

TOXIC WOODS

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Chart Legend			
Reaction	Site	Source	Incidence
I = Irritant	S - Skin	O-dust	C-common
S = Sensitizer	E - Eyes	B-Leaves, bark	U-uncommon
C = Nasopharynx	R - Respiratory	W-wood	R-rare
P = Pneumonitis alveolitis	C - Cardiac	O-oil	
DT = Direct toxin			
N = Nausea, malaise			
SS = Septic splinters			
CNS = Brain			

Wood	Reaction	Site	Potency	Source	Incidence	Comments	Scientific Name
CCAWood	DT	CNS	+++++	D,W,V,W	U	Arsenic is heat stable	<i>Chromated copper arsenate</i>
Poison Ivy	S	E,S,R	++++	D,W,LB	C	Urushiol is heat stable	<i>Toxicodendron radicans</i>
Oleander	DT	N,C	++++	D,W,LB	C	Toxin heat stable	<i>Nerium oleander</i>
Yew	DT	N,C	++++	W,D	C	English Yew	<i>Taxus baccata</i>
	I	E,S	++	D	C		
Rosewoods	I,S	E,S,R	++++	W,D	U	Many varieties genus <i>Dalbergia</i>	<i>Dalbergia sp</i>
Cocobolo	I,S	E,S,R	+++	W,D	C	Mexican rosewood	<i>Dalbergia retusa</i>
Bubinga	I	s	?			African rosewood	<i>Guibourtia demeusei</i>
Mimosa	N		extreme	LB	U,C	Related to rosewood	<i>Mimosa sp.</i>
Blackwood	S	E, S	++	W,D	C	Mpingo,Grenadilla,Zebrawood , African Ebony	<i>Dahlbergia melanoxylon</i>
Purpleheart		N	++	W,D	C	Related to rosewood	<i>Copaifera sp</i>
Black Locust	I,N	E,S	+++	L,B	C	Yellow locust	<i>Robinia pseudoacacia</i>
Greenheart	S,SS	E,S	+++	W,D	C	Br. Guyana	<i>Nectandra rodiceii</i>
Iroko	I,S,P	E,S,R	+++	W,D	C	African Teak, Nigerian Teak	<i>Chlorophora excelsa</i>
Mansonia	,S,SS	I E,S	+++	W,D	C	African Black Walnut	<i>Mansonia altissima</i>
	N,CNS		+	D		Cardiac glycoside in bark	
Obeche	I,S	E,S,R	+++	W,D	C	African whitewood, Satinwood (Liverpool), Samba, related to Mansonia . Contact urticaria	<i>Triplochiton scleroxylon</i>
Wenge	S,SS,CNS	E,S,R	+,++	W,D	C	Central nervous system, bark dust=fish stupefier in Africa	<i>Millettia /aurentii</i>
Maple (Spalted)	S,P	R	+++	D	C	Maple bark disease= <i>Cryptostroma corticate</i>	<i>Acer sp.</i>

Redwood	S,P	E,S,R	++	D	R?	Separate from Sequoiosis	<i>Sequoia sempervirens</i>
(Sequoia)	I,P	R	+	D	R?	Sequoiosis=Pul/u/aria <i>pullulans</i> , <i>Graphium sp.</i>	<i>Sequoia sempervirens</i>
Olivewood	I,S	E,S,R	+++	W,D	C	Italian olivewood	<i>Olea europaea</i>
Satinwood	I	E,S,R	+++	W,D	C		<i>Fagara flava</i>
						W.I. Satinwood, yellowwood	<i>Zanthoxylum flavum</i>
						East Indian or Ceylon satinwood	<i>Chloroxylon swietenia</i>
						? Sweet Gum(satin walnut , amberwood , Am . Red gum)	<i>Liquidambar styraciflua</i>
Pau amarello						Boxwood,yellowheart ,satinwood ,canary wood	<i>Euxylophora paraensis</i>
Boxwood	S	E, S	++	W,D	C	?satinwood	<i>Buxus sempervirens</i>
Cedar, W. red	S	R	+++	D,LB	C	Plicatic acid	<i>Thuja plicata</i>
Beech	S,C	E,S,R	++	LB, D	C		<i>Fagus</i>
Birch	S	R	++	W,D	C	ASA allergy=salicylic acid, related to alder	<i>Betula sp</i>
Alder	I,C,P	S,R	?		?R	Related to birch	<i>Alnus sp</i>
Ebony	I,S	E,S	++	W,D	C		<i>Diaspyros sp.</i>
Goncalo Alves	S	E,S	++	W,D	R	Relative of Poison Ivy, Mango, Cashew	<i>Astronium graveolens</i>
Tigerwood	S	E,S	++	W,D		Zebrawood, relative of Poison ivy	<i>Astronium fraxinifolium</i>
Zebrawood	S	E,S	++	W,D			<i>Microber/inia brazzavillensis</i>
Myrtle	S	R	++	LB,D	C	California Bay Laurel	<i>Umbellularia californica</i>
Oak	S	E,S	++	LB,D	R		<i>Quercus sp</i>
Peroba Rosa	I,CNS	R,N	++	W,D	U,C	Dry wood=non-toxic until activated by organic solvents	<i>Aspidosperma peroba</i>
						Related to Oleander	
Quebracho	I	R,N	++	LB,D	C	Related to Oleander	<i>Aspidosperma quebracho</i>
Snakewood	I	R	++	W ,D	R	Leopardwood	<i>Piratinera guaiansis</i>
Walnut, Black	S	E,S	++	W,D	C	Juglone=laxative, sedative =herbicide, toxic to horses	<i>Juglans nigra</i>
Imbuia		C,N				Brazilian walnut	<i>Phoebe porosa</i>
Teak	S,P	E,S,R	++	D	C	Even after seasoning	<i>Tectonia grandis</i>
Makore	S,P, CNS	S,R	?++			African cherry	<i>Tieghemella heckelii</i>
Dahoma	I	E,S	++	C	C		<i>Piptadeniastrum africanum</i>
Bald Cypress	S	R	+	D	R		<i>Taxodium distichum</i>
R Balsam Fir	S	E, S	+	LB	C		<i>Abies balsamea</i>
Cashew	S	E,S	+,++++	W,D	R	Acajou nut shell oil=anacardic acid	<i>Anacardium occidentale</i>
Elm	I	E,S	+	D	R		<i>Ulmussp.</i>
Mahogany	S,P	S,R	+	D	U	African mahogany, Indian mahogany	<i>Khaya ivorensis, Swieteniasp.</i>
			?+++			Rengas Singapore mahogany , Straits Mahogany	<i>Gluta coartata, G.wrayi</i>
Opepe	S,CNS	R	+	D	R		<i>Nauclea diderrchii</i>
Padauk	S,N	E,S,R	+	W,D	R	African paduak	<i>Pterocarpus soyauxii</i>
Pau Ferro	S	E,S	+	W,D	R	Bolivian rosewood,Santos rosewood, Ironwood, Morado	<i>Machaerium villosum</i>
			?			Africa : Pau rosa,boto,cimbe,oken ,kissamba	<i>Swartzia madagascariensis</i>
Sassafras	S	R	+	D	C		<i>Sassafras albidum</i>
	DT	N	+	D,W,LB	R	Leaves source of file, rootbeer	
	C		?	D,O	U	Oil of= safrole abortofactant	
Spruce	S	R	+	W,D	R		<i>Picea sp.</i>
Willow	S	R,N	+	D,W ,LB	U	ASA allergy=salicylic acid	<i>Salix sp.</i>

Hemlock	C	R	?	D	U		<i>Tsuga</i>
Cedar, American	I	S	?			Plicatic acid	<i>Thuja occidentalis</i>
Chestnut	I	S	?				<i>Castanea dentata</i>
Douglas fir	I	S,C,R	?				<i>Pseudotsuga sp.</i>
Lacewood	I,P	S,R		green D		Silky Oak(Australia), Grevillea poisoning in LA pruners	<i>Grevillea robusta</i>
Larch	I	S	?			Tamarack	<i>Larix laricina</i>
Limba	SS,P,C					Plywood	<i>Terminalia superba</i>
Pine	I,S	S,R	?			Abietic (sylvic) acid	<i>Pinus sp.</i>
Spruce	P	R	?				<i>Picea sp.</i>
Pecan	I	S	+	0		Walnut family	<i>Carya pecan</i>