

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in *Arctostaphylos uva-ursi*

| Activity | Chemical Count |
|-------------------------------|-----------------------|
| Antithrombogenic | 1 |
| NO-Synthase-Inhibitor | 1 |
| Hepatomagenic | 1 |
| Antipertussive | 1 |
| Antipurpuric | 1 |
| Disinfectant | 1 |
| Antihyperactivity | 1 |
| Antisyncopic | 1 |
| Gram(-)-icide | 1 |
| Collagen-Sparing | 1 |
| Antiprostataadenomic | 1 |
| Antineurasthenic | 1 |
| CNS-Active | 1 |
| Antitumor (Mouth) | 1 |
| Antiprolactin | 1 |
| Anticapillary-Fragility | 1 |
| Deliriant | 1 |
| Testosteronigenic | 1 |
| Antihemorrhoidal | 1 |
| Floral-Inhibitor | 1 |
| Antiozenic | 1 |
| Vasoconstrictor | 1 |
| Antiinsomnic | 1 |
| Antitumor (Forestomach) | 1 |
| Antienterotic | 1 |
| Anticancer (Liver) | 1 |
| Cytochrome-P450-1A2-Inhibitor | 1 |

| Activity | Chemical Count |
|----------------------------|----------------|
| AntiMRSA | 1 |
| Styptic | 1 |
| Asthma-preventive | 1 |
| Antisilicotic | 1 |
| AntiCTS | 1 |
| Antiosteosclerotic | 1 |
| Urinary-Antiseptic | 1 |
| Antiimpotence | 1 |
| Caspase-8-Inducer | 1 |
| Phospholipase-A2-Inhibitor | 1 |
| Anticancer (Breast) | 1 |
| Hypolipemic | 1 |
| Counterirritant | 1 |
| Serotonergic | 1 |
| Antiglossitic | 1 |
| Mast-Cell-Stabilizer | 1 |
| Antiakathisic | 1 |
| Cardiac | 1 |
| Antidyspeptic | 1 |
| Pancreatogenic | 1 |
| Antibiotic | 1 |
| COMT-Inhibitor | 1 |
| Refrigerant | 1 |
| Antiwrinkle | 1 |
| Lithogenic | 1 |
| Antiadenovirus | 1 |
| Encephalopathic | 1 |

| Activity | Chemical Count |
|-------------------------|----------------|
| Antionychyotic | 1 |
| Antithyreotropic | 1 |
| Antidote (Paraquat) | 1 |
| Antiatherogenic | 1 |
| Hepatotonic | 1 |
| Antivaccinia | 1 |
| Antichilblain | 1 |
| Leptingenic | 1 |
| DNA-Active | 1 |
| Antidote | 1 |
| Neurotransmitter | 1 |
| Antiarabiflavinotic | 1 |
| Antipermeability | 1 |
| Antiproteolytic | 1 |
| Androgenic? | 1 |
| Diaphoretic | 1 |
| Calmodulin-Antagonist | 1 |
| Glutathione-Depleting | 1 |
| Antiperiodic | 1 |
| CNS-Paralytic | 1 |
| Plasmodicide | 1 |
| Antitumor (Pancreas) | 1 |
| Alpha-Amylase-Inhibitor | 1 |
| Depigmentor | 1 |
| Antinephrolytic | 1 |
| Thymoprotective | 1 |
| Antihepatoadenomic | 1 |

| Activity | Chemical Count |
|----------------------------|----------------|
| Bradycardiac | 1 |
| Antianacarditic | 1 |
| Antipapillomic | 1 |
| Antikeratitic | 1 |
| Choline-Sparing | 1 |
| Antitumor (Kidney) | 1 |
| Anticancer (Mouth) | 1 |
| iNOS-Inhibitor | 1 |
| Aldehyde-Oxidase-Inhibitor | 1 |
| Suppurative | 1 |
| Antiheartburn | 1 |
| ATPase-Inhibitor | 1 |
| Fibrinolytic | 1 |
| Antioxalate | 1 |
| Uterosedative | 1 |
| Sodium-Sparing | 1 |
| Antiserotonin | 1 |
| Anticorneotic | 1 |
| Antihypoglycemic | 1 |
| Antibronchitic | 1 |
| Antipodagric | 1 |
| Copper-Antagonist | 1 |
| Antimelasmic | 1 |
| Antigastrotic | 1 |
| Antiyeast | 1 |
| Antisarcomic | 1 |
| Lyase-Inhibitor | 1 |

| Activity | Chemical Count |
|-----------------------|----------------|
| Ergogenic | 1 |
| Antiorchitic | 1 |
| Trypanocide | 1 |
| Antitic | 1 |
| Antidysgeuzic | 1 |
| Oxidase-Inhibitor | 1 |
| Antibackache | 1 |
| Antipityriasic | 1 |
| Colorant | 1 |
| Antimastalgic | 1 |
| Psychotropic | 1 |
| Antifuruncular | 1 |
| Antivertigo | 1 |
| Antirenitic | 1 |
| Anticirrhotic | 1 |
| Leukotriene-Inhibitor | 1 |
| Antiacrodynic | 1 |
| Dye | 1 |
| Antiartherosclerotic | 1 |
| Hepatocarcinogenic | 1 |
| Antiperoxynitrite | 1 |
| Antilupus | 1 |
| Prostaglandin-Sparer | 1 |
| Differentiator | 1 |
| AntiNF-kB | 1 |
| Antihydrophobic | 1 |
| Antisunburn | 1 |

| Activity | Chemical Count |
|---------------------------|----------------|
| NEP-Inhibitor | 1 |
| Antianorexic | 1 |
| Gram(+)-icide | 1 |
| Antileukoplakic | 1 |
| Cold-preventive | 1 |
| Potassium-Sparing | 1 |
| Antiprostanoid | 1 |
| Anticardiospasmic | 1 |
| Interferonogenic | 1 |
| Amphiglycemic? | 1 |
| Antineuramidase | 1 |
| Tinnitogenic | 1 |
| Bruchiphobe | 1 |
| Antideliriant | 1 |
| Antiandrogenic | 1 |
| Fungitoxic | 1 |
| Antiparotitic | 1 |
| Clastogenic | 1 |
| Phytoalexin | 1 |
| Antiprogestational | 1 |
| Teratologic | 1 |
| Antialopepic | 1 |
| Varroacide | 1 |
| Antienteritic | 1 |
| Anticancer (Forestomach) | 1 |
| Antimitral-valve-prolapse | 1 |
| Spermigenic | 1 |

| Activity | Chemical Count |
|-----------------------------|----------------|
| Antigout | 1 |
| Ascaricide | 1 |
| Metalloproteinase-Inhibitor | 1 |
| Urinary-Acidulant | 1 |
| Antichthyotic | 1 |
| Antitumor (Bladder) | 1 |
| Corrosive | 1 |
| AP-1-Inhibitor | 1 |
| Antiscotomic | 1 |
| Antihyperlipoproteinaemic | 1 |
| Antitonsilitic | 1 |
| P450-Inhibitor | 1 |
| Antiberiberi | 1 |
| Histamine-Inhibitor | 1 |
| Antimeasles | 1 |
| Antigargantitic | 1 |
| Antiviral? | 1 |
| Antiretinotic | 1 |
| Antiadenoviral | 1 |
| Antioncycomycotic | 1 |
| Candida-SAP-Inhibitor | 1 |
| Antithromboxane | 1 |
| Antidote (Mercury) | 1 |
| Odontolytic | 1 |
| AntiPGE2 | 1 |
| Protease-Inhibitor | 1 |
| Antiurethrotic | 1 |

| Activity | Chemical Count |
|--------------------------|----------------|
| Antinitrosic | 1 |
| Toxic | 1 |
| Antihypercholesterolemic | 1 |
| Antidiscotic | 1 |
| Antiaphthic | 1 |
| Hemopoietic | 1 |
| Antiperistaltic | 1 |
| Antilipolytic | 1 |
| Proliferant | 1 |
| Anticarpal-Tunnel | 1 |
| Androgenic | 1 |
| Detoxicant (Alcohol) | 1 |
| Antineuritic | 1 |
| Antiherpetic? | 1 |
| Calcium-Channel-Blocker | 1 |
| Antipeptic | 1 |
| Deodorant | 1 |
| Thermogenic | 1 |
| Antiamblyopic | 1 |
| FPTase-Inhibitor | 1 |
| Antipancreatic | 1 |
| Antitumor (Gastric) | 1 |
| Anticancer (Lung) | 1 |
| Acidulant | 1 |
| Cytoprotective | 1 |
| AntiMS | 1 |
| Antispare-Tire | 1 |

| Activity | Chemical Count |
|-------------------------|----------------|
| Anticystitic | 1 |
| Mosquitocide | 1 |
| Febrifuge | 1 |
| Antiototic | 1 |
| Uterorelaxant | 1 |
| Antiinfective | 1 |
| Catabolic | 1 |
| Phospholipase-Inhibitor | 1 |
| 11B-HSD-Inhibitor | 1 |
| Sialogogue | 1 |
| Antiglycosuric | 1 |
| Memorigenic | 1 |
| Cardiomyopathogenic | 1 |
| Antidysphagic | 1 |
| Paralytic | 1 |
| AntiBPH | 1 |
| Hydrocholerectic | 1 |
| Antipneumonic | 1 |
| Convulsant | 1 |
| Renotoxic | 1 |
| Antixerophthalmic | 1 |
| Anticoeliac | 1 |
| Energizer | 1 |
| Trichomonicide | 1 |
| Antihyperkeratotic | 1 |
| Osteogenic | 1 |
| Protisticide | 1 |

| Activity | Chemical Count |
|-------------------------------|----------------|
| Antivaginitic | 1 |
| Anticholestatic | 1 |
| Antiacrodermatitic | 1 |
| DNA-Protective | 1 |
| Antinyctalopic | 1 |
| Antitympanitic | 1 |
| Antipruritic | 1 |
| Larvicide | 1 |
| Angiogenic | 1 |
| Antineurotic | 1 |
| Topoisomerase-I-Antagonist | 1 |
| cAMP-Inhibitor | 1 |
| NADH-Oxidase-Inhibitor | 1 |
| Gonadotrophic | 1 |
| Antiperiodontal | 1 |
| Antileukonychic | 1 |
| Polyamine-Synthesis-Inhibitor | 1 |
| Anticarcinomic (Breast) | 1 |
| Interferon-Synergist | 1 |
| Alpha-Glucosidase-Inhibitor | 1 |
| Depressant | 1 |
| Tineacide | 1 |
| Antihepatomic | 1 |
| Bronchodilator | 1 |
| Antikeshan | 1 |
| Circulotonic | 1 |
| Antitumor (Liver) | 1 |

| Activity | Chemical Count |
|-------------------------|----------------|
| Antiporphyrin | 1 |
| Anticancer (Skin) | 1 |
| Inotropic | 1 |
| Dehydrogenase-Inhibitor | 1 |
| Antimyalgic | 1 |
| Taenicide | 1 |
| Antihemolytic | 1 |
| Antispasmodic | 1 |
| Mucolytic | 1 |
| Fistula-Preventive | 1 |
| Uterotonic | 1 |
| Chelator | 1 |
| Antitumor (CNS) | 1 |
| Anticancer (Esophagus) | 1 |
| Hypouricemic | 1 |
| Spermicide | 1 |
| Arteriodilator | 1 |
| Antishingles | 1 |
| Uricosuric | 1 |
| Antichthyosic | 1 |
| PGE2-Inhibitor | 1 |
| Anticalculic | 1 |
| Copper-Chelator | 1 |
| AntiMeniere's | 1 |
| Antiscorbutic | 1 |
| Erythrocytogenic | 1 |
| Capillariprotective | 1 |

| Activity | Chemical Count |
|---------------------------------|----------------|
| Antitinnitic | 1 |
| Antidyskinetic | 1 |
| P450-Inducer | 1 |
| Comedolytic | 1 |
| Antimastitic | 1 |
| PTK-Inhibitor | 1 |
| Antigallstone | 1 |
| Antiretinopathic | 1 |
| Lipoxygenase-1-Inhibitor | 1 |
| Antiadenomic | 1 |
| Antiobesity? | 1 |
| Antifibromyalgic | 2 |
| Antiulcerogenic | 2 |
| Anorexic | 2 |
| Antidiarrheic | 2 |
| Nephrotoxic | 2 |
| Antianxiety | 2 |
| Preservative | 2 |
| Tissue-Thromboplastin-Inhibitor | 2 |
| Mycobactericide | 2 |
| Antianemic | 2 |
| Antipellagic | 2 |
| Pigment | 2 |
| Insectiphile | 2 |
| Antineoplastic | 2 |
| Cholagogue | 2 |
| Antipodriac | 2 |

| Activity | Chemical Count |
|----------------------------|----------------|
| AntiGTF | 2 |
| MMP-9-Inhibitor | 2 |
| Antitumor (brain) | 2 |
| Antimenorrhagic | 2 |
| Anticomplementary | 2 |
| Fatal | 2 |
| Tyrosine-Kinase-Inhibitor | 2 |
| Antitriglyceride | 2 |
| HIV-RT-Inhibitor | 2 |
| Antigastric | 2 |
| Anticoagulant | 2 |
| Antihyperglycemic | 2 |
| Antipharyngitic | 2 |
| Protein-Kinase-C-Inhibitor | 2 |
| Tranquilizer | 2 |
| AntiTGF-beta | 2 |
| Antineuropathic | 2 |
| TOPO-2-Inhibitor | 2 |
| Myorelaxant | 2 |
| Antiproliferative | 2 |
| Antipoliomyelitic | 2 |
| Mucogenic | 2 |
| Antiallergenic | 2 |
| Antiinfertility | 2 |
| Cathartic | 2 |
| Antitumor (Cervix) | 2 |
| Antiencephalopathic | 2 |

| Activity | Chemical Count |
|----------------------------------|----------------|
| 5-Lipoxygenase-Inhibitor | 2 |
| Antigonadotrophic | 2 |
| Artemicide | 2 |
| Metal-Chelator | 2 |
| Ulcerogenic | 2 |
| Antitubercular | 2 |
| Hypertensive | 2 |
| Reverse-Transcriptase-Inhibitor | 2 |
| Anticold | 2 |
| AntiAGE | 2 |
| Antihyperkinetic | 2 |
| Hepatotropic | 2 |
| cAMP-Phosphodiesterase-Inhibitor | 2 |
| Antithrombic | 2 |
| Antidote (Cadmium) | 2 |
| Antifibrinolytic | 2 |
| Larvostat | 2 |
| Dermatitigenic | 2 |
| Mutagenic | 2 |
| AntiLegionella | 2 |
| Deiodinase-Inhibitor | 2 |
| Antimyocarditic | 2 |
| Antihemorrhagic | 2 |
| Antioxidant Synergist | 2 |
| Acaricide | 2 |
| Antisickling | 2 |
| Cardiotoxic | 2 |

| Activity | Chemical Count |
|---------------------|----------------|
| Antiglaucomic | 2 |
| Anticomplement | 2 |
| MAO-Inhibitor | 2 |
| Estrogenic | 2 |
| Antidysmenorrhic | 2 |
| COMP-Inhibitor | 2 |
| Emetic | 2 |
| Antifibrosarcomic | 2 |
| Anticheilitic | 2 |
| Laxative? | 2 |
| Juvabional | 2 |
| TNF-alpha-Inhibitor | 2 |
| Mycoplasmistat | 2 |
| Antianginal | 2 |
| Antileptic | 2 |
| Piscicide | 2 |
| Antitumor (Ovary) | 2 |
| Anticarcinogenic | 2 |
| Insulin-Sparing | 2 |
| Anticancer (Cervix) | 2 |
| COX-1-Inhibitor | 2 |
| Aromatase-Inhibitor | 2 |
| Anticonvulsant | 2 |
| Antihyperthyroid | 2 |
| Antigastritic | 2 |
| Antirhinitic | 2 |
| Litholytic | 2 |

| Activity | Chemical Count |
|----------------------|----------------|
| Antiaflatoxin | 2 |
| Capillarifortificant | 2 |
| Antidysenteric | 2 |
| Antiphotophobic | 2 |
| Collagenic | 2 |
| Leucocytogenic | 2 |
| Antithiamin | 2 |
| Antidote (Aluminum) | 2 |
| Hemostatic | 2 |
| Anticephalagic | 2 |
| Diaphoretic? | 2 |
| Antistroke | 2 |
| Antianorectic | 2 |
| Co-carcinogenic | 2 |
| Antitumor (Prostate) | 2 |
| Fungistat | 2 |
| VEGF-Inhibitor | 2 |
| Antiendometriotic | 2 |
| Abortifacient | 2 |
| Antimitotic | 2 |
| Antigonadotropic | 2 |
| Antiosteoarthritic | 2 |
| Secretagogue | 2 |
| MAO-A-Inhibitor | 2 |
| Tumorigenic | 2 |
| Antihyperlipidemic | 2 |
| Elastase-Inhibitor | 2 |

| Activity | Chemical Count |
|----------------------------------|----------------|
| Antidote (Lead) | 3 |
| AntiCFS | 3 |
| Topoisomerase-II-Inhibitor | 3 |
| Antitumor (Stomach) | 3 |
| Gastroprotective | 3 |
| Antistomatitic | 3 |
| Antimelanogenic | 3 |
| Antifibrotic | 3 |
| Antilipoperoxidant | 3 |
| Keratolytic | 3 |
| Antidermatitic | 3 |
| Vasopressor | 3 |
| Anticancer (Colon) | 3 |
| AntiEBV | 3 |
| Capillarigenic | 3 |
| Anticervicaldysplasic | 3 |
| Angiotensin-Receptor-Blocker | 3 |
| Topoisomerase-I-Inhibitor | 3 |
| Antiperiodontic | 3 |
| Anticanker | 3 |
| Beta-Adrenergic Receptor Blocker | 3 |
| Antiinsomniac | 3 |
| AntiCrohn's | 3 |
| Sedative | 3 |
| Antilymphomic | 3 |
| Antipyretic | 3 |
| Anthelmintic | 3 |

| Activity | Chemical Count |
|--------------------------------|----------------|
| Neuroprotective | 3 |
| Antiprostatic | 3 |
| Glucosyl-Transferase-Inhibitor | 3 |
| CNS-Depressant | 3 |
| Antifertility | 3 |
| Antihepatitic | 3 |
| Beta-Glucuronidase-Inhibitor | 3 |
| Antistreptococcic | 3 |
| Antipolio | 3 |
| Antiencephalitic | 3 |
| Hypolipidemic | 3 |
| Antitrypanosomic | 3 |
| Antithyroid | 3 |
| Hepatotoxic | 3 |
| AntiRaynaud's | 3 |
| Antidermatotic | 3 |
| Antineuralgic | 3 |
| Antiparkinsonian | 3 |
| Antiestrogenic | 3 |
| Bacteristat | 3 |
| Cyclooxygenase-Activator | 3 |
| Metal-Chelator (Copper) | 3 |
| Herbicide | 3 |
| Anticlastogen | 3 |
| Antiperiodontitic | 4 |
| Detoxicant | 4 |
| Calcium-Antagonist | 4 |

| Activity | Chemical Count |
|---------------------------|----------------|
| Antidementia | 4 |
| Antileishmanic | 4 |
| Allelopathic | 4 |
| Beta-Blocker | 4 |
| Antielastase | 4 |
| Antiseborrheic | 4 |
| Antimaculitic | 4 |
| Antitussive | 4 |
| Antistress | 4 |
| Antiescherichic | 4 |
| Antidandruff | 4 |
| Antimigraine | 4 |
| NO-Inhibitor | 4 |
| Antitumor (Skin) | 4 |
| Vulnerary | 4 |
| Antistaphylococcic | 4 |
| FLavor | 4 |
| Chemopreventive | 4 |
| Antimenopausal | 4 |
| Tyrosinase-Inhibitor | 4 |
| Quinone-Reductase-Inducer | 4 |
| Anticlimacteric | 4 |
| Antiproliferant | 4 |
| Antinephritic | 4 |
| Antiischemic | 4 |
| Antiepileptic | 4 |
| Sunscreen | 4 |

| Activity | Chemical Count |
|-----------------------------------|----------------|
| Antihangover | 4 |
| Antimetastatic | 4 |
| Antialcoholic | 4 |
| Antimelanomic | 4 |
| NF-kB-Inhibitor | 4 |
| Antilithic | 4 |
| Antiprostaglandin | 4 |
| Antianaphylactic | 4 |
| Antidecubitic | 4 |
| Anticoronary | 4 |
| Antieczemic | 4 |
| AntiLyme | 5 |
| Prostaglandin-Synthesis-Inhibitor | 5 |
| Antileukotriene | 5 |
| Irritant | 5 |
| AntiPMS | 5 |
| Prooxidant | 5 |
| Antiangiogenic | 5 |
| Anticarcinomic | 5 |
| Insulinogenic | 5 |
| Antipsoriac | 5 |
| Insectifuge | 5 |
| Phagocytotic | 5 |
| Antiplasmodial | 5 |
| Immunosuppressant | 5 |
| Antiophidic | 5 |
| Prostaglandigenic | 5 |

| Activity | Chemical Count |
|-----------------------------------|----------------|
| Cardiotonic | 5 |
| Antigingivitic | 5 |
| Anticolitic | 5 |
| Laxative | 6 |
| Antinitrosaminic | 6 |
| Antialzheimeran | 6 |
| Ornithine-Decarboxylase-Inhibitor | 6 |
| Antiacne | 6 |
| Hemostat | 6 |
| Antihistaminic | 6 |
| Antiobesity | 6 |
| Antifatigue | 6 |
| Antitumor (Colon) | 6 |
| Antiaging | 6 |
| Carcinogenic | 6 |
| Antisyndrome-X | 6 |
| Astringent | 6 |
| Ubiquit | 6 |
| Antiflu | 6 |
| Antiallergic | 6 |
| Anxiolytic | 6 |
| Antiplateque | 6 |
| Anticariogenic | 7 |
| Antifeedant | 7 |
| ACE-Inhibitor | 7 |
| Antihypertensive | 7 |
| Antinociceptive | 7 |

| Activity | Chemical Count |
|----------------------------|----------------|
| COX-2-Inhibitor | 7 |
| Antitumor (Lung) | 7 |
| Antiasthmatic | 7 |
| Antidepressant | 7 |
| Antitumor (Breast) | 7 |
| Antimalarial | 7 |
| Antirheumatic | 8 |
| Candidicide | 8 |
| Allelochemic | 8 |
| Immunomodulator | 8 |
| Cyclooxygenase-Inhibitor | 8 |
| Antiosteoporotic | 8 |
| Lipoxygenase-Inhibitor | 8 |
| Antitumor-Promoter | 8 |
| Choleretic | 8 |
| Antiarrhythmic | 8 |
| Hypocholesterolemic | 8 |
| Antiaggregant | 8 |
| Xanthine-Oxidase-Inhibitor | 9 |
| Apoptotic | 9 |
| Anticataract | 9 |
| Anticancer | 9 |
| Allergenic | 9 |
| Vasodilator | 9 |
| Antiatherosclerotic | 9 |
| Antiarthritic | 10 |
| Antiherpetic | 10 |

| Activity | Chemical Count |
|----------------------------|----------------|
| Fungicide | 10 |
| Antispasmodic | 10 |
| Antidiabetic | 10 |
| Cardioprotective | 11 |
| Hypoglycemic | 11 |
| Antileukemic | 12 |
| Antiedemic | 12 |
| Immunostimulant | 13 |
| Antihepatotoxic | 13 |
| Antiperoxidant | 13 |
| Analgesic | 14 |
| Cytotoxic | 14 |
| Antiulcer | 14 |
| AntiHIV | 14 |
| Aldose-Reductase-Inhibitor | 14 |
| Hypotensive | 15 |
| Hepatoprotective | 15 |
| Diuretic | 15 |
| Antiradicular | 17 |
| Antimutagenic | 20 |
| Antiseptic | 20 |
| Antiviral | 21 |
| Antitumor | 22 |
| Cancer-Preventive | 28 |
| Antiinflammatory | 30 |
| Antibacterial | 31 |
| Antioxidant | 38 |

| Activity | Chemical Count |
|-----------|----------------|
| Pesticide | 41 |