

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

**List of Plants for Narcotic**

| Plants with Activity Synergy          | Chemical Count | Total PPM |
|---------------------------------------|----------------|-----------|
| <i>Abelmoschus esculentus</i>         | 1              |           |
| <i>Acacia farnesiana</i>              | 3              |           |
| <i>Achillea millefolium</i>           | 1              |           |
| <i>Acinos suaveolens</i>              | 1              |           |
| <i>Acorus calamus</i>                 | 1              | 2050.0    |
| <i>Agastache foeniculum</i>           | 1              |           |
| <i>Ageratum conyzoides</i>            | 1              |           |
| <i>Aloe vera</i>                      | 1              |           |
| <i>Althaea officinalis</i>            | 1              |           |
| <i>Ammi visnaga</i>                   | 1              |           |
| <i>Anacardium occidentale</i>         | 1              |           |
| <i>Ananas comosus</i>                 | 2              |           |
| <i>Annona squamosa</i>                | 1              |           |
| <i>Apium graveolens</i>               | 1              |           |
| <i>Arctium lappa</i>                  | 2              |           |
| <i>Argemone mexicana</i>              | 2              |           |
| <i>Artemisia vulgaris</i>             | 1              |           |
| <i>Artemisia dracunculus</i>          | 2              | 5800.0    |
| <i>Artemisia capillaris</i>           | 2              |           |
| <i>Artemisia annua</i>                | 1              |           |
| <i>Asarum canadense</i>               | 1              |           |
| <i>Asiasarum sieboldii</i>            | 1              |           |
| <i>Asiasarum heterotropoides</i>      | 1              |           |
| <i>Asimina triloba</i>                | 1              |           |
| <i>Astragalus membranaceus</i>        | 1              |           |
| <i>Avena sativa</i>                   | 1              |           |
| <i>Brassica oleracea var. italica</i> | 1              |           |

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|------------------------------------|----------------|-----------|
| Brassica oleracea var. capitata l. | 1              |           |
| Brassica oleracea var. botrytis l. | 1              |           |
| Brassica oleracea                  | 1              | 0.04      |
| Calamintha nepeta                  | 1              |           |
| Callicarpa americana               | 1              |           |
| Camellia sinensis                  | 4              | 4600.0    |
| Cananga odorata                    | 2              |           |
| Cannabis sativa                    | 1              |           |
| Capparis spinosa                   | 1              |           |
| Capsicum frutescens                | 2              |           |
| Capsicum annuum                    | 2              | 1000.0    |
| Carica papaya                      | 4              |           |
| Carthamus tinctorius               | 1              | 0.28      |
| Catha edulis                       | 2              | 8400.0    |
| Chrysanthemum x morifolium         | 1              |           |
| Chrysanthemum parthenium           | 1              |           |
| Cichorium intybus                  | 1              |           |
| Cinnamomum verum                   | 4              | 736.0     |
| Cinnamomum camphora                | 1              |           |
| Cinnamomum aromaticum              | 4              |           |
| Cistus ladaniferus                 | 1              | 3920.0    |
| Citrullus lanatus                  | 1              |           |
| Citrullus colocynthis              | 1              |           |
| Citrus aurantium                   | 1              |           |
| Cnicus benedictus                  | 2              |           |
| Corydalis spp                      | 2              |           |
| Cucumis melo                       | 2              |           |

| Plants with Activity Synergy | Chemical Count | Total PPM |
|------------------------------|----------------|-----------|
| Cuminum cyminum              | 1              |           |
| Cymbopogon winterianus       | 3              | 120.0     |
| Cymbopogon nardus            | 1              | 408.0     |
| Cymbopogon flexuosus         | 1              | 2000.0    |
| Cymbopogon citratus          | 1              |           |
| Datura stramonium            | 1              |           |
| Daucus carota                | 2              |           |
| Dipteryx odorata             | 1              | 70000.0   |
| Elsholtzia polystachya       | 1              |           |
| Elsholtzia blanda            | 1              |           |
| Ephedra sinica               | 4              |           |
| Eriobotrya japonica          | 1              |           |
| Eruca sativa                 | 2              |           |
| Erythroxylum ulei            | 1              |           |
| Erythroxylum steyermarkii    | 1              |           |
| Erythroxylum sp.             | 1              |           |
| Erythroxylum shatoni         | 1              |           |
| Erythroxylum rotundifolium   | 1              |           |
| Erythroxylum recurrens       | 1              |           |
| Erythroxylum pulchrum        | 1              |           |
| Erythroxylum pelleterianum   | 1              |           |
| Erythroxylum panamense       | 1              |           |
| Erythroxylum novogranatense  | 1              |           |
| Erythroxylum monogynum       | 1              |           |
| Erythroxylum mamacoca        | 1              |           |
| Erythroxylum lucidum         | 1              |           |
| Erythroxylum incrassatum     | 1              |           |

| Plants with Activity Synergy | Chemical Count | Total PPM |
|------------------------------|----------------|-----------|
| Erythroxyllum impressum      | 1              |           |
| Erythroxyllum gracilipes     | 1              |           |
| Erythroxyllum glaucum        | 1              |           |
| Erythroxyllum fimbriatum     | 1              |           |
| Erythroxyllum deciduum       | 1              |           |
| Erythroxyllum cumanense      | 1              |           |
| Erythroxyllum coca           | 1              |           |
| Erythroxyllum cataractarum   | 1              |           |
| Erythroxyllum campestre      | 1              |           |
| Erythroxyllum brownianum     | 1              |           |
| Erythroxyllum areolatum      | 1              |           |
| Erythroxyllum amazonicum     | 1              |           |
| Eschscholzia californica     | 3              |           |
| Eucalyptus tereticornis      | 1              |           |
| Eucalyptus sideroxylon       | 1              |           |
| Eucalyptus siderophloia      | 1              |           |
| Eucalyptus saligna           | 1              |           |
| Eucalyptus punctata          | 1              |           |
| Eucalyptus polyanthemos      | 1              |           |
| Eucalyptus oviformis         | 1              |           |
| Eucalyptus occidentalis      | 1              |           |
| Eucalyptus moluccana         | 1              |           |
| Eucalyptus melliodora        | 1              |           |
| Eucalyptus maideni           | 1              |           |
| Eucalyptus maculata          | 1              |           |
| Eucalyptus globulus          | 2              |           |
| Eucalyptus diversicolor      | 1              |           |

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|------------------------------|----------------|-----------|
| Eucalyptus dealbata          | 1              |           |
| Eucalyptus cladocalyx        | 1              |           |
| Eucalyptus citriodora        | 1              |           |
| Eucalyptus camaldulensis     | 1              |           |
| Eucalyptus brassiana         | 1              |           |
| Eucalyptus botryoides        | 1              |           |
| Eucalyptus bosistoana        | 1              |           |
| Eucalyptus blakelyi          | 1              |           |
| Eucalyptus astringens        | 1              |           |
| Eucalyptus albens            | 1              |           |
| Eupatorium triplinerve       | 1              |           |
| Ferula alliacea              | 1              |           |
| Ficus carica                 | 2              |           |
| Filipendula ulmaria          | 1              |           |
| Forsythia suspensa           | 1              |           |
| Galium odoratum              | 1              | 26000.0   |
| Glaucium flavum              | 1              |           |
| Glycine max                  | 1              |           |
| Glycyrrhiza glabra           | 1              |           |
| Helleborus niger             | 2              |           |
| Hibiscus sabdariffa          | 1              |           |
| Hierochloe odorata           | 1              |           |
| Holarrhena pubescens         | 1              | 26000.0   |
| Hordeum vulgare              | 1              |           |
| Humulus lupulus              | 1              |           |
| Hyacinthus orientalis        | 2              | 72.6      |
| Hyoscyamus niger             | 1              |           |

| Plants with Activity Synergy    | Chemical Count | Total PPM |
|---------------------------------|----------------|-----------|
| <i>Hyssopus officinalis</i>     | 2              | 200.0     |
| <i>Iris x germanica</i>         | 1              |           |
| <i>Jasminum officinale</i>      | 1              |           |
| <i>Juglans nigra</i>            | 1              |           |
| <i>Juniperus virginiana</i>     | 1              |           |
| <i>Justicia pectoralis</i>      | 1              |           |
| <i>Laurus nobilis</i>           | 3              | 5216.0    |
| <i>Lavandula x intermedia</i>   | 2              |           |
| <i>Lavandula latifolia</i>      | 1              | 44.0      |
| <i>Lavandula angustifolia</i>   | 1              | 3000.0    |
| <i>Leonurus cardiaca</i>        | 1              | 2.0       |
| <i>Levisticum officinale</i>    | 1              |           |
| <i>Ligustrum japonicum</i>      | 1              |           |
| <i>Liquidambar styraciflua</i>  | 1              |           |
| <i>Lolium temulentum</i>        | 1              |           |
| <i>Lycopersicon esculentum</i>  | 3              |           |
| <i>Lycopus europeus</i>         | 1              | 2400.0    |
| <i>Mahonia aquifolium</i>       | 1              |           |
| <i>Malus domestica</i>          | 2              |           |
| <i>Melaleuca viridiflora</i>    | 1              |           |
| <i>Melaleuca bracteata</i>      | 1              |           |
| <i>Melilotus officinalis</i>    | 1              | 4000.0    |
| <i>Melissa officinalis</i>      | 2              |           |
| <i>Mentha x piperita</i>        | 1              | 0.4       |
| <i>Mentha spicata</i>           | 2              |           |
| <i>Mentha aquatica</i>          | 1              |           |
| <i>Metrosideros sclerocarpa</i> | 1              |           |

| Plants with Activity Synergy | Chemical Count | Total PPM |
|------------------------------|----------------|-----------|
| Micromeria myrtifolia        | 1              |           |
| Micromeria fruticosa         | 1              |           |
| Morus alba                   | 2              |           |
| Murraya koenigii             | 1              |           |
| Myristica fragrans           | 1              | 1800.0    |
| Myroxylon balsamum           | 3              | 8000.0    |
| Myrtus communis              | 2              | 24.0      |
| Nandina domestica            | 2              |           |
| Narcissus tazetta            | 1              |           |
| Nepeta racemosa              | 1              |           |
| Ocimum tenuiflorum           | 1              |           |
| Ocimum suave                 | 1              |           |
| Ocimum gratissimum           | 2              |           |
| Ocimum canum                 | 1              |           |
| Ocimum basilicum             | 1              | 2800.0    |
| Origanum sipyleum            | 1              |           |
| Origanum onites              | 1              |           |
| Oryza sativa                 | 1              |           |
| Panax ginseng                | 1              |           |
| Papaver somniferum           | 4              | 480938.0  |
| Papaver bracteatum           | 3              | 33612.0   |
| Petasites japonicus          | 1              |           |
| Petiveria alliacea           | 2              |           |
| Petroselinum crispum         | 1              |           |
| Peumus boldus                | 4              | 5377.0    |
| Phoenix dactylifera          | 1              |           |
| Pimenta racemosa             | 1              | 31420.0   |

| Plants with Activity Synergy        | Chemical Count | Total PPM |
|-------------------------------------|----------------|-----------|
| <i>Pimenta dioica</i>               | 2              | 380.0     |
| <i>Piper nigrum</i>                 | 1              |           |
| <i>Pogostemon cablin</i>            | 1              |           |
| <i>Prunus serotina</i>              | 1              |           |
| <i>Prunus persica</i>               | 1              |           |
| <i>Prunus laurocerasus</i>          | 1              | 912.0     |
| <i>Prunus dulcis</i>                | 1              | 16400.0   |
| <i>Prunus cerasus</i>               | 2              | 6.0       |
| <i>Psidium guajava</i>              | 3              |           |
| <i>Psoralea corylifolia</i>         | 1              |           |
| <i>Ptychopetalum olacoides</i>      | 1              |           |
| <i>Pycnanthemum pycnanthemoides</i> | 1              |           |
| <i>Pycnanthemum clinopodioides</i>  | 1              | 176.0     |
| <i>Pyrus communis</i>               | 1              |           |
| <i>Rauvolfia serpentina</i>         | 1              |           |
| <i>Ravensara aromatica</i>          | 1              |           |
| <i>Rheum palmatum</i>               | 2              |           |
| <i>Ribes nigrum</i>                 | 3              |           |
| <i>Robinia pseudoacacia</i>         | 1              |           |
| <i>Rosmarinus officinalis</i>       | 3              |           |
| <i>Rubus idaeus</i>                 | 1              |           |
| <i>Salvia sclarea</i>               | 1              |           |
| <i>Sambucus nigra</i>               | 1              |           |
| <i>Satureja subspicata</i>          | 1              |           |
| <i>Satureja montana</i>             | 1              |           |
| <i>Satureja cuneifolia</i>          | 1              |           |
| <i>Solanum tuberosum</i>            | 3              | 35200.0   |



| Plants with Activity Synergy | Chemical Count | Total PPM |
|------------------------------|----------------|-----------|
| Solanum nigrum               | 1              | 80.0      |
| Solanum melongena            | 1              |           |
| Stevia rebaudiana            | 1              |           |
| Styrax benzoin               | 2              |           |
| Syringa vulgaris             | 2              |           |
| Syzygium aromaticum          | 2              | 680.0     |
| Tagetes lucida               | 1              |           |
| Tanacetum parthenium         | 1              |           |
| Tecoma stans                 | 1              | 160.0     |
| Theobroma cacao              | 2              |           |
| Thymus capitatus             | 1              |           |
| Trifolium pratense           | 2              |           |
| Trigonella foenum-graecum    | 1              |           |
| Trilisa odoratissima         | 1              |           |
| Triticum aestivum            | 1              |           |
| Umbellularia californica     | 2              | 800.0     |
| Urtica dioica                | 1              |           |
| Vaccinium myrtillus          | 1              |           |
| Vaccinium macrocarpon        | 1              |           |
| Vaccinium corymbosum         | 1              |           |
| Vanilla planifolia           | 2              |           |
| Verbascum thapsus            | 1              |           |
| Vitis vinifera               | 1              |           |
| Withania somnifera           | 1              |           |
| Zea mays                     | 2              |           |
| Zingiber officinale          | 3              | 2.0       |
| Zizyphus jujuba              | 1              | 6000.0    |