

Activity	Chemical Count	Reference
<u>11B-HSD-Inhibitor</u>	2	Duke, 1992 *
<u>5-Alpha-Reductase-Inhibitor</u>	5	Duke, 1992 *
<u>5-HT-Inhibitor</u>	1	Duke, 1992 *
<u>5-Lipoxygenase-Inhibitor</u>	2	Duke, 1992 *
<u>Abortifacient</u>	1	Duke, 1992 *
<u>Acaricide</u>	3	Duke, 1992 *
<u>ACE-Inhibitor</u>	5	Duke, 1992 *
<u>Acetylcholinergic</u>	1	Duke, 1992 *
<u>AChE-Inhibitor</u>	1	Grundy, D. L. and Still, C. C., Inhibition of acetylcholinesterases by pulegone-1,2-epoxide, Oest. Biochem. & Physiol., 23, 1985, 383-8.
<u>Acidulant</u>	2	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry
<u>Addictive</u>	1	Science News, 145: 294.
<u>Aggregant</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Aldehyde-Oxidase-Inhibitor</u>	2	Duke, 1992 *
<u>Aldose-Reductase-Inhibitor</u>	14	Duke, 1992 *
<u>Allelochemic</u>	4	Lydon, J. & Duke, S., The potential of pesticides from plants, pp. 1-41 in Craker, L. & Simon, J., eds, Herbs, Spices & Medicinal Plants: Recent Advances in Botany, Horticulture, & Pharmacology, v. 4, Oryx Press, Phoenix, 1989, 267pp.
<u>Allelopathic</u>	4	Holappa, L.D., and Blum*, U. 1991. Effects of Exogenously Applied Ferulic Acid, a Potential Allelopathic Compound, on Leaf Growth, Water Utilization, and Endogenous Abscisic Acid Levels of Tomato, Cucumber, and Bean. J. of Chemical Ecology, 17(5): 865.
<u>Allergenic</u>	13	Martindale's 29th
<u>Alpha-Amylase-Inhibitor</u>	1	Duke, 1992 *
<u>Alpha-Reductase-Inhibitor</u>	1	Duke, 1992 *

Activity	Chemical Count	Reference
Analgesic	16	Martindale's 28th
Androgenic	1	Duke, 1992 *
Androgenic?	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
Anemiagenic	1	Duke, 1992 *
Anesthetic	4	Yamamoto, A., Umemori, S., and Muranishi, S. 1993. Absorption Enhancement of Intrapulmonary Administered Insulin by Various Absorption Enhancers and Protease Inhibitors in Rats. <i>J. Pharm. Pharmacol.</i> 46: 14-18, 1994.
Angiogenic	1	Duke, 1992 *
Angiotensin-Receptor-Blocker	3	Duke, 1992 *
Anorexic	1	Martindale's 28th
Anthelmintic	2	Duke, 1992 *
Antiacetylcholinesterase	4	Duke, 1992 *
Antiacne	6	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
Antiacrodermatitic	1	Martindale's 29th
Antiacrodynic	1	Duke, 1992 *
Antiadenomic	2	Merck 11th Edition
Antiadenoviral	1	Economic & Medicinal Plant Research, 5: 207.
Antiaflatoxin	2	Duke, 1992 *
AntiAGE	1	Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reverse insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95
Antiaggregant	8	Duke, 1992 *
Antiaging	5	Duke, 1992 *
Antiakathisic	1	Martindale's 29th

Activity	Chemical Count	Reference
<u>Antialcoholic</u>	5	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Antiallergic</u>	11	J. Food Hyg. Soc. Jap. 33(6): 569.
<u>Antiallopecic</u>	5	Duke, 1992 *
<u>Antialzheimeran</u>	7	Duke, 1992 *
<u>Antialzheimeran?</u>	1	Grundy, D. L. and Still, C. C., Inhibition of acetylcholinesterases by pulegone-1,2-epoxide, Oest. Biochem. & Physiol., 23, 1985, 383-8.
<u>Antiamblyopic</u>	1	Duke, 1992 *
<u>Antianaphylactic</u>	3	Economic & Medicinal Plant Research, 6: 189.
<u>Antiandrogenic</u>	4	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. Journal of Ethnopharmacology, 28: 221-234, 1990.
<u>Antianemic</u>	3	Duke, 1992 *
<u>Antiangular</u>	2	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Antiangiogenic</u>	3	Duke, 1992 *
<u>Antianorectic</u>	2	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antianorexic</u>	1	Martindale's 29th
<u>Antianxiety</u>	2	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antiaphthic</u>	1	Martindale's 28th
<u>Antiapoplectic</u>	1	Duke, 1992 *
<u>Antiarabiflavinotic</u>	1	Martindale's 28th
<u>Antiarrhythmic</u>	6	Duke, 1992 *
<u>Antiarteriosclerotic</u>	1	Duke, 1992 *
<u>Antiarthritic</u>	10	Duke, 1992 *
<u>Antiasthmatic</u>	7	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.

Activity	Chemical Count	Reference
<u>Antiatherogenic</u>	2	Duke, 1992 *
<u>Antiatheromic</u>	1	Cerda, J.J. Pectin in Health and Disease. HortScience, 25(12): 1485, 1990.
<u>Antiatherosclerotic</u>	9	Duke, 1992 *
<u>Antibacillus</u>	1	Duke, 1992 *
<u>Antibackache</u>	1	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Antibacterial</u>	29	Revista Itiliana Epos, 12: 5, 1994.
<u>Antiberiberi</u>	1	Duke, 1992 *
<u>AntiBPH</u>	1	Duke, 1992 *
<u>Antibronchitic</u>	1	Martindale's 28th
<u>Anticalculic</u>	1	Duke, 1992 *
<u>Anticancer</u>	13	Duke, 1992 *
<u>Anticancer (Breast)</u>	1	Madhavi, D. L., Bomser, J., Smith, M., Singletary, K. 1998. Isolation of Bioactive Constituents from Vaccinium myrtillus (Bilberry) Fruits and Cell Cultures. Plant Sci., 131(1): 95-103.
<u>Anticancer (Cervix)</u>	1	Duke, 1992 *
<u>Anticancer (Colon)</u>	3	Duke, 1992 *
<u>Anticancer (Forestomach)</u>	2	Duke, 1992 *
<u>Anticancer (Liver)</u>	2	Duke, 1992 *
<u>Anticancer (Lung)</u>	1	Duke, 1992 *
<u>Anticancer (Skin)</u>	2	Duke, 1992 *
<u>Anticanker</u>	3	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Anticapillary-Fragility</u>	2	Keeler, R.F. and Tu, A.T. eds. 1991. Toxicology of Plant and Fungal Compounds. (Handbook of Natural Toxins Vol. 6) Marcel Dekker, Inc. NY. 665 pp.
<u>Anticarcinogenic</u>	3	Economic & Medicinal Plant Research, 6: 189.

Activity	Chemical Count	Reference
<u>Anticarcinomic</u>	5	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Anticarcinomic (Breast)</u>	1	Medline (post 1990 searches filed in my computer)
<u>Anticardiospasmic</u>	1	Duke, 1992 *
<u>Anticariogenic</u>	7	Muroi, H. and Kubo, I. 1993. Combination Effects of Antibacterial Compounds in Green Tea Flavor against Streptococcus mutans. <i>J. Agric. Food Chem.</i> 41: 1102-1105.
<u>Anticarpal-Tunnel</u>	1	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Anticataract</u>	7	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Anticephalagic</u>	2	Duke, 1992 *
<u>Anticervicaldysplasic</u>	3	Duke, 1992 *
<u>AntiCFS</u>	2	Duke, 1992 *
<u>Anticheilitic</u>	2	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antichilblain</u>	2	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Anticholestatic</u>	1	Shukla, B., Visen, P.K.S., Patnaik, G.K., Tripathi, S.C., Srimal, R.C., Dayal, R., and Dobhal, P.C. Hepatoprotective Activity in the Rat of Ursolic Acid Isolated from Eucalyptus Hybrid. <i>Phytotherapy Research</i> 6: 74-79, 1992.
<u>Antichoreic</u>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Anticirrhotic</u>	1	Duke, 1992 *
<u>Anticlastogen</u>	2	Duke, 1992 *
<u>Anticlimacteric</u>	3	Duke, 1992 *
<u>Anticoagulant</u>	1	Merck 11th Edition
<u>Anticoeliac</u>	1	Martindale's 28th

Activity	Chemical Count	Reference
<u>Anticold</u>	2	Duke, 1992 *
<u>Anticolic</u>	1	Duke, 1992 *
<u>Anticolitic</u>	3	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Anticomplement</u>	2	Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
<u>Anticomplementary</u>	1	Duke, 1992 *
<u>Anticonvulsant</u>	6	Facciola, S. 1998. Cornucopia - A Source Book of Edible Plants. Kampong Publications, Vista CA. 713 pp.
<u>Anticoronal</u>	4	Duke, 1992 *
<u>AntiCrohn's</u>	4	Martindale's 29th
<u>AntiCTS</u>	1	Duke, 1992 *
<u>AntiCVI</u>	1	Duke, 1992 *
<u>Anticystinuric</u>	1	Duke, 1992 *
<u>Anticystitic</u>	1	Duke, 1992 *
<u>Antidandruff</u>	2	A.L.L. Hunting. Encyclopedia of Shampoo Ingredients. Micelle Press, Cranford NJ. 467 pp.
<u>Antidecubitic</u>	3	Martindale's 28th
<u>Antideliriant</u>	1	Duke, 1992 *
<u>Antidementia</u>	6	Duke, 1992 *
<u>Antidepressant</u>	7	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Antidepressant?</u>	1	Duke, 1992 *
<u>Antidermatitic</u>	5	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antidiabetic</u>	13	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Antidiarrheic</u>	2	Merck 11th Edition
<u>Antidiscotic</u>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antidote (Aluminum)</u>	2	Economic & Medicinal Plant Research, 6: 189.
<u>Antidote (Cadmium)</u>	2	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antidote (Lead)</u>	2	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antidote (Paraquat)</u>	1	Martindale's 28th
<u>Antidote (pesticides)</u>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antidysenteric</u>	1	Duke, 1992 *
<u>Antidysgeuzic</u>	1	Duke, 1992 *
<u>Antidyskinetic</u>	2	Martindale's 28th
<u>Antidysmenorrheic</u>	2	Duke, 1992 *
<u>Antidyspeptic</u>	1	Duke, 1992 *
<u>Antidysphagic</u>	1	Duke, 1992 *
<u>AntiEBV</u>	3	Economic & Medicinal Plant Research, 6: 189.
<u>Antieczemic</u>	3	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Antiedemic</u>	12	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antielastase</u>	4	Duke, 1992 *
<u>Antiencephalitic</u>	2	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antiencephalopathic</u>	3	Martindale's 29th
<u>Antiendometriotic</u>	2	Duke, 1992 *
<u>Antienteritic</u>	1	Duke, 1992 *
<u>Antienterotic</u>	1	Duke, 1992 *
<u>Antiepileptic</u>	4	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Antierythemic</u>	1	Duke, 1992 *
<u>Antiescherichic</u>	4	Duke, 1992 *
<u>Antiesophagitic</u>	1	Duke, 1992 *
<u>Antiestrogenic</u>	3	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. <i>Journal of Ethnopharmacology</i> , 28: 221-234, 1990.
<u>Antifatigue</u>	4	Davies, S., and Stewart, A. 1990. <i>Nutritional Medicine</i> . Avon Books, New York. 509pp.
<u>Antifeedant</u>	8	Duke, 1992 *
<u>Antifertility</u>	4	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. <i>Journal of Ethnopharmacology</i> , 28: 221-234, 1990.
<u>Antifibrinolytic</u>	2	Economic & Medicinal Plant Research, 1: 53.
<u>Antifibromyalgic</u>	2	Duke, 1992 *
<u>Antifibrosarcomic</u>	2	Duke, 1992 *
<u>Antifibrotic</u>	2	Duke, 1992 *
<u>Antiflu</u>	6	Economic & Medicinal Plant Research, 5: 195.
<u>Antifuruncular</u>	1	Martindale's 28th
<u>Antigallstone</u>	2	Duke, 1992 *
<u>Antigastric</u>	1	Rastitel'nye Resursy, 21: 85.
<u>Antigastritic</u>	3	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
<u>Antigastrotic</u>	1	Duke, 1992 *
<u>Antigenotoxic</u>	1	Duke, 1992 *
<u>Ant gingivitic</u>	3	Duke, 1992 *
<u>Antiglaucomic</u>	3	Werbach, M. 1993. <i>Healing with Food</i> . Harper Collins, New York, 443 pp.
<u>Antiglossitic</u>	1	Davies, S., and Stewart, A. 1990. <i>Nutritional Medicine</i> . Avon Books, New York. 509pp.
<u>Antiglutamaergic</u>	1	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Antigonadotrophic</u>	1	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. <i>Journal of Ethnopharmacology</i> , 28: 221-234, 1990.
<u>Antigonadotropic</u>	3	Jim Duke's personal files.
<u>Antigranular</u>	1	Duke, 1992 *
<u>AntiGTF</u>	1	Duke, 1992 *
<u>Antihalitosic</u>	1	American Health, 12(4): 17, 1993.
<u>Antihangover</u>	5	Duke, 1992 *
<u>Antiheartburn</u>	1	Duke, 1992 *
<u>Antihelicobacter</u>	1	Duke, 1992 *
<u>Antihematuric</u>	1	Duke, 1992 *
<u>Antihemolytic</u>	2	Ohnishi, M., Morishita, H., Iwahashi, H., Toda, S., Shirataki, Y., Kimura, M., and Kido, R. 1993. Inhibitory Effects of Chlorogenic Acids on Linoleic Acid Peroxidation and Haemolysis. <i>Phytochemistry</i> . 36(3): 579-583. 1994.
<u>Antihemorrhagic</u>	1	Davies, S., and Stewart, A. 1990. <i>Nutritional Medicine</i> . Avon Books, New York. 509pp.
<u>Antihemorrhoidal</u>	1	Duke, 1992 *
<u>Antihepatitic</u>	1	Davies, S., and Stewart, A. 1990. <i>Nutritional Medicine</i> . Avon Books, New York. 509pp.
<u>Antihepatoadenomic</u>	1	Duke, 1992 *
<u>Antihepatotoxic</u>	15	Duke, 1992 *
<u>Antiherpetic</u>	8	Duke, 1992 *
<u>Antiherpetic?</u>	1	Duke, 1992 *
<u>Antihiccup</u>	1	Martindale's 29th
<u>Antihistaminic</u>	11	J. Food Hyg. Soc. Jap. 33(6): 569.
<u>AntiHIV</u>	9	Kashiwada, Y., et. al. 1998. Anti-AIDS Agents. 30. Anti-HIV Activity of Oleanolic Acid, Pomic acid, and Structurally Related Triterpenoids. <i>J. Nat. Prod.</i> , 61 (9): 1090-1095.
<u>Antihomocysteine</u>	1	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Antihydrophobic</u>	1	Vlietinck, A.J. and Domisse, R.A. eds. 1985. Advances in Medicinal Plant Research. Wiss. Verlag. Stuttgart.
<u>Antihyperactivity</u>	1	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Antihypercholesterolemic</u>	2	Economic & Medicinal Plant Research, 6: 189.
<u>Antihyperglycemic</u>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Antihyperkeratotic</u>	1	Duke, 1992 *
<u>Antihyperkinetic</u>	2	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antihyperlipidemic</u>	2	Duke, 1992 *
<u>Antihyperlipoproteinaemic</u>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Antihypertensive</u>	8	Duke, 1992 *
<u>Antihyperthyroid</u>	2	Duke, 1992 *
<u>Antihypoglycemic</u>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antiichthyotic</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Basty College Publications, Seattle, Washington (Looseleaf).
<u>Antiimplantation</u>	1	Duke, 1992 *
<u>Antiimpotence</u>	1	Martindale's 29th
<u>Antiinfective</u>	1	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Antiinfertility</u>	2	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Antiinflammatory</u>	28	Martindale's 28th
<u>Antiinsomniac</u>	3	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.

Activity	Chemical Count	Reference
<u>Antiinsomnic</u>	1	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Antiischemic</u>	2	Duke, 1992 *
<u>Antikeratitic</u>	1	Duke, 1992 *
<u>Antiketotic</u>	2	Merck 11th Edition
<u>AntiLegionella</u>	2	Duke, 1992 *
<u>Antileishmanic</u>	3	Duke, 1992 *
<u>Antilepric</u>	2	Martindale's 28th
<u>Antileukemic</u>	11	Duke, 1992 *
<u>Antileukonychic</u>	1	Duke, 1992 *
<u>Antileukoplakic</u>	1	Duke, 1992 *
<u>Antileukorrheic</u>	1	Martindale's 29th
<u>Antileukotriene</u>	4	Duke, 1992 *
<u>Antileukotriene-D4</u>	2	Duke, 1992 *
<u>Antilipolytic</u>	1	Duke, 1992 *
<u>Antilipoperoxidant</u>	2	Duke, 1992 *
<u>Antilisteria</u>	1	Duke, 1992 *
<u>Antilithic</u>	5	Duke, 1992 *
<u>Antilupus</u>	1	Martindale's 28th
<u>AntiLyme</u>	5	Duke, 1992 *
<u>Antilymphocytic</u>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Antilymphomic</u>	5	Duke, 1992 *
<u>Antimaculitic</u>	3	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Antimalarial</u>	6	Khalid, S.A., Farouk, A., Geary**, T.G., and Jensen, J.B. 1985. Potential Antimalarial Candidates From African Plants: An In Vitro Approach Using Plasmodium falciparum*. Journal of Ethnopharmacology, 15: 201-209, 1986.
<u>Antimange</u>	1	Duke, 1992 *
<u>Antimanic</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antimastalgic</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antimastitic</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antimeasles</u>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antimelanogenic</u>	2	Duke, 1992 *
<u>Antimelanomic</u>	3	New York Times, 3/28/95.
<u>AntiMeniere's</u>	1	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<u>Antimenopausal</u>	3	Duke, 1992 *
<u>Antimenorrhagic</u>	2	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antimetastatic</u>	5	Duke, 1992 *
<u>Antimetastatic (Stomach)</u>	1	Duke, 1992 *
<u>Antimigraine</u>	4	Martindale's 29th
<u>Antomite</u>	1	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Antimitotic</u>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Antimital-valve-prolapse</u>	1	Duke, 1992 *
<u>AntiMS</u>	2	Economic & Medicinal Plant Research, 6: 189.
<u>Antimutagenic</u>	18	Economic & Medicinal Plant Research, 6: 235.
<u>Antimyalgic</u>	1	Martindale's 28th
<u>Antimyocarditic</u>	2	Economic & Medicinal Plant Research, 5: 199.
<u>Antinauseant</u>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Antineoplastic</u>	1	Duke, 1992 *
<u>Antinephritic</u>	4	Duke, 1992 *
<u>Antinephrolytic</u>	1	Duke, 1992 *
<u>Antineuralgic</u>	4	Duke, 1992 *
<u>Antineuramidase</u>	1	Duke, 1992 *
<u>Antineurasthenic</u>	1	Duke, 1992 *
<u>Antineuritic</u>	1	Duke, 1992 *
<u>Antineuropathic</u>	2	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Antineurotic</u>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antinitrosaminic</u>	6	Ki Soon Rhee. Oilseed Food Ingredients Used To Minimize Oxidative Flavor Deterioration in Meat Products. Phenolic Compounds in Food and Their Effects on Health, Ch.18.
<u>Antinitrosic</u>	1	Martindale's 28th
<u>Antinociceptive</u>	10	Rao, V.S.N., Menezes, A.M.S., Viana, G.S.B. 1990. Effect of myrcene on nociception in mice. J. Pharm. Pharmacol. 42: 877-878, 1990.
<u>Antinyctalopic</u>	1	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Antiobesity</u>	6	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Antiobesity?</u>	1	Internat. J. Oriental Med. 16: 4.
<u>Antiodontalgic</u>	2	Martindale's 28th
<u>Antiophidic</u>	4	Economic & Medicinal Plant Research, 5: 363.
<u>Antiphthalmic</u>	1	Martindale's 29th
<u>Antiorchitic</u>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antiosteoarthritic</u>	1	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Antiosteoporotic</u>	6	Duke, 1992 *
<u>Antitotic</u>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antioxalate</u>	1	Duke, 1992 *
<u>Antioxidant</u>	30	Duke, 1992 *
<u>Antioxidant Synergist</u>	3	Merck 11th Edition
<u>Antiozenic</u>	1	Duke, 1992 *
<u>Antipancreatic</u>	1	Joseph, J., Nadeau, D. and Underwood, A. 2001. The Color Code. Hyperion, NY.
<u>Antipapillomic</u>	1	Duke, 1992 *
<u>Antiparkinsonian</u>	3	Duke, 1992 *
<u>Antiparotitic</u>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antipellagric</u>	2	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antipeptic</u>	1	Duke, 1992 *
<u>Antiperiodontal</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antiperiodontic</u>	2	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Antiperiodontitic</u>	3	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Antiperistaltic</u>	1	Duke, 1992 *
<u>Antipermeability</u>	1	Duke, 1992 *
<u>Antiperoxidant</u>	8	Planta Medica, 57: A54, 1991.
<u>AntiPGE2</u>	1	Duke, 1992 *
<u>Antipharyngitic</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antiphenylketonuric</u>	1	Martindale's 29th
<u>Antiphotophobic</u>	2	Martindale's 29th
<u>Antipityriasic</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antiplaque</u>	5	Duke, 1992 *
<u>Antiplasmodial</u>	4	Duke, 1992 *
<u>Antiplatelet</u>	1	Duke, 1992 *
<u>AntiPMS</u>	5	Duke, 1992 *
<u>Antipneumonic</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antipodriac</u>	2	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antipolio</u>	3	Jim Duke's personal files.
<u>Antipoliomyelic</u>	2	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antiporphyric</u>	1	Martindale's 28th
<u>Antiprogestational</u>	1	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. Journal of Ethnopharmacology, 28: 221-234, 1990.

Activity	Chemical Count	Reference
<u>Antipro lactin</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antiproliferant</u>	5	Duke, 1992 *
<u>Antiproliferative</u>	1	Duke, 1992 *
<u>Antiprostaglandin</u>	3	Duke, 1992 *
<u>Antiprostanoid</u>	1	Duke, 1992 *
<u>Antiprostatadenomic</u>	1	Merck 11th Edition
<u>Antiprostatitic</u>	4	Duke, 1992 *
<u>Antiprotozoal</u>	1	Duke, 1992 *
<u>Antipruritic</u>	2	Yamamoto, A., Umemori, S., and Muranishi, S. 1993. Absorption Enhancement of Intrapulmonary Administered Insulin by Various Absorption Enhancers and Protease Inhibitors in Rats. <i>J. Pharm. Pharmacol.</i> 46: 14-18, 1994.
<u>Antipsoriac</u>	2	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antipurpuric</u>	1	Duke, 1992 *
<u>Antipyretic</u>	3	Economic & Medicinal Plant Research, 6: 189.
<u>Antiradicular</u>	12	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Anti Raynaud's</u>	3	Duke, 1992 *
<u>Antirenitic</u>	1	Uchida, U., Ohta, H., Niwa, M., Mori, A., Nonaka, G-i., Nishioka, I., and Zaki, M. 1989. Prolongation of Life Span of Stroke-Prone Spontaneously Hypertensive Rats (SHRSP) Ingesting Persimmon Tannin. <i>Chem. Pharm. Bull.</i> 38(4): 1049-1052, 1990.

Activity	Chemical Count	Reference
<u>Antiretinopathic</u>	1	Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reverse insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95
<u>Antiretinotic</u>	1	Duke, 1992 *
<u>Antirheumatalgic</u>	1	Martindale's 28th
<u>Antirheumatic</u>	7	Martindale's 28th
<u>Antirhinitic</u>	1	Duke, 1992 *
<u>Antisalmonella</u>	2	Duke, 1992 *
<u>Antisarcomic</u>	1	Duke, 1992 *
<u>Antischizophrenic</u>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antiscorbutic</u>	1	Martindale's 28th
<u>Antiscotomic</u>	1	Duke, 1992 *
<u>Antiseborrheic</u>	3	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antiseptic</u>	20	Wagner & Wolff, eds. 1977. New Natural Products (RS164. 156. 176)
<u>Antiserotonin</u>	2	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Antishingles</u>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antishock</u>	1	Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.
<u>Antisinusitic</u>	1	Martindale's 28th
<u>Antispare-Tire</u>	1	Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reverse insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95

Activity	Chemical Count	Reference
<u>Antispasmodic</u>	18	Fitoterapia No.59-1984.
<u>Antispasmophilic</u>	1	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Antistaphylococcic</u>	5	Duke, 1992 *
<u>Antisteatotic</u>	1	Duke, 1992 *
<u>Antistomatisitic</u>	2	Economic & Medicinal Plant Research, 5: 207.
<u>Antistreptococcic</u>	3	Duke, 1992 *
<u>Antistress</u>	4	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antistroke</u>	2	Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reserve insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95
<u>Antisunburn</u>	3	Duke, 1992 *
<u>Antisyndrome-X</u>	4	Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reserve insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95
<u>Antitartar</u>	1	Duke, 1992 *
<u>AntiTGF-beta</u>	2	Duke, 1992 *
<u>Antithiamin</u>	2	Phenolic Compounds in Food and Their Effects on Health, 69.
<u>Antithrombic</u>	2	Duke, 1992 *
<u>Antithrombogenic</u>	1	Duke, 1992 *
<u>Antithromboxane</u>	1	Duke, 1992 *
<u>Antithyroid</u>	3	Jim Duke's personal files.
<u>Antithyrotoxic</u>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antitic</u>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Antitinnitic</u>	1	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.

Activity	Chemical Count	Reference
<u>Antitriglyceride</u>	1	Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reserve insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95
<u>Antitrypanosomic</u>	3	Planta Medica, 57: A44, 1991.
<u>Antitubercular</u>	2	Duke, 1992 *
<u>Antitumor</u>	22	Duke, 1992 *
<u>Antitumor (Bladder)</u>	1	Duke, 1992 *
<u>Antitumor (brain)</u>	1	Chiang, L. C., Chiang, W., Chang, M. Y., Ng, L. T., Lin, C. C. 2003. Antileukemic activity of selected natural products in Taiwan. Am J Chin Med, 31(1):37-46.
<u>Antitumor (Breast)</u>	6	Duke, 1992 *
<u>Antitumor (Cervix)</u>	2	Duke, 1992 *
<u>Antitumor (CNS)</u>	1	Duke, 1992 *
<u>Antitumor (Colon)</u>	8	Duke, 1992 *
<u>Antitumor (Forestomach)</u>	2	Duke, 1992 *
<u>Antitumor (Gastric)</u>	1	Duke, 1992 *
<u>Antitumor (Kidney)</u>	1	Chiang, L. C., Chiang, W., Chang, M. Y., Ng, L. T., Lin, C. C. 2003. Antileukemic activity of selected natural products in Taiwan. Am J Chin Med, 31(1):37-46.
<u>Antitumor (Liver)</u>	2	Duke, 1992 *
<u>Antitumor (Lung)</u>	6	Duke, 1992 *
<u>Antitumor (Ovary)</u>	2	Duke, 1992 *
<u>Antitumor (Pancreas)</u>	2	Duke, 1992 *
<u>Antitumor (Prostate)</u>	3	Duke, 1992 *
<u>Antitumor (Skin)</u>	4	Duke, 1992 *
<u>Antitumor (Stomach)</u>	3	Duke, 1992 *
<u>Antitumor-Promoter</u>	10	Cancer Research, 48: 5941.
<u>Antitussive</u>	3	Duke, 1992 *

Activity	Chemical Count	Reference
Antiulcer	17	Duke, 1992 *
Antiulcerogenic	1	Duke, 1992 *
Antiurethrotic	1	Duke, 1992 *
Antivaccinia	1	Economic & Medicinal Plant Research, 5: 207.
Antivaginitic	2	Martindale's 29th
Antivaricose	2	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Antivertigo	1	Duke, 1992 *
Antiviral	20	Duke, 1992 *
Antiviral?	1	Martindale's 29th
Antivulvitic	1	Duke, 1992 *
Antiwrinkle	1	Duke, 1992 *
Antixerophthalmic	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
Antixerotic	1	Martindale's 29th
Anxiolytic	5	Duke, 1992 *
Aphidifuge	1	Lugemwa, F.N., Huang, F-Y., Bentley, M.D., Mendel, M.J., and Alford, A.R. 1990. A Heliothis zea Antifeedant from the Abundant Birchbark Triterpene Betulin. J. Agric. Food Chem. 38(2): 493-494.
Apoptotic	7	Duke, 1992 *
Aromatase-Inhibitor	3	Duke, 1992 *
Artemicide	2	Jung, J.H., Pummangura, S., Chaichantipyuth, c., Patarapanich, C., and McLaughlin, J.L. 1989. Bioactive Constituents of Melodorum fruticosum. Phytochemistry. 29(5): 1667-1670. 1990.
Arteriodilator	1	Ozaki, Y. and Ma, J-P. 1989. Inhibitory Effects of Tetramethylpyrazine and Ferulic Acid on Spontaneous Movement of Rat Uterus in Situ. Chem. Pharm. Bull. 38(6): 1620-1623, 1990.

Activity	Chemical Count	Reference
<u>Asthma-preventive</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Astringent</u>	1	Martindale's 28th
<u>Atherogenic</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>ATPase-Inhibitor</u>	1	Nigg, H.N. and Seigler, D.S., eds. 1992. Phytochemical Resources for Medicine and Agriculture. Plenum Press, New York. 445 pp.
<u>Autotoxic</u>	1	Duke, 1992 *
<u>Bacteriostatic</u>	1	Chin. J. Tuber. Respir. Dis.
<u>Bacteristat</u>	3	Duke, 1992 *
<u>Barbituate-Synergist</u>	1	Duke, 1992 *
<u>Beta-Adrenergic Receptor Blocker</u>	1	Duke, 1992 *
<u>Beta-Blocker</u>	4	Duke, 1992 *
<u>Beta-Glucuronidase-Inhibitor</u>	3	Duke, 1992 *
<u>Bradycardiac</u>	1	Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.
<u>Bradycardic</u>	1	Martindale's 28th
<u>Bronchomucolytic</u>	1	Advance in Chinese Medicinal Materials Research. 1985. Eds. H. M. Chang, H. W. Yeung, W. -W. Tso and A. Koo. World Scientific Publishing Co., Philadelphia Pa., page 200.
<u>Bronchomucotropic</u>	1	Yamamoto, A., Umemori, S., and Muranishi, S. 1993. Absorption Enhancement of Intrapulmonary Administered Insulin by Various Absorption Enhancers and Protease Inhibitors in Rats. <i>J. Pharm. Pharmacol.</i> 46: 14-18, 1994.
<u>Bronchoprotectant</u>	1	Duke, 1992 *
<u>Bronchorelaxant</u>	1	Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.

Activity	Chemical Count	Reference
<u>Bronchorrheic</u>	1	Advance in Chinese Medicinal Materials Research. 1985. Eds. H. M. Chang, H. W. Yeung, W. -W. Tso and A. Koo. World Scientific Publishing Co., Philadelphia Pa., page 200.
<u>Bruchifuge</u>	1	Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.
<u>Bruchiphobe</u>	1	Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.
<u>Calcium-Antagonist</u>	5	Duke, 1992 *
<u>Calcium-Channel-Blocker</u>	1	Duke, 1992 *
<u>Calmodulin-Antagonist</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>cAMP-Inhibitor</u>	1	Schussler, M., Fricke, U., Nikolov, N., and Holzl, J. 1991. Comparison of the Flavonoids Occurring in Crataegus species and Inhibition of 3',5'-Cyclic Adenosine Monophosphate Phosphodiesterase. Plant Medica 57: Suppl Issue 2. p.A-133.
<u>cAMP-Phosphodiesterase-Inhibitor</u>	3	Duke, 1992 *
<u>Cancer-Preventive</u>	29	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.
<u>Candidicide</u>	8	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 155.
<u>Candidstat</u>	2	Duke, 1992 *
<u>Capillarifortificant</u>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Capillarigenic</u>	2	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Capillariprotective</u>	2	Merck 11th Edition
<u>Carcinogenic</u>	7	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Cardiac</u>	1	Ozaki, Y. and Ma, J-P. 1989. Inhibitory Effects of Tetramethylpyrazine and Ferulic Acid on Spontaneous Movement of Rat Uterus in Situ. <i>Chem. Pharm. Bull.</i> 38(6): 1620-1623, 1990.
<u>Cardiodepressant</u>	1	Duke, 1992 *
<u>Cardioprotective</u>	8	Duke, 1992 *
<u>Cardiotonic</u>	2	Duke, 1992 *
<u>Cardiotoxic</u>	1	Duke, 1992 *
<u>Carminative</u>	2	Yamamoto, A., Umemori, S., and Muranishi, S. 1993. Absorption Enhancement of Intrapulmonary Administered Insulin by Various Absorption Enhancers and Protease Inhibitors in Rats. <i>J. Pharm. Pharmacol.</i> 46: 14-18, 1994.
<u>Caspase-8-Inducer</u>	1	Duke, 1992 *
<u>Catabolic</u>	2	Duke, 1992 *
<u>Cerebrotonic</u>	1	Duke, 1992 *
<u>Chelator</u>	1	Duke, 1992 *
<u>Chemopreventive</u>	8	Duke, 1992 *
<u>Cholagogue</u>	3	Wichtl, M. 1984. <i>Teedrogen. Ein Handbuch fur Apotheker und Arzte. Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart.</i> 393 pp.
<u>Choleretic</u>	9	Williamson, E. M. and Evans, F. J., <i>Potter's New Cyclopaedia of Botanical Drugs and Preparations</i> , Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
<u>Cholesterolytic</u>	1	Duke, 1992 *
<u>Cholinergic</u>	1	Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. <i>Herbal Medicine - A Guide for Health-care Professionals</i> . The Pharmaceutical Press, London. 296pp.
<u>Cicatrizant</u>	1	Duke, 1992 *
<u>Ciliotoxic</u>	1	Yamamoto, A., Umemori, S., and Muranishi, S. 1993. Absorption Enhancement of Intrapulmonary Administered Insulin by Various Absorption Enhancers and Protease Inhibitors in Rats. <i>J. Pharm. Pharmacol.</i> 46: 14-18, 1994.

Activity	Chemical Count	Reference
<u>Circulotonic</u>	1	Duke, 1992 *
<u>Clastogenic</u>	2	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>CNS-Active</u>	2	Wichtl, M. 1984. Teedrogen. Ein Handbuch fur Apotheker und Arzte. Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.
<u>CNS-Depressant</u>	4	Duke, 1992 *
<u>CNS-Paralytic</u>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>CNS-Stimulant</u>	2	Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.
<u>Co-carcinogenic</u>	1	Duke, 1992 *
<u>Cold-preventive</u>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Collagen-Sparing</u>	2	Duke, 1992 *
<u>Collagenic</u>	2	Duke, 1992 *
<u>Collyrium</u>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Colorant</u>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Comedolytic</u>	1	Duke, 1992 *
<u>COMT-Inhibitor</u>	1	Duke, 1992 *
<u>Congestant</u>	1	Yamamoto, A., Umemori, S., and Muranishi, S. 1993. Absorption Enhancement of Intrapulmonary Administered Insulin by Various Absorption Enhancers and Protease Inhibitors in Rats. <i>J. Pharm. Pharmacol.</i> 46: 14-18, 1994.

Activity	Chemical Count	Reference
<u>Convulsant</u>	1	R.J. Hixtable (Huxtable, R.J. (as T. Max). 1992. This and That: The Essential Pharmacology of Herbs and Spices. Tips 13:15-20 Huxtable, R.J. 1992b. The Myth of Benificent Nature. The Risk of Herbal Preparations. Anns. Intern. Med. 117(2):165-6; Huxtable, R.
<u>Copper-Antagonist</u>	1	Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reservse insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95
<u>Copper-Chelator</u>	2	Duke, 1992 *
<u>Cosmetic</u>	4	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Counterirritant</u>	1	Duke, 1992 *
<u>COX-1-Inhibitor</u>	2	Duke, 1992 *
<u>COX-2-Inhibitor</u>	7	Duke, 1992 *
<u>Culicide</u>	1	Duke, 1992 *
<u>Cyanogenic</u>	2	Duke, 1992 *
<u>Cyclooxygenase-Activator</u>	1	Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
<u>Cyclooxygenase-Inhibitor</u>	5	Duke, 1992 *
<u>Cytochrome-P450-1A2-Inhibitor</u>	1	Duke, 1992 *
<u>Cytoprotective</u>	2	Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
<u>Cytotoxic</u>	10	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Decongestant?</u>	1	Eccles, R., et al. 1989. The effects of oral administration of (-)-menthol on nasal resistance to airflow and nasal sensation of airflow in subjects suffering from nasal congestion associated with the common cold. <i>J. Pharm. Pharmacol.</i> 42: 652-654, 1990.
<u>Deiodinase-Inhibitor</u>	1	Jim Duke's personal files.
<u>Demulcent</u>	3	Duke, 1992 *
<u>Deodorant</u>	2	Can. Pharm. Assoc. Medication. 1988
<u>Dermatitigenic</u>	2	Duke, 1992 *
<u>Detoxicant</u>	2	Duke, 1992 *
<u>Detoxicant (Alcohol)</u>	1	Duke, 1992 *
<u>Diaphoretic</u>	2	Huang, K. C. 1993. <i>The Pharmacology of Chinese Herbs.</i> CRC Press, Boca Raton, FL 388 pp.
<u>Diaphoretic?</u>	3	Lawrence Review of Natural Products, Dec-90.
<u>Differentiator</u>	1	Duke, 1992 *
<u>Disinfectant</u>	1	Martindale's 29th
<u>Diuretic</u>	14	Duke, 1992 *
<u>DNA-Active</u>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants.</i> Taylor & Frost, London. 791 pp.
<u>DNA-Protective</u>	1	Duke, 1992 *
<u>Elastase-Inhibitor</u>	2	Duke, 1992 *
<u>Emetic</u>	4	Merck 11th Edition
<u>Enterocontractant</u>	1	<i>J. Aromatherapy</i> 4: 22.
<u>Enterorelaxant</u>	1	<i>J. Aromatherapy</i> 4: 22.
<u>Ergogenic</u>	1	Duke, 1992 *
<u>Estrogenic</u>	5	Duke, 1992 *
<u>Estrogenic?</u>	1	Economic & Medicinal Plant Research, 6: 189.

Activity	Chemical Count	Reference
<u>Expectorant</u>	4	Yamamoto, A., Umemori, S., and Muranishi, S. 1993. Absorption Enhancement of Intrapulmonary Administered Insulin by Various Absorption Enhancers and Protease Inhibitors in Rats. <i>J. Pharm. Pharmacol.</i> 46: 14-18, 1994.
<u>Fatal</u>	1	Martindale's 29th
<u>Febrifuge</u>	1	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
<u>Fibrinolytic</u>	1	Duke, 1992 *
<u>Fistula-Preventive</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Flatugenic</u>	1	Singh, J., Gupta, K., and Arora, S.K. 1993. Changes in the anti-nutritional factors of developing seeds and pod walls of fenugreek (<i>Trigonella foenum graecum L.</i>). <i>Plant Foods for Human Nutrition.</i> 46: 77-84, 1994.
<u>FLavor</u>	15	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry
<u>FPTase-Inhibitor</u>	1	Duke, 1992 *
<u>Fungicide</u>	14	Duke, 1992 *
<u>Fungiphilic</u>	1	<i>J. Agric. Food Chem.</i> 43: 2283.
<u>Fungistat</u>	1	Duke, 1992 *
<u>GABA-nergic</u>	1	Duke, 1992 *
<u>Gastroprotective</u>	3	Duke, 1992 *
<u>Gastrosedative</u>	1	Merck 11th Edition
<u>Glucosyl-Transferase-Inhibitor</u>	2	Duke, 1992 *
<u>Gonadotrophic</u>	1	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. <i>Journal of Ethnopharmacology,</i> 28: 221-234, 1990.
<u>GST-Inducer</u>	1	Duke, 1992 *
<u>Hemolytic</u>	1	Bisset, N.G., ed. 1994. <i>Herbal Drugs and Phytopharmaceuticals.</i> CRC Press. Boca Raton, FL. 566 pp.

Activity	Chemical Count	Reference
<u>Hemopoietic</u>	1	Duke, 1992 *
<u>Hemostat</u>	4	Duke, 1992 *
<u>Hemostatic</u>	1	Merck 11th Edition
<u>Hepatocarcinogenic</u>	1	Duke, 1992 *
<u>Hepatomagenic</u>	2	Phenolic Compounds in Food and Their Effects on Health. Antioxidants & Cancer Prevention. Huang, M.T., Ho, C.T. and Lee, C.Y. eds. 1992. ACS Symposium Series 507.ACS, Washington 402 pp.
<u>Hepatoprotective</u>	16	Duke, 1992 *
<u>Hepatotoxic</u>	1	Duke, 1992 *
<u>Hepatotropic</u>	2	Duke, 1992 *
<u>Herbicide</u>	3	Keeler, R.F. and Tu, A.T. eds. 1991. Toxicology of Plant and Fungal Compounds. (Handbook of Natural Toxins Vol. 6) Marcel Dekker, Inc. NY. 665 pp.
<u>Histamine-Inhibitor</u>	2	Duke, 1992 *
<u>Histaminic</u>	1	Duke, 1992 *
<u>HIV-RT-Inhibitor</u>	2	Garcia, J., Morin,* C., Nyasse, B., Sondengam, B-L., Tchouankeu, J-C., and Tsamo, E. Complete Structural Assignments Of An Ergosterol Derivative From Entandrophragma utile. Journal of Natural Products, 54(1): 136-142, 1991.
<u>Hydrocholerectic</u>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Hypercholesterolemic</u>	4	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Hyperglycemic</u>	1	Merck 11th Edition
<u>Hypertensive</u>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Hypnotic</u>	1	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Hypocholesterolemic</u>	16	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Hypoglycemic</u>	9	Ivorra, M.D., Paya, M., and Villar, A. 1989. A Review of Natural Products and Plants as Potential Antidiabetic Drugs. <i>Journal of Ethnopharmacology</i> , 27: 243-275, 1989.
<u>Hypolipemic</u>	2	Duke, 1992 *
<u>Hypolipidemic</u>	3	Duke, 1992 *
<u>Hypotensive</u>	15	Duke, 1992 *
<u>Hypothermic</u>	2	Duke, 1992 *
<u>Hypouricemic</u>	1	Duke, 1992 *
<u>ICAM-1-Inhibitor</u>	1	Duke, 1992 *
<u>Ileorelaxant</u>	2	Duke, 1992 *
<u>Immunomodulator</u>	8	Economic & Medicinal Plant Research, 6: 189.
<u>Immunostimulant</u>	9	Duke, 1992 *
<u>Immunosuppressant</u>	2	Duke, 1992 *
<u>Inflammatory</u>	1	Duke, 1992 *
<u>iNOS-Inhibitor</u>	2	Duke, 1992 *
<u>Inotropic</u>	2	Duke, 1992 *
<u>Insecticide</u>	6	Duke, 1992 *
<u>Insectifuge</u>	12	Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.
<u>Insectiphile</u>	3	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Insulinase-Inhibitor</u>	1	Economic & Medicinal Plant Research, 6: 157.
<u>Insulinogenic</u>	3	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Insulinotonic</u>	1	Economic & Medicinal Plant Research, 6: 157.

Activity	Chemical Count	Reference
<u>Interferon-Synergist</u>	1	Duke, 1992 *
<u>Interferonogenic</u>	2	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Interleukin-6-Inhibitor</u>	2	Duke, 1992 *
<u>Iodothyronine-Deiodinase-Inhibitor</u>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Irritant</u>	12	Yamamoto, A., Umemori, S., and Muranishi, S. 1993. Absorption Enhancement of Intrapulmonary Administered Insulin by Various Absorption Enhancers and Protease Inhibitors in Rats. <i>J. Pharm. Pharmacol.</i> 46: 14-18, 1994.
<u>JNK-Inhibitor</u>	1	Duke, 1992 *
<u>Juvabional</u>	3	Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.
<u>Keratolytic</u>	1	Martindale's 28th
<u>Larvicide</u>	2	Duke, 1992 *
<u>Larvistat</u>	3	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Laxative</u>	5	Duke, 1992 *
<u>Laxative?</u>	2	Lawrence Review of Natural Products, Sep-91.
<u>Leptogenic</u>	1	Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reverse insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95
<u>Leucocytogenic</u>	2	Duke, 1992 *
<u>Leukotriene-Inhibitor</u>	2	Duke, 1992 *
<u>Lipolytic</u>	2	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Lipotropic</u>	1	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Lipoxygenase-Inhibitor</u>	8	Oszmianski, J. and Lee, C.Y. 1990. Inhibitory Effect of Phenolics on Carotene Bleaching in Vegetables. <i>J. Agric. Food Chem.</i> 38: 688-690.
<u>Lithogenic</u>	2	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<u>Litholytic</u>	2	Martindale's 29th
<u>Lubricant</u>	3	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Lyase-Inhibitor</u>	1	Duke, 1992 *
<u>MAO-A-Inhibitor</u>	1	Duke, 1992 *
<u>MAO-Inhibitor</u>	2	Duke, 1992 *
<u>Mast-Cell-Stabilizer</u>	1	Duke, 1992 *
<u>Memorigenic</u>	1	Duke, 1992 *
<u>Memory-Enhancer</u>	1	Science News, 138: 189, 1990.
<u>Metal-Chelator</u>	3	McEvily, A.J., Iyengar, R., and Gross, A.T. Inhibition of Polyphenol Oxidase by Phenolic Compounds. <i>Phenolic Compounds in Food and Their Effects on Health</i> , Ch.25.
<u>Metal-Chelator (Copper)</u>	1	Seidel, V., Verholle, M., Malard, Y., Tillequin, F., Fruchart, J-C., Duriez, P., Bailleul, F., Teissier, E. 2000. Phenylpropanoids from <i>Ballota nigra L.</i> Inhibit in vitro LDL Peroxidation. <i>Phytotherapy Research</i> , 14(2): 93-98.
<u>Metalloproteinase-Inhibitor</u>	1	Duke, 1992 *
<u>Metastatic</u>	1	Science News, 146: 421.
<u>MMP-9-Inhibitor</u>	2	Duke, 1992 *
<u>Monoamine-Precursor</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. <i>A Textbook of Natural Medicine</i> . John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Mosquitocide</u>	1	Duke, 1992 *
<u>Mosquitosfuge</u>	2	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Motor-Depressant</u>	3	Buchbauer et al, e.g.Buchbauer et al,1993.Therapeutic properties of essential oils and fragrances. Chap.12 in Teranishi,R, Buttery,R.G and Sugisawa,H. Eds. Bioactive Volatile Compounds from Plants. ACS Symposium Series 525. Amer. Chem. Soc., Washington DC
<u>Mucogenic</u>	2	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Mucolytic</u>	1	Martindale's 28th
<u>Mutagenic</u>	4	Duke, 1992 *
<u>Mycobactericide</u>	2	Duke, 1992 *
<u>Myoprotective</u>	1	Duke, 1992 *
<u>Myorelaxant</u>	5	Martindale's 29th
<u>NADH-Oxidase-Inhibitor</u>	1	Duke, 1992 *
<u>Narcotic</u>	1	Merck 11th Edition
<u>Natriuretic</u>	1	Duke, 1992 *
<u>Nematicide</u>	10	Shoyakugaku Zasshi, 44: 183.
<u>Neoplastic</u>	1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>NEP-Inhibitor</u>	1	Duke, 1992 *
<u>Neurodepressant</u>	1	Yamamoto, A., Umemori, S., and Muranishi, S. 1993. Absorption Enhancement of Intrapulmonary Administered Insulin by Various Absorption Enhancers and Protease Inhibitors in Rats. J. Pharm. Pharmacol. 46: 14-18, 1994.
<u>Neuropathogenic</u>	1	Yamamoto, A., Umemori, S., and Muranishi, S. 1993. Absorption Enhancement of Intrapulmonary Administered Insulin by Various Absorption Enhancers and Protease Inhibitors in Rats. J. Pharm. Pharmacol. 46: 14-18, 1994.
<u>Neuroprotective</u>	3	Duke, 1992 *
<u>Neurotransmitter</u>	1	Duke, 1992 *
<u>NF-kB-Inhibitor</u>	3	Duke, 1992 *

Activity	Chemical Count	Reference
<u>NO-Genic</u>	2	Duke, 1992 *
<u>NO-Inhibitor</u>	2	Duke, 1992 *
<u>NO-Synthase-Inhibitor</u>	1	Duke, 1992 *
<u>Nociceptive</u>	1	Yamamoto, A., Umemori, S., and Muranishi, S. 1993. Absorption Enhancement of Intrapulmonary Administered Insulin by Various Absorption Enhancers and Protease Inhibitors in Rats. <i>J. Pharm. Pharmacol.</i> 46: 14-18, 1994.
<u>Odontolytic</u>	1	Zebowitz, T. C. Ed. 1989. Part VII. Flavor and Fragrance Substances, in Keith L. H. and Walters, D.B., eds. <i>Compendium of Safety Data Sheets for Research and Industrial Chemicals</i> . VCH Publishers, New York. 3560-4253.
<u>Ornithine-Decarboxylase-Inhibitor</u>	7	Hagerman, A.E. <i>Tannin-Protein Interactions. Phenolic Compounds in Food and Their Effects on Health</i> , Ch.19.
<u>Osteogenic</u>	1	Davies, S., and Stewart, A. 1990. <i>Nutritional Medicine</i> . Avon Books, New York. 509pp.
<u>Oviposition-Stimulant</u>	2	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
<u>Ovulant</u>	1	Duke, 1992 *
<u>Ozone-Scavenger</u>	1	Duke, 1992 *
<u>P450-2B1-Inhibitor</u>	1	Duke, 1992 *
<u>P450-Inducer</u>	2	Father Nature's Farmacy: The aggregate of all these three-letter citations.
<u>P450-Inhibitor</u>	1	Father Nature's Farmacy: The aggregate of all these three-letter citations.
<u>PAF-Inhibitor</u>	2	Duke, 1992 *
<u>Paralytic</u>	1	Merck 11th Edition
<u>Parasympathomimetic</u>	1	Neuwinger, H. D. 1996. <i>African Ethnobotany - Poisons and Drugs</i> . Chapman & Hall, New York. 941 pp.

Activity	Chemical Count	Reference
<u>Percutaneostimulant</u>	1	Seki, T., Toeda, C., Kawaguchi, T., Juni, K., Sugibayashi, K., and Morimoto, Y. 1990. Enhanced Transdermal Delivery of Zidovudine in Rats and Human Skin. <i>Chem. Pharm. Bull.</i> 38(11): 3086-3089, 1990.
<u>Perfume</u>	1	Zeebovitz, T. C. Ed. 1989. Part VII. Flavor and Fragrance Substances, in Keith L. H. and Walters, D.B., eds. <i>Compendium of Safety Data Sheets for Research and Industrial Chemicals</i> . VCH Publishers, New York. 3560-4253.
<u>Perfumery</u>	14	Merck 11th Edition
<u>Peristaltic</u>	2	Duke, 1992 *
<u>Pesticide</u>	37	Duke, 1992 *
<u>PGE2-Inhibitor</u>	1	Duke, 1992 *
<u>Phagocytotic</u>	3	Pizzorno, J.E. and Murray, M.T. 1985. <i>A Textbook of Natural Medicine</i> . John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Phospholipase-A2-Inhibitor</u>	1	Duke, 1992 *
<u>Phospholipase-Inhibitor</u>	1	Duke, 1992 *
<u>Photosensitizer</u>	1	Rinzler, C. A. 1990. <i>The Complete Book of Herbs, Spices and Condiments. Facts on File</i> , New York. 199 pp.
<u>Pigment</u>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
<u>Piscicide</u>	2	Duke, 1992 *
<u>Plasmodicide</u>	1	Neuwinger, H. D. 1996. <i>African Ethnobotany - Poisons and Drugs</i> . Chapman & Hall, New York. 941 pp.
<u>Potassium-Sparing</u>	1	Iwu, M.M. 1993. <i>Handbook of African Medicinal Plants</i> . CRC Press, Boca Raton, FL 435 pp.
<u>Preservative</u>	2	Merck 11th Edition
<u>Proliferant</u>	1	Duke, 1992 *
<u>Prooxidant</u>	4	Duke, 1992 *

Activity	Chemical Count	Reference
Propecic	4	Duke, 1992 *
Prostaglandigenic	3	Duke, 1992 *
Prostaglandin-Synthesis-Inhibitor	6	Duke, 1992 *
Protease-Inhibitor	1	Duke, 1992 *
Protein-Kinase-C-Inhibitor	1	Naim, M., Zehavi, U., Nagy, S., and Rouseff, R.L. Hydroxycinnamic Acids as Off-Flavor Precursors in Citrus Fruits and Their Products. Phenolic Compounds in Food and Their Effects on Health, Ch.14.
Protisticide	3	Chemical Express, 7: 285, 1992.
Psychotropic	1	Uchida, U., Ohta, H., Niwa, M., Mori, A., Nonaka, G-i., Nishioka, I., and Zaki, M. 1989. Prolongation of Life Span of Stroke-Prone Spontaneously Hypertensive Rats (SHRSP) Ingesting Persimmon Tannin. Chem. Pharm. Bull. 38(4): 1049-1052, 1990.
PTK-Inhibitor	1	Duke, 1992 *
Quinone-Reductase-Inducer	3	Duke, 1992 *
Radioprotective	1	Duke, 1992 *
Refrigerant	2	Yamamoto, A., Umemori, S., and Muranishi, S. 1993. Absorption Enhancement of Intrapulmonary Administered Insulin by Various Absorption Enhancers and Protease Inhibitors in Rats. J. Pharm. Pharmacol. 46: 14-18, 1994.
Renoirritant	1	Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Renotoxic	1	Merck 11th Edition
Respiraparalytic	1	Duke, 1992 *
Rubefacient	1	Duke, 1992 *
Sedative	11	Wagner & Wolff, eds. 1977. New Natural Products (RS164. I56. 176)
Serotoninergic	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Basty College Publications, Seattle, Washington (Looseleaf).

Activity	Chemical Count	Reference
<u>Sialogogue</u>	1	Martindale's 29th
<u>Soap</u>	2	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Sodium-Sparing</u>	1	Iwu, M.M. 1993. Handbook of African Medicinal Plants. CRC Press, Boca Raton, FL 435 pp.
<u>Spermicide</u>	2	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. Journal of Ethnopharmacology, 28: 221-234, 1990.
<u>Spermigenic</u>	1	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Sunscreen</u>	4	Lazarova*, G., Kostova, I., Neychev, H. 1992. Photodynamic damage prevention by some hydroxycoumarins. Fitoterapia 64(2): 134-136, 1993.
<u>Suppository</u>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<u>Sweetener</u>	5	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<u>Teratologic</u>	2	Duke, 1992 *
<u>Termiticide</u>	3	Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.
<u>Termitifuge</u>	1	Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.
<u>Testosteronogenic</u>	1	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<u>Thymoprotective</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Tissue-Thromboplastin-Inhibitor</u>	1	Duke, 1992 *
<u>TNF-alpha-Inhibitor</u>	3	Duke, 1992 *

Activity	Chemical Count	Reference
<u>TOPO-2-Inhibitor</u>	2	Duke, 1992 *
<u>Topoisomerase-I-Inhibitor</u>	2	Santti, R., Makela, S., Strauss, L., Korman, J., Kostian, M. L. 1998. Phytoestrogens: Potential Endocrine Disruptors in Males. <i>Toxicol Ind Health</i> , 14: 223-237.
<u>Topoisomerase-II-Inhibitor</u>	5	Constantinou, A., Mehta, R., Runyan, C., Rao, K., Vaughan, A., Moon, R. 1995. Flavonoids as DNA Topoisomerase Antagonists and Poisons: Structure-Activity Relationships. <i>J Natural Products</i> , 58: 217-225.
<u>Tranquilizer</u>	2	Duke, 1992 *
<u>Transdermal</u>	3	Duke, 1992 *
<u>Trichomonicide</u>	3	Martindale's 29th
<u>Triglycerigenic</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. <i>A Textbook of Natural Medicine</i> . John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Trypanocide</u>	1	Duke, 1992 *
<u>Tumor-Promoter</u>	1	Duke, 1992 *
<u>Tumorigenic</u>	3	Jim Duke's personal files.
<u>Tyrosinase-Inhibitor</u>	5	Duke, 1992 *
<u>Tyrosine-Kinase-Inhibitor</u>	1	Economic & Medicinal Plant Research, 6: 170.
<u>Ubiquiot</u>	3	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
<u>Ulcerogenic</u>	1	Duke, 1992 *
<u>Uricogenic</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. <i>A Textbook of Natural Medicine</i> . John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Uricosuric</u>	1	Davies, S., and Stewart, A. 1990. <i>Nutritional Medicine</i> . Avon Books, New York. 509pp.
<u>Urinary-Acidulant</u>	1	Martindale's 29th
<u>Uterorelaxant</u>	1	Werbach, M. 1993. <i>Healing with Food</i> . Harper Collins, New York, 443 pp.

Activity	Chemical Count	Reference
<u>Uterosedative</u>	1	Ozaki, Y. and Ma, J-P. 1989. Inhibitory Effects of Tetramethylpyrazine and Ferulic Acid on Spontaneous Movement of Rat Uterus in Situ. Chem. Pharm. Bull. 38(6): 1620-1623, 1990.
<u>Uterotonic</u>	1	Duke, 1992 *
<u>Uterotrophic</u>	1	Journal of Medicinal Food 2: 227.1999.
<u>Varroacide</u>	1	Duke, 1992 *
<u>Vasodilator</u>	9	Duke, 1992 *
<u>Vasopressor</u>	3	Duke, 1992 *
<u>VEGF-Inhibitor</u>	1	Duke, 1992 *
<u>Vibriocide</u>	1	Duke, 1992 *
<u>Vulnerary</u>	7	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Xanthine-Oxidase-Inhibitor</u>	4	Chem. & Pharm. Bull. 38: 1772.