

**Dr. Duke's Phytochemical and Ethnobotanical Databases****Biological Activities found in *Micromeria fruticosa***

| <b>Activity</b>                  | <b>Chemical Count</b> |
|----------------------------------|-----------------------|
| Vulnerary                        | 1                     |
| Vibriocide                       | 1                     |
| Vermifuge                        | 2                     |
| Vermicide                        | 1                     |
| Vasodilator                      | 1                     |
| Varroacide                       | 2                     |
| Urinary-Antiseptic               | 1                     |
| Ulcerogenic                      | 1                     |
| Tyrosinase-Inhibitor             | 2                     |
| Trypsin-Enhancer                 | 1                     |
| Trichomonistat                   | 1                     |
| Trichomonicide                   | 6                     |
| Transdermal                      | 6                     |
| Tranquilizer                     | 2                     |
| Tracheorelaxant                  | 2                     |
| Toxic                            | 1                     |
| Testosterone-Hydroxylase-Inducer | 1                     |
| Termiticide                      | 4                     |
| Surfactant                       | 1                     |
| Sprout-Inhibitor                 | 1                     |
| Spasmogenic                      | 5                     |
| Sedative                         | 11                    |
| Secretagogue                     | 1                     |
| Rubefacient                      | 2                     |
| Respirapalytic                   | 1                     |
| Refrigerant                      | 1                     |
| Pulmonotoxic                     | 2                     |

| Activity                          | Chemical Count |
|-----------------------------------|----------------|
| Pulifuge                          | 1              |
| Psychoactive                      | 1              |
| Prostaglandin-Synthesis-Inhibitor | 1              |
| Prostaglandin-Inhibitor           | 1              |
| Photosensitizer                   | 1              |
| Pheromone                         | 1              |
| Pesticide                         | 27             |
| Peristaltic                       | 1              |
| Perfumery                         | 22             |
| Perfume                           | 1              |
| Pediculicide                      | 1              |
| P450-Inducer                      | 2              |
| P450-2B1-Inhibitor                | 3              |
| Ozone-Scavenger                   | 1              |
| Ornithine-Decarboxylase-Inhibitor | 1              |
| Nociceptive                       | 1              |
| NO-Genic                          | 1              |
| Neurotoxic                        | 3              |
| Neuropathogenic                   | 1              |
| Neurodepressant                   | 1              |
| Nephrotoxic                       | 1              |
| Nematicide                        | 12             |
| Narcotic                          | 1              |
| Myorelaxant                       | 6              |
| Mutagenic                         | 1              |
| Motor-Depressant                  | 3              |
| Mosquitofuge                      | 1              |

| Activity                | Chemical Count |
|-------------------------|----------------|
| Molluscicide            | 1              |
| Lipolytic               | 1              |
| Laxative                | 1              |
| Larvicide               | 4              |
| Juvabional              | 1              |
| Irritant                | 12             |
| Interleukin-6-Inhibitor | 2              |
| Insectiphile            | 1              |
| Insectifuge             | 17             |
| Insecticide             | 12             |
| Insect-Repellent        | 1              |
| Inhalant                | 1              |
| Inflammatory            | 1              |
| Immunostimulant         | 1              |
| Immunomodulator         | 1              |
| Hypothermic             | 1              |
| Hypotensive             | 1              |
| Hypocholesterolemic?    | 1              |
| Histaminic              | 1              |
| Herbicide               | 9              |
| Hepatotoxic             | 2              |
| Hepatotonic             | 1              |
| Hepatoprotective        | 2              |
| Hallucinogenic          | 1              |
| GST-Inducer             | 1              |
| Gram(-)icide            | 2              |
| Gram(+)icide            | 2              |

| Activity                  | Chemical Count |
|---------------------------|----------------|
| Glutathionalytic          | 1              |
| Gastrosedative            | 1              |
| Gastroprotective          | 1              |
| Gastroirritant            | 1              |
| Fungistat                 | 1              |
| Fungiphilic               | 1              |
| Fungicide                 | 12             |
| FLavor                    | 25             |
| Expectorant               | 7              |
| Enterotoxic               | 1              |
| Enterorelaxant            | 4              |
| Enterocontractant         | 1              |
| Encephalopathic           | 1              |
| Emmenagogue               | 1              |
| Edemagenic                | 1              |
| Diaphoretic               | 1              |
| Detoxicant                | 1              |
| Dermatitigenic            | 3              |
| Deodorant                 | 2              |
| Dentifrice                | 2              |
| Degranulant               | 1              |
| Decongestant?             | 1              |
| Decongestant              | 1              |
| Cytotoxic                 | 1              |
| Cytochrome-P450-Inhibitor | 1              |
| Cytochrome-P450-Inducer   | 1              |
| Cyclooxygenase-Inhibitor  | 2              |

| Activity           | Chemical Count |
|--------------------|----------------|
| Culicide           | 2              |
| COX-2-Inhibitor    | 1              |
| COX-1-Inhibitor    | 1              |
| Counterirritant    | 3              |
| Convulsant         | 2              |
| Congestant         | 1              |
| Coleoptophile      | 1              |
| CNS-Toxic          | 1              |
| CNS-Stimulant      | 3              |
| CNS-Depressant     | 2              |
| Ciliotoxic         | 1              |
| Cicatrizant        | 1              |
| Cholesterolytic    | 1              |
| Choleretic         | 4              |
| Chemopreventive    | 2              |
| Cerebrotoxic       | 2              |
| Carminative        | 4              |
| Carcinogenic?      | 1              |
| Carcinogenic       | 1              |
| Candidistat        | 1              |
| Candidicide        | 10             |
| Cancer-Preventive  | 5              |
| Calcium-Antagonist | 4              |
| Bronchorrhheic     | 1              |
| Bronchoprotectant  | 1              |
| Bronchomucotropic  | 1              |
| Bronchomucolytic   | 1              |

| Activity             | Chemical Count |
|----------------------|----------------|
| Bradycardic          | 1              |
| Avifuge              | 1              |
| Ataxigenic           | 1              |
| Apoptotic            | 1              |
| Apifuge              | 1              |
| Antiyeast            | 1              |
| Antivulvitic         | 1              |
| Antiviral            | 4              |
| Antivaginitic        | 1              |
| Antiulcer            | 3              |
| Antitussive          | 3              |
| Antitumor (Stomach)  | 1              |
| Antitumor (Prostate) | 1              |
| Antitumor (Pancreas) | 1              |
| Antitumor (Colon)    | 1              |
| Antitumor (Breast)   | 1              |
| Antitumor            | 5              |
| Antitrichinosic      | 1              |
| AntiTNF              | 1              |
| Antithromboxane      | 1              |
| Antitartar           | 1              |
| Antistreptococcic    | 3              |
| Antistaphylococcic   | 8              |
| Antispasmodic        | 14             |
| Antisinusitic        | 2              |
| Antiseptic           | 12             |
| Antisalmonella       | 5              |

| Activity                 | Chemical Count |
|--------------------------|----------------|
| Antirhinitic             | 1              |
| Antirheumatic            | 3              |
| Antirheumatalgic         | 1              |
| Antiradicular            | 4              |
| Antipyretic              | 4              |
| Antipruritic             | 1              |
| Antiprostaglandin        | 2              |
| Antiproliferant          | 1              |
| Antipneumonic            | 1              |
| Antiplateque             | 3              |
| Antipharyngitic          | 1              |
| Antiperiodontic          | 1              |
| Antipeptic               | 1              |
| Antioxidant (LDL)        | 2              |
| Antioxidant              | 8              |
| Antiotitic               | 1              |
| Antiodontalgic           | 1              |
| Antiobesity              | 1              |
| Antinociceptive          | 2              |
| Antinitrosating          | 1              |
| Antinitrosaminic         | 3              |
| Antineuritic             | 1              |
| Antineuralgic            | 1              |
| Antimutagenic            | 4              |
| Antimitotic              | 1              |
| Antimetastatic (Stomach) | 1              |
| Antimelanomic            | 2              |

| Activity            | Chemical Count |
|---------------------|----------------|
| Antilymphomic       | 1              |
| Antilithic?         | 1              |
| Antilithic          | 1              |
| Antilisteria        | 2              |
| Antileptic          | 1              |
| Antilaryngitic      | 1              |
| Antikeratotic       | 1              |
| Antiinflammatory    | 11             |
| Antihistaminic      | 3              |
| Antiherpetic        | 2              |
| Antihelicobacter    | 1              |
| Antihalitosis       | 3              |
| Antigenotoxic       | 1              |
| Antiflu             | 3              |
| Antifeedant         | 7              |
| Antifatigue         | 1              |
| Antiandrogenic      | 1              |
| Antiesophagitic     | 1              |
| Antiescherichic     | 3              |
| Antiedemic          | 2              |
| Antidiuretic        | 1              |
| Antidandruff        | 1              |
| Anticonvulsant      | 2              |
| Anticholinesterase? | 1              |
| Anticholinesterase  | 3              |
| Anticatarrh         | 1              |
| Anticariogenic      | 3              |



| Activity                   | Chemical Count |
|----------------------------|----------------|
| Anticancer                 | 3              |
| Antibronchitic             | 4              |
| Antibacterial              | 16             |
| Antibacillus               | 1              |
| Antibacillary              | 2              |
| Antiatherosclerotic        | 2              |
| Antiasthmatic              | 3              |
| Antiarthritic              | 1              |
| Antiarachidonate           | 1              |
| Antialzheimeran?           | 4              |
| Antiallergic               | 3              |
| Antiaggregant              | 4              |
| Antiadenomic               | 1              |
| Antiacne                   | 3              |
| Antiacetylcholinesterase   | 12             |
| Antiacetylcholine          | 1              |
| Anthelmintic               | 3              |
| Ankylostomacide            | 1              |
| Anesthetic                 | 6              |
| Ancylostomicide            | 1              |
| Analgesic                  | 7              |
| Allergenic                 | 10             |
| Allelopathic               | 4              |
| Allelochemic               | 4              |
| Aldose-Reductase-Inhibitor | 4              |
| Addictive                  | 1              |
| AChE-Inhibitor             | 2              |

| Activity         | Chemical Count |
|------------------|----------------|
| ACE-Inhibitor    | 4              |
| Acaricide        | 7              |
| Abortifacient    | 1              |
| (-)-Inotropic    | 2              |
| (-)-Chronotropic | 2              |