

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Biological Activities found in *Chrysanthemum parthenium***

| Activity                     | Chemical Count |
|------------------------------|----------------|
| (-)-Chronotropic             | 3              |
| (-)-Inotropic                | 3              |
| 5-HT-Inhibitor               | 1              |
| 5-Lipoxygenase-Inhibitor     | 1              |
| Acaricide                    | 5              |
| ACE-Inhibitor                | 4              |
| AChE-Inhibitor               | 1              |
| Acidulant                    | 1              |
| Aldose-Reductase-Inhibitor   | 6              |
| Allelochemic                 | 4              |
| Allelopathic                 | 6              |
| Allergenic                   | 12             |
| Amphiglycemic?               | 1              |
| Analgesic                    | 8              |
| Ancylostomicide              | 1              |
| Androgenic?                  | 1              |
| Anesthetic                   | 5              |
| Angiotensin-Receptor-Blocker | 3              |
| Ankylostomacide              | 1              |
| Anorexic                     | 1              |
| Anthelmintic                 | 3              |
| Antiacetylcholine            | 1              |
| Antiacetylcholinesterase     | 6              |
| Antiacne                     | 11             |
| Antiacrodermatitic           | 1              |
| Antiacrodynic                | 1              |
| Antiadenomic                 | 1              |

| Activity             | Chemical Count |
|----------------------|----------------|
| AntiAGE              | 2              |
| Antiaggregant        | 5              |
| Antiaging            | 3              |
| Antiakathisic        | 1              |
| Antialcoholic        | 4              |
| Antiallergic         | 5              |
| Antialopepic         | 1              |
| Antialzheimeran      | 4              |
| Antialzheimeran?     | 3              |
| Antiamblyopic        | 1              |
| Antianemic           | 2              |
| Antianginal          | 2              |
| Antiangiogenic       | 2              |
| Antianorectic        | 2              |
| Antianorexic         | 1              |
| Antianxiety          | 2              |
| Antiarabiflavinotic  | 1              |
| Antiarrhythmic       | 3              |
| Antiartherosclerotic | 1              |
| Antiarthritic        | 9              |
| Antiasthmatic        | 6              |
| Antiatherosclerotic  | 7              |
| Antibacillary        | 1              |
| Antibackache         | 1              |
| Antibacterial        | 18             |
| Antiberiberi         | 1              |
| AntiBPH              | 1              |

| Activity              | Chemical Count |
|-----------------------|----------------|
| Antibronchitic        | 3              |
| Anticancer            | 5              |
| Anticanker            | 3              |
| Anticarcinomic        | 1              |
| Anticardiospasmic     | 1              |
| Anticariogenic        | 4              |
| Anticarpal-Tunnel     | 1              |
| Anticataract          | 6              |
| Anticatarrh           | 1              |
| Anticephalagic        | 2              |
| Anticervicaldysplasic | 3              |
| AntiCFS               | 3              |
| Anticheilitic         | 2              |
| Antichilblain         | 1              |
| Anticholinesterase    | 2              |
| Anticholinesterase?   | 1              |
| Anticirrhotic         | 1              |
| Anticlimacteric       | 4              |
| Anticoeliac           | 1              |
| Anticold              | 2              |
| Anticolitic           | 2              |
| Anticonvulsant        | 2              |
| Anticorneotic         | 1              |
| Anticoronary          | 4              |
| AntiCrohn's           | 2              |
| AntiCTS               | 1              |
| Antidandruff          | 2              |

| Activity            | Chemical Count |
|---------------------|----------------|
| Antidecubitic       | 3              |
| Antideliriant       | 1              |
| Antidementia        | 4              |
| Antidepressant      | 5              |
| Antidermatitic      | 1              |
| Antidiabetic        | 7              |
| Antidiarrheic       | 1              |
| Antidiscotic        | 1              |
| Antidiuretic        | 1              |
| Antidote (Aluminum) | 2              |
| Antidote (Cadmium)  | 2              |
| Antidote (Lead)     | 3              |
| Antidote (Mercury)  | 1              |
| Antidote (Paraquat) | 1              |
| Antidysenteric      | 1              |
| Antidysgeuzic       | 1              |
| Antidyskinetic      | 1              |
| Antidysmenorrheic   | 1              |
| Antidyspeptic       | 1              |
| Antidysphagic       | 1              |
| Antieczemic         | 2              |
| Antiedemic          | 1              |
| Antiemetic          | 1              |
| Antiencephalitic    | 1              |
| Antiencephalopathic | 2              |
| Antiendometriotic   | 2              |
| Antienterotic       | 1              |

| Activity         | Chemical Count |
|------------------|----------------|
| Antiepileptic    | 4              |
| Antiescherichic  | 1              |
| Antiesophagitic  | 1              |
| Antifatigue      | 6              |
| Antifeedant      | 8              |
| Antifibromyalgic | 1              |
| Antifibrositic   | 1              |
| Antifibrotic     | 3              |
| Antiflu          | 3              |
| Antifuruncular   | 1              |
| Antigallstone    | 1              |
| Antigastritic    | 2              |
| Antigastrotic    | 1              |
| Antigingivitic   | 1              |
| Antiglaucomic    | 2              |
| Antiglossitic    | 1              |
| Antiglycosuric   | 1              |
| Antigout         | 1              |
| Antihalitotic    | 2              |
| Antihangover     | 4              |
| Antiheartburn    | 1              |
| Antihelicobacter | 1              |
| Antihemorrhagic  | 1              |
| Antihepatitic    | 1              |
| Antihepatotoxic  | 1              |
| Antiherpetic     | 3              |
| Antiherpetic?    | 1              |

| Activity           | Chemical Count |
|--------------------|----------------|
| Antihistaminic     | 2              |
| AntiHIV            | 2              |
| Antihyperactivity  | 1              |
| Antihyperkeratotic | 1              |
| Antihyperkinetic   | 2              |
| Antihypertensive   | 5              |
| Antihypoglycemic   | 1              |
| Antiichthyotic     | 1              |
| Antiimpotence      | 1              |
| Antiinfective      | 1              |
| Antiinfertility    | 2              |
| Antiinflammatory   | 12             |
| Antiinsomniac      | 3              |
| Antiinsomnic       | 1              |
| Antikeratitic      | 1              |
| Antikeshan         | 1              |
| Antilaryngitic     | 1              |
| Antileptic         | 3              |
| Antileukemic       | 1              |
| Antileukonychic    | 1              |
| Antileukoplakic    | 1              |
| Antileukotriene    | 1              |
| Antilipoperoxidant | 1              |
| Antilithic         | 3              |
| Antilithic?        | 1              |
| Antilupus          | 1              |
| AntiLyme           | 5              |

| Activity                  | Chemical Count |
|---------------------------|----------------|
| Antilymphomic             | 2              |
| Antimaculitic             | 4              |
| Antimastalgic             | 1              |
| Antimastitic              | 1              |
| Antimeasles               | 1              |
| Antimelanomic             | 3              |
| AntiMeniere's             | 1              |
| Antimenopausal            | 4              |
| Antimenorrhagic           | 1              |
| Antimetastatic            | 2              |
| Antimetastatic (Stomach)  | 1              |
| Antimigraine              | 6              |
| Antimitral-valve-prolapse | 1              |
| AntiMS                    | 1              |
| Antimutagenic             | 4              |
| Antimyalgic               | 1              |
| Antimyocarditic           | 1              |
| Antinephrolytic           | 1              |
| Antineuralgic             | 4              |
| Antineuramidase           | 1              |
| Antineurasthenic          | 1              |
| Antineuritic              | 2              |
| Antineuropathic           | 2              |
| Antineurotic              | 1              |
| AntiNF-kB                 | 1              |
| Antinitrosaminic          | 2              |
| Antinitrosic              | 1              |

| Activity           | Chemical Count |
|--------------------|----------------|
| Antinociceptive    | 1              |
| Antinyctalopic     | 1              |
| Antiobesity        | 6              |
| Antionychyotic     | 1              |
| Antiorchitic       | 1              |
| Antiosteoarthritic | 2              |
| Antiosteoporotic   | 7              |
| Antiotitic         | 1              |
| Antiototic         | 1              |
| Antioxidant        | 11             |
| Antioxidant (LDL)  | 2              |
| Antiozenic         | 1              |
| Antipapillomic     | 1              |
| Antiparkinsonian   | 3              |
| Antiparotitic      | 1              |
| Antipellagic       | 2              |
| Antipeptic         | 1              |
| Antiperiodontic    | 1              |
| Antiperiodontitic  | 3              |
| Antipharyngitic    | 1              |
| Antiphotophobic    | 2              |
| Antipityriasic     | 1              |
| Antiplateque       | 5              |
| AntiPMS            | 4              |
| Antipneumonic      | 2              |
| Antipodriac        | 1              |
| Antipoliomyelitic  | 2              |



| Activity           | Chemical Count |
|--------------------|----------------|
| Antiporphyrin      | 1              |
| Antiprolactin      | 1              |
| Antiproliferant    | 3              |
| Antiprostaglandin  | 3              |
| Antiprostatic      | 1              |
| Antipruritic       | 1              |
| Antipsoriac        | 1              |
| Antipyretic        | 2              |
| Antiradicular      | 5              |
| AntiRaynaud's      | 3              |
| Antiretinopathic   | 1              |
| Antiretinotic      | 1              |
| Antirheumatalgic   | 1              |
| Antirheumatic      | 7              |
| Antirhinitic       | 2              |
| Antisalmonella     | 2              |
| Antiscorbutic      | 1              |
| Antiscotomic       | 1              |
| Antisecretory      | 1              |
| Antiseptic         | 14             |
| Antishingles       | 1              |
| Antisilicotic      | 1              |
| Antisinusitic      | 1              |
| Antispare-Tire     | 1              |
| Antispasmodic      | 18             |
| Antispasmophilic   | 1              |
| Antistaphylococcic | 5              |

| Activity             | Chemical Count |
|----------------------|----------------|
| Antistomatitic       | 1              |
| Antistreptococcic    | 3              |
| Antistress           | 4              |
| Antistroke           | 2              |
| Antisyndrome-X       | 6              |
| Antitic              | 1              |
| Antitinnitic         | 1              |
| Antitrichinosic      | 1              |
| Antitriglyceride     | 2              |
| Antitumor            | 8              |
| Antitumor (brain)    | 1              |
| Antitumor (Breast)   | 3              |
| Antitumor (CNS)      | 1              |
| Antitumor (Colon)    | 2              |
| Antitumor (Gastric)  | 1              |
| Antitumor (Lung)     | 3              |
| Antitumor (Pancreas) | 1              |
| Antitumor (Prostate) | 3              |
| Antitumor (Stomach)  | 2              |
| Antitussive          | 4              |
| Antiulcer            | 7              |
| Antiulcerogenic      | 1              |
| Antivaginitic        | 1              |
| Antivertigo          | 1              |
| Antiviral            | 5              |
| Antiviral?           | 1              |
| Antixerophthalmic    | 1              |

| Activity                         | Chemical Count |
|----------------------------------|----------------|
| Antiyeast                        | 1              |
| Anxiolytic                       | 5              |
| AP-1-Inhibitor                   | 1              |
| Apoptotic                        | 3              |
| Asthma-preventive                | 1              |
| Astringent                       | 1              |
| Ataxigenic                       | 1              |
| Attifuge                         | 1              |
| Bacteriostatic                   | 1              |
| Beta-Adrenergic Receptor Blocker | 1              |
| Beta-Blocker                     | 2              |
| Beta-Glucuronidase-Inhibitor     | 1              |
| Bronchoprotectant                | 1              |
| Calcium-Antagonist               | 2              |
| Calcium-Channel-Blocker          | 1              |
| Cancer-Preventive                | 9              |
| Candidicide                      | 9              |
| Candidistat                      | 1              |
| Carcinogenic                     | 1              |
| Cardiomyopathogenic              | 1              |
| Cardioprotective                 | 8              |
| Cardiotoxic                      | 1              |
| Carminative                      | 3              |
| Chemopreventive                  | 2              |
| Choleretic                       | 2              |
| Cholesterolytic                  | 1              |
| Cicatrizant                      | 1              |

| Activity                 | Chemical Count |
|--------------------------|----------------|
| Circulotonic             | 1              |
| CNS-Depressant           | 1              |
| CNS-Stimulant            | 3              |
| CNS-Toxic                | 1              |
| Cold-preventive          | 1              |
| Coleoptophile            | 1              |
| Collagenic               | 2              |
| Colorant                 | 1              |
| Convulsant               | 2              |
| Copper-Antagonist        | 1              |
| Cosmetic                 | 1              |
| Counterirritant          | 3              |
| COX-1-Inhibitor          | 1              |
| COX-2-Inhibitor          | 2              |
| Culicide                 | 1              |
| Cyclooxygenase-Inhibitor | 3              |
| Cytochrome-P450-Inducer  | 2              |
| Cytotoxic                | 2              |
| Decongestant             | 2              |
| Degranulant              | 1              |
| Deliriant                | 1              |
| Dentifrice               | 2              |
| Deodorant                | 3              |
| Depressant               | 1              |
| Dermatitigenic           | 2              |
| Detoxicant               | 2              |
| Detoxicant (Alcohol)     | 1              |

| Activity           | Chemical Count |
|--------------------|----------------|
| Diuretic           | 6              |
| Ecboic             | 1              |
| Edemagenic         | 1              |
| Emetic             | 1              |
| Encephalopathic    | 1              |
| Energizer          | 1              |
| Enterocontractant  | 1              |
| Enterorelaxant     | 2              |
| Enterotoxic        | 1              |
| Epileptigenic      | 1              |
| Ergogenic          | 1              |
| Erythrocytogenic   | 1              |
| Expectorant        | 8              |
| Fibrinolytic       | 1              |
| Fistula-Preventive | 1              |
| FLavor             | 19             |
| Fumigant           | 1              |
| Fungicide          | 11             |
| Fungiphilic        | 1              |
| Fungistat          | 2              |
| Gastroirritant     | 1              |
| Gastroprotective   | 2              |
| Gram(+)icide       | 3              |
| Gram(-)icide       | 2              |
| GST-Inducer        | 1              |
| Hepatoprotective   | 2              |
| Hepatotonic        | 1              |

| Activity                | Chemical Count |
|-------------------------|----------------|
| Hepatotoxic             | 1              |
| Herbicide               | 8              |
| Histaminic              | 1              |
| Hypercalcuric           | 1              |
| Hypertensive            | 1              |
| Hypocholesterolemic     | 6              |
| Hypocholesterolemic?    | 1              |
| Hypoglycemic            | 4              |
| Hypolipidemic           | 1              |
| Hypotensive             | 8              |
| Hypouricemic            | 1              |
| Immunomodulator         | 6              |
| Immunostimulant         | 6              |
| Immunosuppressant       | 1              |
| Inflammatory            | 1              |
| Inhalant                | 1              |
| Insect-Repellent        | 2              |
| Insecticide             | 6              |
| Insectifuge             | 17             |
| Insectiphile            | 1              |
| Insulinogenic           | 3              |
| Interferon-Synergist    | 1              |
| Interferonogenic        | 1              |
| Interleukin-6-Inhibitor | 2              |
| Irritant                | 13             |
| Larvicide               | 3              |
| Laxative                | 4              |

| Activity                          | Chemical Count |
|-----------------------------------|----------------|
| Leptingenic                       | 1              |
| Lipolytic                         | 1              |
| Lithogenic                        | 1              |
| Litholytic                        | 1              |
| Memorigenic                       | 1              |
| Molluscicide                      | 1              |
| Mosquitofuge                      | 1              |
| Motor-Depressant                  | 2              |
| Mucogenic                         | 2              |
| Mucolytic                         | 1              |
| Myorelaxant                       | 6              |
| Narcotic                          | 1              |
| Nematicide                        | 9              |
| Neuroprotective                   | 1              |
| Neurotoxic                        | 1              |
| Neurotransmitter                  | 1              |
| NF-kB-Inhibitor                   | 2              |
| NO-Genic                          | 1              |
| Oculoirritant                     | 1              |
| Ornithine-Decarboxylase-Inhibitor | 2              |
| Osteogenic                        | 1              |
| Ozone-Scavenger                   | 1              |
| P450-2B1-Inhibitor                | 3              |
| P450-Inducer                      | 3              |
| Pediculicide                      | 1              |
| Perfume                           | 1              |
| Perfumery                         | 12             |

| Activity                           | Chemical Count |
|------------------------------------|----------------|
| Peristaltic                        | 1              |
| Pesticide                          | 29             |
| Phagocytotic                       | 1              |
| Pheromone                          | 1              |
| Phospholipase-Inhibitor            | 1              |
| Photosensitizer                    | 1              |
| Polyamine-Synthesis-Inhibitor      | 1              |
| Prooxidant                         | 2              |
| Prostaglandin-Inhibitor            | 1              |
| Prostaglandin-Sparer               | 1              |
| Prostaglandin-Synthetase-Inhibitor | 1              |
| Protein-Kinase-C-Inhibitor         | 1              |
| Renoirritant                       | 1              |
| Respirainhibitor                   | 1              |
| Respirastimulant                   | 1              |
| Rubefacient                        | 2              |
| Secretogogue                       | 1              |
| Sedative                           | 11             |
| Serotoninergic                     | 1              |
| Spasmogenic                        | 5              |
| Spermicide                         | 1              |
| Spermigenic                        | 1              |
| Sprout-Inhibitor                   | 1              |
| Stimulant                          | 1              |
| Surfactant                         | 1              |
| Taenicide                          | 1              |
| Termiticide                        | 2              |



| Activity                         | Chemical Count |
|----------------------------------|----------------|
| Testosterone-Hydroxylase-Inducer | 1              |
| Testosterone-Inducer             | 1              |
| Testosteronigenic                | 1              |
| Thymoprotective                  | 1              |
| Tracheorelaxant                  | 2              |
| Tranquilizer                     | 4              |
| Transdermal                      | 6              |
| Trichomonicide                   | 5              |
| Tyrosinase-Inhibitor             | 2              |
| Ubiquiot                         | 1              |
| Ulcerogenic                      | 1              |
| Uricosuric                       | 1              |
| Urinary-Acidulant                | 1              |
| Urinary-Antiseptic               | 1              |
| Uterorelaxant                    | 1              |
| Varroacide                       | 1              |
| Vasodilator                      | 6              |
| VEGF-Inhibitor                   | 1              |
| Vermicide                        | 1              |
| Vermifuge                        | 1              |
| Verrucolytic                     | 1              |
| Vibriocide                       | 1              |
| Vulnerary                        | 4              |