

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Biological Activities found in Vaccinium myrtillus**

| Activity                    | Chemical Count |
|-----------------------------|----------------|
| 11B-HSD-Inhibitor           | 1              |
| 5-HT-Inhibitor              | 1              |
| 5-Lipoxygenase-Inhibitor    | 2              |
| Abortifacient               | 1              |
| Acaricide                   | 5              |
| Acarifuge                   | 1              |
| ACE-Inhibitor               | 11             |
| Acetylcholinergic           | 1              |
| AChE-Inhibitor              | 1              |
| Acidulant                   | 2              |
| Additive                    | 1              |
| Adrenergic                  | 1              |
| Aggregant                   | 1              |
| Aldehyde-Oxidase-Inhibitor  | 2              |
| Aldose-Reductase-Inhibitor  | 17             |
| Allelochemic                | 15             |
| Allelopathic                | 6              |
| Allergenic                  | 22             |
| Alpha-Amylase-Inhibitor     | 1              |
| Alpha-Glucosidase-Inhibitor | 1              |
| Amphiglycemic?              | 1              |
| Anabolic                    | 1              |
| Analgesic                   | 18             |
| Androgenic                  | 2              |
| Androgenic?                 | 1              |
| Anesthetic                  | 8              |
| Angiogenic                  | 1              |

| Activity                     | Chemical Count |
|------------------------------|----------------|
| Angiotensin-Receptor-Blocker | 2              |
| Anorexic                     | 3              |
| Anthelmintic                 | 3              |
| Antiacetylcholinesterase     | 2              |
| Antiacne                     | 9              |
| Antiacrodermatitic           | 1              |
| Antiacrodynic                | 1              |
| Antiadenomic                 | 2              |
| Antiadenoviral               | 1              |
| Antiadenovirus               | 1              |
| Antiaflatoxin                | 1              |
| AntiAGE                      | 2              |
| Antiaggregant                | 14             |
| Antiaging                    | 6              |
| Antiakathisic                | 1              |
| Antialcoholic                | 6              |
| Antiallergenic               | 1              |
| Antiallergic                 | 9              |
| Antialopepic                 | 2              |
| Antialzheimeran              | 6              |
| Antialzheimeran?             | 1              |
| Antiamblyopic                | 1              |
| Antiamebic                   | 1              |
| Antianaphylactic             | 6              |
| Antiandrogenic               | 1              |
| Antianemic                   | 4              |
| Antianginal                  | 2              |

| Activity             | Chemical Count |
|----------------------|----------------|
| Antiangiogenic       | 4              |
| Antianorectic        | 2              |
| Antianorexic         | 1              |
| Antianxiety          | 2              |
| Antiaphthic          | 1              |
| Antiapoplectic       | 1              |
| Antiapoptotic        | 1              |
| Antiarabiflavivotic  | 1              |
| Antiarachidonate     | 1              |
| Antiarrhythmic       | 8              |
| Antiarteriosclerotic | 1              |
| Antiarthritic        | 14             |
| Antiasthmatic        | 10             |
| Antiatherogenic      | 3              |
| Antiatheromic        | 1              |
| Antiatherosclerotic  | 12             |
| Antibackache         | 1              |
| Antibacterial        | 48             |
| Antiberiberi         | 1              |
| Antibiotic           | 2              |
| AntiBPH              | 1              |
| Antibronchitic       | 1              |
| Anticalculic         | 1              |
| Anticancer           | 14             |
| Anticancer (Breast)  | 3              |
| Anticancer (Cervix)  | 1              |
| Anticancer (Colon)   | 3              |

| Activity                 | Chemical Count |
|--------------------------|----------------|
| Anticancer (Esophagus)?  | 1              |
| Anticancer (Forestomach) | 2              |
| Anticancer (Liver)       | 2              |
| Anticancer (Lung)        | 1              |
| Anticancer (Pancreas)    | 1              |
| Anticancer (Skin)        | 2              |
| Anticanker               | 3              |
| Anticapillary-Fragility  | 2              |
| Anticapillary-Fragility? | 1              |
| Anticarcinogenic         | 5              |
| Anticarcinomic           | 4              |
| Anticarcinomic (Breast)  | 1              |
| Anticardiospasmic        | 1              |
| Anticaries               | 1              |
| Anticariogenic           | 9              |
| Anticarpal-Tunnel        | 1              |
| Anticataract             | 9              |
| Anticephalagic           | 2              |
| Anticervicaldysplasic    | 3              |
| AntiCFS                  | 3              |
| Anticheilitic            | 2              |
| Antichilblain            | 1              |
| Anticholestatic          | 1              |
| Anticirrhotic            | 2              |
| Anticlastogen            | 4              |
| Anticlimacteric          | 4              |
| Anticoagulant            | 2              |

| Activity            | Chemical Count |
|---------------------|----------------|
| Anticoeliac         | 1              |
| Anticold            | 2              |
| Anticolic           | 1              |
| Anticolitic         | 3              |
| Anticollegenase     | 1              |
| Anticomplement      | 2              |
| Anticomplementary   | 4              |
| Anticonvulsant      | 5              |
| Anticorneotic       | 1              |
| Anticoronary        | 4              |
| AntiCrohn's         | 3              |
| AntiCTS             | 1              |
| AntiCVI             | 1              |
| Anticystitic        | 1              |
| Antidandruff        | 4              |
| Antidecubitic       | 3              |
| Antideliriant       | 1              |
| Antidementia        | 5              |
| Antidepressant      | 7              |
| Antidermatitic      | 6              |
| Antidermatotic      | 1              |
| Antidiabetic        | 17             |
| Antidiabetic?       | 1              |
| Antidiarrheic       | 2              |
| Antidiscotic        | 1              |
| Antidote (Aluminum) | 2              |
| Antidote (Cadmium)  | 2              |

| Activity            | Chemical Count |
|---------------------|----------------|
| Antidote (Lead)     | 3              |
| Antidote (Mercury)  | 1              |
| Antidote (Paraquat) | 1              |
| Antidrepanocytic    | 1              |
| Antidysenteric      | 1              |
| Antidysgeuzic       | 1              |
| Antidyskinetic      | 1              |
| Antidysmenorrhic    | 2              |
| Antidyspeptic       | 1              |
| Antidysphagic       | 1              |
| AntiEBV             | 4              |
| Antieczemic         | 3              |
| Antiedemic          | 16             |
| Antielastase        | 5              |
| Antiencephalitic    | 2              |
| Antiencephalopathic | 2              |
| Antiendometriotic   | 2              |
| Antiendotoxic       | 1              |
| Antienteritic       | 1              |
| Antienterococcic    | 1              |
| Antienterotic       | 1              |
| Antiepileptic       | 4              |
| Antierhythmic       | 2              |
| Antiescherichic     | 6              |
| Antiesophagitic     | 1              |
| Antiestrogenic      | 4              |
| Antiexudative       | 1              |

| Activity          | Chemical Count |
|-------------------|----------------|
| Antifatigue       | 7              |
| Antifeedant       | 14             |
| Antifertility     | 4              |
| Antifibrinolytic  | 1              |
| Antifibromyalgic  | 2              |
| Antifibrosarcomic | 2              |
| Antifibrotic      | 3              |
| Antiflu           | 7              |
| Antifuruncular    | 1              |
| Antigallstone     | 2              |
| Antigastric       | 1              |
| Antigastritic     | 4              |
| Antigastrotic     | 2              |
| Antigenotoxic     | 2              |
| Antigiardial      | 1              |
| Antigingivitic    | 2              |
| Antiglaucomic     | 3              |
| Antiglossitic     | 1              |
| Antiglutamaergic  | 1              |
| Antiglycosuric    | 1              |
| Antigonadotrophic | 1              |
| Antigonadotropic  | 3              |
| Antigout          | 1              |
| Antigrey          | 1              |
| AntiGTF           | 1              |
| Antihangover      | 5              |
| Antiheartburn     | 1              |

| Activity                  | Chemical Count |
|---------------------------|----------------|
| Antihelicobacter          | 1              |
| Antihematuric             | 1              |
| Antihemolytic             | 2              |
| Antihemorrhagic           | 3              |
| Antihemorrhoidal          | 2              |
| Antihepatitic             | 4              |
| Antihepatoadenomic        | 1              |
| Antihepatomic             | 1              |
| Antihepatotoxic           | 17             |
| Antiherpetic              | 13             |
| Antiherpetic?             | 1              |
| Antihiccup                | 1              |
| Antihistaminic            | 11             |
| AntiHIV                   | 13             |
| Antihydrocoele            | 1              |
| Antihydrophobic           | 1              |
| Antihyperactivity         | 1              |
| Antihypercholesterolemic  | 2              |
| Antihyperglycemic         | 4              |
| Antihyperinsulinemic      | 2              |
| Antihyperkeratotic        | 1              |
| Antihyperkinetic          | 2              |
| Antihyperleptinemic       | 2              |
| Antihyperlipidemic        | 3              |
| Antihyperlipoproteinaemic | 1              |
| Antihypertensive          | 7              |
| Antihyperthyroid          | 2              |



| Activity           | Chemical Count |
|--------------------|----------------|
| Antihypoglycemic   | 1              |
| Antiichthyosic     | 1              |
| Antiichthyotic     | 1              |
| Antiimpotence      | 1              |
| Antiincontinence   | 1              |
| Antiinfective      | 1              |
| Antiinfertility    | 2              |
| Antiinflammatory   | 37             |
| Antiinflammatory?  | 1              |
| Antiinsomniac      | 3              |
| Antiinsomnic       | 1              |
| Antiischemic       | 3              |
| Antikeratitic      | 1              |
| Antikeratotic      | 1              |
| Antikeshan         | 1              |
| Antiketotic        | 2              |
| Antiklebsiellie    | 1              |
| Antilactobacillic  | 1              |
| AntiLegionella     | 3              |
| Antileishmanic     | 5              |
| Antileptic         | 2              |
| Antileukemic       | 16             |
| Antileukonychic    | 1              |
| Antileukoplakic    | 1              |
| Antileukotriene    | 6              |
| Antilipolytic      | 1              |
| Antilipoperoxidant | 5              |

| Activity                  | Chemical Count |
|---------------------------|----------------|
| Antilisteria              | 1              |
| Antilithic                | 5              |
| Antilupus                 | 1              |
| AntiLyme                  | 5              |
| Antilymphomic             | 5              |
| Antimaculitic             | 5              |
| Antimalarial              | 5              |
| Antimange                 | 1              |
| Antimastalgic             | 1              |
| Antimastitic              | 1              |
| Antimeasles               | 1              |
| Antimelanogenic           | 4              |
| Antimelanomic             | 5              |
| Antimelasmic              | 1              |
| AntiMeniere's             | 1              |
| Antimenopausal            | 4              |
| Antimenorrhagic           | 2              |
| Antimetastatic            | 6              |
| Antimetastatic (Stomach)  | 1              |
| Antimigraine              | 4              |
| Antimite                  | 1              |
| Antimitotic               | 3              |
| Antimitral-valve-prolapse | 1              |
| AntiMRSA                  | 1              |
| AntiMS                    | 2              |
| Antimutagenic             | 33             |
| Antimyalgic               | 1              |

| Activity            | Chemical Count |
|---------------------|----------------|
| Antimyocarditic     | 2              |
| Antimyopic          | 1              |
| Antinauseant        | 1              |
| Antineoplastic      | 2              |
| Antinephritic       | 5              |
| Antinephrolytic     | 1              |
| Antineuralgic       | 3              |
| Antineuramidase     | 1              |
| Antineurasthenic    | 1              |
| Antineuritic        | 1              |
| Antineuropathic     | 2              |
| Antineuropathic?    | 1              |
| Antineurotic        | 1              |
| AntiNF-kB           | 1              |
| Antinitrosaminic    | 6              |
| Antinitrosating     | 1              |
| Antinitrosic        | 1              |
| Antinociceptive     | 6              |
| Antinyctalopic      | 3              |
| Antiobesity         | 9              |
| Antiobesity?        | 1              |
| Antiodontalgic      | 1              |
| Antioncychomycotic  | 1              |
| Antionychogryphotic | 1              |
| Antionychyotic      | 2              |
| Antiophidic         | 4              |
| Antiophthalmic      | 1              |

| Activity              | Chemical Count |
|-----------------------|----------------|
| Antiorchitic          | 1              |
| Antiosteoarthritic    | 4              |
| Antiosteoporotic      | 9              |
| Antiosteotic          | 1              |
| Antiotitic            | 3              |
| Antiototic            | 1              |
| Antioxidant           | 51             |
| Antioxidant Synergist | 2              |
| Antiozenic            | 1              |
| Antipancreatic        | 1              |
| Antipapillomic        | 1              |
| Antiparkinsonian      | 3              |
| Antiparotitic         | 1              |
| Antipellagic          | 2              |
| Antipeptic            | 1              |
| Antiperiodic          | 1              |
| Antiperiodontal       | 3              |
| Antiperiodontic       | 1              |
| Antiperiodontitic     | 4              |
| Antiperistaltic       | 1              |
| Antipermeability      | 1              |
| Antiperoxidant        | 14             |
| Antiperoxynitrite     | 1              |
| Antipertussive        | 1              |
| AntiPGE2              | 1              |
| Antipharyngitic       | 1              |
| Antiphotophobic       | 2              |

| Activity             | Chemical Count |
|----------------------|----------------|
| Antipityriasic       | 1              |
| Antiplatelet         | 6              |
| Antiplasmodial       | 3              |
| Antiplatelet         | 1              |
| AntiPMS              | 5              |
| Antipneumonic        | 2              |
| Antipodagric         | 1              |
| Antipodriac          | 2              |
| Antipolio            | 4              |
| Antipoliomyelitic    | 2              |
| Antiporphyrin        | 1              |
| Antiprogestational   | 1              |
| Antiprolactin        | 1              |
| Antiproliferant      | 9              |
| Antiproliferative    | 1              |
| Antiprostaglandin    | 5              |
| Antiprostanoid       | 1              |
| Antiprostataadenomic | 1              |
| Antiprostatic        | 4              |
| Antiproteolytic      | 1              |
| Antiprotozoal        | 1              |
| Antipruritic         | 1              |
| Antipseudomonic      | 1              |
| Antipsoriac          | 3              |
| Antipurpuric         | 2              |
| Antipyretic          | 6              |
| Antipyruvetic        | 1              |

| Activity                | Chemical Count |
|-------------------------|----------------|
| Antiradicular           | 25             |
| AntiRaynaud's           | 3              |
| Antirenetic             | 1              |
| Antiretinitic Optometry | 1              |
| Antiretinopathic        | 1              |
| Antiretinotic           | 1              |
| Antirheumatic           | 7              |
| Antirhinitic            | 1              |
| Antisalmonella          | 5              |
| Antisarcomic            | 1              |
| Antisclerodermic        | 1              |
| Antiscorbutic           | 1              |
| Antiscotomic            | 1              |
| Antiseborrheic          | 4              |
| Antiseptic              | 29             |
| Antiserotonin           | 1              |
| Antishingles            | 1              |
| Antishock               | 1              |
| Antisickling            | 4              |
| Antisilicotic           | 1              |
| Antisinusitic           | 1              |
| Antispare-Tire          | 1              |
| Antispasmodic           | 19             |
| Antispasmophilic        | 1              |
| Antispastic             | 1              |
| Antistaphylococcic      | 8              |
| Antistomatitic          | 2              |

| Activity                | Chemical Count |
|-------------------------|----------------|
| Antistreptococcic       | 5              |
| Antistress              | 4              |
| Antistroke              | 2              |
| Antisunburn             | 3              |
| Antisyndrome-X          | 6              |
| AntiTGF-beta            | 2              |
| Antithiamin             | 2              |
| Antithrombic            | 2              |
| Antithrombogenic        | 2              |
| Antithromboxane         | 2              |
| Antithyreotropic        | 1              |
| Antithyroid             | 3              |
| Antititic               | 1              |
| Antitinnitic            | 1              |
| AntiTNF                 | 2              |
| Antitriglyceride        | 2              |
| Antitrypanosomic        | 4              |
| Antitubercular          | 3              |
| Antitumor               | 27             |
| Antitumor (Bladder)     | 1              |
| Antitumor (brain)       | 2              |
| Antitumor (Breast)      | 10             |
| Antitumor (Cervix)      | 2              |
| Antitumor (CNS)         | 1              |
| Antitumor (Colon)       | 11             |
| Antitumor (Esophagus)?  | 1              |
| Antitumor (Forestomach) | 2              |

| Activity             | Chemical Count |
|----------------------|----------------|
| Antitumor (Gastric)  | 1              |
| Antitumor (Kidney)   | 1              |
| Antitumor (Liver)    | 2              |
| Antitumor (Lung)     | 8              |
| Antitumor (Mouth)    | 1              |
| Antitumor (Ovary)    | 2              |
| Antitumor (Pancreas) | 3              |
| Antitumor (Prostate) | 4              |
| Antitumor (Skin)     | 5              |
| Antitumor (Stomach)  | 3              |
| Antitumor-Promoter   | 11             |
| Antitussive          | 4              |
| Antitympanic         | 1              |
| Antiulcer            | 18             |
| Antiulcerogenic      | 3              |
| Antiurease           | 1              |
| Antivaccinia         | 1              |
| Antivaginitic        | 2              |
| Antivaricose         | 3              |
| Antivertigo          | 1              |
| Antiviral            | 27             |
| Antiviral?           | 1              |
| Antiwrinkle          | 2              |
| Antixerophthalmic    | 1              |
| Antiyeast            | 2              |
| Anxiolytic           | 6              |
| AP-1-Inhibitor       | 1              |



| Activity                         | Chemical Count |
|----------------------------------|----------------|
| Apifuge                          | 1              |
| Apoptotic                        | 8              |
| Aromatase-Inhibitor              | 2              |
| Artemicide                       | 2              |
| Arteriodilator                   | 1              |
| Ascaricide                       | 2              |
| Asthma-preventive                | 1              |
| Astringent                       | 4              |
| Atherogenic                      | 1              |
| ATPase-Inhibitor                 | 1              |
| Autotoxic                        | 1              |
| Bacteristat                      | 5              |
| Barbituate-Synergist             | 1              |
| Beta-Adrenergic Receptor Blocker | 8              |
| Beta-Blocker                     | 3              |
| Beta-Glucuronidase-Inhibitor     | 3              |
| Bradycardiac                     | 1              |
| Bronchodilator                   | 1              |
| Bronchoprotectant                | 1              |
| Bronchorelaxant                  | 1              |
| Bruchiphobe                      | 2              |
| Calcium-Antagonist               | 5              |
| Calcium-Channel-Blocker          | 1              |
| Calmodulin-Antagonist            | 1              |
| cAMP-Inhibitor                   | 1              |
| cAMP-Phosphodiesterase-Inhibitor | 3              |
| Cancer-Preventive                | 44             |

| Activity              | Chemical Count |
|-----------------------|----------------|
| Candidicide           | 14             |
| Candidistat           | 3              |
| Capillarifortificant  | 1              |
| Capillarigenic        | 2              |
| Capillariprotective   | 2              |
| Capillaritonic        | 1              |
| Carcinogenic          | 8              |
| Carcinogenic?         | 1              |
| Cardiac               | 1              |
| Cardiomyopathogenic   | 1              |
| Cardioprotective      | 12             |
| Cardiotonic           | 6              |
| Cardiotoxic           | 1              |
| Carminative           | 2              |
| Caspase-8-Inducer     | 1              |
| Catabolic             | 2              |
| Cathartic             | 2              |
| Chelator              | 1              |
| Chemopreventive       | 9              |
| Cholagogue            | 3              |
| Choleretic            | 14             |
| Cholesterolytic       | 2              |
| Choline-Sparing       | 2              |
| Chronotropic          | 1              |
| Cicatrizant           | 1              |
| Circulatory-Stimulant | 1              |
| Circulotonic          | 1              |

| Activity                      | Chemical Count |
|-------------------------------|----------------|
| Clastogenic                   | 2              |
| CNS-Active                    | 2              |
| CNS-Depressant                | 7              |
| CNS-Paralytic                 | 1              |
| CNS-Stimulant                 | 3              |
| Co-carcinogenic               | 2              |
| Cold-preventive               | 1              |
| Collagen-Sparing              | 2              |
| Collagenic                    | 2              |
| Collyrium                     | 1              |
| Colorant                      | 3              |
| Comedogenic                   | 1              |
| Comedolytic                   | 1              |
| COMP-Inhibitor                | 3              |
| COMT-Inhibitor                | 1              |
| Contraceptive                 | 1              |
| Convulsant                    | 1              |
| Copper-Antagonist             | 1              |
| Copper-Chelator               | 1              |
| COX-1-Inhibitor               | 6              |
| COX-2-Inhibitor               | 11             |
| Culicide                      | 1              |
| Cyclooxygenase-Activator      | 3              |
| Cyclooxygenase-Inhibitor      | 9              |
| Cytochrome-P450-1A2-Inhibitor | 1              |
| Cytochrome-P450-Inhibitor     | 1              |
| Cytoprotective                | 2              |

| Activity             | Chemical Count |
|----------------------|----------------|
| Cytotoxic            | 12             |
| Deiodinase-Inhibitor | 1              |
| Deliriant            | 1              |
| Demulcent            | 2              |
| Deodorant            | 1              |
| Depigmentor          | 1              |
| Depressant           | 1              |
| Dermatitigenic       | 4              |
| Detoxicant           | 3              |
| Detoxicant (Alcohol) | 1              |
| Diaphoretic          | 1              |
| Diaphoretic?         | 2              |
| Differentiator       | 1              |
| Disinfectant         | 1              |
| Diuretic             | 13             |
| DNA-Active           | 1              |
| DNA-Protective       | 1              |
| Dye                  | 2              |
| Elastase-Inhibitor   | 2              |
| Embryotoxic          | 1              |
| Emetic               | 3              |
| Encephalopathic      | 1              |
| Energizer            | 1              |
| Enterocontractant    | 1              |
| Enterorelaxant       | 1              |
| Ergogenic            | 1              |
| Erythrocytogenic     | 1              |

| Activity                       | Chemical Count |
|--------------------------------|----------------|
| Estrogenic                     | 4              |
| Estrogenic?                    | 1              |
| Expectorant                    | 6              |
| Fatal                          | 1              |
| Febrifuge                      | 1              |
| Fibrinolytic                   | 1              |
| Fistula-Preventive             | 1              |
| Flatugenic                     | 1              |
| FLavor                         | 21             |
| Floral-Inhibitor               | 1              |
| Fungicide                      | 26             |
| Fungiphilic                    | 1              |
| Fungistat                      | 3              |
| GABA-nergic                    | 1              |
| Gastroprotective               | 3              |
| Glucosyl-Transferase-Inhibitor | 2              |
| Glutathione-Depleting          | 1              |
| Goitrogenic                    | 1              |
| Gonadotrophic                  | 1              |
| Gram(+)icide                   | 1              |
| Gram(-)icide                   | 1              |
| GST-Inducer                    | 1              |
| Hemolytic                      | 1              |
| Hemopoietic                    | 1              |
| Hemostat                       | 9              |
| Hemostatic                     | 1              |
| Hepatocarcinogenic             | 1              |

| Activity                | Chemical Count |
|-------------------------|----------------|
| Hepatomagenic           | 2              |
| Hepatoprotective        | 17             |
| Hepatotonic             | 1              |
| Hepatotoxic             | 2              |
| Hepatotropic            | 3              |
| Herbicide               | 9              |
| Histamine-Inhibitor     | 2              |
| Histaminic              | 2              |
| HIV-RT-Inhibitor        | 1              |
| Hyaluronidase-Inhibitor | 1              |
| Hydrocholerectic        | 1              |
| Hypercholesterolemic    | 1              |
| Hyperglycemic           | 1              |
| Hypertensive            | 3              |
| Hypnotic                | 1              |
| Hypocholesterolemic     | 12             |
| Hypoglycemic            | 15             |
| Hypolipemic             | 1              |
| Hypolipidemic           | 3              |
| Hypotensive             | 16             |
| Hypothermic             | 3              |
| Immunomodulator         | 12             |
| Immunostimulant         | 15             |
| Immunosuppressant       | 6              |
| iNOS-Inhibitor          | 1              |
| Inotropic               | 2              |
| Insecticide             | 7              |

| Activity                      | Chemical Count |
|-------------------------------|----------------|
| Insectifuge                   | 12             |
| Insectifuge?                  | 1              |
| Insectiphile                  | 4              |
| Insulin-Sparing               | 2              |
| Insulinogenic                 | 7              |
| Interferon-Synergist          | 1              |
| Interferonogenic              | 2              |
| Interleukin-1-alpha-Inhibitor | 1              |
| Interleukin-6-Inhibitor       | 2              |
| Interleukin-6-mRNA-Inhibitor  | 1              |
| Irritant                      | 12             |
| Juvabional                    | 4              |
| Keratitigenic                 | 1              |
| Keratolytic                   | 2              |
| Larvicide                     | 4              |
| Larvostat                     | 6              |
| Laxative                      | 8              |
| Laxative?                     | 2              |
| Leptingenic                   | 1              |
| Leucocytogenic                | 2              |
| Leukotriene-Inhibitor         | 2              |
| Lipolytic                     | 3              |
| Lipotropic                    | 1              |
| Lipoxygenase-1-Inhibitor      | 1              |
| Lipoxygenase-Inhibitor        | 14             |
| Lithogenic                    | 2              |
| Litholytic                    | 2              |

| Activity                    | Chemical Count |
|-----------------------------|----------------|
| Lyase-Inhibitor             | 1              |
| MAO-A-Inhibitor             | 2              |
| MAO-Inhibitor               | 2              |
| Mast-Cell-Stabilizer        | 1              |
| Memorigenic                 | 1              |
| Memory-Enhancer             | 1              |
| Metal-Chelator              | 3              |
| Metal-Chelator (Copper)     | 3              |
| Metalloproteinase-Inhibitor | 1              |
| MMP-9-Inhibitor             | 2              |
| Monoaminergic               | 1              |
| Mosquitocide                | 2              |
| Mosquitofuge                | 2              |
| Motor-Depressant            | 5              |
| Motor-Stimulant             | 1              |
| Mucogenic                   | 2              |
| Mucolytic                   | 2              |
| Mutagenic                   | 3              |
| Mycobactericide             | 3              |
| Mycoplasma-Inhibitor        | 2              |
| Myoprotective               | 1              |
| Myorelaxant                 | 4              |
| NADH-Oxidase-Inhibitor      | 1              |
| Narcotic                    | 1              |
| Nematicide                  | 8              |
| Neoplastic                  | 1              |
| NEP-Inhibitor               | 1              |



| Activity                          | Chemical Count |
|-----------------------------------|----------------|
| Nephrotoxic                       | 4              |
| Neuroprotective                   | 4              |
| Neurotoxic                        | 1              |
| Neurotransmitter                  | 1              |
| NF-kB-Inhibitor                   | 4              |
| NO-Genic                          | 2              |
| NO-Inhibitor                      | 5              |
| NO-Scavenger                      | 1              |
| NO-Synthase-Inhibitor             | 1              |
| Odontolytic                       | 1              |
| Ornithine-Decarboxylase-Inhibitor | 8              |
| Osteogenic                        | 1              |
| Osteolytic                        | 1              |
| Oviposition-Stimulant             | 2              |
| Ozone-Scavenger                   | 1              |
| P450-Inducer                      | 2              |
| P450-Inhibitor                    | 1              |
| PAF-Inhibitor                     | 1              |
| Pancreatogenic                    | 2              |
| Paralytic                         | 1              |
| Paramecicide                      | 1              |
| Parasiticide                      | 2              |
| Perfume                           | 1              |
| Perfumery                         | 12             |
| Peristaltic                       | 2              |
| Peroxynitrite-Scavenger           | 2              |
| Pesticide                         | 70             |

| Activity                          | Chemical Count |
|-----------------------------------|----------------|
| PGE2-Inhibitor                    | 1              |
| Phagocytotic                      | 5              |
| Phospholipase-Inhibitor           | 1              |
| Photosensitizer                   | 1              |
| Phytoalexin                       | 2              |
| Pigment                           | 7              |
| Piscicide                         | 2              |
| Plasmodicide                      | 1              |
| Polyamine-Synthesis-Inhibitor     | 1              |
| Potassium-Sparing                 | 1              |
| Preservative                      | 2              |
| Proliferant                       | 1              |
| Prooxidant                        | 8              |
| Propecic                          | 2              |
| Prostaglandigenic                 | 5              |
| Prostaglandin-Sparer              | 1              |
| Prostaglandin-Synthesis-Inhibitor | 5              |
| Prosticide                        | 1              |
| Protease-Inhibitor                | 1              |
| Protein-Kinase-C-Inhibitor        | 2              |
| Protisticide                      | 4              |
| Psychotropic                      | 1              |
| PTK-Inhibitor                     | 1              |
| Quinone-Reductase-Inducer         | 4              |
| Radioprotective                   | 1              |
| Refrigerant                       | 1              |
| Renotoxic                         | 1              |

| Activity                        | Chemical Count |
|---------------------------------|----------------|
| Retinoprotectant Optometry      | 1              |
| Reverse-Transcriptase-Inhibitor | 1              |
| Rodenticide                     | 2              |
| Scabicide                       | 1              |
| Schizophrenigenic               | 1              |
| Secretagogue                    | 3              |
| Sedative                        | 15             |
| Serotonergic                    | 1              |
| Sialogogue                      | 1              |
| Sodium-Sparing                  | 1              |
| Spermicide                      | 2              |
| Spermigenic                     | 1              |
| Sprout-Inhibitor                | 1              |
| Stomachic                       | 1              |
| Styptic                         | 1              |
| Sunscreen                       | 5              |
| Sweetener                       | 5              |
| Taenicide                       | 1              |
| Teratogenic                     | 1              |
| Teratologic                     | 1              |
| Termiticide                     | 4              |
| Termitifuge                     | 2              |
| Testosteronigenic               | 1              |
| Thermogenic                     | 1              |
| Thymoprotective                 | 1              |
| Tineacide                       | 1              |
| Tinnitigenic                    | 1              |

| Activity                        | Chemical Count |
|---------------------------------|----------------|
| Tissue-Thromboplastin-Inhibitor | 2              |
| TNF-alpha-Inhibitor             | 3              |
| TOPO-2-Inhibitor                | 1              |
| Topoisomerase-I-Inhibitor       | 2              |
| Topoisomerase-II-Inhibitor      | 3              |
| Toxic                           | 1              |
| Tranquilizer                    | 3              |
| Transdermal                     | 2              |
| Trichomonicide                  | 6              |
| Trichomonistat                  | 2              |
| Triglycerigenic                 | 1              |
| Trypanocide                     | 1              |
| Trypsin-Enhancer                | 1              |
| Tumor-Promoter                  | 1              |
| Tumorigenic                     | 2              |
| Tyrosinase-Inhibitor            | 8              |
| Tyrosine-Kinase-Inhibitor       | 2              |
| Ubiquiot                        | 8              |
| Ulcerogenic                     | 4              |
| Uricogenic                      | 1              |
| Uricosuric                      | 2              |
| Urinary-Acidulant               | 1              |
| Urinary-Antiseptic              | 1              |
| Uterorelaxant                   | 1              |
| Uterosedative                   | 1              |
| Uterotonic                      | 1              |
| Varroacide                      | 2              |

| Activity                   | Chemical Count |
|----------------------------|----------------|
| Vasoactive                 | 1              |
| Vasoconstrictor            | 1              |
| Vasodilator                | 12             |
| Vasopressor                | 4              |
| Vasoprotective             | 1              |
| VEGF-Inhibitor             | 2              |
| Vermifuge                  | 2              |
| Verrucolytic               | 1              |
| Vibriocide                 | 1              |
| Vulnerary                  | 8              |
| Xanthine-Oxidase-Inhibitor | 12             |