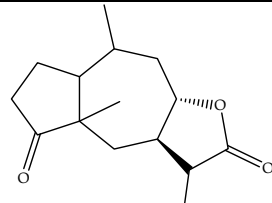
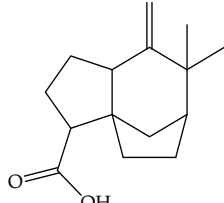
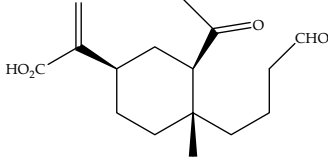
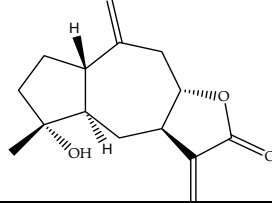
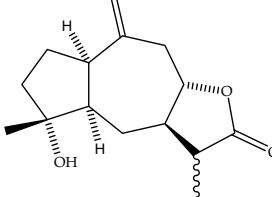
SESQUITERPENES				
	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
182	τ -Muurolol (syn. <i>epi</i> - α -Muurolol)	C ₁₅ H ₂₆ O		Essential oil [19, 29, 30]
183	Oplopanone	C ₁₅ H ₂₆ O ₂		Supercritical fluid extraction (SFE) extract [25]
184	Presilphiperfol-7-ene	C ₁₅ H ₂₄		Essential oil [19]
185	Selin-11-en-4- α -ol	C ₁₅ H ₂₆ O		Essential oil [19, 23, 25, 28] Supercritical fluid extraction (SFE) extract [25]
186	β -Selinene	C ₁₅ H ₂₄		Essential oil [19, 27, 28, 30]
187	(<i>E</i>)-Sesquilavandulol	C ₁₅ H ₂₆ O		Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
188	(<i>E</i>)-Sesquilavandulyl acetate	C ₁₇ H ₂₈ O ₂		Essential oil [28]
189	Tomentosin (syn. Xanthalongin)	C ₁₅ H ₂₀ O ₃		Aerial parts [17] Epigeal parts extracts [13] Leaves [14]

SESQUITERPENES				
	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
190	8- <i>epi</i> Tomentosin	C ₁₅ H ₂₀ O ₃		Aerial parts [15]
191	10- <i>epi</i> Tomentosin	C ₁₅ H ₂₀ O ₃		Leaves [14]
192	Tomentosin derivative	C ₁₇ H ₂₆ O ₄		Leaves [14]
193	Tomentosin, 11 α ,13-dihydro derivative	C ₁₅ H ₂₂ O ₃		Leaves [14]
194	Tomentosin, 11 β ,13-dihydro derivative	C ₁₅ H ₂₂ O ₃		Leaves [14]
195	Tomentosin, 4H	C ₁₅ H ₂₂ O ₃		Aerial parts [17] Epigeal parts extracts [13]
196	Valencene	C ₁₅ H ₂₄		Essential oil [23]
197	Viridiflorol	C ₁₅ H ₂₆ O		Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
198	Xanthalongin, 2 α -hydroxy-2 <i>R</i>	C ₁₅ H ₂₀ O ₄		Epigeal parts extracts [13]

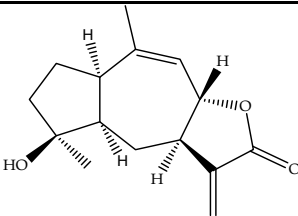
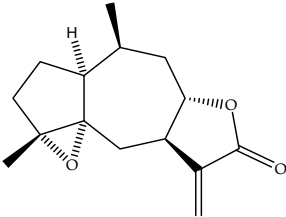
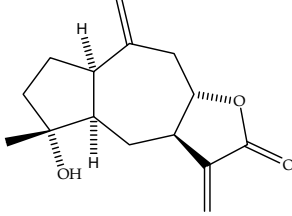
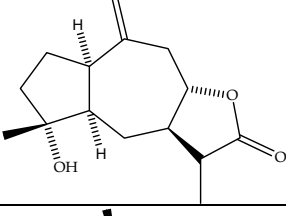
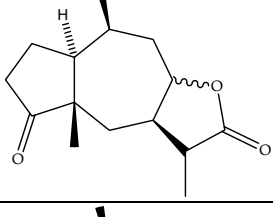
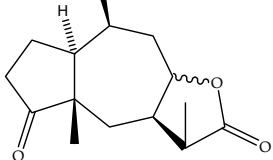
SESQUITERPENES

Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
199 Xanthatin, 8- <i>epi</i> -1 β , 5 β -epoxide, 11, 13-dihydro derivative	C ₁₅ H ₁₈ O ₄		Leaves [14]
200 Zonarene	C ₁₅ H ₂₄		Essential oil [19]

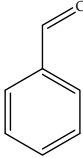
GUAIANOLIDES AND PSEUDOGUAIANOLIDES

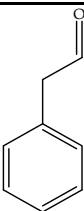
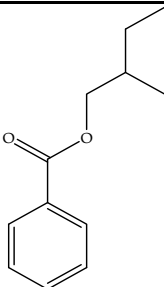
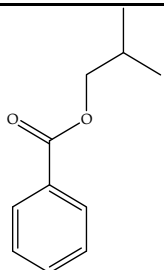
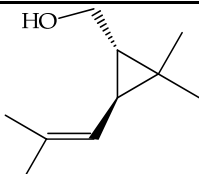
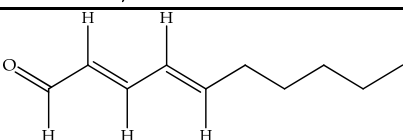
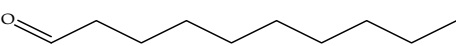
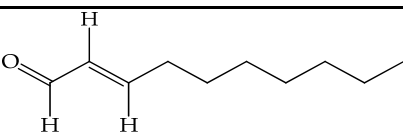



Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
201 3,4 α , 8-trimethyl dodecahydro azuleno[6,5- β]furan-2,5-dione	C ₁₅ H ₂₂ O ₃		Aerial parts [35]
202 Carboxylic acid, 7,7-dimethyl-6-methylidenetricyclo[6.2.1.0 ^{1,5}]undecane-2	C ₁₅ H ₂₂ O ₂		aerial parts [36]
203 Confertin	C ₁₆ H ₂₄ O ₄		Aerial parts [15]
204 Inuviscolide	C ₁₅ H ₂₀ O ₃		Leaves [14]
205 Inuviscolide, 11 β , 13-dihydro	C ₁₅ H ₂₂ O ₃		Aerial parts [15]

GUAIANOLIDES AND PSEUDOGUAIANOLIDES

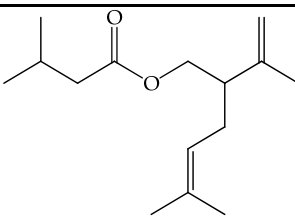
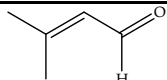
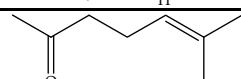
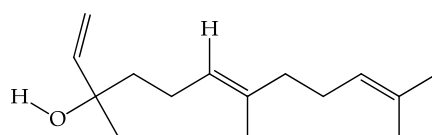
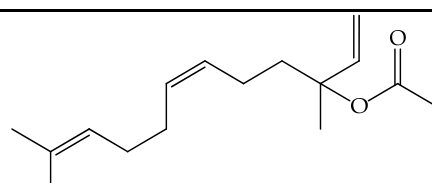
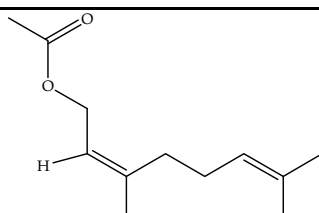
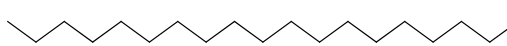
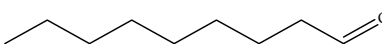
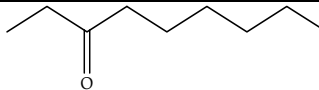
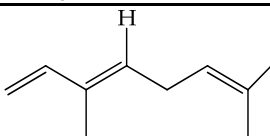
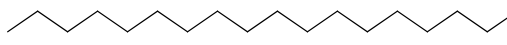
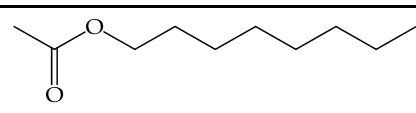

Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
206 4- <i>epi-iso</i> Inuviscolide	$C_{15}H_{20}O_3$		Epigeal parts extracts [13]
207 Inuviscolide, 4 α ,5 α -epoxy	$C_{15}H_{20}O_3$		Aerial parts [17]
208 Inuviscolide, l-epimer	$C_{15}H_{20}O_3$		Aerial parts [15]
209 Inuviscotide, 11 β ,13-dihydro	$C_{15}H_{22}O_3$		Aerial parts [15]
210 Pseudoguaianolide 4	$C_{15}H_{22}O_3$		Aerial parts [15]
211 Pseudoguaianolide 5	$C_{15}H_{22}O_3$		Aerial parts [15]


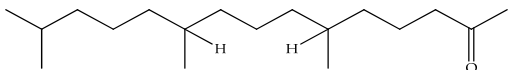
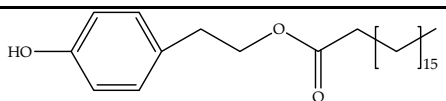


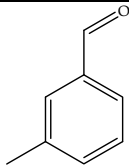

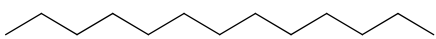
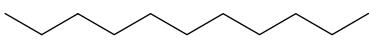
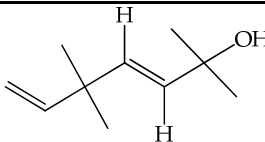
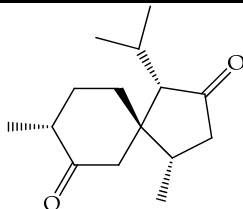
ORGANIC COMPOUNDS

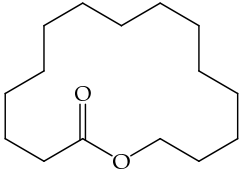
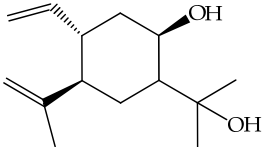
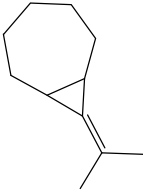
Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
212 Benzaldehyde	C_7H_6O		Essential oil [28, 29]

ORGANIC COMPOUNDS				Part of <i>Dittrichia graveolens</i> L.
Compound	Formula	Structure		
213	Benzene acetaldehyde	C ₈ H ₈ O		Essential oil [28]
214	Benzoate, 2-methylbutyl	C ₁₂ H ₁₆ O ₂		Essential oil [28]
215	Benzoate, isobutyl	C ₁₁ H ₁₄ O ₂		Essential oil [28]
216	<i>trans</i> -Chrys aenthemyl alcohol	C ₁₀ H ₁₈ O		Essential oil [19]
217	(<i>E,E</i>)-2,4-Decadienal	C ₁₀ H ₁₆ O		Essential oil [19, 29]
218	<i>n</i> -Decanal	C ₁₀ H ₂₀ O		Essential oil [28]
219	(<i>E</i>)-2-Decenal	C ₁₀ H ₁₈ O		Essential oil [19]
220	Docosane	C ₂₂ H ₄₆		Essential oil [19]
221	Dodecane	C ₁₂ H ₂₆		Essential oil [10]
222	Eicosane	C ₂₀ H ₄₂		Essential oil [19]
223	3-Eicosyne	C ₂₀ H ₃₈		Essential oil [30]

ORGANIC COMPOUNDS				
	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
224	Furfural	C ₅ H ₄ O ₂		Essential oil [28]
225	Geranial	C ₁₀ H ₁₆ O		Supercritical fluid extraction (SFE) extract [25]
226	Heneicosane	C ₂₁ H ₄₄		Essential oil [19]
227	(<i>E,E</i>)-Hepta-2,4-dienal	C ₇ H ₁₀ O		Essential oil [28]
228	Heptadecane	C ₁₇ H ₃₆		Essential oil [19, 30]
229	(<i>E</i>)-Hex-2-enal	C ₆ H ₁₀ O		Essential oil [28]
230	(<i>Z</i>)-Hex-3-enyl tiglate	C ₁₁ H ₁₈ O ₂		Essential oil [28]
231	Hexacosane	C ₂₆ H ₅₄		Essential oil [19]
232	Hexadecane	C ₁₆ H ₃₄		Essential oil [19]
233	<i>n</i> -Hexanal	C ₆ H ₁₂ O		Essential oil [28]
234	<i>cis</i> -3-Hexenyl benzoate	C ₁₃ H ₁₆ O ₂		Essential oil [26]

ORGANIC COMPOUNDS				
	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
235	Lavandulyl isovalerate	C ₁₅ H ₂₆ O ₂		Supercritical fluid extraction (SFE) extract [25]
236	3-Methylbut-2-enal	C ₅ H ₁₀		Essential oil [28]
237	6-Methylhept-5-en-2-one	C ₈ H ₁₄ O		Essential oil [28]
238	(<i>E</i>)-Nerolidol	C ₁₅ H ₂₆ O		Essential oil [19, 25] Supercritical fluid extraction (SFE) extract [25]
239	(<i>Z</i>)-Nerolidol acetate	C ₁₆ H ₂₆ O ₂		Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
240	Neryl acetate	C ₁₂ H ₂₀ O ₂		Essential oil [23]
241	Nonadecane	C ₁₉ H ₄₀		Essential oil [19]
242	<i>n</i> -Nonanal	C ₉ H ₁₈ O		Essential oil [28, 29]
243	3-Nonanone	C ₉ H ₁₈ O		Essential oil [20]
244	(<i>E</i>)-β-Ocimene	C ₁₀ H ₁₆		Essential oil [19]
245	Octadecane	C ₁₈ H ₃₈		Essential oil [19]
246	Octanol acetate	C ₁₀ H ₂₀ O ₂		Supercritical fluid extraction (SFE) extract [25]
247	Pentacosane	C ₂₅ H ₅₂		Essential oil [19]

ORGANIC COMPOUNDS				
	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
248	Pentadecanal	C ₁₅ H ₃₀ O		Essential oil [30]
249	Pentadecanone, 6,10,14-trimethyl-2	C ₁₈ H ₃₆ O		Essential oil [30]
250	Stearate, 2-(<i>p</i> -hydroxyphenyl)ethyl	C ₂₆ H ₄₄ O ₃		Aerial parts [17]
251	Tetracosane	C ₂₄ H ₅₀		Essential oil [19]
252	Tetradecane	C ₁₄ H ₃₀		Essential oil [19, 28]
253	<i>m</i> -Tolualdehyde	C ₈ H ₈ O		Essential oil [28]
254	Tricosane	C ₂₃ H ₄₈		Essential oil [19]
255	Tridecane	C ₁₃ H ₂₈		Essential oil [10, 19]
256	Undecane	C ₁₁ H ₂₄		Essential oil [10]
257	Yomogi alcohol	C ₁₀ H ₁₈ O		Essential oil [19]
OTHER COMPOUNDS				
	Compound	Formula	Structure	Part of <i>Dittrichia graveolens</i> L.
258	Crypto-acorone	C ₁₅ H ₂₄ O ₂		Essential oil [25] Supercritical fluid extraction (SFE) extract [25]

OTHER COMPOUNDS				Part of <i>Dittrichia graveolens</i> L.
Compound	Formula	Structure		
259 Cyclopentadecanolide	$C_{15}H_{28}O_2$			Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
261 8- α -11-Elemodiol	$C_{14}H_{24}O_2$			Essential oil [25] Supercritical fluid extraction (SFE) extract [25]
262 8-(1-Methylethylidene)bicyclo[5.1.0]octane	$C_{11}H_{18}$			Essential oil [20]