

P **Pycnanthemum tenuifolium**

Common Name(s)

Slenderleaf Mountain Mint

How Used

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Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
67	1,8-CINEOLE	Shoot 1	1100	-0.11982260198412999	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	1-OCTEN-3-OL	Shoot 1	80	-0.28687657641057573	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	1-OCTYL-3-YL-ACETATE	Shoot 2	120	2.235951176307604	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	10-(ALPHA)-CADINOL	Shoot 6	60	-1	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	3-HEXENOL	Shoot 266	2660	1	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
2	3-OCTANOL	Shoot 2	20	-0.2589288127243507	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	ALLO-AROMADENDRENE	Shoot 28	440	0.391000197969382	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

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2	ALPHA-HUMULENE	Shoot 8	640	5.778534761181696	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
11	ALPHA-PHELLANDRENE	Shoot 2	420	0.7571527185569595	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
28	ALPHA-PINENE	Shoot 1	1020	-0.04572192519536079	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
23	ALPHA-TERPINEOL	Shoot 28	280	0.0028630755390194546	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	BETA-BOURBONENE	Shoot 16	400	3.120215066226877	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
5	BETA-ELEMENE	Shoot 16	1600	5.087261389256558	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
13	BETA-PINENE	Shoot 1	100	-0.11409558499102924	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
35	BORNEOL	Shoot 6	220	-0.18605754030412397	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
12	BORNYL-ACETATE	Shoot 14	880	1.0535962107958634	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
9	CAMPHENE	Shoot 2	420	-0.09552575139914782	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
41	CAMPHOR	Shoot 4	40	-0.1557795043403497	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
1	CARVEOL	Shoot 80	800		Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

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19	CARVONE	Shoot 460	1320	-0.01973465219667202	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
31	CARYOPHYLLENE	Shoot 28	2460	0.7303847895962885	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
8	CARYOPHYLLENE-OXIDE	Shoot 2	320	0.30246217677525256	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	CIS-ISOPULEGONE	Shoot 14	140	-0.32684534867543336	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
9	DELTA-CADINENE	Shoot 1	620	5.851328742486554	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	EO	Shoot 2000	20000	0.8981574696493044	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
11	GAMMA-TERPINENE	Shoot 1	260	-0.21469156760091815	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
2	GERMACRENE-D	Shoot 114	9840	5.146045782327056	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
3	ISOMENTHONE	Shoot 1	10580	1.347976152752974	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
4	ISOPULEGONE	Shoot --	--		Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
60	LIMONENE	Shoot 2	8520	4.008659141916956	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	LINALOL	Shoot 46	700	-0.09523890698836686	Lawrence, B.M.,	Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

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63	MENTHOL	Shoot 62	620	0.29142386877781745	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
30	MENTHONE	Shoot 2	3660	-0.19927944662899924	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
2	MENTHYL-ACETATE	Shoot 4	40	1.0683529965645688	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
22	MYRCENE	Shoot 16	2560	2.57956388145586	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
16	P-CYMENE	Shoot 1	140	-0.3904207533946285	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	PALUSTROL	Shoot 4	180		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
28	PULEGONE	Shoot 4	13440	-0.16304850510342223	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
5	SABINENE	Shoot 1	360	0.08738762548013533	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
23	TERPINEN-4-OL	Shoot 2	40	-0.1505997686267691	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
9	TERPINOLENE	Shoot 1	20	-0.22817845236300732	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
17	THUJONE	Shoot 19	190	-0.32861299683257983	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	TRANS-ISOPULEGONE	Shoot 4	40	-0.6748117107578429	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

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0	TRANS-METHYL-MYRCENATE	Shoot	1086	10860		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	TRANS-OCIMENE	Shoot	30	300	2.9560306188662704	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.