

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Artemisia annua*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(E)-6-METHYL-3,5-HEPTADIEN-2-ONE	Leaf	25.0	375.0		--
0	(E)-ALPHA-BERGAMOTOL	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
67	1,8-CINEOLE	Leaf	2360.0	6600.0	0.3187048852429541	--
67	1,8-CINEOLE	Shoot	1.0	9320.0	-0.0019339060453946566	--
0	2,2,6-TRIHYDROXYCHROMONE	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	2,2-DIHYDROXY-6-METHOXYCHROMONE	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	2,3-DIHYDRO-1,8-CINEOLE	Shoot	1.0	40.0		Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	3,3,6-TRIMETHYL-HEPTA-1,5-DIEN-4-OL	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	3,5-DIHYDROXY-6,7,3',4'-TETRAMETHOXYFLAVONE	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
0	3-ISOBUTYLCADIN-4-EN-11-OL	Plant				Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
0	3-METHYL-PINOCARVONE	Plant				--
0	4,5-SECOCADINANE	Plant				Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
0	5,2',4'-TRIHYDROXY-6,7,5'-TRIMETHOXYFLAVONE	Plant				--
0	5,7,8,3'-TETRAHYDROXY-3,4'-DIMETHOXYFLAVONE	Plant				--
0	5-NONDECYLRESORCINOL-3-O-METHYL-ETHER	Shoot				Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
0	6,7,3',4'-TETRA-O-METHYL-QUERCETAGETIN	Leaf				Father Nature's Farmacy: The aggregate of all these three-letter citations.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	6,7-DEHYDROARTEMISINIC-ACID	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	6-METHOXYKAEMPFEROL	Plant				--
0	6-METHOXYKAEMPFEROL-3-O-GLUCOSIDE	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	7-HYDROXY-6,8-DIMETHOXYCOUMARIN	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	ALLO-AROMADENDRENE	Leaf	60.0	3380.0	0.5792235540033643	--
0	ALPHA-AMYRENONE	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
10	ALPHA-AMYRIN	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
20	ALPHA-BISABOLOL	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	ALPHA-CADINENE	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
3	ALPHA-CADINOL	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	ALPHA-CARYOPHYLLENE	Plant				Father Nature's Pharmacy: The aggregate of all these three-letter citations.
0	ALPHA-COPAENE	Plant	4.0	620.0	2.6088478815042415	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ALPHA-FENCHENE	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	ALPHA-GUAIENE	Plant	15.0	1880.0	-1.0	--
2	ALPHA-HUMULENE	Leaf	1.0	285.0	0.016038059526224918	--
0	ALPHA-HYDROXYSANTONIN	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	ALPHA-MYRCENE-HYDROPEROXIDE	Plant	45.0	600.0		--
28	ALPHA-PINENE	Leaf	1345.0	3760.0	0.019571775376842463	--
28	ALPHA-PINENE	Shoot	12.0	7840.0	0.6344499235339521	--
13	ALPHA-TERPINENE	Leaf	4.0	11715.0	5.741186992571873	--
23	ALPHA-TERPINEOL	Plant	2.0	1215.0	0.45987844614126255	--
0	ALPHA-THUJENE	Plant		6500.0	3.4068336142288143	--
0	ANNPHENONE	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	ANNUADIEPOXIDE	Shoot				--
0	ANNULIDE	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
101	APIGENIN	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	ARTEANNUIC-ACID	Plant	1.0	1400.0		--
0	ARTEANNUIC-ACID-ALCOHOL	Root				--
0	ARTEANNUIN-A	Plant	1280.0	5960.0		--
3	ARTEANNUIN-B	Plant	800.0	5960.0		--
0	ARTEANNUIN-C	Plant				--
0	ARTEANNUIN-D	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	ARTEANNUIN-E	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	ARTEANNUIN-F	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ARTEANNUIN-G	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
7	ARTEMETIN	Tissue Culture		740.0		--
0	ARTEMISIA-ALCOHOL	Plant	16.0	3000.0	1.0	--
0	ARTEMISIA-KETONE	Leaf	2200.0	32360.0	1.0	--
0	ARTEMISIATRIENE	Plant	3.0	40.0		--
2	ARTEMISIC-ACID	Plant				--
0	ARTEMISIC-ACID-METHYLESTER	Plant				Father Nature's Farmacy: The aggregate of all these three-letter citations.
0	ARTEMISILACTONE	Plant				J.S. Glasby Dict. Pls Containing 2ndary Metabolite. 1991.
0	ARTEMISIN	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	ARTEMISINIC-ACID	Plant	1600.0	25000.0		--
15	ARTEMISININ	Leaf	10.0	13800.0		--
15	ARTEMISININ	Flower	100.0	5000.0		Father Nature's Farmacy: The aggregate of all these three-letter citations.
0	ARTEMISININ-B	Plant				--
0	ARTEMISININ-C	Plant				--
0	ARTEMISINOL	Plant				Father Nature's Farmacy: The aggregate of all these three-letter citations.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ARTEMISITENE	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	ARTEMISITINE	Plant				Father Nature's Farmacy: The aggregate of all these three-letter citations.
0	ARTEMISYL-ACETATE	Plant				Father Nature's Farmacy: The aggregate of all these three-letter citations.
15	ASCARIDOLE	Shoot	10.0	400.0		Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
7	ASTRAGALIN	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
7	AXILLARIN	Plant				--
0	BAURENOL	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	BENZYL-3-METHYL-BUTYRATE	Leaf	10.0	360.0		--



Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
9	BETA-AMYRIN	Plant				Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
4	BETA-AMYRIN-ACETATE	Plant				Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
0	BETA-ARTEANNUAN	Plant				Abid Ali Khan, M.M., Jain, D.C., Bhakuni, R.S., Zaim, M., and Thakur, R.S. 1991. Occurrence of some antiviral sterols in Artemisia annua. Plant Science, 75: 161-165, 1991.
0	BETA-CADINENE	Leaf	5.0	200.0		--
0	BETA-CARYOPHYLLENE	Plant	15.0	2240.0	2.028337893386577	--
0	BETA-CUBEBENE	Leaf	55.0	1775.0	4.912450928332629	--
5	BETA-ELEMENE	Plant	3.0	80.0	-0.17954660749211812	--
0	BETA-FARNESENE	Leaf	25.0	1520.0	1.2641397604287192	--
0	BETA-FARNESENE	Plant				--
0	BETA-ISOCOMENE	Root				--
0	BETA-LINALOOL-OXIDE	Shoot	3.0	120.0		Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	BETA-MYRCENE-HYDROPEROXIDE	Plant	48.0	640.0		--
13	BETA-PINENE	Shoot	3.0	840.0	-0.06226005738154163	--
13	BETA-PINENE	Plant				--
0	BETA-SABINENE-HYDRATE	Shoot				Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
3	BETA-SELINENE	Plant				--
47	BETA-SITOSTEROL	Root				Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
47	BETA-SITOSTEROL	Shoot				--
47	BETA-SITOSTEROL	Plant				--
0	BETA-THUJENE	Plant	50.0	6500.0		Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	BISABOLOL-OXIDE	Shoot	5.0	200.0		Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	BONANZIN	Plant				--
35	BORNEOL	Plant	6.0	520.0	-0.20102331887336136	--
12	BORNYL-ACETATE	Plant		40.0	-0.44342333019067204	--
0	CADIN-4(15),11-DIEN-9-ONE	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	CADIN-4,7(11)-DIEN-12-AL	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	CADINENOL	Plant	15.0	680.0		--
9	CAMPHENE	Plant	12.0	920.0	0.9679096269856168	--
0	CAMPHENE-HYDRATE	Leaf	4.0	2820.0		--
41	CAMPHOR	Leaf	100.0	8720.0	-0.0534217853770054	--
0	CAPILLENE	Plant		80.0		Father Nature's Pharmacy: The aggregate of all these three-letter citations.
37	CARVACROL	Shoot	40.0	1640.0	-0.4292748573282448	--
19	CARVONE	Shoot	3.0	120.0	-0.23911192134150755	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
8	CARYOPHYLLENE-OXIDE	Plant				--
8	CARYOPHYLLENE-OXIDE	Shoot	75.0	2920.0	6.004003488123152	Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
8	CARYOPHYLLENE-OXIDE	Leaf	30.0	700.0	2.5915887501581745	--
6	CASTICIN	Plant		40.0		--
7	CHRYSOERIOL	Plant				--
8	CHRYOSPLENETIN	Tissue Culture		650.0		--
8	CHRYOSPLENETIN	Plant		350.0		--
9	CHRYOSPLENOL-D	Tissue Culture		625.0		--
9	CHRYOSPLENOL-D	Plant		1000.0		--
0	CIRCIEIOL	Plant				--
0	CIRCILINEOL	Plant				--
0	CIRCIMARITRIN	Plant				--
10	CIRSILINEOL	Shoot				Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
10	CIRSILINEOL	Tissue Culture		500.0		--
10	CIRSILINEOL	Plant		60.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	CIRSILIO	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	CIS-CHRYSANTHENOL	Plant	1.0	2000.0		--
0	CIS-CHRYSANTHENYL-ACETATE	Plant	6.0	120.0		--
0	CIS-EPOXYOCIMENE	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	CIS-SABINENE-HYDRATE	Plant	1.0	200.0	0.6462396290052647	--
0	CIS-SABINOL	Plant		45.0	-1.0	Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	CIS-THUJ-2-EN-4-OL	Plant	3.0	530.0		Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
57	COUMARIN	Plant				Father Nature's Farmacy: The aggregate of all these three-letter citations.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
57	COUMARIN	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
10	CUMINALDEHYDE	Leaf				Father Nature's Farmacy: The aggregate of all these three-letter citations.
10	CUMINALDEHYDE	Shoot	4.0	160.0	0.5953580799824844	Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	DEHYDROARTEMISINIC-ACID	Plant				--
9	DELTA-CADINENE	Plant				--
0	DEOXYARTEANNUIN-B	Plant				--
2	DEOXYARTEMISININ	Plant				--
0	DEOXYISOARTEMISININ-B	Plant				--
0	DEOXYISOARTEMISININ-C	Plant				--
0	DIHYDRO-DEOXYARTEANNUIN-B	Plant				--
0	DIHYDROARTEMISINIC-ACID	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	DIHYDROXYCADINANOLIDE	Plant				--
0	EO	Leaf	1400.0	40000.0	2.5037732439905036	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	EPICUBENOL	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	EPIDEOXYARTEANNUIN-B	Plant				--
0	EPOXYARTEMISIC-ACID	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	EUPALITIN	Plant				--
8	EUPATORIN	Plant		190.0		--
2	FRIEDELIN-3-BETA-OL	Leaf				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
2	FRIEDELIN	Leaf				--
2	FRIEDELIN	Root				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	FRIEDELIN-3BETA-OL	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	GAMMA-CARYOPHYLLENE	Plant				Father Nature's Farmacy: The aggregate of all these three-letter citations.
0	GAMMA-ELEMENE	Plant	12.0	600.0	2.641486307777503	--
0	GAMMA-SELINENE	Shoot	35.0	1400.0	1.0	--
11	GAMMA-TERPINENE	Plant	1.0	830.0	-0.19640892696882867	--
35	GERANIOL	Plant				Wright,C.W.(Ed)2002.Medicin al&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maff ei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe, R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherl ands.
2	GERMACRENE-D	Plant	24.0	7320.0	5.747275659742257	--
0	HENTRIACONTANYLTRIAC ONTANOATE	Plant				--
2	HUMULENE	Plant	1.0	120.0	1.0	--
0	ISOANNUALIDE	Plant				--
0	ISOANNULIDE	Plant				Wright,C.W.(Ed)2002.Medicin al&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maff ei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe, R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherl ands.
0	ISOARTEMISIA-ACETATE	Plant				Father Nature's Farmacy: The aggregate of all these three-letter citations.
0	ISOARTEMISIA-ALCOHOL	Plant				Father Nature's Farmacy: The aggregate of all these three-letter citations.
0	ISOARTEMISIA-KETONE	Plant		3400.0		Father Nature's Farmacy: The aggregate of all these three-letter citations.
0	ISOCOMENE	Root				--
16	ISOEUGENOL	Leaf	1.0	45.0		--
0	ISOKAEMPFERIDE	Plant				--



Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
4	ISOPINOCAMPHONE	Plant		40.0		--
22	ISOQUERCITRIN	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
11	ISORHAMNETIN	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
75	KAEMPFEROL	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
75	KAEMPFEROL	Plant				--
4	KAEMPFEROL-3-O-GLUCOSIDE	Plant				--
60	LIMONENE	Plant		1200.0	0.2517004840277634	Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
60	LIMONENE	Shoot	2.0	80.0	-0.28771498042117827	Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
53	LINALOOL	Shoot				Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
0	LONGIPILENE	Leaf	1.0	60.0		--
78	LUTEOLIN	Plant				--
0	LUTEOLIN-7-METHYL-ETHER	Shoot				Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
2	LUTEOLIN-7-O-GLUCOSIDE	Plant				--
0	MAALIENE	Root				--
63	MENTHOL	Plant				--
3	METHYL-ACETATE	Plant				--
0	METHYL-PINOCARVONE	Plant				--
22	MYRCENE	Plant	12.0	2040.0	1.7651559766358145	--
0	MYRCENOL	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	MYRTENAL	Shoot	5.0	200.0	-0.04147148010417455	Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
5	MYRTENAL	Leaf	6.0	200.0	3.685440790449997	--
2	MYRTENOL	Shoot	6.0	240.0	0.14877125069093244	Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
2	MYRTENOL	Leaf	3.0	40.0	-0.10816745819583165	--
5	NERYL-ACETATE	Plant	12.0	160.0	-0.32203126186907166	--
0	NONACOSANOL	Plant				Abid Ali Khan, M.M., Jain, D.C., Bhakuni, R.S., Zaim, M., and Thakur, R.S. 1991. Occurrence of some antiviral sterols in Artemisia annua. Plant Science, 75: 161-165, 1991.
0	NORANNUIIC-ACID	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	O-CYMENE	Plant				--
2	OCIMENE	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
6	OCTACOSANOL	Plant				Abid Ali Khan, M.M., Jain, D.C., Bhakuni, R.S., Zaim, M., and Thakur, R.S. 1991. Occurrence of some antiviral sterols in <i>Artemisia annua</i> . <i>Plant Science</i> , 75: 161-165, 1991.
64	OLEANOLIC-ACID	Plant				Wright, C.W. (Ed) 2002. <i>Medicinal &amp; Aromatic Plants-Industrial Profiles. Artemisia</i> . 344pp. Maffei, M. (Ed) 2002. <i>Vetiveria. The Genus Vetiveria</i> . Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. <i>Tea Tree. The Genus Melaleuca</i> . Harwood Acad. Pub. Amsterdam, Netherlands.
16	P-CYMENE	Shoot	10.0	400.0	-0.1843115107377468	--
16	P-CYMENE	Plant				--
0	P-ETHYLCUMENE	Leaf	1.0	130.0		--
2	PATULETIN	Plant				--
0	PATULETIN-3-O-GLUCOSIDE	Shoot				Wright, C.W. (Ed) 2002. <i>Medicinal &amp; Aromatic Plants-Industrial Profiles. Artemisia</i> . 344pp. Maffei, M. (Ed) 2002. <i>Vetiveria. The Genus Vetiveria</i> . Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. <i>Tea Tree. The Genus Melaleuca</i> . Harwood Acad. Pub. Amsterdam, Netherlands.
4	PENDULETIN	Plant				--
0	PHYTENE-1,2-DIOL	Plant				--
1	PHYTOL	Plant				--
0	PINOCARVENONE	Plant				Wright, C.W. (Ed) 2002. <i>Medicinal &amp; Aromatic Plants-Industrial Profiles. Artemisia</i> . 344pp. Maffei, M. (Ed) 2002. <i>Vetiveria. The Genus Vetiveria</i> . Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. <i>Tea Tree. The Genus Melaleuca</i> . Harwood Acad. Pub. Amsterdam, Netherlands.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PINOCARVEOL	Plant				--
0	PINOCARVEOL	Shoot	55.0	2200.0	1.0	Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	PINOCARVYL-ACETATE	Plant				--
3	PONTICAEOXIDE	Shoot				--
0	QINGHAOSU-IV	Plant				Father Nature's Farmacy: The aggregate of all these three-letter citations.
0	QUERCETAGETIN-3,4'-DIMETHYLETHER	Plant				--
0	QUERCETAGETIN-3-METHYLETHER	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	QUERCETAGETIN-4'-METHYLETHER	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
2	QUERCETAGETIN-6,7,3',4'-TETRAMETHYLETHER	Plant				--
0	QUERCETAGETIN-6,7,4'-TRIMETHYLETHER	Plant				Father Nature's Farmacy: The aggregate of all these three-letter citations.
176	QUERCETIN	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	QUERCETIN-3-O-GLUCOSIDE	Shoot				Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
6	QUERCIMERITRIN	Shoot				Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
18	RHAMNETIN	Plant				--
7	RHAMNOCITRIN	Plant				--
0	SABINAKETONE	Leaf	5.0	200.0		--
5	SABINENE	Leaf		1520.0	0.7072433248792381	--
5	SABINOL	Leaf	50.0	680.0	1.0356295255642778	--
0	SABINYL-ACETATE	Shoot				Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
0	SANTOLINATRIENE	Leaf	15.0	80.0		--
22	SCOPARONE	Shoot				Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY, NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
44	SCOPOLETIN	Plant				--
3	SCOPOLIN	Shoot				Wright, C. W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	SECOCADINANE	Plant				--
0	SILPHINENE	Root				--
0	SPATHULENOL	Shoot				Wright, C. W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
12	STIGMASTEROL	Root				Wright, C. W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
12	STIGMASTEROL	Shoot				Wright, C. W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
12	STIGMASTEROL	Plant				--
0	TAMERIXETIN	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	TARAXASTERONE	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	TARAXERYL-ACETATE	Root				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
23	TERPINEN-4-OL	Plant	15.0	1135.0	0.21296450672015324	--
0	TETRATRIACONTANE	Plant				--
71	THYMOL	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	TOMENTIN	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
0	TRANS-2,7-DIMETHYL-4,6-OCTADIEN-2-OL	Leaf	6.0	120.0		--
0	TRANS-5-HYDROXY-2-ISOPROPENYL-5-METHYLHEX-3-EN-1-OL	Plant				--



Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	TRANS-ALPHA-OCIMENE	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
2	TRANS-BETA-FARNESENE	Plant	15.0	1520.0	2.4368963000117096	--
0	TRANS-CARYOPHYLLENE-OXIDE	Plant	25.0	765.0		--
0	TRANS-CHRYSANTHENYL-ACETATE	Plant	6.0	120.0		--
0	TRANS-NEROLIDOL	Shoot	2.0	80.0	-1.414213562373095	Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
2	TRANS-PINOCARVEOL	Plant	1.0	40.0	-1.0	--
0	TRANS-SABINENE-HYDRATE	Plant		1.0	-0.398820639243658	--
0	TRANS-VERBENOL	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
5	VERBENONE	Plant	20.0	625.0	0.6025658340962582	--
1	YLANGENE	Plant				Father Nature's Farmacy: The aggregate of all these three-letter citations.
0	YOMOGI-ALCOHOL	Plant	12.0	360.0	1.0	--