

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for BETULIN

Plant	Part	Low PPM	High PPM	StdDev	Reference
Abies balsamea	Leaf				Jim Duke's personal files.
Abies balsamea	Bark				Jim Duke's personal files.
Abies balsamea	Twig				Jim Duke's personal files.
Acacia tortilis	Heart Wood				Jim Duke's personal files.
Acacia nilotica	Root Bark				Jim Duke's personal files.
Acacia lenticularis	Heart Wood		46.6	-0.9999999999999998	Jim Duke's personal files.
Acacia senegal	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
Acacia nilotica	Plant				--
Acacia tortilis	Stem Bark				Jim Duke's personal files.
Acacia senegal	Flower				Jim Duke's personal files.
Acacia modesta	Stem Bark				Jim Duke's personal files.
Acanthus ilicifolius	Leaf				Jim Duke's personal files.
Acinos thymoides	Shoot		500.0	0.8497090696541331	Jim Duke's personal files.
Acrotrema arnotianum	Leaf		650.0	-0.19275082310583577	Jim Duke's personal files.
Aerva lanata	Plant		64.0	-0.567039784551438	Jim Duke's personal files.
Alangium lamarckii	Seed		2222.2		Jim Duke's personal files.
Alnus rugosa	Leaf				Jim Duke's personal files.
Alnus rubra	Stem Bark				Jim Duke's personal files.
Alnus crispa	Bark				Jim Duke's personal files.
Alnus rugosa	Fruit				Jim Duke's personal files.
Alnus nepalensis	Bark		2300.0	-0.06479485490298917	Jim Duke's personal files.
Alnus rugosa	Bark				Jim Duke's personal files.
Alnus maximowiczii	Root		32.9	-0.9999999999999999	Jim Duke's personal files.
Alphitonia petriei	Leaf				Jim Duke's personal files.
Alphitonia whitei	Leaf		8.0	-0.48278947910396935	Jim Duke's personal files.
Alphitonia macrocarpa	Leaf				Jim Duke's personal files.
Alphitonia petriei	Bark				Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Alphitonia whitei</i>	Bark		340.0	-0.36034768792957506	Jim Duke's personal files.
<i>Alphitonia excelsa</i>	Wood				Jim Duke's personal files.
<i>Alphitonia whitei</i>	Wood		12.0	-1.22838013371807	Jim Duke's personal files.
<i>Alphitonia petriei</i>	Wood				Jim Duke's personal files.
<i>Alphitonia excelsa</i>	Bark		45.0	-0.40483140514531124	Jim Duke's personal files.
<i>Alphitonia macrocarpa</i>	Wood				Jim Duke's personal files.
<i>Alstonia scholaris</i>	Leaf				Jim Duke's personal files.
<i>Alyxia levinei</i>	Shoot				Jim Duke's personal files.
<i>Amanoa oblongifolia</i>	Stem Bark		0.3	-0.3693630297936064	Jim Duke's personal files.
<i>Amoora canarana</i>	Root				Jim Duke's personal files.
<i>Ampelozizyphus amazonicus</i>	Root				Jim Duke's personal files.
<i>Artocarpus integrifolia</i>	Root Bark				Jim Duke's personal files.
<i>Atractylis carduus</i>	Shoot		30.0	-0.5576765529614085	Jim Duke's personal files.
<i>Avicennia officinalis</i>	Stem Bark		270.0	-0.26147201865040226	Jim Duke's personal files.
<i>Avicennia alba</i>	Leaf		120.0	-0.4321908350669118	Jim Duke's personal files.
<i>Avicennia officinalis</i>	Leaf		140.0	-0.4231553629174372	Jim Duke's personal files.
<i>Avicennia tomentosa</i>	Stem Bark				Jim Duke's personal files.
<i>Avicennia alba</i>	Stem Bark		100.0	-0.32947895930425736	Jim Duke's personal files.
<i>Betula alleghaniensis</i>	Bark				Jim Duke's personal files.
<i>Betula maximowicziana</i>	Bark		32000.0	4.4137353190202795	Jim Duke's personal files.
<i>Betula cordifolia</i>	Bark				Jim Duke's personal files.
<i>Betula lenta</i>	Heart Wood				Jim Duke's personal files.
<i>Betula sp.</i>	Bark				Jim Duke's personal files.
<i>Betula papyrifera</i>	Heart Wood				Jim Duke's personal files.
<i>Betula alba</i>	Bark				Jim Duke's personal files.
<i>Betula ermanii</i>	Bark				Jim Duke's personal files.
<i>Betula caerulea</i>	Bark				Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Betula caerulea-grandis</i>	Bark				Jim Duke's personal files.
<i>Betula lenta</i>	Bark		500.0	-0.33622092604985376	Jim Duke's personal files.
<i>Betula populifolia</i>	Bark				Jim Duke's personal files.
<i>Betula papyrifera</i>	Bark		15000.0	1.8502668692998896	Jim Duke's personal files.
<i>Betula dahurica</i>	Bark				Jim Duke's personal files.
<i>Betula alleghaniensis</i>	Heart Wood				Jim Duke's personal files.
<i>Betula utilis</i>	Plant				Jim Duke's personal files.
<i>Betula platyphylla</i>	Bark				Jim Duke's personal files.
<i>Bruguiera gymnorhiza</i>	Leaf				Jim Duke's personal files.
<i>Bupleurum salicifolium</i>	Leaf				Jim Duke's personal files.
<i>Buxus microphylla</i>	Shoot				Jim Duke's personal files.
<i>Byrsonima crassifolia</i>	Leaf		204.7	-0.3939256105138871	Jim Duke's personal files.
<i>Callistemon lanceolatus</i>	Leaf				Jim Duke's personal files.
<i>Canavalia bonariensis</i>	Root				Jim Duke's personal files.
<i>Caraipa densifolia</i>	Bark		32.0	-0.4067917045480386	Jim Duke's personal files.
<i>Careya arborea</i>	Bark		6000.0	0.4931365135655661	Jim Duke's personal files.
<i>Carlina corymbosa</i>	Plant				Jim Duke's personal files.
<i>Carya ovata</i>	Stem Bark				Jim Duke's personal files.
<i>Cassia siamea</i>	Flower		5.0	-1.0	Jim Duke's personal files.
<i>Cassinia uncata</i>	Shoot		83.3	-0.39807303448181625	Jim Duke's personal files.
<i>Castanea sativa</i>	Leaf		1000.0	-0.034630060490030846	Jim Duke's personal files.
<i>Castanopsis eyrei</i>	Stem		9.0	0.699619150974717	Jim Duke's personal files.
<i>Castanopsis concinna</i>	Stem		6.0	-0.011857951711436053	Jim Duke's personal files.
<i>Castanopsis lamontii</i>	Leaf		0.3	-0.486268135881517	Jim Duke's personal files.
<i>Ceanothus americanus</i>	Root Bark				Jim Duke's personal files.
<i>Ceriops decandra</i>	Leaf				Jim Duke's personal files.
<i>Cistus laurifolius</i>	Shoot		13.3	-0.6076836591266841	Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Clerodendrum inerme</i>	Stem				Jim Duke's personal files.
<i>Clinacanthus nutans</i>	Rhizome				Jim Duke's personal files.
<i>Clinopodium vulgare</i>	Shoot				Jim Duke's personal files.
<i>Coccinia grandis</i>	Seed				Akihisa, T., Kimura, Y., Kasahara, Y., Kumaki, K., Thakur, S., Tamura, T. 1997. 7-oxodihydrokaroundiol-3-benzoate and other triterpenes from the seeds of cucurbitaceae. <i>Phytochemistry</i> , 46(7): 1261-1266.
<i>Comptonia peregrina</i>	Stem				Jim Duke's personal files.
<i>Comptonia peregrina</i>	Root				Jim Duke's personal files.
<i>Comptonia peregrina</i>	Leaf				Jim Duke's personal files.
<i>Cornus capitata</i>	Stem		8.3	0.5336078270146148	Jim Duke's personal files.
<i>Corylus avellana</i>	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Croton megalocarpus</i>	Stem Bark		25.0	-0.35948202135742874	Jim Duke's personal files.
<i>Croton macrostachys</i>	Stem Bark				Jim Duke's personal files.
<i>Dalbergia sericea</i>	Bark				Jim Duke's personal files.
<i>Derris trifoliata</i>	Leaf				Jim Duke's personal files.
<i>Desmodium pulchellum</i>	Root				Jim Duke's personal files.
<i>Dicliptera roxburghiana</i>	Leaf				Jim Duke's personal files.
<i>Dillenia pentagyna</i>	Stem Bark				Jim Duke's personal files.
<i>Dillenia aurea</i>	Leaf		450.0	-0.28310554460058146	Jim Duke's personal files.
<i>Dillenia indica</i>	Leaf		1050.0	-0.012041380116344428	Jim Duke's personal files.
<i>Dillenia pentagyna</i>	Leaf		1500.0	0.19125674324683334	Jim Duke's personal files.
<i>Dillenia anhamanica</i>	Leaf		820.0	-0.11594930983530195	Jim Duke's personal files.
<i>Dillenia retusa</i>	Leaf		680.0	-0.17919761488162392	Jim Duke's personal files.
<i>Dillenia indica</i>	Fruit				Jim Duke's personal files.
<i>Dillenia scabrella</i>	Leaf		1200.0	0.05572466100471483	Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Dillenia bracteata	Leaf		700.0	-0.17016214273214936	Jim Duke's personal files.
Dillenia indica	Stem Bark				Jim Duke's personal files.
Diospyros perigrina	Leaf		10000.0	4.031332406773524	Jim Duke's personal files.
Diospyros singaporensis	Wood				Jim Duke's personal files.
Diospyros dendo	Wood				Jim Duke's personal files.
Diospyros chevalieri	Bark				Jim Duke's personal files.
Diospyros argentea	Stem Bark				Jim Duke's personal files.
Diospyros melanoxylon	Wood	100.0	200.0	-0.6138054769611896	Jim Duke's personal files.
Diospyros siamensis	Stem Bark				Jim Duke's personal files.
Diospyros melanoxylon	Leaf				Jim Duke's personal files.
Diospyros siamang	Bark				Jim Duke's personal files.
Diospyros hirsuta	Wood		1100.0	2.3283072415557906	Jim Duke's personal files.
Diospyros moonii	Wood		560.0	0.5630396104456026	Jim Duke's personal files.
Diospyros melanoxylon	Bark		5000.0	0.34234425181730793	Jim Duke's personal files.
Diospyros quaesita	Wood		480.0	0.30151847991075986	Jim Duke's personal files.
Diospyros discolour	Wood		800.0	1.3476030020501304	Jim Duke's personal files.
Diospyros montana	Leaf				Jim Duke's personal files.
Diospyros buxifolia	Shoot				Jim Duke's personal files.
Diospyros monbuttensis	Bark				Jim Duke's personal files.
Diospyros verrucosa	Root Bark		500.0	-1.0	Jim Duke's personal files.
Diospyros maritima	Root				Jim Duke's personal files.
Diospyros maingayi	Wood				Jim Duke's personal files.
Diospyros japonica	Root				Jim Duke's personal files.
Diospyros longiflora	Bark		100.0	-0.396537830749157	Jim Duke's personal files.
Diospyros ismailii	Fruit				Jim Duke's personal files.
Diospyros gracilescens	Wood				Jim Duke's personal files.
Diospyros zenkeri	Bark		666.7	-0.31108385601641914	Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Diospyros walkeri	Wood		290.0	-0.31959420510949155	Jim Duke's personal files.
Diospyros sylvatica	Bark				Jim Duke's personal files.
Diospyros gabunensis	Bark				Jim Duke's personal files.
Diospyros spinescens	Wood		910.0	1.707194556535539	Jim Duke's personal files.
Diospyros ebenum	Stem Bark		325.0	-0.2394697731447433	Jim Duke's personal files.
Diospyros cinnabarina	Wood				Jim Duke's personal files.
Diospyros perigrina	Fruit				Jim Duke's personal files.
Diospyros singaporensis	Bark				Jim Duke's personal files.
Diospyros dendo	Bark		60.0	-0.40256952121908735	Jim Duke's personal files.
Diospyros celebica	Heart Wood				Jim Duke's personal files.
Diospyros kaki	Stem Bark				Jim Duke's personal files.
Diospyros quaesita	Bark		3700.0	0.14631431154457228	Jim Duke's personal files.
Diospyros abyssinica	Bark				Jim Duke's personal files.
Diospyros melanoxylon	Stem Bark		2500.0	0.6306190263972261	Jim Duke's personal files.
Diospyros siamensis	Bark				Jim Duke's personal files.
Diospyros melanoxylon	Heart Wood		200.0	0.9999999999999998	Jim Duke's personal files.
Diospyros sanza-minika	Bark				Jim Duke's personal files.
Diospyros hirsuta	Fruit		80.0	-1.187749113769227	Jim Duke's personal files.
Diospyros montana	Wood		300.0	-0.2869040637926362	Jim Duke's personal files.
Diospyros discolour	Stem Bark				Jim Duke's personal files.
Diospyros montana	Fruit				Jim Duke's personal files.
Diospyros mollis	Root		1800.0	1.0000000000000002	Jim Duke's personal files.
Diospyros leucomelas	Leaf				Jim Duke's personal files.
Diospyros eriantha	Bark				Jim Duke's personal files.
Diospyros mannii	Stem Bark		47.6	-0.3504410986587398	Jim Duke's personal files.
Diospyros maingayi	Bark				Jim Duke's personal files.
Diospyros iturensis	Wood				Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Diospyros hoyleana	Wood		190.0	-0.6464956182780449	Jim Duke's personal files.
Diospyros undulata	Root				Jim Duke's personal files.
Diospyros gracilescens	Stem Bark				Jim Duke's personal files.
Diospyros wallichii	Wood				Jim Duke's personal files.
Diospyros crassiflora	Bark				Jim Duke's personal files.
Diospyros walkeri	Bark		800.0	-0.2909832475253763	Jim Duke's personal files.
Diospyros sumatrana	Wood				Jim Duke's personal files.
Diospyros fragrans	Wood				Jim Duke's personal files.
Diospyros tomentosa	Shoot				Jim Duke's personal files.
Diospyros spinescens	Bark		1620.0	-0.16733359289180472	Jim Duke's personal files.
Diospyros ebenum	Leaf				Jim Duke's personal files.
Diospyros cinnabarina	Bark				Jim Duke's personal files.
Diospyros siderophylla	Bark				Jim Duke's personal files.
Diospyros canaliculata	Bark				Jim Duke's personal files.
Diospyros perigrina	Bark				Jim Duke's personal files.
Diospyros oblongifolia	Fruit		1000.0	1.258659508621122	Jim Duke's personal files.
Diospyros melanoxylon	Plant		2000.0	2.076960752278003	Jim Duke's personal files.
Diospyros siamang	Wood				Jim Duke's personal files.
Diospyros kaki	Root				Jim Duke's personal files.
Diospyros melanoxylon	Fruit				Jim Duke's personal files.
Diospyros rotundifolia	Stem				Jim Duke's personal files.
Diospyros hirsuta	Bark		2000.0	-0.11003253342746662	Jim Duke's personal files.
Diospyros montana	Stem Bark		10000.0	3.630925231714362	Jim Duke's personal files.
Diospyros discolour	Fruit		500.0	-0.07091039485189377	Jim Duke's personal files.
Diospyros montana	Bark		190.0	-0.3829665271918138	Jim Duke's personal files.
Diospyros mespiliformis	Bark				Jim Duke's personal files.
Diospyros verrucosa	Stem Bark		250.0	-0.26947283519791465	Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Diospyros kamerunensis	Bark				Jim Duke's personal files.
Diospyros ebumum	Heart Wood				Jim Duke's personal files.
Diospyros malanonilau	Heart Wood				Jim Duke's personal files.
Diospyros longiflora	Wood				Jim Duke's personal files.
Diospyros iturensis	Bark		120.0	-0.3935219855141919	Jim Duke's personal files.
Diospyros hoyleana	Bark		110.0	-0.39502990813167443	Jim Duke's personal files.
Diospyros zenkeri	Wood		70.0	-1.038777314080309	Jim Duke's personal files.
Diospyros gracilescens	Bark		120.0	-0.3935219855141919	Jim Duke's personal files.
Diospyros wallichii	Bark				Jim Duke's personal files.
Diospyros thwaitesii	Wood		550.0	0.5303494691287473	Jim Duke's personal files.
Diospyros consolatae	Leaf		2100.0	0.4623209077310704	Jim Duke's personal files.
Diospyros sumatrana	Bark				Jim Duke's personal files.
Diospyros elliptifolia	Bark				Jim Duke's personal files.
Dipterocarpus insignis	Wood				Jim Duke's personal files.
Dipterocarpus hispidus	Wood				Jim Duke's personal files.
Dipterocarpus glandulosus	Wood				Jim Duke's personal files.
Dipterocarpus zeylanicus	Wood				Jim Duke's personal files.
Dipteryx odorata	Bark				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Duboisia leichhardtii	Shoot				Jim Duke's personal files.
Ehretia laevis	Bark		160.0	-0.3874902950442615	Jim Duke's personal files.
Erica arborea	Leaf				Jim Duke's personal files.
Euclea divinorum	Root				Jim Duke's personal files.
Euclea crispa	Root Bark		22000.0	1.0	Jim Duke's personal files.
Eucommia ulmoides	Bark				Jim Duke's personal files.
Euonymus echinatus	Bark				Jim Duke's personal files.
Euphorbia hirta	Stem				--
Euphorbia hermentiana	Stem				Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Euphorbia lathyris	Plant				--
Euphorbia paralias	Plant		300.0	-0.24473393398751858	Jim Duke's personal files.
Euphorbia broteri	Plant				Jim Duke's personal files.
Fagonia cretica	Plant				Jim Duke's personal files.
Fagonia indica	Plant				Jim Duke's personal files.
Flindersia pimenteliana	Leaf				Jim Duke's personal files.
Flindersia pimenteliana	Bark				Jim Duke's personal files.
Fraxinus americana	Root				Jim Duke's personal files.
Fraxinus americana	Leaf				Jim Duke's personal files.
Garcinia xanthochymus	Leaf		7500.0	2.901898388089203	Jim Duke's personal files.
Garcinia mangostana	Leaf		250.0	-0.3734602660953271	Jim Duke's personal files.
Givotia rottleriformis	Bark				Jim Duke's personal files.
Glechoma hirsuta	Plant		100.0	-0.517874485312874	Jim Duke's personal files.
Gmelina arborea	Wood				Jim Duke's personal files.
Grewia tiliaefolia	Bark				Jim Duke's personal files.
Grewia bicolor	Root				Jim Duke's personal files.
Grewia tenax	Stem Bark				Jim Duke's personal files.
Grewia asiatica	Stem Bark				Jim Duke's personal files.
Grewia flavescens	Root				Jim Duke's personal files.
Grewia asiatica	Bark				Jim Duke's personal files.
Guazuma tomentosa	Bark		17.0	-0.40905358847426243	--
Guazuma tomentosa	Tb		17.0		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Gymnostachyum latifolium	Stem				Jim Duke's personal files.
Gymnostachyum latifolium	Root				Jim Duke's personal files.
Haplophyton cimicidum	Plant				Jim Duke's personal files.
Hedyotis lawsoniae	Shoot		1.2	-0.6439163528152971	Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Helichrysum bilobum</i>	Plant		20.0	-0.6271307058430162	Jim Duke's personal files.
<i>Hibiscus syriacus</i>	Bark				--
<i>Holacantha emoryi</i>	Seed				Jim Duke's personal files.
<i>Hopea brevipetiolaris</i>	Wood				Jim Duke's personal files.
<i>Hopea jucunda</i>	Wood		160.0	-0.744566042228611	Jim Duke's personal files.
<i>Hopea cordifolia</i>	Wood		290.0	-0.31959420510949155	Jim Duke's personal files.
<i>Hygrophila auriculata</i>	Root				Jim Duke's personal files.
<i>Hyssopus seravshanicus</i>	Plant				Jim Duke's personal files.
<i>Hyssopus ferganensis</i>	Plant				Jim Duke's personal files.
<i>Ilex verticillata</i>	Leaf				Jim Duke's personal files.
<i>Ilex verticillata</i>	Fruit				Jim Duke's personal files.
<i>Ilex verticillata</i>	Bark				Jim Duke's personal files.
<i>Inonotus obliquus</i>	Plant				--
<i>Juglans regia</i>	Bark				Jim Duke's personal files.
<i>Juniperus communis</i>	Fruit				Jim Duke's personal files.
<i>Juniperus communis</i>	Stem				Jim Duke's personal files.
<i>Juniperus horizontalis</i>	Stem				Jim Duke's personal files.
<i>Juniperus communis</i>	Leaf				Jim Duke's personal files.
<i>Juniperus horizontalis</i>	Leaf				Jim Duke's personal files.
<i>Kleinhovia hospita</i>	Fruit				Jim Duke's personal files.
<i>Larix laricina</i>	Twig				Jim Duke's personal files.
<i>Larix laricina</i>	Root				Jim Duke's personal files.
<i>Lasianthus chinensis</i>	Leaf				Jim Duke's personal files.
<i>Lavandula spica</i>	Plant		1666.6	1.6216354532186352	Jim Duke's personal files.
<i>Lawsonia inermis</i>	Bark				--
<i>Lawsonia inermis</i>	Plant				Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Lemaireocereus thurberi</i>	Stem				Jim Duke's personal files.
<i>Lemaireocereus griseus</i>	Plant				Jim Duke's personal files.
<i>Limnophila rugosa</i>	Plant				Jim Duke's personal files.
<i>Lithocarpus haipinii</i>	Stem				Jim Duke's personal files.
<i>Lithocarpus elizabethae</i>	Stem				Jim Duke's personal files.
<i>Lithocarpus polystachya</i>	Stem		0.4	-1.3399485433922549	Jim Duke's personal files.
<i>Lithocarpus cornea</i>	Stem		1.0	-1.1976531228550242	Jim Duke's personal files.
<i>Lumnitzera racemosa</i>	Leaf		83.3	-0.44877092646119754	Jim Duke's personal files.
<i>Lumnitzera racemosa</i>	Bark		11.4	-0.40989802514005275	Jim Duke's personal files.
<i>Maytenus senegalensis</i>	Leaf				Jim Duke's personal files.
<i>Maytenus octogona</i>	Plant				Jim Duke's personal files.
<i>Maytenus boaria</i>	Plant		82.2	-0.5421839943808306	Jim Duke's personal files.
<i>Maytenus canariensis</i>	Plant				Jim Duke's personal files.
<i>Melaleuca leucadendra</i>	Bark				--
<i>Melaleuca leucadendron</i>	Stem		8.0	0.4624601167459993	Jim Duke's personal files.
<i>Melaleuca leucadendron</i>	Leaf		13.0	-0.4805306110666007	Jim Duke's personal files.
<i>Menyanthes trifoliata</i>	Root				--
<i>Micromeria benthamii</i>	Plant				Jim Duke's personal files.
<i>Mitrephora heyneana</i>	Bark				Jim Duke's personal files.
<i>Myrica cerifera</i>	Root				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Myrica cerifera</i>	Leaf				--
<i>Myrica cerifera</i>	Stem				--
<i>Myrica cerifera</i>	Fruit				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Nerium oleander</i>	Leaf				Jim Duke's personal files.
<i>Neuracanthus sphaerostachys</i>	Plant				Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Origanum compactum</i>	Shoot		90.0	-0.3780103032658075	Jim Duke's personal files.
<i>Orthosphenia mexicana</i>	Shoot				Jim Duke's personal files.
<i>Panax pseudoginseng</i>	Seed Oil				Jim Duke's personal files.
<i>Parthenium hysterophorus</i>	Leaf				Jim Duke's personal files.
<i>Phillyrea latifolia</i>	Leaf				Jim Duke's personal files.
<i>Phlogacanthus thyrsoiflorus</i>	Leaf				Jim Duke's personal files.
<i>Phyllanthus reticulatus</i>	Root				Jim Duke's personal files.
<i>Phyllanthus flexuosus</i>	Stem Bark		5.3	-0.36736282565672834	Jim Duke's personal files.
<i>Picea mariana</i>	Bark				Jim Duke's personal files.
<i>Picea mariana</i>	Twig				Jim Duke's personal files.
<i>Picea mariana</i>	Leaf				Jim Duke's personal files.
<i>Platycodon grandiflorum</i>	Root				--
<i>Plectranthus rugosus</i>	Plant		45.0	-0.5929881369273468	Jim Duke's personal files.
<i>Porteresia coarctata</i>	Leaf				Jim Duke's personal files.
<i>Premna integrifolia</i>	Stem Bark				Jim Duke's personal files.
<i>Prunus pensylvanica</i>	Leaf				Jim Duke's personal files.
<i>Prunus pensylvanica</i>	Bark				Jim Duke's personal files.
<i>Psychotria adenophylla</i>	Leaf				Jim Duke's personal files.
<i>Pterocarpus santalinus</i>	Bark				--
<i>Pterospermum lanceaefolium</i>	Flower		3800.0	1.0	Jim Duke's personal files.
<i>Pterospermum xylocarpum</i>	Leaf				Jim Duke's personal files.
<i>Pterospermum suberifolium</i>	Seed				Jim Duke's personal files.
<i>Pterospermum acerifolium</i>	Leaf				Jim Duke's personal files.
<i>Pterospermum suberifolium</i>	Leaf				Jim Duke's personal files.
<i>Pyropolyporus fomentarius</i>	Fruit				Jim Duke's personal files.
<i>Quercus championi</i>	Stem		6.6	0.1304374688257949	Jim Duke's personal files.
<i>Quercus suber</i>	Cork				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Quercus bambusaefolia</i>	Stem		14.0	1.8854143221183055	Jim Duke's personal files.
<i>Quercus myrsinaefolia</i>	Stem		0.55	-1.3043746882579472	Jim Duke's personal files.
<i>Rabdosia adenantha</i>	Plant				Jim Duke's personal files.
<i>Rheedia gardneriana</i>	Bark				Jim Duke's personal files.
<i>Rhizophora mucronata</i>	Leaf				Jim Duke's personal files.
<i>Rhododendron dauricum</i>	Leaf				Jim Duke's personal files.
<i>Rhododendron ledebourii</i>	Shoot				Jim Duke's personal files.
<i>Rhododendron anthopogon</i>	Stem				Jim Duke's personal files.
<i>Rhododendron schotense</i>	Leaf				Jim Duke's personal files.
<i>Rhodomyrtus tomentosa</i>	Stem		10.0	0.9367781852034347	Jim Duke's personal files.
<i>Rhodomyrtus tomentosa</i>	Leaf	2.0	22.0	-0.4764646485993372	Jim Duke's personal files.
<i>Rhus typhina</i>	Shoot				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Rhus alata</i>	Leaf		50.0	-0.4638149875900728	Jim Duke's personal files.
<i>Rosa canina</i>	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Rosmarinus officinalis</i>	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Rosmarinus officinalis</i>	Shoot		12.1	-0.6112769841205962	--
<i>Roylea elegans</i>	Leaf				Jim Duke's personal files.
<i>Rzedowskia tolantonguensis</i>	Shoot				Jim Duke's personal files.
<i>Salacia cordata</i>	Stem		2.7	-0.7944827646662042	Jim Duke's personal files.
<i>Salvia beckeri</i>	Shoot				Jim Duke's personal files.
<i>Salvia officinalis</i>	Leaf		15.0	-0.47962706385165327	--
<i>Sambucus nigra</i>	Bark				--
<i>Sambucus racemosa</i>	Bark				Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Sambucus nigra</i>	Plant				--
<i>Sarracenia flava</i>	Shoot				--
<i>Sarracenia flava</i>	Root				--
<i>Saussurea lappa</i>	Root				--
<i>Saussurea lappa</i>	Root Essent. Oil				Jim Duke's personal files.
<i>Schleichera oleosa</i>	Bark				Jim Duke's personal files.
<i>Scirpus tuberosus</i>	Root				Jim Duke's personal files.
<i>Scirpus fluviatilis</i>	Rhizome		4380.0		Jim Duke's personal files.
<i>Senecio alpinus</i>	Flower				Jim Duke's personal files.
<i>Shorea trapezifolia</i>	Wood				Jim Duke's personal files.
<i>Shorea oblongifolia</i>	Wood				Jim Duke's personal files.
<i>Shorea congestiflora</i>	Wood				Jim Duke's personal files.
<i>Shorea stipularvis</i>	Bark		20.0	-0.4086012116890177	Jim Duke's personal files.
<i>Shorea magistophylla</i>	Bark		10.0	-0.41010913430650026	Jim Duke's personal files.
<i>Shorea affinis</i>	Wood		190.0	-0.6464956182780449	Jim Duke's personal files.
<i>Shorea zeylanica</i>	Wood				Jim Duke's personal files.
<i>Shorea ovalifolia</i>	Wood				Jim Duke's personal files.
<i>Shorea dyerii</i>	Wood		20.0	-1.2022280206645857	Jim Duke's personal files.
<i>Simaba obovata</i>	Shoot				Jim Duke's personal files.
<i>Sophora japonica</i>	Flower				--
<i>Sorbus americana</i>	Bark				Jim Duke's personal files.
<i>Sorbus americana</i>	Leaf				Jim Duke's personal files.
<i>Stemonoporus petiolaris</i>	Wood				Jim Duke's personal files.
<i>Stemonoporus canaliculatus</i>	Wood				Jim Duke's personal files.
<i>Stemonoporus oblongifolius</i>	Wood				Jim Duke's personal files.
<i>Stemonoporus affinis</i>	Wood				Jim Duke's personal files.
<i>Stemonoporus reticulatus</i>	Wood				Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Stemonoporus cordifolius</i>	Wood				Jim Duke's personal files.
<i>Sterculia urens</i>	Bark		50.0	-0.4040774438365699	Jim Duke's personal files.
<i>Streblus asper</i>	Shoot		1000.0	2.3469278171174754	Jim Duke's personal files.
<i>Strobilanthes cusia</i>	Plant		35.0	-0.6066451644936146	Jim Duke's personal files.
<i>Strobilanthes cusia</i>	Root				Jim Duke's personal files.
<i>Suaeda maritima</i>	Leaf				Jim Duke's personal files.
<i>Symplocos racemosa</i>	Stem Bark				Jim Duke's personal files.
<i>Tectona grandis</i>	Stem Bark				Jim Duke's personal files.
<i>Tetracera indica</i>	Leaf		100.0	-0.4412263072163864	Jim Duke's personal files.
<i>Tetracera scandens</i>	Leaf		300.0	-0.3508715857216407	Jim Duke's personal files.
<i>Tetracera akara</i>	Leaf		450.0	-0.28310554460058146	Jim Duke's personal files.
<i>Tetracera sarmentosa</i>	Leaf		700.0	-0.17016214273214936	Jim Duke's personal files.
<i>Thevetia peruviana</i>	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
<i>Thymelaea hirsuta</i>	Leaf				Jim Duke's personal files.
<i>Tricholepis glaberrima</i>	Shoot				Jim Duke's personal files.
<i>Tricholepis glaberrima</i>	Plant				Jim Duke's personal files.
<i>Tsuga canadensis</i>	Bark				Jim Duke's personal files.
<i>Tsuga canadensis</i>	Twig				Jim Duke's personal files.
<i>Tsuga canadensis</i>	Leaf				Jim Duke's personal files.
<i>Vatica affinis</i>	Wood		470.0	0.26882833859390454	Jim Duke's personal files.
<i>Viburnum cassinoides</i>	Bark				Jim Duke's personal files.
<i>Vicia faba</i>	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Viscum articulatum</i>	Plant				Jim Duke's personal files.
<i>Viscum album</i>	Shoot				Jim Duke's personal files.
<i>Wisteria floribunda</i>	Bark				Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Wisteria floribunda	Wood				Jim Duke's personal files.
Woodfordia floribunda	Leaf		40.0	-0.46833272366481005	Jim Duke's personal files.
Zataria multiflora	Shoot				Jim Duke's personal files.
Zizyphus trinervia	Stem Bark		57.0	-0.34668071488140895	Jim Duke's personal files.
Zizyphus oenoplia	Stem Bark		64.0	-0.3438804290897796	Jim Duke's personal files.
Zizyphus jujuba	Stem Bark				Jim Duke's personal files.
Zizyphus jujuba	Bark				Jim Duke's personal files.
Zizyphus rugosa	Stem Bark		50.0	-0.3494810006730383	Jim Duke's personal files.
Zizyphus nummularia	Stem Bark		90.0	-0.33347936757801355	Jim Duke's personal files.
Zizyphus xylopyra	Stem Bark		70.0	-0.3414801841255259	Jim Duke's personal files.
Zizyphus rugosa	Bark				Jim Duke's personal files.
Zizyphus jujuba	Seed				Jim Duke's personal files.
Zizyphus mauritiana	Stem				Jim Duke's personal files.