

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

| Activity                     | Chemical Count |
|------------------------------|----------------|
| (-)-Chronotropic             | 3              |
| (-)-Inotropic                | 3              |
| 5-HT-Inhibitor               | 1              |
| 5-Lipoxygenase-Inhibitor     | 1              |
| Acaricide                    | 7              |
| ACE-Inhibitor                | 5              |
| AChE-Inhibitor               | 1              |
| Acidulant                    | 1              |
| Aldose-Reductase-Inhibitor   | 11             |
| Allelochemic                 | 4              |
| Allelopathic                 | 6              |
| Allergenic                   | 20             |
| Amphiglycemic?               | 1              |
| Analgesic                    | 12             |
| Anaphrodisiac                | 1              |
| Ancylostomicide              | 1              |
| Androgenic                   | 2              |
| Androgenic?                  | 1              |
| Anesthetic                   | 8              |
| Angiogenic                   | 1              |
| Angiotensin-Receptor-Blocker | 3              |
| Ankylostomacide              | 1              |
| Anorexic                     | 2              |
| Anthelmintic                 | 5              |
| Antiacetylcholine            | 1              |
| Antiacetylcholinesterase     | 7              |
| Antiacne                     | 12             |

| Activity             | Chemical Count |
|----------------------|----------------|
| Antiacrodermatitic   | 1              |
| Antiacrodynic        | 1              |
| Antiadenomic         | 2              |
| AntiAGE              | 2              |
| Antiaggregant        | 10             |
| Antiaging            | 3              |
| Antiakathisic        | 1              |
| Antialcoholic        | 4              |
| Antiallergic         | 6              |
| Antialopepic         | 1              |
| Antialzheimeran      | 4              |
| Antialzheimeran?     | 3              |
| Antiamblyopic        | 1              |
| Antiamebic           | 1              |
| Antianaphylactic     | 1              |
| Antiandrogenic       | 1              |
| Antianemic           | 2              |
| Antianginal          | 2              |
| Antiangiogenic       | 3              |
| Antianorectic        | 2              |
| Antianorexic         | 1              |
| Antianxiety          | 2              |
| Antiarabiflavinotic  | 1              |
| Antiarachidonate     | 1              |
| Antiarrhythmic       | 3              |
| Antiartherosclerotic | 1              |
| Antiarthritic        | 9              |

| Activity              | Chemical Count |
|-----------------------|----------------|
| Antiasthmatic         | 7              |
| Antiatherosclerotic   | 7              |
| Antibacillary         | 1              |
| Antibackache          | 1              |
| Antibacterial         | 25             |
| Antiberiberi          | 1              |
| Antibiotic            | 1              |
| AntiBPH               | 1              |
| Antibronchitic        | 3              |
| Anticancer            | 5              |
| Anticancer (Breast)   | 1              |
| Anticancer (Cervix)   | 1              |
| Anticancer (Lung)     | 1              |
| Anticanker            | 3              |
| Anticarcinomic        | 1              |
| Anticardiospasmic     | 1              |
| Anticariogenic        | 6              |
| Anticarpal-Tunnel     | 1              |
| Anticataract          | 6              |
| Anticatarrh           | 1              |
| Anticephalagic        | 2              |
| Anticervicaldysplasic | 3              |
| AntiCFS               | 3              |
| Anticheilitic         | 2              |
| Antichilblain         | 1              |
| Anticholinesterase    | 2              |
| Anticholinesterase?   | 1              |

| Activity            | Chemical Count |
|---------------------|----------------|
| Anticirrhotic       | 1              |
| Anticlimacteric     | 4              |
| Anticoeliac         | 1              |
| Anticold            | 2              |
| Anticolic           | 1              |
| Anticolitic         | 2              |
| Anticonvulsant      | 6              |
| Anticorneotic       | 1              |
| Anticoronary        | 4              |
| AntiCrohn's         | 2              |
| AntiCTS             | 1              |
| Antidandruff        | 2              |
| Antidecubitic       | 3              |
| Antideliriant       | 1              |
| Antidementia        | 4              |
| Antidepressant      | 6              |
| Antidermatitic      | 2              |
| 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              |

| Activity            | Chemical Count |
|---------------------|----------------|
| Antidysgeuzic       | 1              |
| Antidyskinetic      | 1              |
| Antidysmenorrhic    | 1              |
| Antidyspeptic       | 1              |
| Antidysphagic       | 1              |
| Antieczemic         | 2              |
| Antiedemic          | 6              |
| Antiemetic          | 1              |
| Antiencephalitic    | 1              |
| Antiencephalopathic | 2              |
| Antiendometriotic   | 2              |
| Antienterotic       | 1              |
| Antiepileptic       | 4              |
| Antiescherichic     | 1              |
| Antiesophagitic     | 1              |
| Antiestrogenic      | 2              |
| Antifatigue         | 6              |
| Antifeedant         | 15             |
| Antifertility       | 1              |
| Antifibromyalgic    | 1              |
| Antifibrositic      | 1              |
| Antifibrotic        | 3              |
| Antiflu             | 3              |
| Antifuruncular      | 1              |
| Antigallstone       | 1              |
| Antigastritic       | 2              |
| Antigastrotic       | 1              |

| Activity                  | Chemical Count |
|---------------------------|----------------|
| Antigenotoxic             | 1              |
| Antigingivitic            | 1              |
| Antiglaucomic             | 2              |
| Antiglossitic             | 1              |
| Antiglutamaergic          | 1              |
| Antiglycosuric            | 1              |
| Antigonadotrophic         | 2              |
| Antigout                  | 1              |
| Antihalitotic             | 2              |
| Antihangover              | 4              |
| Antiheartburn             | 1              |
| Antihelicobacter          | 1              |
| Antihemorrhagic           | 1              |
| Antihepatitic             | 1              |
| Antihepatotoxic           | 2              |
| Antiherpetic              | 4              |
| Antiherpetic?             | 1              |
| Antihistaminic            | 3              |
| AntiHIV                   | 2              |
| Antihyperactivity         | 1              |
| Antihyperkeratotic        | 1              |
| Antihyperkinetic          | 2              |
| Antihyperlipoproteinaemic | 1              |
| Antihypertensive          | 5              |
| Antihypoglycemic          | 1              |
| Antiichthyotic            | 1              |
| Antiimpotence             | 1              |

| Activity           | Chemical Count |
|--------------------|----------------|
| Antiinfective      | 1              |
| Antiinfertility    | 2              |
| Antiinflammatory   | 21             |
| Antiinsomniac      | 4              |
| Antiinsomnic       | 1              |
| Antikeratitic      | 1              |
| Antikeratotic      | 1              |
| Antikeshan         | 1              |
| Antilaryngitic     | 1              |
| Antileishmanic     | 1              |
| Antileptic         | 3              |
| Antileukemic       | 4              |
| Antileukonychic    | 1              |
| Antileukoplakic    | 1              |
| Antileukotriene    | 1              |
| Antilipoperoxidant | 1              |
| Antilithic         | 3              |
| Antilithic?        | 1              |
| Antilupus          | 1              |
| AntiLyme           | 5              |
| Antilymphocytic    | 1              |
| Antilymphomic      | 4              |
| Antimaculitic      | 4              |
| Antimalarial       | 1              |
| Antimange          | 1              |
| Antimastalgic      | 1              |
| Antimastitic       | 1              |

| Activity                  | Chemical Count |
|---------------------------|----------------|
| Antimeasles               | 1              |
| Antimelanomic             | 3              |
| AntiMeniere's             | 1              |
| Antimenopausal            | 4              |
| Antimenorrhagic           | 1              |
| Antimetastatic            | 2              |
| Antimetastatic (Stomach)  | 1              |
| Antimigraine              | 6              |
| Antimite                  | 1              |
| Antimitotic               | 1              |
| Antimitral-valve-prolapse | 1              |
| AntiMS                    | 1              |
| Antimutagenic             | 9              |
| Antimyalgic               | 1              |
| Antimyocarditic           | 1              |
| Antinephrolytic           | 1              |
| Antineuralgic             | 4              |
| Antineuramidase           | 1              |
| Antineurasthenic          | 1              |
| Antineuritic              | 2              |
| Antineuropathic           | 2              |
| Antineurotic              | 1              |
| AntiNF-kB                 | 1              |
| Antinitrosaminic          | 3              |
| Antinitrosating           | 1              |
| Antinitrosic              | 1              |
| Antinociceptive           | 3              |



| Activity           | Chemical Count |
|--------------------|----------------|
| Antinyctalopic     | 1              |
| Antiobesity        | 6              |
| Antiodontalgic     | 1              |
| Antionychyotic     | 2              |
| Antiophidic        | 2              |
| Antiorchitic       | 1              |
| Antiosteoarthritic | 2              |
| Antiosteoporotic   | 7              |
| Antiotitic         | 1              |
| Antiototic         | 1              |
| Antioxidant        | 18             |
| 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              |

| Activity             | Chemical Count |
|----------------------|----------------|
| Antipoliomyelitic    | 2              |
| Antiporphyric        | 1              |
| Antiprogestational   | 1              |
| Antiprolactin        | 1              |
| Antiproliferant      | 4              |
| Antiprostaglandin    | 5              |
| Antiprostataadenomic | 1              |
| Antiprostatic        | 2              |
| Antipruritic         | 2              |
| Antipsoriac          | 1              |
| Antipyretic          | 4              |
| Antiradicular        | 7              |
| AntiRaynaud's        | 3              |
| Antiretinopathic     | 1              |
| Antiretinotic        | 1              |
| Antirheumatalgic     | 1              |
| Antirheumatic        | 7              |
| Antirhinitic         | 2              |
| Antisalmonella       | 3              |
| Antiscorbatic        | 1              |
| Antiscotomic         | 1              |
| Antisecretory        | 2              |
| Antiseptic           | 18             |
| Antishingles         | 1              |
| Antishock            | 1              |
| Antisilicotic        | 1              |
| Antisinusitic        | 1              |

| Activity             | Chemical Count |
|----------------------|----------------|
| Antispare-Tire       | 1              |
| Antispasmodic        | 23             |
| Antispasmophilic     | 1              |
| Antistaphylococcic   | 8              |
| Antistomatitic       | 1              |
| Antistreptococcic    | 4              |
| Antistress           | 4              |
| Antistroke           | 2              |
| Antisyndrome-X       | 6              |
| Antithromboxane      | 1              |
| Antithyreotropic     | 1              |
| Antitic              | 1              |
| Antitinnitic         | 1              |
| AntiTNF              | 1              |
| Antitrichinosic      | 1              |
| Antitriglyceride     | 2              |
| Antitubercular       | 1              |
| Antitumor            | 15             |
| Antitumor (brain)    | 1              |
| Antitumor (Breast)   | 4              |
| Antitumor (Cervix)   | 1              |
| Antitumor (CNS)      | 1              |
| Antitumor (Colon)    | 2              |
| Antitumor (Gastric)  | 1              |
| Antitumor (Lung)     | 4              |
| Antitumor (Pancreas) | 1              |
| Antitumor (Prostate) | 3              |

| Activity                         | Chemical Count |
|----------------------------------|----------------|
| Antitumor (Stomach)              | 2              |
| Antitussive                      | 4              |
| Antiulcer                        | 9              |
| Antiulcerogenic                  | 1              |
| Antivaginitic                    | 1              |
| Antivertigo                      | 1              |
| Antiviral                        | 9              |
| Antiviral?                       | 1              |
| Antixerophthalmic                | 1              |
| Antiyeast                        | 1              |
| Anxiolytic                       | 6              |
| AP-1-Inhibitor                   | 1              |
| Aphrodisiac                      | 1              |
| Apifuge                          | 1              |
| Apoptotic                        | 4              |
| Artemicide                       | 2              |
| Asthma-preventive                | 1              |
| Astringent                       | 1              |
| Ataxigenic                       | 1              |
| Attifuge                         | 1              |
| Bacteriostatic                   | 1              |
| Barbituate-Synergist             | 1              |
| Beta-Adrenergic Receptor Blocker | 1              |
| Beta-Blocker                     | 2              |
| Beta-Glucuronidase-Inhibitor     | 1              |
| Bronchoprotectant                | 1              |
| Bronchorelaxant                  | 1              |

| Activity                | Chemical Count |
|-------------------------|----------------|
| Calcium-Antagonist      | 5              |
| Calcium-Channel-Blocker | 1              |
| Cancer-Preventive       | 14             |
| Candidicide             | 12             |
| Candidistat             | 2              |
| Carcinogenic            | 1              |
| Carcinogenic?           | 1              |
| Cardiomyopathogenic     | 1              |
| Cardioprotective        | 8              |
| Cardiotoxic             | 1              |
| Carminative             | 5              |
| Caspase-8-Inducer       | 1              |
| Chemopreventive         | 3              |
| Cholagogue              | 1              |
| Choleretic              | 5              |
| Cholesterolytic         | 1              |
| Cicatrizant             | 1              |
| Circulotonic            | 1              |
| CNS-Depressant          | 3              |
| CNS-Stimulant           | 3              |
| CNS-Toxic               | 1              |
| Cold-preventive         | 1              |
| Coleoptophile           | 1              |
| Collagenic              | 2              |
| Colorant                | 1              |
| Contraceptive           | 1              |
| Convulsant              | 2              |

| Activity                  | Chemical Count |
|---------------------------|----------------|
| Copper-Antagonist         | 1              |
| Cosmetic                  | 1              |
| Counterirritant           | 3              |
| COX-1-Inhibitor           | 2              |
| COX-2-Inhibitor           | 4              |
| Culicide                  | 2              |
| Cyclooxygenase-Inhibitor  | 4              |
| Cytochrome-P450-Inducer   | 2              |
| Cytochrome-P450-Inhibitor | 1              |
| Cytotoxic                 | 6              |
| Decongestant              | 2              |
| Degranulant               | 1              |
| Deliriant                 | 1              |
| Dentifrice                | 2              |
| Deodorant                 | 3              |
| Depressant                | 2              |
| Dermal                    | 1              |
| Dermatitigenic            | 5              |
| Detoxicant                | 2              |
| Detoxicant (Alcohol)      | 1              |
| Diuretic                  | 7              |
| Ecbolic                   | 1              |
| Edemagenic                | 1              |
| Emetic                    | 2              |
| Emmenagogue               | 1              |
| Encephalopathic           | 1              |
| Energizer                 | 1              |

| Activity           | Chemical Count |
|--------------------|----------------|
| Enterocontractant  | 1              |
| Enterorelaxant     | 3              |
| Enterotoxic        | 1              |
| Epileptigenic      | 1              |
| Ergogenic          | 1              |
| Erythrocytogenic   | 1              |
| Estrogenic         | 2              |
| Expectorant        | 10             |
| Febrifuge          | 1              |
| Fibrinolytic       | 1              |
| Fistula-Preventive | 1              |
| FLavor             | 25             |
| Fumigant           | 1              |
| Fungicide          | 19             |
| Fungiphilic        | 1              |
| Fungistat          | 2              |
| GABA-nergic        | 2              |
| Gastroirritant     | 1              |
| Gastroprotective   | 3              |
| Gonadotrophic      | 2              |
| Gram(+)icide       | 3              |
| Gram(-)icide       | 2              |
| GST-Inducer        | 1              |
| Hepatoprotective   | 4              |
| Hepatotonic        | 1              |
| Hepatotoxic        | 1              |
| Herbicide          | 9              |

| Activity                | Chemical Count |
|-------------------------|----------------|
| Herbistat               | 1              |
| Histaminic              | 1              |
| Hypercalcuric           | 1              |
| Hyperglycemic           | 1              |
| Hypertensive            | 1              |
| Hypnotic                | 2              |
| Hypocholesterolemic     | 10             |
| Hypocholesterolemic?    | 1              |
| Hypoglycemic            | 6              |
| Hypolipidemic           | 2              |
| Hypotensive             | 9              |
| Hypothermic             | 3              |
| Hypouricemic            | 1              |
| Immunomodulator         | 6              |
| Immunostimulant         | 8              |
| Immunosuppressant       | 1              |
| Inflammatory            | 1              |
| Inhalant                | 1              |
| Insect-Repellent        | 3              |
| Insecticide             | 9              |
| Insectifuge             | 22             |
| Insectiphile            | 2              |
| Insulinogenic           | 3              |
| Interferon-Synergist    | 1              |
| Interferonogenic        | 1              |
| Interleukin-6-Inhibitor | 2              |
| Irritant                | 18             |



| Activity                          | Chemical Count |
|-----------------------------------|----------------|
| Juvabional                        | 1              |
| Larvicide                         | 6              |
| Laxative                          | 5              |
| Leptingenic                       | 1              |
| Lipolytic                         | 1              |
| Lithogenic                        | 1              |
| Litholytic                        | 1              |
| Memorigenic                       | 1              |
| Molluscicide                      | 1              |
| Mosquitocide                      | 1              |
| Mosquitofuge                      | 2              |
| Motor-Depressant                  | 4              |
| Mucogenic                         | 2              |
| Mucolytic                         | 1              |
| Mycobactericide                   | 1              |
| Myorelaxant                       | 7              |
| Narcotic                          | 1              |
| Nematicide                        | 12             |
| Neuroprotective                   | 1              |
| Neurotoxic                        | 2              |
| Neurotransmitter                  | 1              |
| NF-kB-Inhibitor                   | 2              |
| NO-Genic                          | 1              |
| Oculoirritant                     | 1              |
| Ornithine-Decarboxylase-Inhibitor | 2              |
| Osteogenic                        | 1              |
| Ovulant                           | 1              |

| Activity                           | Chemical Count |
|------------------------------------|----------------|
| Ozone-Scavenger                    | 1              |
| P450-2B1-Inhibitor                 | 4              |
| P450-Inducer                       | 3              |
| Pediculicide                       | 1              |
| Perfume                            | 1              |
| Perfumery                          | 18             |
| Peristaltic                        | 1              |
| Pesticide                          | 43             |
| Phagocytotic                       | 1              |
| Pheromone                          | 2              |
| Phospholipase-Inhibitor            | 1              |
| Photosensitizer                    | 1              |
| Polyamine-Synthesis-Inhibitor      | 1              |
| Progesteronigenic                  | 1              |
| Prooxidant                         | 3              |
| Prostaglandin-Inhibitor            | 1              |
| Prostaglandin-Sparer               | 1              |
| Prostaglandin-Synthesis-Inhibitor  | 1              |
| Prostaglandin-Synthetase-Inhibitor | 1              |
| Protein-Kinase-C-Inhibitor         | 1              |
| Protisticide                       | 1              |
| Renoirritant                       | 1              |
| Respirainhibitor                   | 1              |
| Respirastimulant                   | 1              |
| Rubefacient                        | 2              |
| Schistosomicide                    | 1              |
| Secretagogue                       | 2              |

| Activity                         | Chemical Count |
|----------------------------------|----------------|
| Secretolytic                     | 1              |
| Sedative                         | 16             |
| Serotonergic                     | 2              |
| Spasmogenic                      | 5              |
| Spermicide                       | 2              |
| Spermigenic                      | 1              |
| Sprout-Inhibitor                 | 1              |
| Stimulant                        | 1              |
| Surfactant                       | 1              |
| Taenicide                        | 1              |
| Termiticide                      | 3              |
| Termitifuge                      | 2              |
| Testosterone-Hydroxylase-Inducer | 1              |
| Testosterone-Inducer             | 1              |
| Testosteronigenic                | 1              |
| Thymoprotective                  | 1              |
| Thyrotropic                      | 1              |
| Toxic                            | 1              |
| Tracheorelaxant                  | 2              |
| Tranquilizer                     | 4              |
| Tranquilizer?                    | 1              |
| Transdermal                      | 6              |
| Trematodicide                    | 1              |
| Trichomonicide                   | 8              |
| Trichomonistat                   | 1              |
| Trypsin-Enhancer                 | 1              |
| Tumor-Promoter                   | 1              |

| Activity             | Chemical Count |
|----------------------|----------------|
| Tyrosinase-Inhibitor | 2              |
| Ubiquiot             | 2              |
| Ulcerogenic          | 3              |
| Uricosuric           | 1              |
| Urinary-Acidulant    | 1              |
| Urinary-Antiseptic   | 2              |
| Uterorelaxant        | 1              |
| Varroacide           | 2              |
| Vasodilator          | 7              |
| VEGF-Inhibitor       | 2              |
| Vermicide            | 1              |
| Vermifuge            | 3              |
| Verrucolytic         | 1              |
| Vibriocide           | 1              |
| Vulnerary            | 4              |