

Orangutan Browse List

This list was compiled from individual institutions, from the 1998 Association of Zoological Horticulture's (AZH) Browse Survey and from the updated 2003 AZH Browse & Enrichment Survey. The AZH approved the use of their browse surveys for this browse list. This list is meant to be used as a reference as to what other institutions use as browse for their orangutans.

With that said, there are a large number of plants (over 285) on the list. There are plant species listed from all over the United States and also from a few institutions in Australia. There are most likely plants on the list that do not grow in your area but may be found in greenhouses or in buildings in your own institutions. There are common species that many institutions feed out and those can be easily identified on this list. One thing to note is that some institutions listed groups of plants on their list and others were more specific. An example would be Mulberry, where many list just Mulberry and others list Red Mulberry, White Mulberry and a few list Black Mulberry. I mention this so that you look through the entire list if you should have a question about a certain plant.

Most of the list is orangutan specific but there are a few exceptions where institutions sent their entire browse list. All plant species were added to the list but most of these were common species and fed out to orangutans at other institutions.

The plants are listed in alphabetical order by common name, followed by the scientific name and then a number, which corresponds to an institution name. Check the key on the last page to see what number represents an individual institution.

This list was compiled by Andy Antilla a senior animal caretaker for orangutans at Great Ape Trust of Iowa.

Orangutan Browse List Disclaimer

The 1998 and 2003 Animal Browse & Enrichment Surveys represent a compilation of information submitted by the staff of AZH member organizations that participated in the surveys. The Association of Zoological Horticulture, Inc. (AZH), AZH's Information & Survey Committee members, the Orangutan SSP, and Great Ape Trust of Iowa do not assume responsibility for the suitability of the plant material listed as browse or enrichment for captive animals. Any plant under consideration as animal browse or enrichment should first be approved by the institution's veterinary staff.

<u>Browse</u>	<u>Scientific Name</u>	<u>Institution</u>
Abyssinian Banana	<i>Ensete ventricosum</i>	28
Acacia	<i>Acacia P. Mill.</i>	10, 21, 24
Acacia (Earleaf)	<i>Acacia auriculiformis</i>	21
Alder	<i>Alnus spp.</i>	6, 10, 18, 30, 35
Alfalfa	<i>Medicago sativa</i>	6, 10, 15, 18
Althea		15
Amaranth	<i>Amaranthus spp.</i>	10, 30
American Ash, White Ash	<i>Fraxinus americana L.</i>	9, 27
American Beech	<i>Fagus grandifolia</i>	6, 10, 18
American Elm	<i>Ulmus americana</i>	35
Amur Maple	<i>Acer ginnala</i>	6
Apple	<i>Malus spp.</i>	6, 10, 18, 30
Apple Pear		30
Apricot	<i>Prunus armeniaca</i>	17
Aralia	<i>Polyscias balfouriana marginai</i>	10
Arborvitae	<i>Thuja spp.</i>	10, 18, 30
Areca Palm	<i>Chrysalidocarpus lutescens</i>	10
Artichoke	<i>Cynara scolymus</i>	17
Artillery Plant	<i>Pilea microphylla</i>	10
Ash	<i>Fraxinus spp.</i>	6, 7, 9, 11, 18, 30
Aspen	<i>Populus spp.</i>	10, 18, 30
Australian Bush Cherry	<i>Syzygium paniculata</i>	28
Austree	<i>Salix matsudana x alba</i>	28
Bamboo	<i>Phyllostachys spp.</i>	3, 5, 6, 7, 10, 11, 14, 15, 16, 18, 21, 24, 27, 29, 30, 35, 36
Bamboo Palm	<i>Chamaedorea erumpens</i>	10
Banana	<i>Musa spp.</i>	5, 6, 10, 11, 12, 15, 18, 21, 24, 28, 31, 32, 33, 36
Basil	<i>Ocimum basilicum</i>	7
Beans	<i>Vicia spp.</i>	2
Beech	<i>Fagus L.</i>	10, 14, 30, 35, 36
Benjamin's Weeping Fig	<i>Ficus benjamina</i>	33
Birch	<i>Betula spp.</i>	2, 18, 30, 35, 36
Black Alder	<i>Alnus glutinosa</i>	6
Black Mulberry	<i>Morus nigra</i>	6, 22, 31
Black Olive	<i>Bucida buceras</i>	21
Black Tree Fern	<i>Cyathea medullaris</i>	2
Black Willow	<i>Salix nigra</i>	6, 7, 10
Blackberry	<i>Rubus allegheniensis</i>	10, 18, 22, 30, 35
Blue Spruce	<i>Picea pungens</i>	8
Blue Stem	<i>Andropogon spp.</i>	8
Boston Fern	<i>Nephrolepis exaltata 'Bostoniensis'</i>	27
Bottle Palm	<i>Beaucarnea recurvata</i>	10
Boxelder	<i>Acer negundo</i>	2, 6, 7
Bradford Pear	<i>Pyrus calleryana</i>	3, 30
Buddha's Belly Bamboo	<i>Bambusa ventricosa</i>	33
Bull Bay	<i>Magnoila gradiflora</i>	31

<u>Browse</u>	<u>Scientific Name</u>	<u>Institution</u>
Burma Reed, Cane Grass	<i>Neyraudia reynaudiana</i>	21
Bush Honeysuckle	<i>Lonicera spp.</i>	10, 30
Butterfly Bush	<i>Buddleia davidii</i>	10, 18, 22, 30
Cabbage Tree	<i>Cordyline spp.</i>	2
California Fan Palm	<i>Washingtonia filifera</i>	24
Camellia	<i>Camellia spp.</i>	17
Camphor, Camphor Laurel	<i>Cinnamomum camphora</i>	3
Canna	<i>Canna x generalis</i>	17
Cardoon	<i>Cynara cardunculus</i>	32
Carob	<i>Ceratonia siliqua</i>	10, 18, 24
Catalpa	<i>Catalpa speciosa</i>	27
Catnip	<i>Nepeta cataria</i>	7
Cattails	<i>Typha spp.</i>	10, 18, 24, 30
Chicory	<i>Cichorium L.</i>	10, 30
Chinese Banyan Tree, Indian Laurel	<i>Ficus microcarpa 'Nitida'</i>	28
Chinese Elm	<i>Ulmus parvifolia</i>	17
Chinese Hibiscus	<i>Hibiscus rosa-sinensis</i>	21
Chinese Lantern	<i>Abutilon spp.</i>	2
Chinese Parasol Tree	<i>Firmiana simplex</i>	3
Chinese Rose	<i>Hibiscus rosa-sinensis</i>	31
Claret Ash	<i>Fraxinus angustifolia 'Raywood'</i>	20
Clover	<i>Trifolium spp.</i>	10, 30
Coconut Palm	<i>Cocos nucifera L.</i>	21
Cocoplum	<i>Chrysobalanus icaco L.</i>	21
Coffee Plant	<i>Coffea arabica</i>	10, 18
Coleus	<i>Coleus Lour.</i>	10
Comfrey	<i>Symphytum spp.</i>	10, 30
Common Hackberry	<i>Celtis occidentalis</i>	33
Common Sunflower	<i>Helianthus annuus</i>	32
Corkscrew Willow	<i>Salix matsudana Koidzumi</i>	6
Corn Plant	<i>Dracaena fragrans</i>	7, 10, 18
Corn Stalks	<i>Zea mays</i>	11, 33
Cotoneaster	<i>Cotoneaster spp.</i>	18, 30, 35
Cottonwood	<i>Populus spp.</i>	10, 11, 14, 16, 18, 24, 26, 30, 31, 36
Crabapple	<i>Malus spp.</i>	6, 10, 11, 16, (16 – no berries)
Crack Willow	<i>Salix fragilis</i>	7
Creeping Fig	<i>Ficus pumila</i>	28
Crape Myrtle	<i>Lagerstroemia indica L.</i>	36
Crepe Ginger, Wild Ginger	<i>Costus speciosus</i>	11
Dandelion	<i>Taraxacum officinale</i>	8
Date Palm	<i>Phoenix dactylifera</i>	24
David Bisset Bamboo	<i>Phyllostachys bissetii</i>	30
Daylily	<i>Hemerocallis spp.</i>	10, 18, 22, 30, (16 - lists as Toxic)
Desert Broom	<i>Baccharis sarothroides</i>	24
Desert Fern	<i>Lysiloma microphylla</i>	24
Dogwood	<i>Cornus spp.</i>	10, 18, 22, 30, 34, 35, 36
Douglas Fir	<i>Pseudotsuga menziesii</i>	8

Dracaena	<i>Dracaena spp.</i>	10, 18
Dragon Tree	<i>Dracaena draco</i>	10, 18
Dwarf Palm	<i>Chamaedorea elgans</i>	10
Dwarf Rose	<i>Rosa gymnocarpa</i> Nutt.	10
Dwarf Umbrella	<i>Schefflera arboricola</i>	21
Eastern Cottonwood	<i>Populus deltoides</i>	29
Elaeagnus	<i>Elaeagnus spp.</i>	10, 15, 18, 30, 35, 36
Elm	<i>Ulmus spp.</i>	7, 10, 11, 15, 18, 30, 36
English Elm	<i>Ulmus procera</i>	35
Escalonia	<i>Escalonia rosea</i>	35
Eucalyptus	<i>Eucalyptus spp.</i>	10
Eugenia	<i>Syzygium paniculata</i>	10, 28
European Ash	<i>Fraxinus excelsior</i>	20
Fennel	<i>Foeniculum vulgare</i>	32
Ficus	<i>Ficus spp.</i>	7, 11, 24, 30
Fiddle Leaf Fig	<i>Ficus lyrata</i>	23
Fig	<i>Ficus spp.</i>	7, 18, 30
Firethorn	<i>Pyracantha spp.</i>	30
Flowering Dogwood	<i>Cornus florida</i>	10
Flowering Kale		15
Flowering Plum	<i>Prunus x blireana</i>	20
Forest Dombeya	<i>Dombeya goetzenii</i>	2
Forsythia	<i>Forsythia spp.</i>	6, 10, 11, 18, 30
Fountain Grass	<i>Pennisetum setaceum</i>	10, 24
Fragrant Honeysuckle	<i>Viburnum spp.</i>	6, 10
Giant Bamboo	<i>Dendrocalamus giganteus</i>	33
Giant Bird of Paradise	<i>Strelitzia nicolai</i>	17
Giant Reed	<i>Phragmites communis</i>	12, 36
Giant Reed Grass, Elephant Grass, Cane Grass	<i>Arundo donax</i>	2, 18, 26
Giant Timber Bamboo	<i>Phyllostachys bambusoides</i>	12, 33
Ginger	<i>Alpinia spp.</i>	11, 15
Globe Willow	<i>Salix matsudana</i>	12
Gloxinia	<i>Gloxinia L'Hér.</i>	10
Golden Bamboo	<i>Phyllostachys aurea</i>	22
Golden Bells		6
Golden Raintree	<i>Koelreuteria paniculata</i>	11
Gooding's Willow	<i>Salix goodingii</i>	24
Grape	<i>Vitis spp.</i>	6, 7, 9, 10, 15, 18, 33, 35
Grass Family		30
Gray Birch	<i>Betula populifolia</i> Marsh.	6
Greenbriers	<i>Smilax spp.</i>	10, 30
Guava	<i>Psidium spp.</i>	2, 28
Gumbo Limbo	<i>Bursera simaruba</i>	21
Hackberry	<i>Celtis spp.</i>	6, 10, 14, 18, 26, 30, 36
Hawthorn	<i>Crataegus spp.</i>	10, 11, 15, 16, 18, 30, 35
Hazlenut	<i>Corylus spp.</i>	10, 18, 30, 35
Hibiscus	<i>Hibiscus spp.</i>	6, 10, 15, 18, 22, 24, 28, 30
Hickory	<i>Carya</i> Nutt.	10, 36
Hills Weeping Fig	<i>Ficus microcarpa 'Hilli'</i>	31
Hollyhock	<i>Alcea rosea</i>	17

Honeylocust	<i>Gleditsia spp.</i>	7, 25, 27, 36
Honeysuckle	<i>Lonicera spp.</i>	18, 30, 35
Hong Kong Orchid Tree	<i>Bauhinia blakeana</i>	17
Hookers Willow	<i>Salix hookeriana</i>	35
Impatiens	<i>Impatiens spp.</i>	27
Indian Rosewood	<i>Dalbergia sissoo</i>	21
Indian Rubber Tree	<i>Ficus elastica</i>	1, 17, 20, 21, 28
Ironwood	<i>Eusideroxylon</i> Teijsm. & Binnend.	36
Jade Plant	<i>Crassula argentea</i>	10, 18
Japanese Honeysuckle	<i>Lonicera japonica</i>	3
Japanese Maple	<i>Acer palmatum</i>	1
Japanese Silver Grass	<i>Miscanthus oligostachys</i>	18, 30
Jerusalem Thorn	<i>Parkinsonia aculeata</i> L.	24
Kaffir Fig, Giant Leaved Fig	<i>Ficus lutea</i>	28
Kaffir Plum, Wild plum	<i>Harpephyllum caffrum</i>	17
Kahili Ginger	<i>Hedychium gardneranum</i>	2
Kawa Kawa	<i>Macropiper excelsum</i>	2
Kentucky Coffee Tree	<i>Gymnocladus dioicus</i>	6, 10
Kerria	<i>Kerria spp.</i>	10, 18, 30
Kudzu	<i>Pueraria lobata</i>	10, 15, 30, 36
Lady Palm	<i>Rhapis excelsa</i>	10
Lemon Balm	<i>Melissa officinalis</i>	32
Lemon Grass	<i>Cymbopogon citratus</i>	7, 24
Linden (Basswood)	<i>Tilia spp.</i>	10, 11, 16, 18, 30
Lombardy Poplar	<i>Populus nigra</i>	7
Loquat	<i>Eriobotrya japonica</i>	3, 17, 20
Magnolia	<i>Magnolia</i> L.	18
Mahogany	<i>Swietenia mahoganoni</i>	21
Maiden Grass	<i>Misanthus spp.</i>	8
Mangrove (imported)		6
Maple (No Red Maple)	<i>Acer spp.</i>	6, 10, 11, 14, 16, 18, 30, 35, 36
Mesquite	<i>Prosopis spp.</i>	10, 24
Mexican Fan Palm	<i>Washingtonia robusta</i>	24
Mimosa	<i>Albizia julibrissin</i>	17, 18
Mint	<i>Mentha spp.</i>	7
Mirror Bush, New Zealand Mirror Bush, Mirror Plant	<i>Coprosma repens</i>	1, 20
Miscanthus grass		30
Mock Orange	<i>Philadelphus virginialis</i>	6, 10, 18, 30
Moreton Bay Fig	<i>Ficus macrophylla</i>	20
Mulberry	<i>Morus spp.</i>	6, 10, 11, 14, 15, 16, 18, 30
Mysore Ficus	<i>Ficus mysorensis</i>	28
Nandina	<i>Nandina domestica</i>	3
Napier Grass (Cane Grass)	<i>Pennisetum purpureum</i>	21
Narrow Leaved Ash, Caucasian Ash	<i>Fraxinus angustifolia</i> spp.	20
Nasturtium	<i>Oxycarpa</i>	
Natal Plum	<i>Trapaeoleum majus</i>	7, 10, 30
New Mexican Privet	<i>Carissa macrocarpa</i>	17
Norway Maple	<i>Forestiera neo-mexicana</i>	11
Oak (No Red Oak)	<i>Acer platanoides</i>	6, 7, 30
	<i>Quercus spp.</i>	10, 11, 30, 36 (16 – lists as

Orchid Tree		Toxic)
Oregano	<i>Bauhinia spp.</i>	21
Oregon Grape Holly	<i>Origanum vulgare</i>	7
Ornamental Grasses	<i>Mahonia spp.</i>	10, 18, 30
Pacific Willow	<i>Pennisetum spp.</i>	16, 30 (16- not for primates)
Palm	<i>Salix lasiandra</i>	35
Palmetto		18, 27
Palo Verde	<i>Sabal spp.</i>	24
Pampas Grass	<i>Cercidium spp.</i>	24
Paper Mulberry	<i>Erianthus spp.</i>	8
Papyrus	<i>Broussonetia papyrifera (L.)</i>	30
Parsley	<i>Cyperus papyrus</i>	2
Passion Vine	<i>Petroselinum crispum</i>	7
Pea Vine	<i>Passiflora spp.</i>	17
Pear	<i>Pisum sativum</i>	17
Peperomia	<i>Pyrus spp.</i>	9, 10, 18, 30, 33
Persimmon	<i>Peperomia spp.</i>	10
Phoenix Palm, Canary Island Date Palm	<i>Diospyros kaki</i>	17, 27
Pickerelweed	<i>Phoenix canariensis</i>	2
Pine	<i>Pontederia cordata</i>	10, 30
Pineapple Guava	<i>Pinus spp.</i>	10, 18, 24
Pineapple Sage	<i>Feijoa sellowiana</i>	19
Pittosporum	<i>Salvia elegans</i>	34
Plane Tree, American Sycamore, Buttonwood	<i>Pittosporum spp.</i>	3
Plumbago, Cape Plumbago, Blue Plumbago	<i>Platanus occidentalis</i>	2
Ponderosa Pine	<i>Plumbago auriculata</i>	17
Poplar	<i>Pinus ponderosa</i>	8
Port Jackson Fig	<i>Populus spp.</i>	6, 7, 10, 18, 30, 35
Primrose	<i>Ficus rubiginosa</i>	31
Puka	<i>Primula L.</i>	10
Purslane	<i>Meryta sinclairii</i>	2
Pussy Willow	<i>Portulaca L.</i>	10, 30
Queen Palm	<i>Salix caprea</i>	7
Queensland Itch Tree	<i>Arecastrum romanzoffianum</i>	24
Queensland Umbrella	<i>Davidsonia pruriens</i>	31
Raspberry	<i>Schefflera actinophylla</i>	21
Red Alder	<i>Rubus spp.</i>	10, 18, 30, 35
Red Mulberry	<i>Alnus rubra</i>	35
Red Tipped Photinia	<i>Morus rubra</i>	6, 7, 36
Redbud	<i>Photinia x fraseri</i>	10, 18, 19
Reed Grass	<i>Cercis canadensis</i>	10, 18, 30
River Birch	<i>Calamagrostis spp.</i>	8
Rose	<i>Betula spp.</i>	27
Rose Apple	<i>Rosa spp.</i>	10, 18, 24, 30
Russian Olive	<i>Syzygium jambos</i>	31
Salt Brush	<i>Elaeagnus angustifolia</i>	11
Sassafras	<i>Sassafras albidum</i>	10
		30

Saw Palmetto	<i>Serenoa repens</i>	21
Scarlet Firethorn	<i>Pyracantha coccinea</i>	3
Scouler Willow	<i>Salix scoulerians</i>	35
Shell Ginger	<i>Alpinia zerumbet</i>	3
Showy Border Forsythia	<i>Forsythia x intermedia</i>	30
Silver Maple	<i>Acer saccharinum</i>	6, 7
Sitka Willow	<i>Salix stichensis</i>	35
Slide Alder, Green Alder	<i>Alnus crispa</i>	35
Small-leaf Moreton Bay Fig	<i>Ficus macrophylla</i>	1, 28
Snow Berry	<i>Symphoricarpos spp.</i>	10, 30
South African Fig, Common Wild Fig	<i>Ficus thonningii</i>	28
Spiraea	<i>Sorbaria sorbifolia</i>	35
Spiral Ginger	<i>Costus spiralis</i>	11
Strangler Fig	<i>Ficus aurea</i>	6, 21
Streamco Willow	<i>Salix purpurea 'Streamco'</i>	35
Sugar Hackberry	<i>Celtis laevigata</i>	5
Sugar Maple	<i>Acer saccharum</i>	6, 7, 13, 16
Sugarcane	<i>Saccharum officinarum</i>	2, 7, 17, 24
Sunflower	<i>Helianthus annuus</i>	17, 30
Sweet Flag	<i>Acorus calamus</i>	10
Sweet Gum	<i>Liquidambar spp.</i>	5, 6, 10, 15, 18, 30, 36
Switch Grass	<i>Panicum spp.</i>	8
Sword Fern	<i>Polystichum munitum</i>	35
Sycamore	<i>Platanus occidentalis</i>	10, 15, 18, 36
Sydney Golden Wattle, Long Leaf Acacia, Sallow Wattle	<i>Acacia longifolia</i>	17
Tamarind	<i>Tamarindus indica</i>	17
Thornless Honeylocust	<i>Gleditsia triacanthos var. inermis</i>	11
Thyme	<i>Thymus spp.</i>	7
Tipu Tree, Pride of Bolivia	<i>Tipuana tipu</i>	17, 24, 28
Torch Ginger	<i>Etlingera elatior</i>	6
Travelers Tree (palm)	<i>Ravenala madagascariensis</i>	21
Tree Lucerne	<i>Chamaecytisus palmensis</i>	2, 20
Tulip Tree	<i>Liriodendron L.</i>	6, 15, 36 (Do Not Feed at 7)
Turk's Cap	<i>Melocactus intortus</i>	15
Umbrella Grass	<i>Enteropogon acicularis</i>	15, 24
Viburnum	<i>Viburnum L.</i>	35
Violet	<i>Viola spp.</i>	10, 30
Virginia Creeper	<i>Parthenocissus quinquefolia</i>	3
Water Cress	<i>Nasturtium officinale</i>	30
Water Hyacinth	<i>Eichhornia spp.</i>	10, 30
Wax Myrtle	<i>Morella cerifera</i>	10
Waxy Bush	<i>Xylosma congestum</i>	17
Weeping Fig	<i>Ficus benjamina</i>	6, 10, 21, 31
Weeping Lilly Pilly	<i>Waterhousea floribunda</i>	31
Weeping Willow	<i>Salix x sepulcralis Simonkai</i>	6, 7, 22, 26
Whau	<i>Entelia arborescens</i>	2
White Fir	<i>Abies concolor</i>	8
White Mulberry	<i>Morus alba L.</i>	4, 6, 7, 9, 12, 28, 29
White Poplar	<i>Populus alba</i>	7
Willow	<i>Salix spp.</i>	5, 6, 10, 11, 14, 15, 16, 18, 30,

Yellow Grove Bamboo
Yucca

Phyllostachys aureosulcata
Yucca L.

35, 36
8, 25, 30
30

INSTITUTION KEY

- 1) Adelaide Zoo
- 2) Auckland Zoo
- 3) Audubon Zoo
- 4) Barcelona Zoo
- 5) Birmingham Zoo
- 6) Bronx Zoo
- 7) Brookfield Zoo
- 8) Cheyenne Mountain Zoo
- 9) Cincinnati Zoo
- 10) Columbus Zoo
- 11) Denver Zoo
- 12) El Paso Zoo

- 13) Erie Zoological Society
- 14) Great Ape Trust
- 15) Houston Zoo
- 16) Lincoln Park Zoo
- 17) Los Angeles Zoo
- 18) Louisville Zoo
- 19) Lowry Park Zoo
- 20) Melbourne Zoo
- 21) Miami Metrozoo
- 22) Oklahoma City Zoo
- 23) Philadelphia Zoo
- 24) Phoenix Zoo

- 25) Pittsburgh Zoo
- 26) Rolling Hills Wildlife
Refuge
- 27) St. Louis Zoo
- 28) San Diego Zoo
- 29) Sedgwick County Zoo
- 30) Smithsonian National Zoo
- 31) Taronga Zoo
- 32) Toledo Zoo
- 33) Topeka Zoo
- 34) Toronto Zoo
- 35) Woodland Park Zoo
- 36) Zoo Atlanta