Supporting Information

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Chemical Composition of a New Taxon, *Seseli gummiferum* subsp. *ilgazense*, and its Larvicidal Activity against *Aedes aegypti*

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Table S1. Main components of *Seseli* EOs based on the literature

Species	Plant Part Used	Main Components %	References
S. andronakii Woron.	Fruits	carotol 52.7, germacrene D 8.7	1
S. annuum L.	Aerial parts	germacrene D 29.8, sabinene 10.3, (*Z*)-β-ocimene 9.8, limonene 8.6	2
S. annuum L.	Rosette	caryophyllene oxide 18.1, germacrene D 15.0, (*E*)-caryophyllene 10.3	3
	Aerial parts	β-selinene 18.3, germacrene A 14.6, β-elemene 11.4, α-selinene 9.4	
	Inflorescence	β-selinene 19.0, germacrene A 13.2, α-selinene 10.3, β-elemene 9.8	
	Stem	β-elemene 9.6, germacrene A 8.8, germacrene D 6.9	
	Leaf	germacrene D 19.1, β-elemene 8.5, germacrene A 8.4	
	Fruit	β-selinene 21.4 α-selinene 12.4, *ar*-curcumene 9.1, β-elemene 7.6, (*E*)-caryophyllene 7.4	
S. bocconi Guss. *subsp. praecox* Gamisans	Leaves	α-pinene 2.3-16.7, sabinene 0.5-20.1, β-phellandrene 10.4-37.9, α-humulene 1-20.1, germacrene D 1.2-7.9, bicyclogermecrene 0-8.3	4
S. campestre Besser.	Fruits	α-pinene 26.2, (*E*)-sesquilavandulol 11.8, myrcene 8.5, germacrene D 6.1	5
	Aerial parts	α-pinene 35.8, myrcene 6.2, sabinene 5.9, limonene 5.8	
S. corymbosum subsp. *corymbosum* Pall. ex Sm.	Fruits	β-phellandrene 29.2, α-phellandrene 8.2, germacrene D 2.5	6
S. *gummiferum* Pall. Ex Sm. subsp.*corymbosum* (Boiss. & Heldr.) P.H.Davis	Fruits	germacrene D 54.1, sabinene 22.4	
S. *gummiferum* Pall. Ex Sm. subsp.*corymbosum* (Boiss. & Heldr.) P.H.Davis	Aerial parts	bicyclogermacrene 11.9, germacrene B 14.0	5
S. *gummiferum* Pall. Ex Sm. subsp. *gummiferum*	Aerial parts	spathulenol 19.9	
S. montanum subsp. *peixotoanum* (Samp.) M. Lainz	Seeds	α-pinene 36.0-37.1, β-pinene 22.5-23.6, limonene 7.7-8.8, myrcene 6.5-7.0, β-elemene 5.2-5.8	7
S. pallasii Besser.	Roots	nonane 45.2- 63.6, (*Z*)-β-ocimene 22.3- 34.5, undecane 6.5-13.3	8
	Stems	α-pinene 27.3- 71.0, limonene 9.5- 10.6	
	Fruits	α-pinene 84.7- 93.7, limonene 0.8- 2.7	
S. petraeum M. Bieb.	Fruits	carotol 20.7, γ-terpinene 11.3, sabinene 9.5, germacrene D 7.8	1
S. rigidum Waldst. & Kit.	Roots	Falcarinol 35-94.5, α-muurolene 0-8.1, 3-butylphthalide 0-7.5, methyl linoleate 0-7.4, muurola-4,10(14)dien-1β-ol 0-6.6, β-sesquiphellandrene 0-6.3, salvial-4(14)-en-1-one 0-5.9, γ-amorphene 0-5.6, spathulenol 0-5.7, isospathuleneol 0-5.6	9
S. rigidum Waldst. & Kit.	Aerial parts	α-pinene 2.5-65.6, sabinene 0.7-61.9, limonene 0-43.4, β-phellandrene 0-20.4, caryophyllene oxide 0-11.6, bornyl acetate 0-11.2	10
	Fruits	Sabinene 0-69.1, α-pinene 0.8-55.7, β-phellandrene 0-37.5, falcarinol 0-35.6, germacrene B 0-33.3, carotol 0-21.9, germacrene D 0.6-19.9, β-sesquiphellandrene 0-19.7, (*E*)-caryophyllene 0-18.3, limonene 0-16	

	Roots	Falcarinol 29.4-95.3, α-pinene 0-15.4, γ-amorphene 0-12.6, sabinene 0-11.4, 3-butyl phthalide 0-11.3, β-sesquiphellandrene 0-10.5	
S. rigidum Waldst.	Flowers	α-pinene 33.0, sabinene 7.9, limonene 7.1	11
	Leaves and flowering tops	α-pinene 26.3, sabinene 7.8, limonene 5.4	
	Fruits	α-pinene 33.2, sabinene 18.5, limonene 8.7	
	Roots	α-pinene 3.3, (*Z*)-falcarinol 14.3	
S. tortuosum L.	Seeds	α-pinene 24.8-24.9, β-pinene 23.5-23.9, (*Z*)-β-ocimene 13.3-16.0, myrcene 4.9-5.3	8
S. resinosum Freyn	Not mentioned	β-pinene 37.5, 4α-hydroxygermacra-1(10)-5-diene 21.7, α-pinene 13.7	12
S. tortuosum L.	Not mentioned	(*E*)-sesquilavandulol 37.0, sabinene 19.7, α-pinene 13.5, β-phellandrene 7.8	
S. tortuosum L.	Aerial parts	α-pinene 35.9, sabinene 8.8, *trans*-sesquilavandulol 8.4, β-pinene 7.0	13
S. tortuosum L.	Leaves and flowering tops	myrcene 29.2, α-pinene 18.6, β-pinene 13.2, limonene 10.6, acorenone 6.3	14
S. tortuosum L.	Not mentioned	α-pinene 21.2, β-phellandrene 14.9, β-pinene 14.2, sabinene 13.4	15

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