

# Alkemist Labs

## Ingredients We Test

Latin Binomial	Common Name	Plant Part
<i>Abies sibirica</i>	Siberian Fir	leaf (oil)
<i>Acacia Berlandieri</i>	Acacia Berlandieri	aerial part
<i>Acacia catechu</i>	Acacia	bark
<i>Acacia catechu</i>	Acacia	gum/resin
<i>Acacia nilotica / Acacia arabica</i>	Indian gum arabic tree	bark
<i>Acacia Rigidula</i>	Acacia Rigidula	herb (leaf, flower)
<i>Acacia sp.</i>	Acacia	gum
<i>Acacia sp.</i>	Acacia	stem
<i>Achillea millefolium</i>	Yarrow	aerial part
<i>Achillea sp.</i>	<i>Achillea sp.</i>	aerial part
<i>Achyranthes aspera</i>	Prickly chaff flower	aerial part
<i>Achyranthes bidentata</i>	<i>Achyranthes</i>	root
<i>Aconite carmichaeli</i>	Chinese Aconite	root
<i>Acorus calamus</i>	Calamus	root
<i>Acorus gramineus</i>	Grass-leaf sweetflag	rhizome
<i>Actaea cimicifuga</i>	Chinese cimicifuga	root
<i>Actaea dahurica</i>	Chinese cimicifuga	rhizome
<i>Actaea heracleifolia / Sheng Ma</i>	Chinese cimicifuga	rhizome
<i>Actaea podocarpa</i>	Yellow Cohosh	root
<i>Actaea racemosa</i>	Black Cohosh	root
<i>Actaea sp.</i>	<i>Actaea sp.</i>	rhizome
<i>Actinidia deliciosa</i>	Kiwifruit	fruit
<i>Aegle marmelos</i>	Bael tree	fruit
<i>Aesculus chinensis</i>	<i>Aesculus chinensis [Sapindaceae]</i>	fruit
<i>Aesculus hippocastanum</i>	Horse chestnut	seed
<i>Aframomum melegueta</i>	Grains of paradise	grain
<i>Agaricus bisporus</i>	Button Mushroom	entire
<i>Agaricus bisporus</i>	Button Mushroom	fruiting body
<i>Agaricus subrufescens</i>	Blazei	entire
<i>Agaricus subrufescens</i>	Blazei	fruiting body
<i>Agaricus subrufescens</i>	Blazei	mycelia
<i>Agastache rugosa</i>	Huo Xiang	aerial part
<i>Agathosma betulina / Barosma betulina</i>	Buchu	leaf
<i>Agathosma crenulata</i>	Ovate Buchu	leaf
<i>Agathosma sp.</i>	<i>Agathosma sp.</i>	leaf
<i>Agathosma spp.</i>	<i>Agathosma spp.</i>	leaf
<i>Agave americana</i>	American aloe	aerial part
<i>Agave sp.</i>	<i>Agave sp.</i>	syrup
<i>Agrimonia eupatoria</i>	Agrimony	herb
<i>Agrimonia pilosa</i>	Agrimony	aerial part
<i>Agrimonia sp.</i>	<i>Agrimonia sp.</i>	aerial part
<i>Ajuga turkestanica</i>	<i>Ajuga turkestanica</i>	aerial part
<i>Alaria esculenta</i>	Atlantic wakame	entire
<i>Albizia julibrissin</i>	Silk Tree	bark
<i>Albizia lebbek</i>	Lebbek tree	bark
<i>Alchemilla vulgaris</i>	Lady's Mantle	aerial part
<i>Algas Calcareas</i>	Algas Calcareas	entire
<i>Alisma plantago-aquatica orientale</i>	Asian Water Plantain	rhizome
<i>Alismatis orientalis</i>	Oriental Water Plantain	rhizome
<i>Allium ampeloprasum</i>	Leek	leaf

Allium cepa	Onion	bulb
Allium sativum	Garlic	bulb
Allium schoenoprasum	Chive	aerial part
Allium tuberosum	Chinese chive	seed
Aloe arborescens	Aloe Vera	leaf
Aloe ferox	Cape Aloe	leaf
Aloe vera/ Aloe barbadensis	Aloe Vera	leaf
Aloysia citrodora	Lemon Verbena	herb
Alpinia galanga	Greater galangal	root
Alpinia Officinarum	Galangal	root & rhizome
Alpinia oxyphylla	Sharp-leaf galangal	fruit
Althaea officinalis	Marshmallow	root
Amaranthus caudatus	Inca Wheat	seed
Amaranthus dubius	Red spinach, Chinese spinach, spleen amaranth	leaf
Amaranthus hypochondriacus	Amaranthus	seed
Amaranthus sp.	Amaranthus sp.	seed
Amaranthus tricolor	edible amaranth	leaf
Amaranthus tricolor	edible amaranth	sprout
Ammi visnaga	Khella	aerial part
Amomum kravanh	Chinese cardamom	fruit
Amomum villosum	Chinese amomum	fruit
Amorphophallus konjac	Konjac	root
Ananas comosus	Pineapple	fruit
Andrographis paniculata	Andrographis	aerial part
Anemarrhena asphodeloides	Anemarrhena	rhizome
Anemone altaica	Anemone altaica Fisch. Ex C.A. Mey.	rhizome
Anemopsis californica	Yerba mansa	root
Anethum graveolens	Dill	aerial part
Anethum graveolens	Dill	seed
Angelica archangelica	Angelica	root
Angelica dahurica	Fragrant angelica	root
Angelica keiskei	Angelica keiskei	leaf
Angelica pubescens	Angelica pubescens	root
Angelica sinensis	Dong Quai	root
Angelica sp.	Angelica sp.	root
Annona muricata	Graviola	leaf
Antrodia camphorata	Antrodia camphorata	fungi
Antrodia camphorata	Antrodia camphorata	mycelia
Aphanizomenon flosaquae	Blue Green Algae	algae
Apium graveolens	Celery wild	leaf
Apium graveolens	Celery wild	seed
Apocynum venetum	Apocynum venetum	leaf
Apple Pectin	Apple Pectin	fruit
Arachis hypogaea L.	Peanut	nut
Aralia californica	California spikenard	root
Aralia elata	Aralia	root
Aralia racemosa	Spikenard	root
Aralia sp.	Aralia sp.	root
Arctium lappa	Burdock great	root
Arctium lappa	Burdock great	fruit
Arctium minus	Lesser burdock	root
Arctostaphylos pungens	Mexican manzanita	leaf
Arctostaphylos sp.	Arctostaphylos sp.	leaf
Arctostaphylos uva-ursi	Uva-ursi Bearberry	leaf
Argyrea nervosa	Elephant vine	root
Aristotelia chilensis	Macqui	fruit
Armoracia rusticana	Horseradish	root

<i>Arnebia euchroma</i>	Arnebia, Zi Cao	rhizome
<i>Arnica montana</i>	Arnica	herb
<i>Aronia melanocarpa</i>	Black Chokeberry, Aronia Berry	fruit
<i>Aronia</i> sp.	<i>Aronia</i> sp.	fruit
<i>Artemisia absinthium</i>	Wormwood	aerial part
<i>Artemisia annua</i>	Sweet wormwood/ Qing hao	aerial part
<i>Artemisia anomala</i>	<i>Artemisia anomala</i> / liu ji nu	herb
<i>Artemisia argyi</i>	Chinese mugwort/ ai ye	aerial part
<i>Artemisia capillaris</i>	<i>Artemisia capillaris</i> / Yin chen	leaf
<i>Artemisia dracunculus</i>	Tarragon	leaf
<i>Artemisia</i> sp.	<i>Artemisia</i> sp.	leaf
<i>Artemisia vulgaris</i>	Mugwort	aerial part
<i>Arthrospira</i> sp.	Spirulina	entire
<i>Asclepias tuberosa</i>	Pleurisy root, butterfly weed	root
<i>Ascophyllum nodosum</i>	Kelp powder	algae
<i>Ascophyllum</i> sp.	<i>Ascophyllum</i> sp.	entire
<i>Aspalathus linearis</i>	Rooibos	herb
<i>Asparagus cochinchinensis</i>	Asparagus Chinese	root
<i>Asparagus officinalis</i>	Asparagus	stem
<i>Asparagus racemosus</i>	Asparagus	root
<i>Aspidosperma quebracho</i>	Quebracho Blanco	bark
<i>Aster tataricus</i>	Tartarian aster	root
<i>Astragalus gummifer</i>	Tragacanth milkvetch	gum
<i>Astragalus membranaceus</i>	Astragalus	root
<i>Astragalus</i> sp.	<i>Astragalus</i> sp.	root
<i>Atractylodes lancea</i>	<i>Atractylodes</i> Cang-zhu	root
<i>Atractylodes macrocephala</i>	<i>Atractylodes</i> Bai- Zhu	root
<i>Atropa belladonna</i>	Belladonna	root
<i>Atropa belladonna</i>	Belladonna	herb
<i>Auricularia auricula</i>	Wood Ear Fungus	fruiting body
<i>Avena sativa</i>	Oat	aerial part
<i>Avena sativa</i>	Oat	grain
<i>Avena</i> sp.	<i>Avena</i> sp.	aerial part
<i>Avena</i> sp.	<i>Avena</i> sp.	grain
<i>Averrhoa carambola</i>	Carambola/ Star Fruit	fruit
<i>Azadirachta indica</i>	Neem	leaf
<i>Azadirachta indica</i>	Neem	seed
<i>Backhousia citriodora</i>	<i>Backhousia citriodora</i>	leaf
<i>Backhousia citriodora</i>	<i>Backhousia citriodora</i>	oil
<i>Bacopa monnieri</i>	Bacopa	herb (leaf, stem)
<i>Bambusa</i> sp.	<i>Bambusa</i> sp.	stem
<i>Baptisia tinctoria</i>	Wild Indigo Root	root
<i>Barbarea verna</i>	<i>Barbarea verna</i>	sprout
<i>Basella alba</i>	Ceylon Spinach	leaf
<i>Benincasa hispida</i>	Winter Melon	seed
<i>Berberis aristata</i>	Indian Barberry	root
<i>Berberis</i> sp.	<i>Berberis</i> sp.	root
<i>Berberis vulgaris</i>	Barberry European	root
<i>Beta vulgaris</i>	Red Beet	root
<i>Betula lenta</i>	Birch	bark
<i>Betula pendula</i>	Birch	leaf
<i>Betula</i> sp.	<i>Betula</i> sp.	leaf
<i>Bidens pilosa</i>	Spanish needles	aerial part
<i>Bixa orellana</i>	Annatto	leaf
<i>Bixa orellana</i>	Annatto	seed
<i>Bletilla striata</i>	Urn Orchid	root
<i>Boerhavia diffusa</i>	<i>Boerhavia</i> , Spreading Hogweed	herb

Boerhavia diffusa	Boerhavia, Spreading Hogweed	root
Borago officinalis	Borage	seed
Borago officinalis	Borage	oil
Boswellia sacra / Boswellia carteri	Frankincense, Boswellia	resin
Boswellia serrata	Indian Frankincense	resin
Boswellia sp.	Boswellia sp.	resin
Brassica juncea	Mustard	seed
Brassica napus	Canola	oil
Brassica nigra	Black Mustard	seed
Brassica oleracea	Flash Collards	leaf
Brassica oleracea	Kale	leaf
Brassica oleracea	Kale	seed
Brassica oleracea capitata	Cabbage	flowering head
Brassica oleracea capitata	Cabbage	seed
Brassica oleracea L. var. gemmifera	Brussel Sprouts	flowering head
Brassica oleracea L. var. gemmifera	Brussel Sprouts	seed
Brassica oleracea L. var. italica	Broccoli	aerial part
Brassica oleracea L. var. italica	Broccoli	seed
Brassica oleracea var. botrytis	Cauliflower	flowering head
Brassica oleracea var. botrytis	Cauliflower	seed
Brassica rapa	Turnip	root
Brassica sp.	Brassica sp.	leaf
Brassica sp.	Brassica sp.	seed
Brosimum alicatrum	Ramon Nut	seed
Bulbine latifolia	rootwortel, broad-leaved bulbine, geerokpreva, micerwane, 根藤草	stem
Bupleurum chinense	Bupleurum, Chinese thoroughwax	root
Bupleurum sp.	Bupleurum	root
Caesalpinia sappan	Sappanwood	wood
Calendula officinalis	Calendula	flower
Calophyllum inophyllum	Tamanu	oil
Camelina sativa	Camelina	seed oil
Camellia sinensis	Green Tea	leaf
Cananga odorata	ylang ylang	flower oil
Canarium album	Chinese White Olive	leaf
Canarium luzonicum	Elemi	resin
Cannabis sativa	Cannabis	seed
Cannabis sativa	Cannabis	seed oil
Cannabis sp.	Cannabis	seed
Cannabis sp.	Cannabis	seed oil
Capsella Bursa-pastoris	Shepherd's Purse	herb
Capsicum annum	Chilli pepper	fruit
Capsicum annum	Green Bell Pepper	fruit
Capsicum annum	Paprika	fruit
Capsicum annum	Red Bell Pepper	fruit
Capsicum annum	Jalapeno	pod
Capsicum annum L. var. annum	Habanero pepper, bonnet pepper	fruit
Capsicum annum var annum	Cayenne	fruit
Capsicum sp.	Capsicum sp.	fruit
Caralluma fimbriata	Caralluma fimbriata	aerial part
Carica papaya	Papaya	fruit
Carica papaya	Papaya	leaf
Carthamus tinctorius	Safflower	seed oil
Carthamus tinctorius	Safflower	flower
Carum carvi	Caraway	seed
Carum carvi	Caraway	seed oil
Carya illinoensis	Pecan	shell
Cassia fistula	Cassia fistula L. [Fabaceae]	bark

Cassia tora	Cassia tora	seed
Castanea sativa	Spanish chestnut	leaf
Castanea sp.	Chestnut	leaf
Caulophyllum thalictroides	Blue Cohosh	root
Ceanothus americanus	Red Root, New Jersey Tea	root
Ceanothus sp.	Ceanothus sp.	root
Cedrus atlantica	Atlas cedarwood	wood oil
Celastrus dependens	Celastrus	seed
Centaurea cyanus	Corn flw, Cyani flowers	seed
Centaurium erythraea	European Centaury	flower
Centella asiatica	Gotu Kola	leaf
Centella sp.	Centella sp.	leaf
Centratherum anthelminticum	Centratherum anthelminticum	seed
Ceratonia siliqua	Carob	pod
Cetraria islandica	Iceland Moss	thallus
Chaenomeles speciosa	Flowering quince	fruit
Chamaelirium luteum	False Unicorn	root
Chamaemelum nobile	Roman chamomile	flower
Chamaesyce hirta / euphorbia pilulifera / Euphorbia	Euphorbia	herb
Chelidonium majus	Celandine	herb
Chenopodium album	Lamb's quarter	leaf
Chenopodium ambrosioides	Epazote	leaf
Chenopodium quinoa	Quinoa	grain
Chenopodium sp.	Chenopodium sp.	grain
Chimaphila sp.	Chimaphila sp.	aerial part
Chimaphila umbellata	Pipsissewa	leaf
Chionanthus virginicus	Fringe tree bark	bark
Chlorella sp.	Chlorella sp.	algae
Chlorophytum borivillianum	Safed Musli	root
Chondrus crispus	Irish moss	algae
Cicer arietinum	Garbanzo	bean
Cichorium intybus	Chicory	root
Cinchona sp.	Cinchona sp.	bark
Cinchona succiruba	Quinine, Red cinchona	bark
Cinnamomum aromaticum / Cinnamomum cassia	Cassia, Chinese Cinnamon	bark
Cinnamomum burmannii	Cinnamon malaysian, Padang cassia	bark
Cinnamomum sp.	Cinnamomum sp.	bark
Cinnamomum tamala	Cinnamomum tamala	bark
Cinnamomum verum	Ceylon cinnamon	bark
Cirsium arvense	Cirsium arvense (L.)	aerial part
Cirsium japonicum	Japanese thistle	root
Cissus quadrangularis	Winged treebine	herb (leaf, stem)
Cistanche deserticola	Desert Broomrape	root & stem
Cistanche salsa	Broomrape	stem
Cistanche sp.	Cistanche sp.	entire
Citrullus lanatus	Watermelon	fruit
Citrullus lanatus	Watermelon	seed
Citrus aurantifolia	Lime	fruit
Citrus aurantifolia	Lime	oil
Citrus bergamia	Bergamot	oil
Citrus limon	Lemon	fruit
Citrus limon	Lemon	peel
Citrus limon	Lemon	oil
Citrus maxima	Pomelo	fruit
Citrus maxima	Pomelo	peel
Citrus medica	Citron	fruit
Citrus medica	Citron	peel

Citrus paradisi	Grapefruit	fruit
Citrus paradisi	Grapefruit	peel
Citrus paradisi	Grapefruit	seed
Citrus paradisi	Grapefruit	oil
Citrus Pectin	Citrus Pectin	N/A
Citrus reticulata	Tangerine	entire
Citrus reticulata	Tangerine	peel
Citrus reticulata	Tangerine	oil
Citrus sinensis	Orange	fruit
Citrus sinensis	Orange	peel
Citrus sinensis	Orange	oil
Citrus sp.	Citrus sp.	fruit
Citrus sp.	Citrus sp.	peel
Citrus sp.	Citrus sp.	seed
Citrus sp.	Citrus sp.	oil
Citrus x aurantium	Bitter Orange	fruit
Citrus x aurantium	Bitter Orange	peel
Citrus x aurantium	Bitter Orange	oil
Clematis chinensis	Chinese clematis	root
Cnicus benedictus	Blessed Thistle	aerial part
Cnicus sp.	Cnicus sp.	entire
Cnidium monnieri	Cnidium	fruit
Coccoloba grandis	Ivy gourd	fruit
Cocos nucifera	Coconut	fruit
Cocos nucifera	Coconut	oil
Codonopsis pilosula	Dang Shen	root
Coffea arabica	Arabian Coffee	bean
Coffea canephora	Coffee	bean
Coffea sp.	Coffea sp.	bean
Coix lacryma-jobi	Job's Tears	seed
Cola acuminata	Cola	seed
Cola nitida	Cola	nut
Cola sp.	Cola sp.	nut
Collinsonia canadensis	Stoneroot	root
Commiphora molmol	Myrrh, molmol	resin
Commiphora mukul	Guggul	resin
Commiphora myrrha	Myrrh common	resin
Commiphora sp.	Commiphora sp.	resin
Conium maculatum	Conium maculatum L. [Apiaceae]	entire
Convallaria majalis	Lily of the Valley	root
Convolvulus pluricaulis	Dwarf Morning Glory	entire
Copaifera officinalis	copaiba	resin
Coptis chinensis / Huang Lian	Coptis	root
Cordia salicifolia	Cha de bugre	herb (leaf, stem)
Cordyceps hawkesii	Cordyceps	mycelia
Cordyceps militaris	Caterpillar fungus	fruiting body
Cordyceps militaris	Caterpillar fungus	mycelia
Cordyceps sp.	Cordyceps sp.	fruiting body
Cordyceps sp.	Cordyceps sp.	mycelia
Coriandrum sativum	Cilantro	herb
Coriandrum sativum	Cilantro	seed
Cornus officinalis	Asiatic dogwood	fruit
Corydalis sp.	Corydalis sp.	root
Corydalis yanhusuo	Corydalis yanhusuo, Chinese Fumewort	rhizome
Crataegus laevigata / Crataegus oxyacantha	Hawthorn	fruit
Crataegus laevigata / Crataegus oxyacantha	Hawthorn	herb (leaf, flower)
Crataegus monogyna	Hawthorn	fruit

<i>Crataegus monogyna</i>	Hawthorn	herb (leaf, flower)
<i>Crataegus pinnatifida</i>	Chinese Hawthorn	fruit
<i>Crataegus pinnatifida</i>	Chinese Hawthorn	herb (leaf, flower)
<i>Crataegus</i> sp.	Hawthorn	fruit
<i>Crataegus</i> sp.	Hawthorn	herb (leaf, flower)
<i>Crataegus</i> spp.	<i>Crataegus</i> spp.	fruit
<i>Crataegus</i> spp.	<i>Crataegus</i> spp.	herb (leaf, flower)
<i>Crateva nurvala</i>	Varuna	bark
<i>Crinum latifolium</i>	<i>Crinum latifolium</i>	herb
<i>Crocus sativus</i>	Saffron	stigma
<i>Croton lechleri</i>	Dragon's blood	resin
<i>Cucumis melo</i>	Melon	fruit
<i>Cucumis sativus</i>	Cucumber	fruit
<i>Cucurbita</i> sp.	<i>Cucurbita</i> sp.	fruit
<i>Cucurbita</i> sp.	<i>Cucurbita</i> sp.	seed
<i>Cucurbita</i> sp.	<i>Cucurbita</i> sp.	oil
<i>Cullen corylifolia</i>	Bu Gu Zhi	fruit
<i>Cuminum cyminum</i>	Cumin	seed
<i>Cuminum cyminum</i>	Cumin	oil
<i>Curculigo orchioides</i>	Golden eye grass	rhizome
<i>Curcuma longa</i>	Turmeric	root
<i>Curcuma longa</i>	Turmeric	oil
<i>Curcuma</i> sp.	<i>Curcuma</i> sp.	root
<i>Curcuma xanthorrhiza</i>	<i>Curcuma xanthorrhyzad</i>	root
<i>Curcuma zedoaria</i>	Zedoary	root
<i>Cuscuta chinensis</i>	Dodder	seed
<i>Cyamopsis tetragonoloba</i>	Guar	gum
<i>Cyathula officinalis</i>	<i>Cyathula</i>	root
<i>Cymbopogon citratus</i>	Lemon Grass	leaf
<i>Cymbopogon</i> sp.	<i>Cymbopogon</i> sp.	leaf
<i>Cynara cardunculus</i>	Artichoke	leaf
<i>Cynara scolymus</i>	Artichoke	leaf
<i>Cynodon dactylon</i>	Bermuda grass	grass
<i>Cynomorium songaricum</i>	<i>Cynomorium</i>	herb
<i>Cyperus rotundus</i>	Nutgrass, <i>Cyperus</i>	rhizome
<i>Daucus carota</i>	Carrot	root
<i>Daucus carota</i>	Purple carrot	root
<i>Daucus</i> sp.	Carrot	root
<i>Dendranthema morifolium</i>	Chrysanthemum	leaf
<i>Dendranthema x grandiflorum</i>	Chrysanthemum	flower
<i>Dendrobium nobile</i>	chinese orchid	stem
<i>Desmodium adscendens</i>	Tick Trefoil	herb
<i>Desmodium</i> sp.	<i>Desmodium</i>	leaf
<i>Dimocarpus longan</i>	Longan	fruit
<i>Dionaea muscipula</i>	Venus' fly trap	leaf
<i>Dioscorea bulbifera</i>	Air potato	root
<i>Dioscorea composita</i>	Barbasco	root
<i>Dioscorea oppositifolia</i>	Chinese Yam	root
<i>Dioscorea</i> sp.	<i>Dioscorea</i> sp.	root
<i>Dioscorea villosa</i>	Wild Yam	root
<i>Diospyros kaki</i>	Persimmon Calyx (Sepal)	leaf
<i>Dipsacus asper</i>	Sichuan teasel, Xu Duan	root
<i>Dipsacus fullonum</i>	Teasel	root
<i>Drynaria fortunei</i>	<i>Drynaria</i>	root
<i>Dryopteris filix-mas</i>	Male Fern	root
<i>Dryopteris</i> sp.	<i>Dryopteris</i> sp.	root
<i>Durio zibethinus</i>	Durian	fruit

<i>Echinacea angustifolia</i>	Narrow-Leaf Purple Coneflower	leaf
<i>Echinacea angustifolia</i>	Narrow-Leaf Purple Coneflower	root
<i>Echinacea pallida</i>	<i>Echinacea pallida</i>	leaf
<i>Echinacea pallida</i>	<i>Echinacea pallida</i>	root
<i>Echinacea purpurea</i>	<i>Echinacea purpurea</i>	leaf
<i>Echinacea purpurea</i>	<i>Echinacea purpurea</i>	root
<i>Echinacea</i> sp.	<i>Echinacea</i> sp.	leaf
<i>Echinacea</i> sp.	<i>Echinacea</i> sp.	root
<i>Ecklonia cava</i>	<i>Ecklonia cava</i>	thallus
<i>Eclipta prostrata</i> / <i>Eclipta alba</i>	<i>Eclipta</i>	aerial part
<i>Elaeis guineensis</i>	Palm Oil	fruit oil
<i>Elettaria cardamomum</i>	Cardamom	fruit
<i>Elettaria cardamomum</i>	Cardamom	oil
<i>Eleutherococcus senticosus</i>	Siberian ginseng	root
<i>Eleutherococcus</i> sp.	<i>Eleutherococcus</i> sp.	root
<i>Elymus repens</i> L Syn. <i>Agropyron repens</i>	Couch grass / Dog grass	root
<i>Ephedra nevadensis</i>	Mormon Tea	herb
<i>Ephedra sinica</i>	<i>Ephedra</i>	herb
<i>Ephedra viridis</i>	Mormon tea	herb
<i>Epilobium angustifolium</i>	Small Flower willow Herb	herb
<i>Epimedium</i> sp.	<i>Epimedium</i> sp.	aerial part
<i>Epimedium</i> spp.	<i>Epimedium</i> spp	aerial part
<i>Equisetum arvense</i>	Horsetail/Shave Grass	aerial part
<i>Equisetum</i> sp.	<i>Equisetum</i> sp.	aerial part
<i>Eriobotrya japonica</i>	Loquat	leaf
<i>Eriodictyon californicum</i>	Yerba Santa	leaf
<i>Eriodictyon</i> sp.	<i>Eriodictyon</i> sp.	leaf
<i>Erodium stephanianum</i>	<i>Erodium stephanianum</i>	aerial part
<i>Eruca vesicaria</i> var. <i>sativa</i>	Arugula	aerial part
<i>Eruca vesicaria</i> var. <i>sativa</i>	Arugula	seed
<i>Eschscholzia californica</i>	California Poppy	aerial part
<i>Eucalyptus citriodora</i>	<i>Eucalyptus citriodora</i>	leaf oil
<i>Eucalyptus globulus</i>	<i>Eucalyptus</i>	leaf
<i>Eucalyptus globulus</i>	<i>Eucalyptus</i>	oil
<i>Eucalyptus</i> sp.	<i>Eucalyptus</i> sp.	leaf
<i>Eucalyptus</i> sp.	<i>Eucalyptus</i> sp.	oil
<i>Eucommia ulmoides</i>	<i>Eucommia</i>	bark
<i>Euonymus atropurpurea</i>	Wahoo	root & bark
<i>Eupatorium perfoliatum</i>	Boneset	herb
<i>Eupatorium purpureum</i>	Queen of the Meadow, Joe pye	herb
<i>Eupatorium purpureum</i>	Queen of the Meadow, Joe pye	root
<i>Euphrasia</i> sp.	<i>Euphrasia</i> sp.	aerial part
<i>Eurycoma longifolia</i>	Long Jack	root
<i>Euterpe oleracea</i>	Acai	fruit
<i>Euterpe</i> sp.	<i>Euterpe</i> sp.	fruit
<i>Fadogia agrestis</i>	<i>Fadogia agrestis</i>	bark
<i>Fagopyrum esculentum</i>	Buckwheat	seed
<i>Fagopyrum esculentum</i>	Buckwheat	herb
<i>Ferula assa-foetida</i>	Asafetida	gum
<i>Ferula</i> sp.	<i>Ferula</i> sp.	resin
<i>Ficus carica</i>	Fig Edible	fruit
<i>Filipendula</i> sp.	<i>Filipendula</i> sp.	aerial part
<i>Filipendula ulmaria</i>	Meadowsweet, Queen of the Meadow	aerial part
<i>Flammulina velutipes</i>	Enoki	mycelia
<i>Foeniculum vulgare</i>	Fennel	fruit
<i>Foeniculum vulgare</i>	Fennel	seed
<i>Fomes fomentarios</i>	Ice Man Fungus	mycelia



<i>Fomitopsis officinalis</i>	Agarikon	mycelia
<i>Forsythia suspensa</i>	Forsythia	fruit
<i>Fragaria</i> sp.	<i>Fragaria</i> sp.	fruit
<i>Fraxinus americana</i>	White Ash	bark
<i>Fraxinus excelsior</i>	European ash	fruit
<i>Fritillaria</i> sp.	<i>Fritillaria</i> sp.	bulb
<i>Fritillaria thunbergii</i>	Zhejiang fritillary, zhe bei mu	bulb
<i>Fucus vesiculosus</i>	Bladderwrack	algae
<i>Galega officinalis</i>	Goats Rue	herb
<i>Galium aparine</i>	Cleavers	herb
<i>Ganoderma applanatum</i>	Artist's conk	mycelia
<i>Ganoderma lucidum</i>	Reishi	fruiting body/mycelia
<i>Ganoderma lucidum</i>	Reishi	fruiting body
<i>Ganoderma lucidum</i>	Reishi	mycelia
<i>Ganoderma oregonense</i>	Oregon ganoderma	mycelia
<i>Ganoderma</i> sp.	Reishi	fruiting body
<i>Ganoderma</i> sp.	Reishi	mycelia
<i>Garcinia cambogia</i>	Garcinia	fruit
<i>Garcinia cambogia</i>	Garcinia	rind
<i>Garcinia indica</i>	Red Mango	fruit
<i>Garcinia kola</i>	<i>Garcinia kola</i>	nut
<i>Garcinia mangostana</i>	Mangosteen	fruit
<i>Gardenia jasminoides</i>	Gardenia / Cape Jasmine	fruit
<i>Gastrodia elata</i>	Gastrodia	rhizome
<i>Gaultheria procumbens</i>	Wintergreen	leaf
<i>Geissospermum laeve</i>	Pao pereira	bark
<i>Geissospermum</i> sp.	<i>Geissospermum</i> sp.	bark
<i>Geissospermum vellosii</i>	Pao pereira	bark
<i>Gelsemium sempervirens</i>	Gelsemium	root
<i>Gentiana lutea</i>	Gentian Root	root
<i>Gentiana macrophylla</i>	Gentian	root
<i>Gentiana scabra</i>	Scabrous gentian	root
<i>Gentiana</i> sp.	<i>Gentiana</i> sp.	root
<i>Geranium maculatum</i>	Cranesbill Root	root
<i>Geranium wilfordii</i>	<i>Geranium wilfordii</i> Maxim.	herb
<i>Ginkgo biloba</i>	Ginkgo	leaf
<i>Glechoma hereracea</i>	Ground Ivy	aerial part
<i>Gleditsia sinensis</i>	Gleditsia	aerial part
<i>Glehnia littoralis</i>	Glehnia	root
<i>Glycine max</i>	Soy	seed
<i>Glycyrrhiza glabra</i>	Licorice	root
<i>Glycyrrhiza</i> sp.	<i>Glycyrrhiza</i> sp.	root
<i>Glycyrrhiza uralensis</i>	Chinese Licorice, Gan Cao	root
<i>Gnaphalium/Pseudognaphalium obtusifolium</i>	Rabbit tobacco	herb
<i>Gnaphalium</i> sp.	Gordo Lobo	herb
<i>Gnaphalium uliginosum</i>	Marsh Cudweed	herb
<i>Griffonia simplicifolia</i>	<i>Griffonia simplicifolia</i>	seed
<i>Grifola frondosa</i>	Maitake	fruiting body
<i>Grifola frondosa</i>	Maitake	mycelia
<i>Grifola umbellata</i>	<i>Grifola umbellata</i>	fruiting body
<i>Grifola umbellata</i>	<i>Grifola umbellata</i>	mycelia
<i>Grindelia camporum / Grindelia robusta</i>	<i>Grindelia</i>	herb
<i>Grindelia hirsutula</i>	<i>Grindelia hirsutula</i>	herb
<i>Grindelia</i> sp.	<i>Grindelia</i> sp.	aerial part
<i>Guaiacum officianale</i>	Guaiacum	wood
<i>Gymnema sylvestre</i>	Gymnema	leaf
<i>Gynostemma pentaphyllum</i>	Gynostemma, Jiao gu lan	entire

Gynostemma sp.	Gynostemma sp.	leaf
Haematococcus pluvialis	Haematococcus	algae
Hamamelis virginiana	Witch Hazel	bark
Handroanthus impetiginosus	Pau D'Arco	bark
Harpagophytum procumbens	Devil's Claw	root
Harpagophytum sp.	Harpagophytum sp.	root
Hedera helix	English ivy	leaf
Helianthus annuus	Sunflower sd	seed
Helianthus annuus	Sunflower sd	Oil
Helianthus sp.	Helianthus sp.	seed
Helianthus sp.	Helianthus sp.	Flower
Helianthus sp.	Helianthus sp.	Oil
Helianthus tuberosus	Jerusalem artichoke	tuber
Helichrysum italicum	Helichrysum	flower oil
Helichrysum sp.	Helichrysum sp.	flower
Helichrysum sp.	Helichrysum sp.	oil
Helichrysum stoechas	Life Everasting Flowers	flower
Hemidesmus indicus	Sarsaparilla	root
Hericium erinaceus	Lion's Mane	fruiting body
Hericium erinaceus	Lion's Mane	mycelia
Herniaria glabra	Rupturewort	aerial part
Heterotheca inuloides	False Arnica	flower
Hibiscus esculentus	Okra	fruit
Hibiscus rosa-sinensis	Hibiscus	flower
Hibiscus sabdariffa	Hibiscus	flower
Hibiscus sp.	Hibiscus sp.	fruit
Hibiscus sp.	Hibiscus sp.	flower
Hippophae rhamnoides	Sea-buckthorn	fruit
Hoodia gordonii	Hoodia	aerial part
Hoodia parviflora	Hoodia	aerial part
Hordeum vulgare	Barley	leaf
Hordeum vulgare	Barley	seed
Houttuynia cordata	Chameleon plant	aerial part
Hovenia dulcis	Japanese raisintree	fruit
Hovenia sp.	Hovenia sp.	fruit
Humulus lupulus	Hops	strobile
Huperzia serrata	Toothed Club Moss	herb
Hydrangea arborescens	Hydrangea root	root
Hydrangea sp.	Hydrangea sp.	root
Hydrangea strigosa	Hydrangea	root
Hydrastis canadensis	Goldenseal	root
Hygrophila auriculata	Hygrophila auriculata (Schumach.) Heine [Acanthaceae]	seed
Hylocereus undatus	Pitaya blanca, Dragonfruit (white)	fruit
Hypericum perforatum	St John's Wort	aerial part
Hyssopus officinalis	Hyssop	herb
Hyssopus officinalis subsp. Officinalis	Hyssopus	oil
Hyssopus sp.	Hyssop	entire
Ilex paraguariensis	Yerba Mate	leaf
Ilex sp.	Ilex sp.	leaf
Illicium verum	Star anise	seed
Impatiens balsamina	Garden balsam	aerial part
Impatiens sp.	Impatiens Sp.	aerial part
Indigofera tinctoria	Indigo	leaf
Inonotus obliquus	Chaga	mycelia
Inonotus obliquus	Chaga	sclerotium
Inula britannica	British elecampane	flower
Inula helenium	Elecampane Root	root

<i>Ipomoea batatas</i>	Sweet Potato	root
<i>Iris x germanica</i> (Yellow)	Orris	root
<i>Iris x germanica</i> (Purple)	German Iris	aerial part
<i>Iris versicolor</i>	Blue Flag	root
<i>Irvingia gabonensis</i>	Irvingia	seed
<i>Isatis indigotica</i>	Isatis	root
<i>Isatis tinctoria</i>	Dyer's wood, isatis	root
<i>Jasminum</i> sp.	Jasmine flower	flower
<i>Juglans cinerea</i>	Butternut Tree Bark	bark
<i>Juglans nigra</i>	Black Walnut	hull
<i>Juglans regia</i>	English Walnut	hull
<i>Juglans</i> sp.	<i>Juglans</i> sp.	hull
<i>Juncus effusus</i>	<i>Juncus effusus</i> L. [Juncaceae]	pith
<i>Juniperus communis</i>	Juniper	fruit
<i>Juniperus</i> sp.	<i>Juniperus</i> sp.	fruit
<i>Justicia adhatoda</i>	Malabar nut tree	leaf
<i>Kaempferia parviflora</i>	<i>Kaempferia parviflora</i>	root
<i>Lablab purpureus</i>	Hyacinth bean	bean
<i>Lactuca</i> sp.	<i>Lactuca</i> sp.	aerial part
<i>Lactuca virosa</i>	Wild Lettuce, lactucarium	aerial part
<i>Lagerstroemia speciosa</i>	Banaba	leaf
<i>Laminaria</i> sp.	<i>Laminaria</i> sp.	algae
<i>Larix occidentalis</i>	Larch western	wood
<i>Larix</i> sp.	<i>Larix</i> sp.	wood
<i>Larrea</i> sp.	<i>Larrea</i> sp.	leaf
<i>Larrea tridentata</i> / <i>Larrea divaricata</i>	Chaparral	leaf
<i>Laurus nobilis</i>	Bay Leaves	leaf
<i>Laurus nobilis</i>	Bay Leaves	oil
<i>Laurus</i> sp.	<i>Laurus</i> sp.	leaf
<i>Lavandula angustifolia</i> / <i>Lavandula officinalis</i> Chaix.	Lavender English/French	flower
<i>Lavandula angustifolia</i> / <i>Lavandula officinalis</i> Chaix.	Lavender English/French	oil
<i>Lavandula</i> sp.	<i>Lavandula</i> sp.	flower
<i>Lavandula</i> sp.	<i>Lavandula</i> sp.	oil
<i>Lavandula</i> spp.	<i>Lavandula</i> spp.	flower
<i>Lavandula</i> spp.	<i>Lavandula</i> spp.	oil
<i>Lawsonia inermis</i>	Henna pwdr	leaf
<i>Lens culinaris</i>	Lentil	seed
<i>Lentinula edodes</i>	Shiitake	fruiting body
<i>Lentinula edodes</i>	Shiitake	mycelia
<i>Leonurus cardiaca</i>	Motherwort	aerial part
<i>Leonurus japonicus</i>	Chinese Motherwort	herb
<i>Leonurus</i> sp.	<i>Leonurus</i> sp.	herb
<i>Lepidium meyenii</i>	Maca	root
<i>Leuzea carthamoides</i>	Leuzea or Maral root	root
<i>Levisticum officinale</i>	Lovage	root
<i>Ligusticum porteri</i>	Osha	root
<i>Ligusticum sinense</i>	Sichuan lovage	root
<i>Ligusticum striatum</i>	<i>Ligusticum striatum</i>	root
<i>Ligustrum lucidum</i>	<i>Ligustrum</i> / Nu Zhen Zi	fruit
<i>Limnanthes alba</i>	Meadowfoam	Seed oil
<i>Lindera aggregata</i>	<i>Lindera</i>	root
<i>Linum usitatissimum</i>	Flax	seed
<i>Linum usitatissimum</i>	Flax	oil
<i>Lippia graveolens</i>	Mexican oregano	leaf
<i>Lippia sidoides</i>	Pepper Rosmarin	aerial part
<i>Liquidambar taiwaniana</i>	Liquidamber	fruit
<i>Litchi chinensis</i>	Lychee	fruit

Lobelia inflata	Lobelia	aerial part
Lomatium dissectum	Lomatium	root
Lonicera japonica	Japanese Honeysuckle, Jin Yin Hua	flower
Lonicera sp.	Honeysuckle	flower
Lophatherum gracile	Lophatherum	leaf
Loranthus parasiticus	Chinese Mistletoe	herb (leaf, stem)
Lycium sp.	Lycium sp.	fruit
Lycopersicon esculentum	Tomato	fruit
Lycopersicon sp.	Lycopersicon sp.	fruit
Lycopodium clavatum	Chinese Club Moss	aerial part
Lycopus americanus	American bugleweed	aerial part
Lycopus virginicus	Bugleweed	herb
Lysimachia christinae	Gold Coin Grass	herb
Lythrum salicaria	Purple Loosestrife	aerial part
Macadamia ternifolia	Macadamia	seed oil
Magnolia officinalis	Magnolia	bark
Mahonia aquifolium / Berberis aquifolium	Oregon Grape	root
Mahonia sp.	Mahonia sp.	root
Malpighia sp.	Malpighia sp.	fruit
Malus pumila	Apple	fruit
Malus sp.	Malus sp.	fruit
Malva sylvestris	High mallow	leaf
Malva sylvestris	High mallow	flower
Mangifera indica	Mango	fruit
Mangifera indica	Mango	seed
Manihot utilisima	Cassava	root
Maranta arundinacea	Arrowroot	root
Marantodes pumilum	Akar Fatimah, Kacip Fatimah	herb
Marrubium sp.	Marrubium sp.	aerial part
Marrubium vulgare L.	Horehound	aerial part
Matricaria recutita	Chamomile	herb (leaf, flower)
Matthiola incana	stock, hoary stock, ten-weeks stock	flower
Maytenus macrocarpa	Chuchuhuasi	bark
Medicago sativa	Alfalfa	aerial part
Melaleuca alternifolia	Tea Tree / Melaleuca	leaf
Melaleuca cajuputi	Cajuput	leaf oil
Melaleuca sp.	Melaleuca sp.	leaf oil
Melilotus officinalis	Yellow sweetclover	herb
Melissa officinalis	Lemon Balm	herb
Mentha canadensis / Mentha haplocalyx	Chinense mint	aerial part
Mentha piperita	Peppermint	leaf
Mentha piperita	Peppermint	oil
Mentha pulegium	European Pennyroyal	aerial part
Mentha sp.	Mentha sp.	aerial part
Mentha sp.	Mentha sp.	oil
Mentha spicata / Mentha viridis	Spearmint	leaf
Mentha spicata / Mentha viridis	Spearmint	oil
Mimosa pudica	Mimosa pudica	seed
Mitchella repens	Squaw Vine, partridge berry	aerial part
Mitragyna sp.	Mitragyna sp.	leaf
Mitragyna speciosa	Kratom, Mitragyna speciosa	leaf
Momordica charantia	Bitter melon	fruit
Momordica cochinchinensis	Momordica	fruit
Monascus purpureus	Monascus	seed
Morella cerifera / Myrica cerifera	Bayberry, Wax myrtle	bark
Morinda citrifolia	Indian Mulberry, noni	leaf
Morinda citrifolia	Indian Mulberry, noni	fruit

<i>Morinda officinalis</i>	Morinda	root
<i>Moringa oleifera</i>	Horseradish tree	leaf
<i>Moringa oleifera</i>	Horseradish tree	seed
<i>Morus alba</i>	White Mullberry / Sang Ye, Mori Folium	leaf
<i>Morus rubra</i>	Red Mulberry	fruit
<i>Morus sp.</i>	<i>Morus sp.</i>	fruit
<i>Morus sp.</i>	<i>Morus sp.</i>	leaf
<i>Mucuna pruriens</i>	Velvet bean, cowitch	seed
<i>Murraya koenigii</i>	<i>Murraya koenigii</i>	leaf
<i>Musa sp.</i>	banana, plantain	fruit
<i>Musa spp.</i>	<i>Musa spp.</i>	fruit
<i>Myrciaria dubia</i>	Camu-Camu	fruit
<i>Myristica fragrans</i>	Nutmeg	seed
<i>Myristica fragrans</i>	Nutmeg	oil
<i>Myrtus communis</i>	Myrtle	leaf
<i>Myrtus communis</i>	Myrtle	oil
<i>Nardostachys jatamansi</i>	Jatamansi	root
<i>Nelumbo nucifera</i>	Sacred lotus	stamen
<i>Nepeta cataria</i>	Catnip	herb
<i>Nepeta tenuifolia</i>	Jing Jie	aerial part
<i>Nicotiana tabacum</i>	Tobacco	leaf
<i>Nigella sativa</i>	Black cumin	seed
<i>Nigella sativa</i>	Black cumin	oil
<i>Notopterygium incisum</i>	<i>Notopterygium incisum</i> K.C. Ting ex H.T. Chang	root
<i>Ocimum basilicum</i>	Sweet Basil	herb
<i>Ocimum basilicum</i>	Sweet Basil	oil
<i>Ocimum gratissimum</i>	African basil, East Indian basil, Russian basil, tree basil	leaf
<i>Ocimum tenuiflorum/Ocimum sanctum</i>	Holy Basil / Tulsi	aerial part
<i>Ocimum tenuiflorum/Ocimum sanctum</i>	Holy Basil / Tulsi	oil
<i>Ocotea quixos</i>	<i>Ocotea</i> (Ishpingo/Flower)	leaf
<i>Oenothera biennis</i>	Evening Primrose	seed
<i>Oenothera biennis</i>	Evening Primrose	oil
<i>Oenothera sp.</i>	<i>Oenothera sp.</i>	seed
<i>Oenothera sp.</i>	<i>Oenothera sp.</i>	oil
<i>Olea europaea</i>	Olive	fruit
<i>Olea europaea</i>	Olive	leaf
<i>Olea europaea</i>	Olive	oil
<i>Olea sp.</i>	<i>Olea sp.</i>	fruit
<i>Olea sp.</i>	<i>Olea sp.</i>	leaf
<i>Olea sp.</i>	<i>Olea sp.</i>	oil
<i>Ophiopogon japonicus</i>	<i>Ophiopogon</i>	root
<i>Oplopanax horridus</i>	Devil's club	root
<i>Opuntia ficus-indica</i>	Nopal Cactus, Prickly pear	herb (leaf, stem)
<i>Opuntia sp.</i>	<i>Opuntia sp.</i>	aerial part
<i>Opuntia streptacantha</i>	Nopalis	leaf
<i>Origanum sp.</i>	<i>Origanum sp.</i>	leaf
<i>Origanum sp.</i>	<i>Origanum sp.</i>	oil
<i>Origanum syriacum</i>	Bible hyssop	herb
<i>Origanum vulgare</i>	oregano, pot marjorum	herb (leaf, flower)
<i>Oryza sativa</i>	Rice	germ
<i>Oryza sativa</i>	Rice	oil
<i>Oryza sp.</i>	<i>Oryza sp.</i>	grain
<i>Oryza sp.</i>	<i>Oryza sp.</i>	oil
<i>Paecilomyces hepiali</i>	<i>Cordyceps</i>	mycelia
<i>Paecilomyces hepiali</i>	<i>Cordyceps</i>	entire
<i>Paeonia lactiflora</i>	Chinese Peony	root
<i>Paeonia suffruticosa</i>	Tree peony	root

<i>Paeonia veitchii</i>	Chinese peony	root
<i>Paeoniae lactiflora rubra</i>	<i>Paeoniae lactiflora rubra</i>	root
<i>Palmaria palmata</i>	Dulse	thallus
<i>Panax ginseng</i>	Asian Ginseng	root
<i>Panax ginseng</i>	Asian Ginseng	leaf
<i>Panax pseudoginseng</i> Wall. Var. <i>notoginseng</i>	Noto-pseudo ginseng	root
<i>Panax pseudoginseng</i> Wall. Var. <i>notoginseng</i>	Noto-pseudo ginseng	leaf
<i>Panax quinquefolius</i>	American ginseng	root
<i>Panax quinquefolius</i>	American ginseng	leaf
<i>Panax</i> sp.	<i>Panax</i> sp.	root
<i>Panax</i> sp.	<i>Panax</i> sp.	leaf
<i>Panicum miliaceum</i>	Millet	seed
<i>Papaver rhoeas</i>	Field poppy	seed
<i>Papaver somniferum</i>	Opium poppy	seed
<i>Parmotrema chinense</i>	<i>Parmotrema</i>	flower
<i>Parthenium integrifolium</i>	Prairie dock / Missouri Snakeroot	root
<i>Parthenium integrifolium</i>	Prairie dock / Missouri Snakeroot	leaf
<i>Passiflora edulis</i>	Passion Flower	herb
<i>Passiflora incarnata</i>	Passion Flower	herb
<i>Passiflora</i> sp.	<i>Passiflora</i> sp.	herb
<i>Pastinaca sativa</i>	Parsnip	root
<i>Pastinaca</i> sp.	<i>Pastinaca</i> sp.	root
<i>Patrinia villosa</i>	<i>Patrinia</i>	entire
<i>Paullinia cupana</i>	Guarana	seed
<i>Pausinystalia johimbe</i>	Yohimbe	bark
<i>Pedaliium murex</i>	<i>Pedaliium</i>	fruit
<i>Pelargonium sidoides</i>	South African Geranium	rhizome
<i>Perilla frutescens</i>	<i>Perilla</i>	leaf
<i>Perilla frutescens</i>	<i>Perilla</i>	seed
<i>Periploca sepium</i>	<i>Periploca sepium</i>	root
<i>Persea americana</i>	Avocado	fruit
<i>Persea americana</i>	Avocado	oil
<i>Petasites hybridus</i>	Butterbur	root
<i>Petasites</i> sp.	<i>Petasites</i> sp.	root
<i>Petiveria alliacea</i>	Anamu	leaf
<i>Petroselinum crispum</i> / <i>Petroselinum sativum</i>	Parsley	leaf
<i>Petroselinum crispum</i> / <i>Petroselinum sativum</i>	Parsley	root
<i>Petroselinum crispum</i> / <i>Petroselinum sativum</i>	Parsley	seed
<i>Peumus boldus</i>	Boldo	herb (leaf, stem)
<i>Pfaffia paniculata</i>	Suma	root
<i>Phalaris canariensis</i>	Canary grass	seed
<i>Phaseolus lunatus</i>	Lima Bean	seed
<i>Phaseolus vulgaris</i>	Black Bean	bean
<i>Phaseolus vulgaris</i>	Kidney Bean (red) Common Bean	bean
<i>Phaseolus vulgaris</i>	Kidney bean (white) common bean	bean
<i>Phaseolus vulgaris</i>	Navy bean	bean
<i>Phellinus linteus</i>	Mesima	mycelia
<i>Phellodendron amurense</i>	<i>Phellodendron</i>	bark
<i>Phellodendron chinense</i>	<i>Phellodendron</i>	bark
<i>Phellodendron</i> sp.	<i>Phellodendron</i> sp.	bark
<i>Phoenix dactylifera</i>	Date	fruit
<i>Phragmites australis</i>	<i>Phragmites</i>	root
<i>Phyllanthus amarus</i>	<i>Phyllanthus amarus</i>	aerial part
<i>Phyllanthus emblica</i>	Amla, amalaki	fruit
<i>Phyllanthus</i> sp.	<i>Phyllanthus</i> sp.	fruit
<i>Phyllanthus</i> sp.	<i>Phyllanthus</i> sp.	fruit
<i>Phyllostachys</i> sp.	<i>Phyllostachys</i> sp.	leaf

<i>Phytolacca decandra</i>	Poke root	root
<i>Picea mariana</i>	Black Spruce	oil
<i>Picrasma excelsa</i>	Jamaican Quassia, bitterwood	wood
<i>Pimenta dioica</i>	Allspice	fruit
<i>Pimpinella anisum</i>	Anise	seed
<i>Pinellia ternata</i>	Crowdipper	root
<i>Pinus maritima / pinus pinaster</i>	Pine maritime	bark
<i>Pinus sp.</i>	<i>Pinus sp.</i>	bark
<i>Pinus strobus</i>	White Pine	bark
<i>Pinus sylvestris</i>	Scotch (Common) Pine	leaf
<i>Pinus tabuliformis</i>	Chinese Pine	bark
<i>Piper longum</i>	long Pepper	fruit
<i>Piper methysticum</i>	Kava Kava	root
<i>Piper nigrum</i>	Black Pepper	fruit
<i>Piptoporus betulinus</i>	Birch Polypore	mycelia
<i>Piscidia erythrina</i>	Jamaican Dogwood	bark
<i>Pistacia lentiscus</i>	Mastic	resin
<i>Pisum sativum</i>	Pea	seed
<i>Plantago asiatica</i>	Asian Plantain	aerial part
<i>Plantago asiatica</i>	Asian Plantain	seed
<i>Plantago lanceolata</i>	English plantain	leaf
<i>Plantago major</i>	Plantain	herb
<i>Plantago sp.</i>	<i>Plantago sp.</i>	husks
<i>Plantago sp.</i>	<i>Plantago sp.</i>	seed
<i>Platycladus orientalis</i>	Oriental arborvitae	seed
<i>Platycodon grandiflorus</i>	Platycodon, Jie Geng	root
<i>Plectranthus barbatus / Coleus forskohlii</i>	Coleus forskohlii	root
<i>Pleurotus eryngii</i>	King Trumpet Mushroom	mycelia
<i>Pleurotus ostreatus</i>	Osyster	mycelia
<i>Pleurotus ostreatus</i>	Osyster	fruiting body
<i>Plukenetia volubilis</i>	Plukenetia volubilis	seed
<i>Podophyllum peltatum</i>	Mayapple	root
<i>Pogostemon cablin</i>	Patchouli/ Guang huo xiang	aerial part
<i>Pogostemon cablin</i>	Patchouli/ Guang huo xiang	oil
<i>Polygala senega</i>	Senega snakeroot	root
<i>Polygala tenuifolia</i>	Polygala	root
<i>Polygonatum biflorum</i>	Solomon's seal	root
<i>Polygonatum odoratum</i>	Aromatic Solomon's seal	root
<i>Polygonatum sibiricum</i>	Siberian Solomon's Seal	root
<i>Polygonatum sp.</i>	<i>Polygonatum sp.</i>	root
<i>Polygonum bistorta</i>	Bistort	root
<i>Polygonum bistorta</i>	Bistort	herb
<i>Polygonum cuspidatum</i>	Japanese Knotweed	root
<i>Polygonum cuspidatum</i>	Japanese Knotweed	stem
<i>Polygonum multiflorum</i>	Fo-Ti	root
<i>Polygonum multiflorum</i>	Fo-Ti	herb
<i>Polygonum sp.</i>	<i>Polygonum sp.</i>	herb
<i>Polygonum sp.</i>	<i>Polygonum sp.</i>	root
<i>Populus tremuloides</i>	White Poplar brk	herb
<i>Poria cocos</i>	Poria	fruiting body
<i>Poria cocos</i>	Poria	mycelia
<i>Poria cocos</i>	Poria	sclerotium
<i>Porphyra sp.</i>	Porphyra sp.	stem
<i>Porphyra umbilicalis</i>	Milled Laver	entire
<i>Porphyra yezoensis</i>	Nori, Red algae	entire
<i>Portulaca oleracea</i>	Common Purslane	aerial part
<i>Potentilla erecta</i>	Tormentilla Root	rhizome

<i>Pouteria lucuma</i>	Lucuma	fruit
<i>Prunella vulgaris</i>	Heal All	herb
<i>Prunus domestica</i>	Plum, prune	fruit
<i>Prunus domestica</i>	Plum, prune	seed
<i>Prunus africana</i>	Pygeum	bark
<i>Prunus armeniaca</i>	Apricot	fruit
<i>Prunus armeniaca</i>	Apricot	seed
<i>Prunus avium</i>	Sweet Cherry	fruit
<i>Prunus cerasus</i>	Sour Cherry	fruit
<i>Prunus dulcis</i>	Almond	seed
<i>Prunus mume</i>	Japanese apricot	fruit
<i>Prunus persica</i>	Peach, Tao Ren	fruit
<i>Prunus persica</i>	Peach, Tao Ren	leaf
<i>Prunus persica</i>	Peach, Tao Ren	seed
<i>Prunus serotina</i>	Black Wild Cherry	bark
<i>Prunus serotina</i>	Black Wild Cherry	fruit
<i>Prunus sp.</i>	<i>Prunus sp.</i>	fruit
<i>Prunus sp.</i>	<i>Prunus sp.</i>	seed
<i>Prunus sp.</i>	<i>Prunus sp.</i>	leaf
<i>Prunus sp.</i>	<i>Prunus sp.</i>	bark
<i>Pseudostellaria heterophylla</i>	<i>Pseudostellaria</i> , Tai Zi Shen	root
<i>Psidium guajava</i>	Guava	fruit
<i>Psidium guajava</i>	Guava	leaf
<i>Pterocarpus marsupium</i>	Indian kino tree	wood
<i>Pueraria mirifica</i>	<i>Pueraria</i>	root
<i>Pueraria montana</i> Merr. Var. <i>Lobata</i>	Kudzu	root
<i>Pueraria sp.</i>	<i>Pueraria sp.</i>	root
<i>Pueraria sp.</i>	<i>Pueraria sp.</i>	flower
<i>Pueraria thomsonii</i>	Kudzu	flower
<i>Pueraria thomsonii</i>	Kudzu	root
<i>Pulmonaria officinalis</i>	Lungwort	herb
<i>Punica granatum</i>	Pomegranate	fruit
<i>Pyrus communis</i>	Pear	fruit
<i>Pyrus pyrifolia</i>	Asian Pear	fruit
<i>Pyrus sp.</i>	<i>Pyrus sp.</i>	fruit
<i>Quassia amara</i>	<i>Quassia</i> , Surinam quassia	bark
<i>Quassia amara</i>	<i>Quassia</i> , Surinam quassia	wood
<i>Quercus alba</i>	White Oak	bark
<i>Quercus bicolor</i>	<i>Quercus bicolor</i> Willd.	nut
<i>Quercus infectoria</i>	Mayakku (Gall), Manjakani	gall
<i>Quercus macrocarpa</i>	<i>Quercus macrocarpa</i> Michx.	nut
<i>Quercus michauxii</i>	<i>Quercus michauxii</i> Nutt.	nut
<i>Quercus sp.</i>	Oak	bark
<i>Quillaja saponaria</i>	Quillaja	bark
<i>Raphanus sativus</i>	Radish	root
<i>Raphanus sativus</i>	Radish	sprout
<i>Raphanus sativus</i> var. <i>longipinnatus</i>	Daikon	sprout
<i>Raphanus sativus</i> var. <i>niger</i>	Black Radish	root
<i>Rauwolfia vomitoria</i>	<i>Rauwolfia</i>	root
<i>Rehmannia glutinosa</i>	<i>Rehmannia</i>	root
<i>Rehmannia sp.</i>	<i>Rehmannia sp.</i>	root
<i>Resina propoli</i>	Bee Propolis	resin
<i>Rhamnus frangula</i>	Buckthorn	bark
<i>Rhamnus purshiana</i>	Cascara Sagrada	bark
<i>Rheum rhaponticum</i>	Rhubarb	root
<i>Rheum sp.</i>	<i>Rheum sp.</i>	root
<i>Rhodiola crenulata</i>	<i>Rhodiola crenulata</i>	root



Rhodiola rosea	Rhodiola	root
Rhodiola rosea	Rhodiola	leaf
Rhododendron caucasicum	Rhododendron	leaf
Rhododendron chrysanthum	Rhododendron	leaf
Rhododendron sp.	Rhododendron	leaf
Rhus coriaria	Sicilian Sumac	fruit
Rhus sp.	Rhus sp.	fruit
Ribes nigrum	Black Currant	fruit
Ribes nigrum	Black Currant	seed
Ribes nigrum	Black Currant	leaf
Ribes rubrum	Red Currant	fruit
Ribes sp.	Ribes sp.	fruit
Ribes sp.	Ribes sp.	seed
Ribes sp.	Ribes sp.	leaf
Ribes uva-crispa	European gooseberry	fruit
Ricinus communis L	Castor	seed
Ricinus communis L	Castor	leaf
Rorippa nasturtium-aquaticum	Watercress	herb
Rosa damascena	Damask rose	flower
Rosa rubiginosa	Rose Hips, Sweetbriar rose	fruit
Rosa sp.	Rosa sp.	fruit
Rosmarinus officinalis	Rosemary	leaf
Rubia cordifolia	Indian Madder	root
Rubus idaeus	Raspberry	fruit
Rubus idaeus	Raspberry	leaf
Rubus sp.	Blackberry	fruit
Rubus sp.	Blackberry	leaf
Rubus sp.	Rubus sp.	fruit
Rubus sp.	Rubus sp.	leaf
Rubus spp.	Rubus spp.	fruit
Rubus spp.	Rubus spp.	leaf
Rumex acetosa	Sorrel	leaf
Rumex acetosella	Sheep Sorrel	herb
Rumex crispus	Yellowdock	root
Ruscus aculeatus	Butchers broom	root
Ruta graveolens	Rue	herb
Saccharomyces sp.	Brewers Yeast	entire
Saccharum sp.	Saccharum sp.	juice
Salacia chinensis	Salacia chinensis	root
Salacia reticulata	Salacia reticulata	root
Salix sp.	Willow	bark
Salvia hispanica	Chia	seed
Salvia miltiorrhiza	Salvia Chinese, Dan Shen	root
Salvia officinalis	Sage	leaf
Salvia sclarea	Clary sage	oil
Salvia triloba	Sage	leaf
Sambucus nigra	European Elder	flower
Sambucus nigra	European Elder	fruit
Sambucus nigra ssp. Canadensis	American Elder	flower
Sambucus sp.	Sambucus sp.	fruit
Sambucus sp.	Sambucus sp.	flower
Sanguinaria canadensis	Bloodroot	root
Sanicula europaea	Sanicle european	aerial part
Sanicula sp.	Sanicula sp.	aerial part
Santalum album	White sandalwood	wood
Saposhnikovia divaricata	Siler; Fang Feng	root
Sargassum fusiforme	Sargassum	entire

Sargassum horneri	Sargassum horneri	algae
Sargassum pallidum	Sargassum	algae
Sassafras albidum	Sassafras	leaf
Saussurea costus	Aucklandia, costus	root
Sceletium tortuosum	Kanna, Canna, Kaugoed	aerial part
Schinus terebinthifolius	Brazilian Pepper Tree	bark
Schisandra chinensis	Schisandra, bei wu wei zi	fruit
Schisandra sp.	Schisandra sp.	fruit
Schisandra sphenanthera	Schisandra	fruit
Schizophyllum commune	Suchirotake	mycelia
Scrophularia marilandica	Figwort	herb
Scrophularia ningpoensis Xuan Shen	Scrophularia	root
Scrophularia nodosa	Figwort	herb
Scutellaria baicalensis	Skullcap Chinese	root
Scutellaria baicalensis	Skullcap Chinese	herb
Scutellaria barbata	Barbed skullcap	root
Scutellaria barbata	Barbed skullcap	herb
Scutellaria lateriflora	Skullcap	aerial part
Scutellaria sp.	Scutellaria sp.	aerial part
Scutellaria sp.	Scutellaria sp.	root
Secale cereale	Rye	pollen
Selaginella doederlinii	Selaginella doederlinii Hieron. [Selaginellaceae]	herb
Senna alexandrina	Senna	leaf
Senna obtusifolia	Sickle-pod Senna	leaf
Senna tora	Stinking cassia	seed
Serenoa repens	Saw Palmetto	fruit
Serenoa repens	Saw Palmetto	oil
Sesamum orientale/ Sesamum indicum	Sesame	seed
Sesamum orientale/ Sesamum indicum	Sesame	oil
Sida cordifolia	Bala, heart-leaf sida	aerial part
Siegesbeckia orientalis	St. Paul's Wart, Siegesbeckia	herb
Siegesbeckia sp.	Siegesbeckia sp.	herb
Silybum marianum	Milk thistle seed	seed
Simmondsia chinensis	Jojoba	seed
Simmondsia chinensis	Jojoba	oil
Sinapis alba	Yellow Mustard	seed
Siraitia grosvenorii	Momordica grosvenorii, Monk Fruit	fruit
Smallanthus sonchifolius	Yacon	root
Smilax aristolochiifolia	Sarsaparilla	root
Smilax china	Chinese smilax	root
Smilax glabra	Chinese smilax	root
Smilax regelii / Smilax ornata	Sarsaparilla	root
Smilax sp.	Smilax sp.	root
Solanum dulcarmara	Bittersweet	herb
Solanum melongena	Eggplant	fruit
Solanum sp.	Solanum sp.	fruit
Solanum tuberosum	White potato/ Irish potato	tuber
Solidago canadensis var. canadensis	Canadian goldenrod	aerial part
Solidago canadensis var. canadensis	Canadian goldenrod	root
Solidago gigantea	Early Goldenrod	herb
Solidago odora	Sweet Goldenrod	root
Solidago sp.	Solidago sp.	aerial part
Solidago virgaurea	European Goldenrod	herb
Sophora flavescens	Sophora shrubby, Ku Shen	root
Sophora japonica	Japanese sophora	flower
Sophora japonica	Japanese sophora	fruit
Sorbus aucuparia	Rowan Berry	fruit

<i>Sorghum bicolor</i>	Sorghum	grain
<i>Spilanthes acmella</i>	Spilanthes	aerial part
<i>Spilanthes acmella</i>	Spilanthes	seed
<i>Spilanthes sp.</i>	Spilanthes sp.	seed
<i>Spilanthes sp.</i>	Spilanthes sp.	aerial part
<i>Spinacia oleracea</i>	Spinach	leaf
<i>Spirulina sp.</i>	Spirulina sp.	algae
<i>Stachys officinalis / Betonica officinalis</i>	Wood Betony	aerial part
<i>Stellaria media</i>	Chickweed hrb	leaf
<i>Stephania tetrandra / fang ji (or) hang fang ji</i>	Stephania, hang fang ji	root
<i>Stevia rebaudiana</i>	Stevia	leaf
<i>Stillingia sylvatica</i>	Stillingia	root
<i>Sutherlandia frutescens</i>	Sutherlandia	aerial part
<i>Swertia chirayita</i>	Chirata	herb
<i>Symphytum officinale</i>	Comfrey	root
<i>Symplocarpus foetidus</i>	Skunk Cabbage	root
<i>Syzygium aromaticum</i>	Clove	bud
<i>Syzygium aromaticum</i>	Clove	oil
<i>Syzygium cumini</i>	Jambolan	seed
<i>Syzygium sp.</i>	<i>Syzygium sp.</i>	bud
<i>Syzygium sp.</i>	<i>Syzygium sp.</i>	seed
<i>Tabebuia serratifolia</i>	<i>Tabebuia serratifolia</i>	seed
<i>Tabernaemontana laevis</i>	<i>Tabernaemontana laevis</i>	bark
<i>Tagetes erecta</i>	Aztec marigold	flower
<i>Tagetes sp.</i>	<i>Tagetes sp.</i>	flower
<i>Tamarindus indica</i>	Tamarind	fruit
<i>Tanacetum parthenium</i>	Feverfew	aerial part
<i>Tanacetum sp.</i>	<i>Tanacetum sp.</i>	aerial part
<i>Tanacetum vulgare / Chrysanthemum vulgare</i>	Tansy	aerial part
<i>Taraxacum mongolicum</i>	Mongolian Dandelion	leaf
<i>Taraxacum officinale</i>	Dandelion	leaf
<i>Taraxacum officinale</i>	Dandelion	root
<i>Taraxacum sp.</i>	<i>Taraxacum sp.</i>	root
<i>Taraxacum sp.</i>	<i>Taraxacum sp.</i>	leaf
<i>Taxillus chinensis</i>	Taxillus	aerial part
<i>Taxus brevifolia</i>	Pacific yew	leaf
<i>Terminalia arjuna</i>	Arjuna	bark
<i>Terminalia bellerica</i>	Belleric myrobalan	fruit
<i>Terminalia chebula</i>	Chebulic myrobalan	fruit
<i>Ternstroemia pringlei</i>	<i>Tilia estrella</i>	flower
<i>Teucrium chamaedrys L. Lamiaceae</i>	Germander	herb
<i>Theobroma cacao</i>	Chocolate	seed
<i>Thuja occidentalis</i>	Thuja	leaf
<i>Thymus sp.</i>	<i>Thymus sp.</i>	aerial part
<i>Thymus vulgaris</i>	Thyme	entire
<i>Thymus vulgaris</i>	Thyme	oil
<i>Thymus zygis</i>	Spanish Thyme	leaf
<i>Tilia sp.</i>	Linden	flower
<i>Tillandsia usneoides</i>	Spanish moss	entire
<i>Tinospora cordifolia</i>	Indian tinospora	leaf
<i>Tinospora cordifolia</i>	Indian tinospora	stem
<i>Tinospora sinensis</i>	Chinese tinospora	stem
<i>Toxicodendron radicans</i>	Poison Ivy	leaf
<i>Trachyspermum ammi</i>	Ajowan	seed
<i>Trametes versicolor</i>	Turkey tails	fruiting body
<i>Trametes versicolor</i>	Turkey tails	mycelia
<i>Tremella fuciformis</i>	White Wood Ear	entire

Tremella fuciformis	White Wood Ear	fruiting body
Tremella fuciformis	White Wood Ear	mycelia
Tribulus sp.	Tribulus sp.	fruit
Tribulus sp.	Tribulus sp.	aerial part
Tribulus terrestris	Tribulus terrestris Bai Ji Li	fruit
Tribulus terrestris	Tribulus terrestris Bai Ji Li	aerial part
Trichocereus pachanoi	trichocereus pachanoi	stem
Trichosanthes kirilowii	Trichosanthes	fruit
Trifolium pratense	Red Clover	aerial part
Trifolium sp.	Trifolium sp.	aerial part
Trigonella foenum-graecum	Fenugreek	seed
Trillium erectum	Bethroot	root
Triticum aestivum	Wheat	germ
Triticum aestivum	Wheat	leaf
Triticum aestivum	Wheat	Seed oil
Triticum polonicum	Polish wheat	leaf
Triticum sp.	Triticum sp.	bran
Triticum sp.	Triticum sp.	leaf
Triticum turgidum turanicum	Kamut	herb (leaf, stem)
Triticum turgidum turanicum	Kamut	seed
Triticum turgidum var durum	Durum	sprout
Tsuga canadensis	eastern hemlock	herb (leaf, stem)
Tuber melanosporum	black truffle	fruiting body
Turnera aphrodisiaca / Turnera diffusa	Damiana	leaf
Tussilago farfara	Coltsfoot	leaf
Tylophora asthmatica	Tylophora asthmatica	leaf
Typha sp.	Typha sp.	pollen
Ulmus rubra / Ulmus fulva	Slippery Elm	bark
Ulmus sp.	Ulmus sp.	bark
Ulva lactuca	Sea lettuce	algae
Uncaria rhynchophylla	Uncaria rhynchophylla	stem
Uncaria sp.	Uncaria sp.	stem
Uncaria tomentosa	Cat's Claw	bark
Urtica dioica	Nettle	leaf
Urtica dioica	Nettle	root
Urtica sp.	Nettle	leaf
Urtica sp.	Nettle	root
Usnea barbata	Usnea Lichen	entire
Usnea sp.	Usnea sp.	entire
Vaccinium macrocarpon	Cranberry	fruit
Vaccinium macrocarpon	Cranberry	seed
Vaccinium myrtillus	Bilberry	fruit
Vaccinium myrtillus	Bilberry	leaf
Vaccinium sp.	Cranberry	fruit
Vaccinium sp.	Vaccinium sp.	fruit
Vaccinium sp.	Vaccinium sp.	leaf
Valeriana jatamansi / wallichii	Valerian Root Indian	root
Valeriana officinalis	Valerian	root
Valeriana sp.	Valeriana sp.	root
Vanilla planifolia	Flat-leaved Vanilla	bean
Vanilla sp.	Vanilla	bean
Verbascum phlomoides	Mullein	leaf
Verbascum sp.	Verbascum sp.	leaf
Verbascum thapsus	Mullein	leaf
Verbena hastata	Blue Vervain	herb
Verbena officinalis	European vervain	aerial part
Verbena sp.	Verbena sp.	aerial part

<i>Veronicastrum virginicum</i> / <i>Leptandra Virginica</i>	Culvers Root	root
<i>Vetiveria zizanioides</i>	Vetiver	oil
<i>Viburnum opulus</i>	Cramp Bark	bark
<i>Viburnum prunifolium</i>	Black Haw	bark
<i>Vicia faba</i>	Fava	seed
<i>Vigna angularis</i>	Adzuki Bean	sprout
<i>Vigna radiata</i>	Mung bean	bean
<i>Vinca minor</i>	Periwinkle lesser	aerial part
<i>Vinca</i> sp.	Periwinkle	herb
Vinpocetine	Vinpocetine	seed
<i>Viola odorata</i>	Violet sweet	leaf
<i>Viola tricolor</i>	Heartsease	herb
<i>Viscum album</i>	Euro Mistletoe	leaf
<i>Viscum</i> sp.	<i>Viscum</i> sp.	leaf
<i>Vitellaria paradoxa</i>	Shea Butter	seed
<i>Vitex agnus-castus</i>	Chaste tree	fruit
<i>Vitex agnus-castus</i>	Chaste tree	seed
<i>Vitex negundo</i>	Chinese Chaste Tree	fruit
<i>Vitex negundo</i>	Chinese Chaste Tree	seed
<i>Vitex trifolia</i>	Simple-Leaf Chaste tree	fruit
<i>Vitis rotundifolia</i>	Muscadine Grape	seed
<i>Vitis</i> sp.	<i>Vitis</i> sp.	fruit
<i>Vitis</i> sp.	<i>Vitis</i> sp.	seed
<i>Vitis vinifera</i>	Grape	fruit
<i>Vitis vinifera</i>	Grape	seed
<i>Wasabia japonica</i>	Japanese horseradish	rhizome
<i>Withania somnifera</i>	Ashwagandha	leaf
<i>Withania somnifera</i>	Ashwagandha	root
<i>Withania somnifera</i>	Ashwagandha	root & leaf
<i>Wrightia tinctoria</i>	<i>Wrightia tinctoria</i>	aerial part
Xanthan	Xanthan	gum
<i>Xanthium sibiricum</i>	Siberian cocklebur	fruit
<i>Xanthium</i> sp.	<i>Xanthium</i> sp.	fruit
<i>Yucca</i> sp.	<i>Yucca</i> sp.	root
<i>Zanthoxylum americanum</i>	Prickly Ash bark northern	bark
<i>Zanthoxylum bungeanum</i>	Sichuan pepper	husks
<i>Zanthoxylum clava-herculis</i>	Prickly Ash brk southern	bark
<i>Zea mays</i>	Corn	aerial part
<i>Zea mays</i>	Corn	germ
<i>Zingiber officinale</i>	Ginger	rhizome
<i>Ziziphus jujuba</i>	Jujube Fructus FRUIT	fruit
<i>Ziziphus jujuba</i> var <i>spinosa</i>	Jujube seed	seed