

Wood Toxicity: Symptoms, Species, and Solutions

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Table 2. Woods known to have wood toxicity effects, arranged by botanical name. Adapted from the Wood Database (<http://www.wood-database.com>). A good reference book about wood toxicity is “Woods Injurious to Human Health – A Manual” by Björn Hausen (1981) ISBN 3-11-008485-6.

Table 2. Woods known to have wood toxicity effects, arranged by botanical name.

Botanical name	Family	Trade Name(s)	Distribution	Reported Symptoms	Affected Organs
<i>Acacia melanoxylon</i>	Fabaceae (Legume Family)	Australian Blackwood, Tasmanian Blackwood, Acacia Blackwood	Tasmania, Southeast Australia, Widely Cultivated	Asthma, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Acer campestre</i>	Sapindaceae (Soapberry Family)	Field Maple, Hedge Maple	Europe	Asthma, Extrinsic Allergic Alveolitis (spalted woods), Irritant, Sensitizer	Skin, Lungs
<i>Acer macrophyllum</i>	Sapindaceae (Soapberry Family)	Bigleaf Maple	Pacific Northwest of North America	Asthma, Extrinsic Allergic Alveolitis (spalted woods), Irritant, Sensitizer	Skin, Lungs
<i>Acer negundo</i>	Sapindaceae (Soapberry Family)	Box Elder, Boxelder Maple, Manitoba Maple, Ash-leaved Maple	North America	Asthma, Extrinsic Allergic Alveolitis (spalted woods), Irritant, Sensitizer	Skin, Lungs
<i>Acer nigrum</i>	Sapindaceae (Soapberry Family)	Black Maple, Black Sugar Maple	Northeast USA	Asthma, Extrinsic Allergic Alveolitis (spalted woods), Irritant, Sensitizer	Skin, Lungs
<i>Acer pensylvanicum</i>	Sapindaceae (Soapberry Family)	Striped Maple	Eastern North America	Asthma, Extrinsic Allergic Alveolitis (spalted woods), Irritant, Sensitizer	Skin, Lungs
<i>Acer platanoides</i>	Sapindaceae (Soapberry Family)	Norway Maple	Europe, Western Asia, Widely Cultivated in North America	Asthma, Extrinsic Allergic Alveolitis (spalted woods), Irritant, Sensitizer	Skin, Lungs
<i>Acer pseudoplatanus</i>	Sapindaceae (Soapberry Family)	Sycamore Maple, European Sycamore	Europe, Southwest Asia	Asthma, Extrinsic Allergic Alveolitis (spalted woods), Irritant, Sensitizer	Skin, Lungs
<i>Acer rubrum</i>	Sapindaceae (Soapberry Family)	Red Maple	Eastern North America	Asthma, Extrinsic Allergic Alveolitis (spalted woods), Irritant, Sensitizer	Skin, Lungs

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<i>Acer saccharinum</i>	Sapindaceae (Soapberry Family)	Silver Maple	Northeastern USA	Asthma, Extrinsic Allergic Alveolitis (spalted woods), Irritant, Sensitizer	Skin, Lungs
<i>Acer saccharum</i>	Sapindaceae (Soapberry Family)	Hard Maple, Sugar Maple, Rock Maple	Northeast North America	Asthma, Extrinsic Allergic Alveolitis (spalted woods), Irritant, Sensitizer	Skin, Lungs
<i>Azelia species</i>	Fabaceae (Legume Family)	Azelia, Doussie	Africa, Southeast Asia	Irritant, Sneezing	Skin, Eyes, Lungs
<i>Ailanthus altissima</i>	Sapindaceae (Soapberry Family)	Ailanthus, Tree of Heaven, Chinese Sumac	China, Cultivated Elsewhere	Irritant	Skin
<i>Albizia ferruginea</i>	Fabaceae (Legume Family)	Albizia, Tanga Tanga	Tropical Africa	Conjunctivitis (Pink Eye), Dizziness, Irritant, Nausea, Nosebleeds	Skin, Eyes, Lungs, Nasal, Head
<i>Albizia lebeck</i>	Fabaceae (Legume Family)	Lebeck, Kokko	Southern Asia, Widely Cultivated	Irritant	Eyes, Lungs
<i>Albizia versicolor</i>	Fabaceae (Legume Family)	Albizia, Tanga Tanga	Tropical Africa	Conjunctivitis (Pink Eye), Dizziness, Irritant, Nausea, Nosebleeds	Skin, Eyes, Lungs, Nasal, Head
<i>Andira inermis</i>	Fabaceae (Legume Family)	Partridgewood, Angelim	Southern Mexico to Northern South America	Coughing, Hives, Irritant	Skin, Lungs
<i>Aspidosperma megalocarpon</i>	Apocynaceae	Araracanga	Mexico, Central America, Northern South America	Asthma, Irritant	Skin, Lungs
<i>Aspidosperma polyneuron</i>	Apocynaceae	Peroba Rosa	Brazil, Argentina	Asthma, Irritant, Nausea, Sensitizer	Skin, Eyes, Lungs, Head, Gastro-intestinal
<i>Astronium gaveolens</i>	Anacardiaceae (Cashew Family)	Goncalo Alves, Tigerwood, Jobillo	Mexico, South America	Sensitizer	Skin, Eyes
<i>Bagassa guianensis</i>	Moraceae (Fig Family; Mulberry Family)	Tatajuba	Northeast South America	Irritant	Skin

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<i>Baikiaea plurijuga</i>	Fabaceae (Legume Family)	Rhodesian Teak, Zambesi Redwood	Southern Africa, Zimbabwe	Irritant	Lungs
<i>Baillonella toxisperma</i>	Sapotaceae (Milkwood Family)	Moabi	Equatorial Africa	Irritant	Eyes, Nasal, Lungs
<i>Bobgunnia fisuloides</i>	Fabaceae (Legume Family)	Pau Rosa	African Rainforests	Irritant	Skin
<i>Bobgunnia madagascariensis</i>	Fabaceae (Legume Family)	Pau Rosa	African Rainforests	Irritant	Skin
<i>Brosimum guianense</i>	Moraceae (Fig Family; Mulberry Family)	Snakewood	Northeast South America (coast regions)	Irritant	Skin, Lungs
<i>Brosimum rubescens</i>	Moraceae (Fig Family; Mulberry Family)	Bloodwood	Tropical South America	Irritant, Nausea, Salivation, Thirst (excessive)	Skin, Head, Gastro-intestinal
<i>Brya ebenus</i>	Fabaceae (Legume Family)	Cocuswood, Jamaican Ebony	Caribbean	Irritant	Skin
<i>Bulnesia arborea</i>	Zygophyllaceae (Caltrop Family)	Verawood	Central America, Northern South America	Sneezing	Nasal, Lungs
<i>Bulnesia sarmientoi</i>	Zygophyllaceae (Caltrop Family)	Verawood	Central America, Northern South America	Sneezing	Nasal, Lungs
<i>Buxus sempervirens</i>	Buxaceae (Boxwood Family)	Boxwood, Common Box, European Box	Europe, Northwest Africa, Southwest Asia	Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Caesalpinia echinata</i>	Fabaceae (Legume Family)	Brazilwood, Pernambuco	Brazil	Blisters, Headache, Irritant, Nausea, Swelling Skin	Skin, Head, Gastro-intestinal
<i>Caesalpinia granadillo</i>	Fabaceae (Legume Family)	Brown Ebony, Guayacan	South America	Irritant	Skin
<i>Caesalpinia paraguariensis</i>	Fabaceae (Legume Family)	Brown Ebony, Guayacan	South America	Irritant	Skin
<i>Caesalpinia pluviosa</i>	Fabaceae (Legume Family)	Brown Ebony, Guayacan	South America	Irritant	Skin
<i>Carapa</i> species	Meliaceae (Mahogany Family)	Andiroba	Central America, South America	Irritant, Sneezing	Skin, Eyes, Lungs
<i>Cardwellia sublimis</i>	Proteaceae (Protea Family)	Northern Silky Oak, Australian Lacewood	Australia (Queensland)	Irritant	Skin

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<i>Carpinus betulus</i>	Betulaceae (Birch Family)	European Hornbeam, Common Hornbeam	Europe, Western Asia	Irritant	Skin
<i>Carpinus caroliniana</i>	Betulaceae (Birch Family)	American Hornbeam, Blue Beech	Eastern North America	Irritant	Skin
<i>Cedrus libani</i>	Pinaceae (Pine Family)	Cedar of Lebanon	Mediterranean	Irritant	Skin, Lungs
<i>Celtis laevigata</i>	Cannabaceae (Hemp Family)	Hackberry	Eastern North America	Irritant	Skin
<i>Celtis occidentalis</i>	Cannabaceae (Hemp Family)	Hackberry	Eastern North America	Irritant	Skin
<i>Chlorocardium rodiei</i>	Lauraceae (Laurel Family)	Greenheart	Northeast South America	Irritant, Wheezing, Septic Wounds (splinters), Cardiac Disorders, Intestinal Disorders	Skin, Lungs, Heart, Eyes, Throat, Gastro-intestinal
<i>Chloroxylon swietenia</i>	Rutaceae (Citrus Family)	East Indian Satinwood, Ceylon Satinwood	Central and Southern India, Sri Lanka	Headache, Irritant, Intestinal Disorders, Sensitizer	Skin, Eyes, Lungs, Gastro-intestinal
<i>Cinnamomum camphora</i>	Lauraceae (Laurel Family)	Camphor, Camphor Laurel	Southeast Asia, Widely Cultivated	Asthma, Dizziness, Headaches, Irritant	Skin, Lungs, Head
<i>Combretum imberbe</i>	Combretaceae (White Mangrove Family)	Leadwood	Southern Africa to Tanzania	Irritant	Skin
<i>Cordia alliodora</i>	Boraginaceae	Freijo	Southern Mexico to Brazil	Irritant, Sensitizer, Thirst	Skin, Gastro-intestinal
<i>Cordia dodecandra</i>	Boraginaceae	Ziricote	Mexico, Central America	Irritant, Sensitizer	Skin, Cross reactivity to other woods
<i>Cordia goeldiana</i>	Boraginaceae	Freijo	Southern Mexico to Brazil	Irritant, Sensitizer, Thirst	Skin, Gastro-intestinal
<i>Cordia species</i>	Boraginaceae	Bocote	Mexico, Central America, South America	Irritant, Sensitizer (Cross reactivity to other woods)	Skin
<i>Cupressus goveniana</i>	Cupressaceae (Cypress Family)	Gowen Cypress	California Coast of USA	Irritant	Skin
<i>Cupressus lusitanica</i>	Cupressaceae (Cypress Family)	Mexican Cypress, Cedar of Goa	Mexico, Central America; Cultivated elsewhere	Irritant	Skin

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<i>Cupressus macrocarpa</i>	Cupressaceae (Cypress Family)	Monterey Cypress	California Coast of USA, Cultivated in North America and UK	Irritant	Skin
<i>Cupressus nootkatensis</i>	Cupressaceae (Cypress Family)	Alaskan Yellow Cedar, Nootka Cypress	Northwest coast of North America	Irritant	Skin
<i>Cupressus sempervirens</i>	Cupressaceae (Cypress Family)	Mediterranean Cypress	Eastern Mediterranean	Headache, Irritant, Sensitizer	Skin, Head
<i>Cupressus X leylandii</i>	Cupressaceae (Cypress Family)	Leyland Cypress	United Kingdom (cultivated hybrid)	Irritant	Skin
<i>Dacrydium spp</i>	Podocarpaceae (Podocarp Family)	Huon Pine, Rimu, New Zealand Red Pine	Australia, New Zealand, Southeast Asia	Irritant	Skin, Eyes
<i>Dalbergia baronii</i>	Fabaceae (Legume Family)	Madagascar Rosewood, Palisander	Madagascar	Asthma, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Dalbergia cearensis</i>	Fabaceae (Legume Family)	Kingwood	Brazil	Conjunctivitis (Pink Eye), Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Dalbergia cochinchinensis</i>	Fabaceae (Legume Family)	Siamese Rosewood, Vietnamese Rosewood, Thailand Rosewood, Cambodian Rosewood	Thailand, Cambodia, Vietnam, Laos	Asthma, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Dalbergia cultrata</i>	Fabaceae (Legume Family)	Burmese Blackwood	Southeast Asia	Asthma, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Dalbergia decipularis</i>	Fabaceae (Legume Family)	Tulipwood, Brazilian Tulipwood	Northeast Brazil	Asthma, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Dalbergia greveana</i>	Fabaceae (Legume Family)	Madagascar Rosewood, Palisander	Madagascar	Asthma, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Dalbergia latifolia</i>	Fabaceae (Legume Family)	East Indian Rosewood, Indian Rosewood	India, Sri Lanka, Indonesia	Asthma, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Dalbergia madagascariensis</i>	Fabaceae (Legume Family)	Madagascar Rosewood, Palisander	Madagascar	Asthma, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Dalbergia maritima</i>	Fabaceae (Legume Family)	Bois de Rose	Madagascar	Asthma, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Dalbergia melanoxylon</i>	Fabaceae (Legume Family)	African Blackwood	Central Africa, Southern Africa	Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Dalbergia monticola</i>	Fabaceae (Legume Family)	Madagascar Rosewood, Palisander	Madagascar	Asthma, Irritant, Sensitizer	Skin, Eyes, Lungs

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<i>Dalbergia nigra</i>	Fabaceae (Legume Family)	Brazilian Rosewood, Bahia Rosewood, Jacaranda*	Brazil	Asthma, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Dalbergia oliveri</i>	Fabaceae (Legume Family)	Burmese Rosewood	Myanmar, Southeast Asia	Asthma, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Dalbergia retusa</i>	Fabaceae (Legume Family)	Cocobolo, Cocobola, Cocabola	Central America	Asthma, Irritant, Nausea, Sensitizer	Skin, Eyes, Lungs, Gastro-intestinal
<i>Dalbergia sissoo</i>	Fabaceae (Legume Family)	Sissoo, Sheesham	Northern India, Nepal, Pakistan, Western Asia, Widely Cultivated	Asthma, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Dalbergia spruceana</i>	Fabaceae (Legume Family)	Amazon Rosewood	Brazil, Venezuela, Bolivia	Asthma, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Dalbergia stevensonii</i>	Fabaceae (Legume Family)	Honduran Rosewood, Honduras Rosewood	Belize	Asthma, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Dalbergia tucurensis</i>	Fabaceae (Legume Family)	Yucatan Rosewood, Panama Rosewood, Nicaraguan Rosewood	Central and South America	Asthma, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Diospyros celebica</i>	Ebenaceae (Ebony Family)	Macassar Ebony	Southeast Asia	Irritant, Sensitizer	Skin
<i>Diospyros ebenum</i>	Ebenaceae (Ebony Family)	Ceylon Ebony	Southeast Asia	Conjunctivitis (Pink Eye), Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Diospyros virginiana</i>	Ebenaceae (Ebony Family)	Persimmon, White Ebony	Eastern USA	Irritant	Skin
<i>Entandrophragma cylindricum</i>	Meliaceae (Mahogany Family)	Sapele, Saplelli, Sapell	Tropical Africa	Irritant, Sneezing	Skin, Lungs
<i>Entandrophragma utile</i>	Meliaceae (Mahogany Family)	Utile, Sipo, Sipo Mahogany	West and Central Africa	Irritant	Skin
<i>Enterolobium cyclocarpum</i>	Fabaceae (Legume Family)	Guanacaste, Parota	Mexico, Central America, N South America	Irritant	Eyes, Lungs
<i>Eucalyptus coolabah</i>	Myrtaceae (Myrtle Family)	Coolibah, Collibah Burl	Australia	Irritant	Skin
<i>Eucalyptus globulus</i>	Myrtaceae (Myrtle Family)	Blue Gum, Tasmanian Blue Gum	Tasmania, Southern Australia, Cultivated in Plantations	Irritant	Skin

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<i>Eucalyptus marginata</i>	Myrtaceae (Myrtle Family)	Jarrah	Australia	Irritant	Eyes, Lungs
<i>Eucalyptus microtheca</i>	Myrtaceae (Myrtle Family)	Coolibah, Collibah Burl	Australia	Irritant	Skin
<i>Eucalyptus regnans</i>	Myrtaceae (Myrtle Family)	Mountain Ash, Victorian Ash	Southeastern Australia, Cultivated in Plantations	Irritant	Skin, Eyes, Lungs
<i>Euxylophora paraensis</i>	Rutaceae (Citrus Family)	Yellowheart, Pau Amarello	Brazil	Irritant	Skin
<i>Fagus sylvatica</i>	Fagaceae (Beech Family)	European Beech	Europe	Irritant, Sensitizer, Nasopharyngeal Cancer (rare)	Skin, Eyes, Lungs
<i>Flindersia brayleyana</i>	Rutaceae (Citrus Family)	Queensland Maple	Australia (Northern Queensland)	Irritant	Skin, Lungs
<i>Gluta</i> species	Anacardiaceae (Cashew Family)	Rengas, Borneo Rosewood, Tiger Rengas	India to Papua New Guinea	Fever, Irritant, Blisters, Ulcers, General Symptoms	Skin, Systemic
<i>Gonostylus</i> species	Thymelaeaceae (Daphne Family)	Ramin	Southeast Asia	Asthma, Irritant, Septic Wounds (splinters)	Skin, Eyes, Lungs
<i>Grevillea robusta</i>	Proteaceae (Protea Family)	Southern Silky Oak	Australia (East Coast); Cultivated elsewhere	Blisters, Irritant, Sensitizer	Skin, Systemic
<i>Guaiacum officinale</i>	Zygophyllaceae (Caltrop Family)	Lignum Vitae	Central America, Northern South America	Irritant	Skin
<i>Guaiacum sanctum</i>	Zygophyllaceae (Caltrop Family)	Lignum Vitae	Central America, Northern South America	Irritant	Skin
<i>Guarea cedrata</i>	Meliaceae (Mahogany Family)	Bosse, Guarea	West and Central Africa	Asthma, Headache, Irritant, Nausea, Sensitizer	Skin, Eyes, Lungs, Head
<i>Guarea thompsonii</i>	Meliaceae (Mahogany Family)	Bosse, Guarea	West and Central Africa	Asthma, Headache, Irritant, Nausea, Sensitizer	Skin, Eyes, Lungs, Head
<i>Guibourtia demeusei</i>	Fabaceae (Legume Family)	Bubinga, Kavazingo	Equatorial Africa	Irritant, Skin Lesion	Skin
<i>Guibourtia pellegriniana</i>	Fabaceae (Legume Family)	Bubinga, Kavazingo	Equatorial Africa	Irritant, Skin Lesion	Skin

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<i>Guibourtia tessmannii</i>	Fabaceae (Legume Family)	Bubinga, Kavazingo	Equatorial Africa	Irritant, Skin Lesion	Skin
<i>Handroanthus</i> species	Bignoniaceae	Ipe, Brazilian Walnut, Lapacho	Tropical Americas, Cultivated in Plantations	Asthma, Headache, Irritant	Skin, Eyes, Lungs, Head
<i>Hymenaea courbarii</i>	Fabaceae (Legume Family)	Jatoba, Brazilian Cherry	Southern Mexico, Central America, Northern South America, Caribbean	Irritant	Skin
<i>Intsia bijuga</i>	Fabaceae (Legume Family)	Merbau	East Africa to Southeast Asia and Australia	Irritant	Skin, Lungs
<i>Intsia palebanica</i>	Fabaceae (Legume Family)	Merbau	East Africa to Southeast Asia and Australia	Irritant	Skin, Lungs
<i>Juglans nigra</i>	Juglandaceae (Walnut Family)	Black Walnut	Eastern USA	Irritant, Sensitizer, Nasopharyngeal Cancer (rare)	Skin, Eyes, Lungs
<i>Juglans regia</i>	Juglandaceae (Walnut Family)	English Walnut	Eastern Europe and Western Asia	Irritant, Nasopharyngeal Cancer (rare)	Skin, Eyes, Lungs
<i>Juniperus deppeana</i>	Cupressaceae (Cypress Family)	Alligator Juniper	Southwest USA, Northern Mexico	Irritant	Skin, Lungs
<i>Juniperus virginiana</i>	Cupressaceae (Cypress Family)	Aromatic Red Cedar, Eastern Red Cedar	Eastern North America	Irritant	Skin, Lungs
<i>Khaya anthotheca</i>	Meliaceae (Mahogany Family)	African Mahogany	West Tropical Africa	Irritant, Sensitizer, Nasopharyngeal Cancer (rare)	Skin, Lungs
<i>Khaya grandifoliola</i>	Meliaceae (Mahogany Family)	African Mahogany	West Tropical Africa	Irritant, Sensitizer, Nasopharyngeal Cancer (rare)	Skin, Lungs
<i>Khaya ivorensis</i>	Meliaceae (Mahogany Family)	African Mahogany	West Tropical Africa	Irritant, Sensitizer, Nasopharyngeal Cancer (rare)	Skin, Lungs
<i>Khaya senegalensis</i>	Meliaceae (Mahogany Family)	African Mahogany	West Tropical Africa	Irritant, Sensitizer, Nasopharyngeal Cancer (rare)	Skin, Lungs

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<i>Laburnum anagyroides</i>	Fabaceae (Legume Family)	Laburnum, Golden Chain	Central and Southern Europe	Direct Toxin! Headache, Nausea, Vomiting	Head, Gastro-intestinal
<i>Lagarostrobos franklinii</i>	Podocarpaceae (Podocarp Family)	Huon Pine, Rimu, New Zealand Red Pine	Australia, New Zealand, Southeast Asia	Irritant	Skin, Eyes
<i>Liquidambar styraciflua</i>	Altiingiaceae (Sweetgum Family)	Sweetgum	Southeast USA	Irritant	Skin
<i>Liriodendron tulipifera</i>	Magnoliaceae (Magnolia Family)	Poplar, Tulip Poplar, Yellow Poplar	Eastern USA	Asthma, Blisters, Bronchitis, Irritant	Skin, Eyes, Lungs
<i>Lovoa trichilioides</i>	Meliaceae (Mahogany Family)	African Walnut	West Tropical Africa	Irritant, Nasopharyngeal Cancer (rare), Systemic Reaction	Skin, Eyes, Systemic
<i>Lysiloma bahamense</i>	Fabaceae (Legume Family)	Tzalam, Caribbean Walnut, Sabicu, False Tamarind	Mexico, Central America	Runny Nose	Nasal
<i>Lysiloma latisiliquum</i>	Fabaceae (Legume Family)	Tzalam, Caribbean Walnut, Sabicu, False Tamarind	Mexico, Central America	Runny Nose	Nasal
<i>Machaerium scleroxylon</i>	Fabaceae (Legume Family)	Pau Ferro, Morado, Bolivian Rosewood, Santos Rosewood	Tropical South America (Bolivia, Brazil)	Irritant, Sensitizer	Skin, Eyes
<i>Maclura pomifera</i>	Moraceae (Fig Family; Mulberry Family)	Osage Orange, Horse Apple, Hedge Apple, Bois d'Arc	South-central USA	Irritant, Sensitizer	Skin
<i>Maclura tinctoria</i>	Moraceae (Fig Family; Mulberry Family)	Argentine Osage Orange, Fustic	Tropical America	Irritant, Sensitizer	Skin
<i>Mangifera indica</i>	Anacardiaceae (Cashew Family)	Mango, Hawaiian Mango	Tropical Asia, Oceania	Irritant, Sensitizer	Skin
<i>Manilkara zapota</i>	Sapotaceae (Milkwood Family)	Chico Zapote, Zapote, Sapodilla	Southern Mexico, Central America	Irritant	Nasal

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<i>Mansonia altissima</i>	Malvaceae (Mallow Family)	Mansonia	Western Tropical Africa	Asthma, Cardiac Disorders, Dizziness, Headache, Irritant, Nausea, Nosebleed, Sensitizer, Septic Wounds (splinters)	Skin, Eyes, Lungs, Heart, Head, Gastro-Intestinal
<i>Melanorrhoea</i> species	Anacardiaceae (Cashew Family)	Rengas, Borneo Rosewood, Tiger Rengas	India to Papua New Guinea	Blisters, Fever, Irritant, Systemic Effects, Ulcers	Skin, Systemic
<i>Melia azedarach</i>	Meliaceae (Mahogany Family)	Chinaberry	South Asia, Australia, Oceania	Headache, Irritant	Skin, Lungs, Head
<i>Metopium brownei</i>	Anacardiaceae (Cashew Family)	Chechen, Chechem, Black Poisonwood, Caribbean Rosewood	Caribbean, Southeast Mexico, Central America	Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Microberlinia brazzavillensis</i>	Fabaceae (Legume Family)	Zebrawood, Zebrano	West Africa	Sensitizer	Skin, Eyes
<i>Milicia excelsa</i>	Moraceae (Fig Family; Mulberry Family)	Iroko	Tropical Africa	Asthma, Boils, Dizziness, Extrinsic Allergic Alveolitis, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Milicia regia</i>	Moraceae (Fig Family; Mulberry Family)	Iroko	Tropical Africa	Asthma, Boils, Dizziness, Extrinsic Allergic Alveolitis, Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Millettia laurentii</i>	Fabaceae (Legume Family)	Wenge	Central Africa	Gastro-intestinal Disorders, Irritant, Nervous System Disorders, Sensitizer, Septic Wounds (splinters)	Skin, Eyes, Lungs, Head, Gastro-intestinal
<i>Mora excelsa</i>	Fabaceae (Legume Family)	Mora	Northeast South America	Irritant	Lungs
<i>Mora gonggrijpii</i>	Fabaceae (Legume Family)	Mora	Northeast South America	Irritant	Lungs
<i>Myroxylon peruiferum</i>	Fabaceae (Legume Family)	Quina	Southern Mexico, Central, America, South America	Irritant	Skin, Lungs

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<i>Nothofagus cunninghamii</i>	Nothofagaceae (Southern Beech Family)	Tasmanian Myrtle	Southeast Australia and New Zealand	Irritant	Eyes, Lungs
<i>Ocotea porosa</i>	Lauraceae (Laurel Family)	Imbuia, Embuya, Brazilian Walnut	Southern Brazil	Irritant	Skin, Lungs
<i>Olea</i> species	Oleaceae	Olive	Europe, Eastern Africa, Southern Africa	Irritant, Sensitizer	Skin, Eyes, Lungs
<i>Olneya tesota</i>	Fabaceae (Legume Family)	Desert Ironwood	Southwest USA, Northwest Mexico	Coughing, Irritant, Sneezing	Lungs, Nasal
<i>Ostrya virginiana</i>	Betulaceae (Birch Family)	Hophornbeam, American Ironwood	Eastern North America	Irritant	Skin
<i>Panopsis rubescens</i>	Proteaceae (Protea Family)	Lacewood, Brazilian Lacewood, South American Lacewood	Tropical South America	Irritant	Skin
<i>Panopsis sessilifolia</i>	Proteaceae (Protea Family)	Lacewood	Tropical South America	Irritant	Skin
<i>Peltogyne</i> species	Fabaceae (Legume Family)	Purpleheart, Amaranth	Mexico, Central America, South America	irritant, Nausea, Sensitizer	Skin, Eyes, Gastro-intestinal
<i>Pistacia vera</i>	Anacardiaceae (Cashew Family)	Pistachio	Iran, Widely Cultivated in Mediterranean Climates	Irritant	Skin
<i>Prosopis africana</i>	Fabaceae (Legume Family)	African Mesquite	Tropical Africa	Irritant	Skin
<i>Prosopis glandulosa</i>	Fabaceae (Legume Family)	Honey Mesquite	Southwest North America	Irritant	Skin
<i>Prosopis juliflora</i>	Fabaceae (Legume Family)	Mesquite	Mexico, Central America, South America	Irritant	Skin
<i>Prosopis kuntzei</i>	Fabaceae (Legume Family)	Itin, Cranda	Gran Chaco Region of South America	Irritant	Skin
<i>Prosopis nigra</i>	Fabaceae (Legume Family)	Black Mesquite	Gran Chaco Region of South America	Irritant	Skin

Table 2. Woods known to have wood toxicity effects, arranged by botanical name.

Botanical name	Family	Trade Name(s)	Distribution	Reported Symptoms	Affected Organs
<i>Pseudotsuga menziesii</i>	Pinaceae (Pine Family)	Douglas Fir	Western North America	Dizziness, Irritant, Nausea, Runny Nose, Septic Wounds (splinters)	Skin, Lungs, Nasal, Head, Gastro-intestinal
<i>Ptaeroxylon obliquum</i>	Rutaceae (Citrus Family)	Sneezewood	Southern Africa	Irritant	Lungs
<i>Pterocarpus angolensis</i>	Fabaceae (Legume Family)	Muninga, Kiaat, Mukwa	South-central Africa	Asthma, Bronchitis, Irritant	Skin, Lungs
<i>Pterocarpus dalbergioides</i>	Fabaceae (Legume Family)	Andaman Padauk	Andaman Islands	Asthma, Irritant, Nausea, Sensitizer	Skin, Eyes, Lungs
<i>Pterocarpus indicus</i>	Fabaceae (Legume Family)	Amboyna Burl	Andaman Islands	Asthma, Irritant, Nausea, Sensitizer	Skin, Lungs
<i>Pterocarpus indicus</i>	Fabaceae (Legume Family)	Narra	Southeast Asia	Asthma, Irritant	Skin, Lungs
<i>Pterocarpus macrocarpus</i>	Fabaceae (Legume Family)	Amboyna Burl	Southeast Asia	Asthma, Irritant	
<i>Pterocarpus macrocarpus</i>	Fabaceae (Legume Family)	Burma Padauk	Myanmar and Thailand	Asthma, Irritant	Skin, Lungs
<i>Pterocarpus santalinus</i>	Fabaceae (Legume Family)	Zitan, Red Sandalwood, Red Sanders	Southeast India	Asthma, Irritant, Nausea, Sensitizer	Skin, Eyes, Lungs
<i>Pterocarpus soyauxii</i>	Fabaceae (Legume Family)	African Padauk, Vermillion	Central and Tropical Africa	Asthma, Irritant, Nausea, Sensitizer	Skin, Eyes, Lungs
<i>Quercus</i> species	Fagaceae (Beech Family)	Oaks (300 to 600 species)	Northern Hemisphere	Asthma, Irritant, Nasopharyngeal Cancer (rare), Sensitizer	Skin, Eyes, Lungs
<i>Rhamnus</i> species	Rhamnaceae (Buckthorn Family)	Buckthorn	Northern Hemisphere	Irritant, Sensitizer	Skin
<i>Rhus</i> species	Anacardiaceae (Cashew Family)	Sumac, Staghorn Sumac	Northeast USA	Blisters, Irritant	Skin
<i>Robinia pseudoacacia</i>	Fabaceae (Legume Family)	Black Locust	North America	Irritant, Nausea	Skin, Eyes
<i>Salix nigra</i>	Salicaceae (Willow Family)	Black Willow	Eastern USA	Irritant, Nasopharyngeal Cancer (rare), Nausea, Sensitizer	Lungs, Nasal

Table 2. Woods known to have wood toxicity effects, arranged by botanical name.

Botanical name	Family	Trade Name(s)	Distribution	Reported Symptoms	Affected Organs
<i>Schinopsis balansae</i>	Anacardiaceae (Cashew Family)	Qeubracho, Quebracho Colorado, Red Quebracho	Tropical South America	Irritant, Nasopharyngeal Cancer (rare), Nausea	Lungs, Nasal
<i>Schinopsis brasiliensis</i>	Anacardiaceae (Cashew Family)	Qeubracho, Quebracho Colorado, Red Quebracho	Tropical South America	Irritant, Nasopharyngeal Cancer (rare), Nausea	Lungs, Nasal
<i>Schinopsis lorentzii</i>	Anacardiaceae (Cashew Family)	Qeubracho, Quebracho Colorado, Red Quebracho	Tropical South America	Irritant, Nasopharyngeal Cancer (rare), Nausea	Lungs, Nasal
<i>Schinopsis quebracho-colorado</i>	Anacardiaceae (Cashew Family)	Qeubracho, Quebracho Colorado, Red Quebracho	Tropical South America	Irritant, Nasopharyngeal Cancer (rare), Nausea	Lungs, Nasal
<i>Senna siamea</i>	Fabaceae (Legume Family)	Pheasantwood	Southeast Asia, Widely Cultivated Elsewhere	Irritant, Skin Discoloration	Skin, Eyes
<i>Sequoia sempervirens</i>	Cupressaceae (Cypress Family)	Redwood, Sequoia, Coast Redwood, California Redwood, Vavona (burl)	West Coast of USA	Asthma, Extrinsic Allergic Alveolitis, Irritant, Nasopharyngeal Cancer (rare), Sensitizer	Skin, Eyes, Lungs
<i>Spirostachys africana</i>	Euphorbiaceae (Spurge Family)	Tambootie (Tambuti, Tambotie), Sandalo	Southern Africa	Direct Toxin! Blindness, Gastro- intestinal Disorders, Irritant	Skin, Eyes, Gastro- intestinal
<i>Swartzia benthamiana</i>	Fabaceae (Legume Family)	Wamara, Guyana Rosewood	Southern Mexico, Central America, Northern South America	Irritant	Skin, Lungs
<i>Swartzia cubensis</i>	Fabaceae (Legume Family)	Katalox, Mexican Royal Ebony	Southern Mexico, Central America, Northern South America	Irritant	Skin, Lungs
<i>Swartzia leiocalycina</i>	Fabaceae (Legume Family)	Wamara, Guyana Rosewood	Southern Mexico, Central America, Northern South America	Irritant	Skin, Lungs

Table 2. Woods known to have wood toxicity effects, arranged by botanical name.

Botanical name	Family	Trade Name(s)	Distribution	Reported Symptoms	Affected Organs
<i>Swietenia macrophylla</i>	Meliaceae (Mahogany Family)	Honduran Mahogany, Honduras Mahogany, American Mahogany, Genuine Mahogany, Big-Leaf Mahogany, Brazilian Mahogany	Southern Mexico to Central South America; Widely Cultivated in Plantations	Asthma, Boils, Dizziness, Extrinsic Allergic Alveolitis, Irritant, Nausea, Sensitizer	Skin, Eyes, Lungs, Gastro-intestinal
<i>Swietenia mahogani</i>	Meliaceae (Mahogany Family)	Cuban Mahogany, West Indies Mahogany	Southern Florida, Caribbean	Irritant	Skin
<i>Talipariti elatum</i>	Malvaceae (Mallow Family)	Blue Mahoe	Cuba, Jamaica, Cultivated Elsewhere	Sneezing	Lungs, Nasal
<i>Taxus baccata</i>	Taxaceae (Yew Family)	European Yew, Common Yew	Europe, Southwest Asia	Direct Toxin! Cardiac Effects, Headache, Irritant, Nausea	Skin, Lungs, Head, Heart, Eyes
<i>Taxus brevifolia</i>	Taxaceae (Yew Family)	Pacific Yew, Oregon Yew	Pacific Northwest of North America	Direct Toxin! Cardiac Effects, Headache, Irritant, Nausea	Skin, Lungs, Head, Heart, Eyes
<i>Tectona grandis</i>	Lamiaceae	Teak, Burmese Teak	Southern Asia, Cultivated in Plantations	Asthma, Conjunctivitis (Pink Eye) Extrinsic Allergic Alveolitis (spalted woods), Irritant, Nausea, Sensitizer, Vision Disorders	Skin, Eyes, Lungs, Gastro-intestinal
<i>Terminalia elliptica</i>	Combretaceae (White Mangrove Family)	Indian Laurel	Southern Asia	Irritant	Skin
<i>Terminalia superba</i>	Combretaceae (White Mangrove Family)	Limba, Black Limba, White Limba, Korina, Afara	Tropical Western Africa	Asthma, Hives, Irritant, Nosebleed (or bleeding gums), Septic Wounds (splinters)	Skin, Lungs, Head
<i>Tetraclinis articulata</i>	Cupressaceae (Cypress Family)	Thuja (burl)	Mediterranean (Atlas Mountains)	Irritant	Skin, Eyes
<i>Tieghemella africana</i>	Sapotaceae (Milkwood Family)	Makore	Western and Central Africa	Blood Disorders, Dizziness, Headache, Irritant, Nausea, Nervous System Disorders	Skin, Eyes, Lungs, Gastro-intestinal, Head

Table 2. Woods known to have wood toxicity effects, arranged by botanical name.

Botanical name	Family	Trade Name(s)	Distribution	Reported Symptoms	Affected Organs
<i>Tieghemella heckelii</i>	Sapotaceae (Milkwood Family)	Makore	Western and Central Africa	Blood Disorders, Dizziness, Headache, Irritant, Nausea, Nervous System Disorders	Skin, Eyes, Lungs, Gastro-intestinal, Head
<i>Umbellularia californica</i>	Lauraceae (Laurel Family)	Myrtle, Oregon Myrtle	Coast Regions of USA: Southwest Oregon, Central California	Irritant, Sensitizer	Skin, Lungs
<i>Vouacapoua americana</i>	Fabaceae (Legume Family)	Brownheart, Wacapou	Northeast South America	Irritant	Skin
<i>Zanthoxylum flavum</i>	Rutaceae (Citrus Family)	West Indian Satinwood	Caribbean	Blisters, Gastro- intestinal Disorders, Irritant, Sensitizer	Skin
<i>Zollernia</i> species	Fabaceae (Legume Family)	Pau Santo, Brazilian Blackheart	Brazil	Irritant	Skin