

**Dr. Duke's Phytochemical and Ethnobotanical Databases**

**List of Plants for Antiplasmodial**

Plants with Activity Synergy	Chemical Count	Total PPM
Abelmoschus moschatus	1	
Abelmoschus esculentus	2	140.0
Abutilon theophrasti	1	
Acacia senegal	1	
Acacia nilotica	2	
Acacia farnesiana	1	
Acacia catechu	1	
Achillea millefolium	3	44.0
Achyranthes bidentata	1	
Achyranthes aspera	1	
Acinos suaveolens	1	
Acrotrema uniflorum	1	
Acrotrema arnottianum	1	
Actinidia chinensis	1	
Adansonia digitata	1	
Adonis vernalis	1	
Aesculus hippocastanum	1	
Agastache rugosa	1	
Agathosma betulina	1	
Ageratum conyzoides	2	
Agrimonia eupatoria	3	12000.0
Ailanthus grandis	1	
Ailanthus altissima	3	
Ajuga remota	1	
Akania luceus	1	
Akebia quinata	1	
Alangium lamarckii	4	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Albizia lebbbeck</i>	2	
<i>Aleurites montana</i>	1	
<i>Aleurites fordii</i>	1	
<i>Allium schoenoprasum</i>	1	18.0
<i>Allium sativum</i> var. <i>sativum</i>	2	400.0
<i>Allium cepa</i>	2	96200.0
<i>Alnus nepalensis</i>	1	
<i>Alnus maximowiczii</i>	1	
<i>Alphitonia whitei</i>	1	
<i>Alphitonia petriei</i>	1	
<i>Alphitonia macrocarpa</i>	1	
<i>Alphitonia excelsa</i>	1	
<i>Alpinia officinarum</i>	1	
<i>Alstonia scholaris</i>	1	
<i>Althaea officinalis</i>	1	
<i>Alyxia buxifolia</i>	1	
<i>Amanoa oblongifolia</i>	1	
<i>Ammannia baccifera</i>	1	
<i>Ammi visnaga</i>	1	
<i>Ammi majus</i>	1	
<i>Amomum compactum</i>	2	
<i>Amoora canarana</i>	1	
<i>Ampelozizyphus amazonicus</i>	1	
<i>Amsonia grandiflora</i>	1	
<i>Anastatica hierochuntica</i>	1	
<i>Andira inermis</i>	1	
<i>Anemarrhena asphodeloides</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Anemone pulsatilla	1	
Anemone narcissiflora	1	
Anethum graveolens	2	
Angelica archangelica	1	
Aniba rosaeodora	1	
Anisomeles malabarica	1	
Annona squamosa	1	
Annona cherimola	1	
Anogeissus latifolia	2	
Apium graveolens	5	18375.0
Apocynum cannabinum	1	
Arachis hypogaea	1	
Aralia cordata	1	
Araucaria bidwillii	1	
Arbutus unedo	3	
Arbutus menziesii	1	
Arctium lappa	1	
Arctostaphylos uva-ursi	5	15000.0
Ardisia japonica	1	
Argemone mexicana	1	820.0
Armoracia rusticana	1	
Artemisia salsoloides	3	
Artemisia indica	4	
Artemisia herba-alba	2	
Artemisia dracuncululus	1	
Artemisia annua	9	
Artocarpus integrifolia	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Artocarpus heterophyllus	2	
Artocarpus altii	1	
Asimina triloba	1	
Aspalathus linearis	1	
Asparagus officinalis	1	
Aspidixia angulata	1	
Astragalus membranaceus	1	
Atractylodes lancea	1	
Avena sativa	1	620.0
Avicennia tomentosa	1	
Avicennia officinalis	1	
Avicennia marina	1	
Avicennia alba	1	
Azadirachta indica	6	2020.0
Balanops australiana	1	
Barosma betulina	1	
Basella alba	1	
Bauhinia vahlii	1	
Berberis vulgaris	6	
Bertholletia excelsa	1	
Beta vulgaris	1	
Betula utilis	1	
Betula sp.	1	
Betula platyphylla	1	
Betula pendula	1	
Betula papyrifera	1	
Betula maximowicziana	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Betula lenta	1	
Betula ermanii	1	
Bischofia javanica	1	
Bixa orellana	1	
Boehmeria excelsa	1	
Bonnetia dinizii	1	
Borago officinalis	1	
Bowdichia virgilioides	1	
Brassica oleracea var. sabellica l.	1	100.0
Brassica oleracea var. italica	1	
Brassica oleracea var. gemmifera	1	50.0
Brassica oleracea var. capitata l.	1	200.0
Brassica oleracea var. botrytis l.	1	12.0
Brassica oleracea	1	40.0
Broussonetia papyrifera	1	
Buxus wallichiana	1	
Buxus microphylla	1	
Byrsonima crassifolia	1	
Caesalpinia pulcherrima	2	
Caesalpinia decapetala	1	
Calendula officinalis	2	
Callicarpa arborea	1	
Callicarpa americana	4	
Callistemon lanceolatus	1	
Calophyllum tomentosum	1	
Calophyllum macrocarpum	1	
Calophyllum lankaensis	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Calophyllum bracteatum	1	
Calophyllum apetalum	1	
Camellia sinensis	1	20000.0
Camptotheca acuminata	2	
Capparis spinosa	1	
Capsicum frutescens	1	126.0
Caraipa grandifolia	1	
Caraipa densifolia	1	
Caraipa densiflora	1	
Careya arborea	1	
Carthamus tinctorius	2	7.06
Carum carvi	1	
Carya ovata	1	
Cassia obtusifolia	1	
Cassinia laevis	1	
Castanea sativa	2	
Catalpa bignonioides	1	
Catharanthus roseus	3	
Caulophyllum thalictroides	1	
Ceanothus velutinus	1	
Ceanothus americanus	1	
Cedrus deodora	1	
Ceiba pentandra	2	
Centaurea cyanus	1	
Centaurea calcitrapa	1	
Centaurium erythraea	1	
Centella asiatica	2	

Plants with Activity Synergy	Chemical Count	Total PPM
Cephaelis ipecacuanha	2	35400.0
Ceratonia siliqua	1	
Chamaecrista greggii	1	
Chamaemelum nobile	4	
Chelidonium majus	1	
Chenopodium quinoa	1	
Chenopodium album	1	
Chimaphila umbellata	2	
Chrysanthemum x morifolium	2	
Cichorium intybus	1	
Cichorium endivia	1	
Cinnamomum verum	2	248.0
Cinnamomum camphora	3	
Cinnamomum aromaticum	2	
Citrullus colocynthis	1	
Citrus sinensis	1	
Citrus reticulata	2	14.0
Citrus paradisi	2	
Citrus mitis	1	
Citrus limon	1	
Claoxylon polot	1	
Clinopodium umbrosum	1	
Clusia sp.	1	
Clusia arboricida	1	
Cnicus benedictus	2	
Coccoloba excoriata	1	
Colubrina granulosa	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Combretum imberbe	1	
Commiphora wightii	2	
Consolida ajacis	1	
Copaifera spp	3	
Coptis spp	2	180000.0
Coptis japonica	1	140000.0
Coptis chinensis	1	180000.0
Coriandrum sativum	1	
Coriaria thymifolia	2	
Coriaria myrtifolia	2	
Cornus officinalis	2	
Cornus mas	3	
Cornus florida	3	
Cornus capitata	1	
Corydalis spp	1	
Corylus avellana	1	
Cotylelobium scabriusculum	1	
Crataegus rhipidophylla	2	
Crataegus monogyna	3	
Crataegus laevigata	3	
Crataegus cuneata	2	
Crateva religiosa	1	
Crocus sativus	2	
Crotalaria semperflorens	1	
Cryptostegia grandifolia	1	
Cucurbita pepo	1	
Cuminum cyminum	2	60.0



Plants with Activity Synergy	Chemical Count	Total PPM
Cuphea infundibulum	1	
Cuphea epilobifolia	1	
Cuphea carthagenensis	1	
Curcuma longa	1	
Cyamopsis tetragonoloba	2	
Cymbopogon citratus	1	
Cynara cardunculus	1	
Cyperus rotundus	3	10000.0
Cytisus scoparius	1	
Daemonorops draco	1	
Datura innoxia	1	
Daucus carota	2	820.0
Dendroseris neriifolia	1	
Dichrostachys glomerata	1	
Dicoma tomentosa	1	
Digitalis purpurea	1	
Dillenia scabrella	1	
Dillenia retusa	1	
Dillenia pentagyna	1	
Dillenia indica	1	
Dillenia bracteata	1	
Dillenia aurea	1	
Dillenia anhamanica	1	
Dionaea muscipula	1	
Diospyros zenkeri	1	
Diospyros wallichii	1	
Diospyros walkeri	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Diospyros virginiana	1	
Diospyros verrucosa	1	
Diospyros tomentosa	1	
Diospyros thwaitesii	1	
Diospyros sylvatica	1	
Diospyros sumatrana	1	
Diospyros spinescens	1	
Diospyros singaporensis	1	
Diospyros siderophylla	1	
Diospyros siamensis	1	
Diospyros siamang	1	
Diospyros sanza-minika	1	
Diospyros quaesita	1	
Diospyros perigrina	1	
Diospyros natalensis	1	
Diospyros morrisiana	1	
Diospyros moonii	1	
Diospyros montana	1	
Diospyros monbuttensis	1	
Diospyros mollis	1	
Diospyros mespiliformis	1	
Diospyros melanoxylon	1	
Diospyros maritima	1	
Diospyros mannii	1	
Diospyros malanonilau	1	
Diospyros maingayi	1	
Diospyros mafiensis	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Diospyros lotus	1	
Diospyros longiflora	1	
Diospyros leucomelas	1	
Diospyros kamerunensis	1	
Diospyros kaki	1	
Diospyros japonica	1	
Diospyros iturensis	1	
Diospyros ismailii	1	
Diospyros hoyleana	1	
Diospyros hirsuta	1	
Diospyros greenwayi	1	
Diospyros gracilescens	1	
Diospyros gabunensis	1	
Diospyros fragrans	1	
Diospyros ferrea	1	
Diospyros eriantha	1	
Diospyros ebum	1	
Diospyros discolour	1	
Diospyros derra	1	
Diospyros dendo	1	
Diospyros crassiflora	1	
Diospyros consolatae	1	
Diospyros cinnabarina	1	
Diospyros chevalieri	1	
Diospyros celebica	1	
Diospyros canaliculata	1	
Diospyros buxifolia	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Diospyros argentea	1	
Diospyros abyssinica	1	
Dipterocarpus zeylanicus	1	
Dipterocarpus insignis	1	
Dipterocarpus hispidus	1	
Dipterocarpus glandulosus	1	
Discaria longispina	1	
Dodonaea viscosa	1	
Drimys winteri	1	
Duboisia myoporoides	1	
Duchesnea indica	2	
Echinacea spp	2	24.0
Echinacea purpurea	1	
Echinacea angustifolia	1	
Echinops niveus	1	
Echinops echinatus	1	
Ehretia laevis	1	
Elaeagnus pungens	2	
Elaeagnus angustifolia	3	
Eleutherococcus senticosus	2	
Elsholtzia polystachya	3	
Elsholtzia pilosa	2	
Elsholtzia cristata	1	
Enterolobium cyclocarpum	1	
Ephedra sinica	1	
Ephedra gerardiana	1	
Epilobium rosmarinifolium	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Equisetum arvense</i>	1	
<i>Eriobotrya japonica</i>	3	
<i>Erythrospermum zeylanicum</i>	1	
<i>Eschscholzia californica</i>	1	
<i>Eucalyptus viridis</i>	5	
<i>Eucalyptus tetraptera</i>	3	
<i>Eucalyptus tereticornis</i>	2	
<i>Eucalyptus stoatei</i>	3	
<i>Eucalyptus sparsa</i>	4	
<i>Eucalyptus sideroxylon</i>	2	
<i>Eucalyptus siderophloia</i>	2	
<i>Eucalyptus saligna</i>	2	
<i>Eucalyptus punctata</i>	2	
<i>Eucalyptus porosa</i>	4	
<i>Eucalyptus populnea</i>	5	
<i>Eucalyptus polyanthemos</i>	2	
<i>Eucalyptus paniculata</i>	2	
<i>Eucalyptus oviformis</i>	2	
<i>Eucalyptus odorata</i>	5	
<i>Eucalyptus ochrophloia</i>	4	
<i>Eucalyptus occidentalis</i>	2	
<i>Eucalyptus nova-anglica</i>	2	
<i>Eucalyptus moluccana</i>	2	
<i>Eucalyptus melliodora</i>	2	
<i>Eucalyptus melanophloia</i>	5	
<i>Eucalyptus maideni</i>	2	
<i>Eucalyptus maculata</i>	2	

Plants with Activity Synergy	Chemical Count	Total PPM
Eucalyptus leucoxydon	5	
Eucalyptus largisparsa	5	
Eucalyptus lansdowneana	5	
Eucalyptus intertexta	5	
Eucalyptus incrassata	3	
Eucalyptus grandis	1	
Eucalyptus globulus	6	
Eucalyptus forrestiana	3	
Eucalyptus fasciculosa	5	
Eucalyptus erythrandra	3	
Eucalyptus dolichorhyncha	3	
Eucalyptus diversicolor	2	
Eucalyptus desquamata	5	
Eucalyptus dealbata	2	
Eucalyptus cuprea	5	
Eucalyptus cladocalyx	2	
Eucalyptus citriodora	5	
Eucalyptus ceratocorys	3	
Eucalyptus camaldulensis	2	
Eucalyptus bridgesiana	1	
Eucalyptus brassiana	1	
Eucalyptus botryoides	2	
Eucalyptus bosistoana	2	
Eucalyptus blakelyi	2	
Eucalyptus behriana	5	
Eucalyptus astringens	2	
Eucalyptus angulosa	3	

Plants with Activity Synergy	Chemical Count	Total PPM
Eucalyptus albens	2	
Euclea natalensis	1	
Eucommia ulmoides	2	
Eugenia wallichii	1	
Eugenia jambolana	1	
Eugenia fruticosa	1	
Eupatorium triplinerve	1	
Eupatorium perfoliatum	1	
Euphorbia tirucalli	1	
Euphorbia lathyris	1	
Euphorbia hirta	2	
Euphrasia officinalis	1	
Euptelea polyandra	1	
Eurya japonica	1	
Eurya acuminata	1	
Fagonia indica	1	
Fagopyrum esculentum	1	
Fagus taurica	1	
Ficus thunbergii	1	
Ficus carica	2	
Filipendula ulmaria	1	
Foeniculum vulgare	1	
Formosia benthamiana	1	
Forsythia viridissima	1	
Forsythia suspensa	4	
Fragaria spp	2	124760.0
Galega officinalis	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Gaultheria procumbens	1	
Gaultheria fragrantissima	1	
Geranium thunbergii	2	
Ginkgo biloba	1	
Givotia rottleriformis	1	
Glechoma hederacea	3	1054.0
Glycine max	2	120.0
Glycyrrhiza uralensis	3	
Glycyrrhiza squamulosa	1	
Glycyrrhiza glabra	4	
Gochnatia blanchetiana	1	
Gossypium sp	2	19000.0
Gratifolia officianalis	1	
Guazuma tomentosa	1	
Gypsophila struthium	1	
Haematoxylum campechianum	1	
Hamamelis virginiana	1	
Harpagophytum procumbens	2	
Hedera helix	1	
Heimia salicifolia	1	
Helianthus annuus	4	1240.0
Helichrysum angustifolium	1	
Herpestis monniera	1	
Hibiscus rosa-sinensis	1	
Hibiscus mutabilis	1	
Hippeastrum vittatum	1	
Hippophae rhamnoides	1	



Plants with Activity Synergy	Chemical Count	Total PPM
Hoffmannia strigillosa	1	
Holarrhena pubescens	2	
Hopea jucunda	1	
Hopea cordifolia	1	
Hopea brevipetiolaris	1	
Houttuynia cordata	1	
Humulus lupulus	6	2700.0
Hydnocarpus wightiana	1	
Hydnocarpus venenata	1	
Hydrangea arborescens	1	
Hydrastis canadensis	3	180000.0
Hypericum perforatum	4	
Hypericum patulum	1	
Hypericum elatum	1	
Hypericum androsaemum	1	
Hyptis suaveolens	1	
Hyptis emoryi	1	
Hyptis capitata	1	
Hyptis albida	1	
Hyssopus officinalis	5	11220.0
Ilex paraguariensis	1	
Inga punctata	1	
Inula helenium	1	
Ipomoea batatas	1	
Iris missouriensis	1	
Isatis tinctoria	1	
Jacaranda caucana	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Jasminum sambac	1	
Juglans regia	4	
Juglans nigra	3	
Juniperus communis	6	688.0
Jussiaea suffruticosa	1	
Kalanchoe spathulata	1	
Kalanchoe pinnata	1	
Kayea stylosa	1	
Lactuca sativa	1	
Lagerstroemia indica	1	
Lantana camara	1	
Laurus nobilis	5	
Lavandula x hybrida	2	
Lavandula spica	1	
Lavandula latifolia	2	47800.0
Lavandula angustifolia	1	14000.0
Lawsonia inermis	1	
Ledum palustre	1	
Lemaireocereus stellatus	1	
Lemaireocereus quevedonis	1	
Lemaireocereus hystrix	1	
Lemaireocereus griseus	1	
Leonurus cardiaca	3	
Lepechinia glomerata	1	
Lepechinia chamaedryoides	1	
Lepechinia caulescens	1	
Leptospermum scoparium	2	

Plants with Activity Synergy	Chemical Count	Total PPM
Leptospermum ericoides	1	
Lespedeza davidii	1	
Levisticum officinale	3	400.0
Ligustrum lucidum	3	
Ligustrum japonicum	3	
Limnophila rugosa	1	
Limonia acidissima	1	
Lippia dulcis	1	
Liquidambar styraciflua	2	
Liquidambar orientalis	1	
Lithocarpus polystachya	1	
Lithocarpus attenuata	1	
Ludwigia perennis	1	
Ludwigia parviflora	1	
Ludwigia adscendens	1	
Luffa aegyptiaca	1	
Luisia indivisa	1	
Lycium chinense	1	
Lycopersicon esculentum	1	
Lycopus virginicus	1	
Lycopus lucidus	1	
Lycopus europeus	2	
Lycoris squamigera	1	
Lycoris radiata	1	
Lythrum salicaria	1	
Machaerocereus gummosus	1	
Macleaya cordata	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Maclura pomifera	1	
Madhuca nerifolia	1	
Madhuca microphylla	1	
Magnolia officinalis	1	
Magnolia kobus	1	
Magnolia denudata	2	
Mahonia siamensis	2	
Mahonia repens	3	
Mahonia philipinensis	2	
Mahonia nervosa	1	
Mahonia japonica	2	
Mahonia gracilipes	2	
Mahonia fortunei	2	
Mahonia fargesii	2	
Mahonia bealei	1	
Mahonia aquifolium	4	
Malus domestica	2	526.0
Mangifera indica	1	
Maranta arundinacea	1	
Marrubium vulgare	2	2400.0
Matricaria recutita	3	
Maytenus canariensis	1	
Maytenus aquifolium	1	
Medicago sativa	1	
Melaleuca leucadendron	1	
Melaleuca leucadendra	3	
Melaleuca alternifolia	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Melanoxylon brauna	1	
Melia azedarach	3	
Melilotus officinalis	2	
Melissa officinalis	3	
Menispermum canadense	1	
Mentha x rotundifolia	2	
Mentha x piperita	2	10.04
Mentha spicata	4	
Mentha longifolia	2	270.0
Menyanthes trifoliata	2	16000.0
Mesua myrtifolia	1	
Mesua ferrea	1	
Metrosideros sclerocarpa	3	
Metrosideros excelsa	1	
Micromeria varia	3	
Mimusops littoralis	1	
Mitrephora heyneana	1	
Monarda didyma	1	
Morinda citrifolia	3	
Moringa oleifera	1	
Morus serrata	1	
Morus alba	2	
Murraya koenigii	2	
Musa x paradisiaca	1	
Myrciaria dubia	2	
Myristica fragrans	2	
Myroxylon balsamum	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Myrtus communis	5	24.0
Nandina domestica	2	
Narcissus tazetta	1	
Nelumbo nucifera	1	
Nepeta racemosa	3	
Nepeta cataria	1	
Nerium oleander	4	86000.0
Neurolaena lobata	2	
Newcastelia viscida	1	
Nicotiana tabacum	1	
Nuytsia floribunda	1	
Nymphoides peltatum	1	
Ocimum tenuiflorum	2	
Ocimum suave	1	
Ocimum gratissimum	2	
Ocimum canum	3	
Ocimum basilicum	5	7896.0
Ocimum americanum	1	
Oenothera biennis	2	414000.0
Olea europaea	2	
Ononis spinosa	1	
Origanum vulgare	3	6200.0
Origanum onites	1	
Origanum majorana	2	13600.0
Origanum compactum	1	
Paeonia suffruticosa	1	
Paeonia moutan	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Paeonia lactiflora</i>	1	
<i>Paeonia japonica</i>	1	
<i>Palaquium grande</i>	1	
<i>Panax quinquefolius</i>	3	
<i>Panax notoginseng</i>	1	
<i>Panax japonicus</i>	1	
<i>Panax ginseng</i>	3	
<i>Pancratium maritimum</i>	1	
<i>Papaver somniferum</i>	1	
<i>Passiflora incarnata</i>	1	
<i>Pastinaca sativa</i>	1	
<i>Pausinystalia johimbe</i>	4	
<i>Pedicularis longiflora</i>	1	
<i>Pelargonium citrosum</i>	1	
<i>Perilla frutescens</i>	1	
<i>Persea americana</i>	1	
<i>Petasites hybridus</i>	1	
<i>Petroselinum crispum</i>	2	3.36
<i>Peumus boldus</i>	3	
<i>Phellodendron amurense</i>	2	20000.0
<i>Phoenix dactylifera</i>	1	
<i>Phoradendron juniperinum</i>	1	
<i>Phyllanthus reticulatus</i>	1	
<i>Phyllanthus niruri</i>	1	
<i>Phyllanthus emblica</i>	2	
<i>Phyllanthus discoideus</i>	1	
<i>Phytolacca americana</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Picramnia sellowii	1	
Pilocarpus microphyllus	1	200.0
Pimenta dioica	2	90.0
Pimpinella anisum	1	
Pinus sylvestris	2	
Pinus mugo	1	
Piper nigrum	7	240000.0
Piper cubeba	1	
Piper auritum	1	
Pistacia lentiscus	2	
Plantago major	2	
Plantago asiatica	1	
Platanus vulgaris	1	
Platanus orientalis	1	
Platanus occidentalis	1	
Platanus acerifolia	1	
Platanus accrifolia	1	
Plectranthus urticifolius	1	
Plectranthus amboinicus	2	
Plumeria obtusa	1	
Plumeria acutifolia	1	
Podophyllum pleianthum	1	
Podophyllum peltatum	2	100000.0
Podophyllum hexandrum	2	
Pogostemon cablin	1	
Polianthes tuberosa	1	
Polygonum plebeium	1	



Plants with Activity Synergy	Chemical Count	Total PPM
Polygonum multiflorum	1	
Polygonum hydropiperoides	1	
Polygonum hydropiper	2	
Polygonum aviculare	1	
Pongamia pinnata	1	
Populus tacamahacca	2	
Populus balsamifera	1	
Pouteria torta	1	
Prosopis juliflora	1	
Prosopis glandulosa	2	
Prunella vulgaris	4	
Prunus spinosa	1	
Prunus serotina	2	
Prunus persica	2	
Prunus laurocerasus	2	20000.0
Prunus dulcis	1	
Prunus domestica	1	
Prunus cerasus	3	
Prunus armeniaca	1	
Prunus africana	2	
Psidium guajava	6	16000.0
Psidium cattleianum	2	
Psophocarpus tetragonolobus	1	
Psychotria adenophylla	1	
Pteridium aquilinum	1	
Pueraria montana	1	
Punica granatum	6	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Putoria calabrica</i>	1	
<i>Pygeum acuminatum</i>	1	
<i>Pyrus communis</i>	2	56.0
<i>Quercus velutina</i>	1	
<i>Quercus suber</i>	1	
<i>Quercus rubra</i>	1	
<i>Quercus robur</i>	1	
<i>Quercus myrsinaefolia</i>	1	
<i>Quercus infectoria</i>	2	
<i>Quercus championi</i>	1	
<i>Quercus bambusaefolia</i>	1	
<i>Quercus alba</i>	1	
<i>Quisqualis indica</i>	1	
<i>Rauvolfia vomitoria</i>	1	
<i>Rauvolfia tetraphylla</i>	1	
<i>Rauvolfia serpentina</i>	1	
<i>Rhododendron ponticum</i>	1	
<i>Rhododendron grande</i>	1	
<i>Rhododendron ferrugineum</i>	1	
<i>Rhododendron falconeri</i>	1	
<i>Rhododendron dauricum</i>	2	
<i>Rhododendron arboreum</i>	1	
<i>Rhodomyrtus tomentosa</i>	1	
<i>Rhus toxicodendron</i>	1	
<i>Rhus coriaria</i>	2	
<i>Ribes nigrum</i>	2	8.0
<i>Ricinus communis</i>	2	

Plants with Activity Synergy	Chemical Count	Total PPM
Rosa woodsii	2	
Rosa spp	1	
Rosa davurica	1	
Rosa damascena	1	
Rosmarinus officinalis	6	103076.0
Rotala floribunda	1	
Rubus idaeus	2	
Rubus fruticosus	1	
Rumex crispus	1	
Rumex acetosa	1	
Ruta graveolens	1	
Salix alba	1	
Salvia triloba	3	159400.0
Salvia sclarea	2	
Salvia officinalis	3	5372.0
Salvia nicolsoniana	1	
Salvia mexicana	1	
Salvia longistyla	1	
Salvia farinacea	1	
Salvia dorisiana	2	
Sambucus racemosa	1	
Sambucus nigra	4	
Sambucus canadensis	2	
Sanguinaria canadensis	1	
Sanguisorba officinalis	3	
Sanguisorba minor	1	
Sarracenia flava	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Sassafras albidum	2	
Satureja montana	2	32000.0
Satureja hortensis	2	6600.0
Schefflera venulosa	1	
Schefflera species	1	
Schefflera octophylla	1	
Schinus terebinthifolius	1	
Schinus molle	1	
Schleichera oleosa	1	
Schrebera swietenoides	1	
Scirpus tuberosus	1	
Scirpus fluviatilis	1	
Scoparia dulcis	1	
Scutellaria lateriflora	1	
Senna occidentalis	1	
Senna lindheimeriana	1	
Shorea zeylanica	1	
Shorea trapezifolia	1	
Shorea stipularvis	1	
Shorea ovalifolia	1	
Shorea oblongifolia	1	
Shorea magistophylla	1	
Shorea dyerii	1	
Shorea congestiflora	1	
Shorea affinis	1	
Sideritis scardica	2	
Silybum marianum	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Simaba multiflora	1	
Simarouba glauca	1	
Solanum tuberosum	1	
Solanum laciniatum	1	
Solanum aviculare	1	
Solidago virgaurea	1	
Solidago gigantea	1	
Sophora japonica	2	
Sorbus aucubaria	2	
Sorocea bonplandii	1	
Spartium junceum	1	
Spinacia oleracea	1	38.0
Spondianthus preussii	1	
Stemonoporus reticulatus	1	
Stemonoporus petiolaris	1	
Stemonoporus oblongifolius	1	
Stemonoporus cordifolius	1	
Stemonoporus canaliculatus	1	
Stemonoporus affinis	1	
Stephania tetrandra	1	
Stephania japonica	1	
Stephania glabra	2	
Stevia rebaudiana	3	
Strychnos nux-vomica	3	1940.0
Symplocos racemosa	1	
Syncarpia laurifolia	1	
Syncarpia glomulifera	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Syringa vulgaris	1	
Syzygium claviflorum	1	
Syzygium cumini	1	
Syzygium claviflorum	3	
Syzygium aromaticum	4	40000.0
Tabebuia impetiginosa	1	
Tabernanthe iboga	1	
Tacca aspera	1	
Tagetes patula	2	
Tagetes minuta	1	
Tagetes lucida	2	
Talguenea quinquenervis	1	
Tanacetum vulgare	1	
Taraxacum officinale	1	
Tectona grandis	1	
Tephrosia purpurea	1	
Terminalia pallida	2	
Terminalia ivorensis	2	
Terminalia chebula	3	
Terminalia catappa	5	
Terminalia bellirica	2	
Terminalia arjuna	3	
Terminalia alata	1	
Ternstroemia gymnanthera	2	
Ternstroemia merrilliana	1	
Tetracera scandens	1	
Tetracera sarmentosa	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Tetracera indica	1	
Tetracera akara	1	
Teucrium scorodonia	1	
Teucrium scordium	2	
Teucrium polium	3	
Teucrium montanum	1	
Teucrium micropodioides	3	
Teucrium kotschyanum	3	
Teucrium gnaphalodes	2	
Teucrium divaricatum	3	
Teucrium cyprium	3	
Teucrium chamaedrys	1	
Teucrium botrys	1	
Teucrium arduini	1	
Theobroma cacao	1	
Thespesia populnea	2	
Thevetia peruviana	2	
Thymus zygis	1	
Thymus vulgaris	2	50200.0
Thymus serpyllum	2	27800.0
Thymus saturejoides	1	
Thymus mastichina	1	150.0
Thymus longicaulis	1	
Thymus funkii	3	
Thymus cilicicus	3	
Thymus capitatus	1	
Thymus broussonettii	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Tilia sp.	1	
Tovomita pyrifolia	1	
Tovomita mangle	1	
Tovomita excelsa	1	
Tovomita brasiliensis	1	
Triadenum japonicum	1	
Tribulus terrestris	1	
Tridax procumbens	1	
Trifolium pratense	2	
Trigonella foenum-graecum	1	
Tripterygium wilfordiim	1	
Triticum aestivum	1	
Tussilago farfara	1	
Umbellularia californica	1	80.0
Uncaria tomentosa	3	
Uncaria guianensis	1	
Uncaria catechu	2	
Urginea maritima	1	
Urtica dioica	3	
Uvaria sp.	2	
Vaccinium vitis-idaea	2	15000.0
Vaccinium myrtillus	3	5000.0
Vaccinium macrocarpon	3	500.0
Vaccinium corymbosum	4	
Valeriana officinalis	2	
Vatica affinis	1	
Vauquelinia corymbosa	1	



Plants with Activity Synergy	Chemical Count	Total PPM
Vellozia declinans	1	
Verbascum thapsus	1	
Verbena officinalis	1	
Viburnum prunifolium	2	
Viburnum opulus	2	
Vigna radiata	1	
Vinca minor	1	100800.0
Viola tricolor	1	
Viola odorata	1	
Viscum articulatum	1	
Viscum album	2	
Vismia micrantha	1	
Vismia cayennensis	1	
Vitex agnus-castus	1	
Vitis vinifera	5	
Wisteria floribunda	1	
Withania somnifera	1	
Woodfordia floribunda	1	
Wormia triquetra	1	
Wormia burbidgei	1	
Xanthorhiza simplicissima	4	
Xylopi aethiopica	1	
Zanthoxylum clava-herculis	1	
Zanthoxylum americanum	1	
Zanthoxylum alatum	1	
Zea mays	2	
Zingiber officinale	5	60.0

Plants with Activity Synergy	Chemical Count	Total PPM
Ziziphus joazeiro	1	
Zizyphus xylopyra	1	
Zizyphus vulgaris	1	
Zizyphus trinervia	1	
Zizyphus spina-christi	1	
Zizyphus rugosa	1	
Zizyphus oenoplia	1	
Zizyphus nummularia	1	
Zizyphus mauritiana	1	
Zizyphus jujuba	3	