

<b>Activity</b>	<b>Chemical Count</b>	<b>Reference</b>
<a href="#"><u>Acidulant</u></a>	1	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry
<a href="#"><u>Aldose-Reductase-Inhibitor</u></a>	3	Ichikawa, K., et al. 1991. Isolation and Structure Determination of Aldose Reductase Inhibitors from Traditional Thai Medicine, and Syntheses of Their Derivatives. <i>Sankyo Kenkyusho Nempo</i> , 43: 99-110.
<a href="#"><u>Allergenic</u></a>	2	Duke, 1992 *
<a href="#"><u>Analgesic</u></a>	3	Duke, 1992 *
<a href="#"><u>Androgenic</u></a>	1	Duke, 1992 *
<a href="#"><u>Androgenic?</u></a>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>Angiogenic</u></a>	1	Duke, 1992 *
<a href="#"><u>Angiotensin-Receptor-Blocker</u></a>	2	Duke, 1992 *
<a href="#"><u>Anorexic</u></a>	1	Martindale's 28th
<a href="#"><u>Antiacne</u></a>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>AntiADD</u></a>	1	Martindale's 29th
<a href="#"><u>Antiadenomic</u></a>	1	Merck 11th Edition
<a href="#"><u>Antiadenoviral</u></a>	1	Economic & Medicinal Plant Research, 5: 207.
<a href="#"><u>AntiAGE</u></a>	1	Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. <i>Syndrome X - The complete nutritional program to prevent and reservse insulin resistance</i> . John Wiley & Sons, New York. 272 pp. \$24.95
<a href="#"><u>Antiaggregant</u></a>	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.
<a href="#"><u>Antiaging</u></a>	3	Duke, 1992 *
<a href="#"><u>Antiakathisic</u></a>	1	Martindale's 29th
<a href="#"><u>Antialkali?</u></a>	1	Martindale's 29th
<a href="#"><u>Antiallergic</u></a>	2	Duke, 1992 *

<b>Activity</b>	<b>Chemical Count</b>	<b>Reference</b>
<a href="#"><u>Antialzheimeran</u></a>	1	Duke, 1992 *
<a href="#"><u>Antiandrogenic</u></a>	1	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. <i>Journal of Ethnopharmacology</i> , 28: 221-234, 1990.
<a href="#"><u>Antianemic</u></a>	1	Martindale's 29th
<a href="#"><u>Antiangiogenic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antianxiety</u></a>	1	Davies, S., and Stewart, A. 1990. <i>Nutritional Medicine</i> . Avon Books, New York. 509pp.
<a href="#"><u>Antiarrhythmic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antiarteriosclerotic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antiarthritic</u></a>	3	Duke, 1992 *
<a href="#"><u>Antiasthenic</u></a>	1	Martindale's 29th
<a href="#"><u>Antiasthmatic</u></a>	2	Werbach, M. 1993. <i>Healing with Food</i> . Harper Collins, New York, 443 pp.
<a href="#"><u>Antiatherogenic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antiatherosclerotic</u></a>	2	Duke, 1992 *
<a href="#"><u>Antibacterial</u></a>	3	Davies, S., and Stewart, A. 1990. <i>Nutritional Medicine</i> . Avon Books, New York. 509pp.
<a href="#"><u>Anticancer</u></a>	2	Duke, 1992 *
<a href="#"><u>Anticancer (Breast)</u></a>	1	Madhavi, D. L., Bomser, J., Smith, M., Singletary, K. 1998. Isolation of Bioactive Constituents from <i>Vaccinium myrtillus</i> (Bilberry) Fruits and Cell Cultures. <i>Plant Sci.</i> , 131(1): 95-103.
<a href="#"><u>Anticancer (Cervix)</u></a>	1	Duke, 1992 *
<a href="#"><u>Anticancer (Lung)</u></a>	1	Duke, 1992 *
<a href="#"><u>Anticanker</u></a>	1	Duke, 1992 *
<a href="#"><u>Anticarcinogenic</u></a>	1	Economic & Medicinal Plant Research, 6: 189.
<a href="#"><u>Anticarcinomic</u></a>	2	Pizzorno, J.E. and Murray, M.T. 1985. <i>A Textbook of Natural Medicine</i> . John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>Anticataract</u></a>	1	Werbach, M. 1993. <i>Healing with Food</i> . Harper Collins, New York, 443 pp.

<b>Activity</b>	<b>Chemical Count</b>	<b>Reference</b>
<a href="#">Anticervicaldysplastic</a>	2	Duke, 1992 *
<a href="#">AntiCFS</a>	1	Duke, 1992 *
<a href="#">Anticheilitic</a>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#">Anticlimacteric</a>	2	Duke, 1992 *
<a href="#">Anticold</a>	1	Duke, 1992 *
<a href="#">Anticonvulsant</a>	1	Duke, 1992 *
<a href="#">Anticoronalry</a>	1	Duke, 1992 *
<a href="#">AntiCrohn's</a>	1	Martindale's 29th
<a href="#">AntiCTS</a>	1	Duke, 1992 *
<a href="#">Antidecubitic</a>	1	Martindale's 28th
<a href="#">Antidementia</a>	1	Duke, 1992 *
<a href="#">Antidepressant</a>	4	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<a href="#">Antidepressant?</a>	1	Duke, 1992 *
<a href="#">Antidiabetic</a>	2	Duke, 1992 *
<a href="#">Antidiabetic?</a>	1	Wichtl, M. 1984. Teedrogen. Ein Handbuch fur Apotheker und Arzte. Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.
<a href="#">Antidote (Aluminum)</a>	2	Economic & Medicinal Plant Research, 6: 189.
<a href="#">Antidote (Cadmium)</a>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#">Antidote (Lead)</a>	2	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#">Antidote (Paraquat)</a>	1	Martindale's 28th
<a href="#">AntiEBV</a>	1	Duke, 1992 *
<a href="#">Antieczemic</a>	1	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<a href="#">Antiedemic</a>	5	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#">Antielastase</a>	1	Duke, 1992 *

<b>Activity</b>	<b>Chemical Count</b>	<b>Reference</b>
<a href="#"><u>Antiencephalitic</u></a>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#"><u>Antiencephalopathic</u></a>	3	Martindale's 29th
<a href="#"><u>Antiendometriotic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antiepileptic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antiescherichic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antiestrogenic</u></a>	1	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. Journal of Ethnopharmacology, 28: 221-234, 1990.
<a href="#"><u>Antifatigue</u></a>	1	Duke, 1992 *
<a href="#"><u>Antifeedant</u></a>	2	Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.
<a href="#"><u>Antifertility</u></a>	1	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. Journal of Ethnopharmacology, 28: 221-234, 1990.
<a href="#"><u>Antifibrotic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antiflu</u></a>	3	Economic & Medicinal Plant Research, 5: 207.
<a href="#"><u>Antigallstone</u></a>	1	Duke, 1992 *
<a href="#"><u>Antigastric</u></a>	1	Duke, 1992 *
<a href="#"><u>Antigibberellin</u></a>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<a href="#"><u>Ant gingivitic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antiglaucomic</u></a>	1	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<a href="#"><u>Antigonadotropic</u></a>	1	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. Journal of Ethnopharmacology, 28: 221-234, 1990.
<a href="#"><u>Antigonadotrophic</u></a>	1	Jim Duke's personal files.
<a href="#"><u>Antihangover</u></a>	1	Duke, 1992 *

<b>Activity</b>	<b>Chemical Count</b>	<b>Reference</b>
<a href="#"><u>Antihemolytic</u></a>	1	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.
<a href="#"><u>Antihemorrhagic</u></a>	1	Davies, S., and Stewart, A. 1990. <i>Nutritional Medicine</i> . Avon Books, New York. 509pp.
<a href="#"><u>Antihepatitic</u></a>	2	Martindale's 29th
<a href="#"><u>Antihepatoadenomic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antihepatotic</u></a>	1	Merck 11th Edition
<a href="#"><u>Antihepatotoxic</u></a>	3	Economic & Medicinal Plant Research, 6: 189.
<a href="#"><u>Antiherpetic</u></a>	2	Duke, 1992 *
<a href="#"><u>Antihistaminic</u></a>	2	Duke, 1992 *
<a href="#"><u>AntiHIV</u></a>	2	Duke, 1992 *
<a href="#"><u>Antihyperammonemic</u></a>	1	Martindale's 29th
<a href="#"><u>Antihypercholesterolemic</u></a>	1	Economic & Medicinal Plant Research, 6: 189.
<a href="#"><u>Antihyperglycemic</u></a>	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.
<a href="#"><u>Antihyperkeratotic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antihyperkinetic</u></a>	1	Davies, S., and Stewart, A. 1990. <i>Nutritional Medicine</i> . Avon Books, New York. 509pp.
<a href="#"><u>Antihyperlipoproteinaemic</u></a>	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.
<a href="#"><u>Antihypertensive</u></a>	4	Duke, 1992 *
<a href="#"><u>Antihyperthyroid</u></a>	1	Duke, 1992 *
<a href="#"><u>Antiichthyotic</u></a>	1	Pizzorno, J.E. and Murray, M.T. 1985. <i>A Textbook of Natural Medicine</i> . John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>Antiimpotence</u></a>	1	Duke, 1992 *

<b>Activity</b>	<b>Chemical Count</b>	<b>Reference</b>
<a href="#"><u>Antiinfertility</u></a>	2	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<a href="#"><u>Antiinflammatory</u></a>	8	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>Antiinsomniac</u></a>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#"><u>AntiLegionella</u></a>	1	Duke, 1992 *
<a href="#"><u>Antilepric</u></a>	1	Martindale's 28th
<a href="#"><u>Antileukemic</u></a>	3	Duke, 1992 *
<a href="#"><u>Antileukoplakic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antileukotriene</u></a>	1	Duke, 1992 *
<a href="#"><u>Antilipoperoxidant</u></a>	1	Duke, 1992 *
<a href="#"><u>Antilithic</u></a>	3	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>Antilupus</u></a>	1	Martindale's 28th
<a href="#"><u>AntiLyme</u></a>	1	Duke, 1992 *
<a href="#"><u>Antilymphomeric</u></a>	1	Duke, 1992 *
<a href="#"><u>Antimaculitic</u></a>	2	Duke, 1992 *
<a href="#"><u>Antimalarial</u></a>	1	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.
<a href="#"><u>Antimastitic</u></a>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>Antimeasles</u></a>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#"><u>Antimelanogenic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antimenopausal</u></a>	2	Duke, 1992 *

<b>Activity</b>	<b>Chemical Count</b>	<b>Reference</b>
<a href="#"><u>Antimenorrhagic</u></a>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>Antimigraine</u></a>	1	Martindale's 29th
<a href="#"><u>Antimutagenic</u></a>	4	Economic & Medicinal Plant Research, 6: 235.
<a href="#"><u>Antinephritic</u></a>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<a href="#"><u>Antineuramidase</u></a>	1	Duke, 1992 *
<a href="#"><u>Antinitrosaminic</u></a>	1	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.
<a href="#"><u>Antinitrosic</u></a>	1	Martindale's 28th
<a href="#"><u>Antinociceptive</u></a>	2	Duke, 1992 *
<a href="#"><u>Antiobesity</u></a>	3	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<a href="#"><u>Antiophidic</u></a>	2	Economic & Medicinal Plant Research, 5: 363.
<a href="#"><u>Antiorchitic</u></a>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#"><u>Antiostearthritic</u></a>	1	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<a href="#"><u>Antiosteoporotic</u></a>	3	Duke, 1992 *
<a href="#"><u>Antiosteoporotic?</u></a>	1	Martindale's 29th
<a href="#"><u>Antioxalate</u></a>	1	Duke, 1992 *
<a href="#"><u>Antioxidant</u></a>	7	Duke, 1992 *
<a href="#"><u>Antioxidant?</u></a>	2	Duke, 1992 *
<a href="#"><u>Antiozenic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antipapillomic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antiparkinsonian</u></a>	3	Duke, 1992 *
<a href="#"><u>Antiparotitic</u></a>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.

<b>Activity</b>	<b>Chemical Count</b>	<b>Reference</b>
<a href="#"><u>Antiperiodontitic</u></a>	2	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<a href="#"><u>Antiperoxidant</u></a>	2	Planta Medica, 57: A54, 1991.
<a href="#"><u>Antiphenylketonuric</u></a>	1	Martindale's 29th
<a href="#"><u>Antiphotophobic</u></a>	1	Martindale's 29th
<a href="#"><u>Antipityriasic</u></a>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>AntiPMS</u></a>	2	Duke, 1992 *
<a href="#"><u>Antipneumonic</u></a>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>Antipodriac</u></a>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#"><u>Antipoliomyelic</u></a>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#"><u>Antiporphyric</u></a>	1	Martindale's 28th
<a href="#"><u>Antiprogestational</u></a>	1	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. Journal of Ethnopharmacology, 28: 221-234, 1990.
<a href="#"><u>Antiproliferant</u></a>	2	Joseph, J., Nadeau, D. and Underwood, A. 2001. The Color Code. Hyperion, NY.
<a href="#"><u>Antiprostaglandin</u></a>	3	Duke, 1992 *
<a href="#"><u>Antiprostatadenomic</u></a>	1	Merck 11th Edition
<a href="#"><u>Antiprostatitic</u></a>	2	Duke, 1992 *
<a href="#"><u>Antipsoriac</u></a>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>Antipyretic</u></a>	2	Economic & Medicinal Plant Research, 6: 189.
<a href="#"><u>Antiradicular</u></a>	3	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>AntiRaynaud's</u></a>	1	Duke, 1992 *

<b>Activity</b>	<b>Chemical Count</b>	<b>Reference</b>
<a href="#"><u>Antiretardation</u></a>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<a href="#"><u>Antiretinotic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antirheumatic</u></a>	4	Duke, 1992 *
<a href="#"><u>Antirhinitic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antiscorbutic</u></a>	1	Martindale's 28th
<a href="#"><u>Antiseptic</u></a>	2	Martindale's 28th
<a href="#"><u>Antishingles</u></a>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#"><u>Antisickling</u></a>	2	Ekeke, G.I. and Shode, F.O. 1988. Phenylalanine is the Predominant Antisickling Agent in Cajanus cajan Seed Extract. <i>Planta Medica</i> 56(1): 41, 1990.
<a href="#"><u>Antispasmodic</u></a>	3	Phytotherapy Research, 4: 73.
<a href="#"><u>Antistaphylococcic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antistomatitic</u></a>	1	Economic & Medicinal Plant Research, 5: 207.
<a href="#"><u>Antistress</u></a>	3	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#"><u>Antisunburn</u></a>	1	Duke, 1992 *
<a href="#"><u>Antisyndrome-X</u></a>	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
<a href="#"><u>Antithiamin</u></a>	1	Phenolic Compounds in Food and Their Effects on Health, 69.
<a href="#"><u>Antithyroid</u></a>	1	Jim Duke's personal files.
<a href="#"><u>Antitic</u></a>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#"><u>Antitumor</u></a>	7	Simon, P.W. Carrots and Other Horticultural Crops as a Source of Provitamin A Carotenes. <i>HortScience</i> , 25(12): 1495, 1990.

<b>Activity</b>	<b>Chemical Count</b>	<b>Reference</b>
<a href="#"><u>Antitumor (Breast)</u></a>	2	Madhavi, D. L., Bomser, J., Smith, M., Singletary, K. 1998. Isolation of Bioactive Constituents from <i>Vaccinium myrtillus</i> (Bilberry) Fruits and Cell Cultures. <i>Plant Sci.</i> , 131(1): 95-103.
<a href="#"><u>Antitumor (Cervix)</u></a>	1	Duke, 1992 *
<a href="#"><u>Antitumor (CNS)</u></a>	1	Duke, 1992 *
<a href="#"><u>Antitumor (Colon)</u></a>	1	Duke, 1992 *
<a href="#"><u>Antitumor (Gastric)</u></a>	1	Duke, 1992 *
<a href="#"><u>Antitumor (Lung)</u></a>	3	Duke, 1992 *
<a href="#"><u>Antitumor (Prostate)</u></a>	1	Duke, 1992 *
<a href="#"><u>Antitumor (Skin)</u></a>	1	Duke, 1992 *
<a href="#"><u>Antitumor (Stomach)</u></a>	1	Duke, 1992 *
<a href="#"><u>Antitumor-Promoter</u></a>	1	Cancer Research, 48: 5941.
<a href="#"><u>Antiulcer</u></a>	7	Duke, 1992 *
<a href="#"><u>Antiulcerogenic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antiuremic</u></a>	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.
<a href="#"><u>Antiurethrotic</u></a>	1	Duke, 1992 *
<a href="#"><u>Antivaccinia</u></a>	1	Economic & Medicinal Plant Research, 5: 207.
<a href="#"><u>Antiviral</u></a>	5	Duke, 1992 *
<a href="#"><u>Antivitiligo</u></a>	1	Martindale's 29th
<a href="#"><u>Antixerophthalmic</u></a>	1	Davies, S., and Stewart, A. 1990. <i>Nutritional Medicine</i> . Avon Books, New York. 509pp.
<a href="#"><u>Anxiolytic</u></a>	4	Merck 11th Edition
<a href="#"><u>Aphidifuge</u></a>	1	Lugemwa, F.N., Huang, F-Y., Bentley, M.D., Mendel, M.J., and Alford, A.R. 1990. A <i>Heliothis zea</i> Antifeedant from the Abundant Birchbark Triterpene Betulin. <i>J. Agric. Food Chem.</i> 38(2): 493-494.
<a href="#"><u>Aphrodisiac</u></a>	1	Duke, 1992 *

<b>Activity</b>	<b>Chemical Count</b>	<b>Reference</b>
<a href="#">Apoptotic</a>	2	Duke, 1992 *
<a href="#">Artemicide</a>	1	Jung, J.H., Pum mangura, S., Chaichantipyuth, c., Patarapanich, C., and McLaughlin, J.L. 1989. Bioactive Constituents of Melodorum fruticosum. Phytochemistry. 29(5): 1667-1670. 1990.
<a href="#">Asthma-preventive</a>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#">Beta-Adrenergic Receptor Blocker</a>	1	Duke, 1992 *
<a href="#">Beta-Blocker</a>	1	Duke, 1992 *
<a href="#">Beta-Glucuronidase-Inhibitor</a>	1	Duke, 1992 *
<a href="#">Calcium-Antagonist</a>	2	Duke, 1992 *
<a href="#">Calcium-Channel-Blocker</a>	1	Duke, 1992 *
<a href="#">Cancer-Preventive</a>	8	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.
<a href="#">Candidicide</a>	1	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 155.
<a href="#">Carcinogenic</a>	1	Duke, 1992 *
<a href="#">Cardioprotective</a>	2	Duke, 1992 *
<a href="#">Caspase-8-Inducer</a>	1	Duke, 1992 *
<a href="#">Chemopreventive</a>	2	Duke, 1992 *
<a href="#">Cholagogue</a>	1	Wichtl, M. 1984. Teedrogen. Ein Handbuch fur Apotheker und Arzte. Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.
<a href="#">Choleretic</a>	1	Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
<a href="#">Clastogenic</a>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<a href="#">CNS-Active</a>	1	Wichtl, M. 1984. Teedrogen. Ein Handbuch fur Apotheker und Arzte. Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.

<b>Activity</b>	<b>Chemical Count</b>	<b>Reference</b>
<a href="#"><u>Co-carcinogenic</u></a>	1	Duke, 1992 *
<a href="#"><u>Cold-preventive</u></a>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#"><u>Collagen-Sparing</u></a>	1	Duke, 1992 *
<a href="#"><u>Collagenic</u></a>	1	Duke, 1992 *
<a href="#"><u>Colorant</u></a>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<a href="#"><u>COX-1-Inhibitor</u></a>	1	Duke, 1992 *
<a href="#"><u>COX-2-Inhibitor</u></a>	2	Duke, 1992 *
<a href="#"><u>Cytoprotective</u></a>	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.
<a href="#"><u>Cytotoxic</u></a>	4	Duke, 1992 *
<a href="#"><u>Detoxicant</u></a>	1	Duke, 1992 *
<a href="#"><u>Diuretic</u></a>	7	Duke, 1992 *
<a href="#"><u>DNA-Active</u></a>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<a href="#"><u>DNA-Protective</u></a>	1	Duke, 1992 *
<a href="#"><u>Essential</u></a>	3	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<a href="#"><u>Estrogenic</u></a>	1	Duke, 1992 *
<a href="#"><u>Febrifuge</u></a>	1	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
<a href="#"><u>Fistula-Preventive</u></a>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>FLavor</u></a>	2	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry

<b>Activity</b>	<b>Chemical Count</b>	<b>Reference</b>
<a href="#"><u>FPTase-Inhibitor</u></a>	1	Duke, 1992 *
<a href="#"><u>Fungicide</u></a>	1	Duke, 1992 *
<a href="#"><u>Gastroprotective</u></a>	2	Duke, 1992 *
<a href="#"><u>Gonadotrophic</u></a>	1	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. <i>Journal of Ethnopharmacology</i> , 28: 221-234, 1990.
<a href="#"><u>Hepatocarcinogenic</u></a>	1	Duke, 1992 *
<a href="#"><u>Hepatoprotective</u></a>	3	Duke, 1992 *
<a href="#"><u>Hepatotropic</u></a>	1	Duke, 1992 *
<a href="#"><u>Histamine-Inhibitor</u></a>	1	Duke, 1992 *
<a href="#"><u>Hypoammonemic</u></a>	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.
<a href="#"><u>Hypocholesterolemic</u></a>	4	Davies, S., and Stewart, A. 1990. <i>Nutritional Medicine</i> . Avon Books, New York. 509pp.
<a href="#"><u>Hypoglycemic</u></a>	3	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.
<a href="#"><u>Hypolipemic</u></a>	1	Duke, 1992 *
<a href="#"><u>Hypolipidemic</u></a>	1	Duke, 1992 *
<a href="#"><u>Hypotensive</u></a>	4	Duke, 1992 *
<a href="#"><u>Hypouricemic</u></a>	1	Duke, 1992 *
<a href="#"><u>Immunomodulator</u></a>	1	Duke, 1992 *
<a href="#"><u>Immunostimulant</u></a>	4	Pizzorno, J.E. and Murray, M.T. 1985. <i>A Textbook of Natural Medicine</i> . John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>Insectifuge</u></a>	2	Tunon, H., Thorsell, W., and Bohlin, L. 1993. Mosquito Repelling Activity of Compounds Occurring in <i>Achillea millefolium</i> L. (Asteraceae). <i>Economic Botany</i> 48(2): 111-120, 1994.

<b>Activity</b>	<b>Chemical Count</b>	<b>Reference</b>
<a href="#"><u>Insectiphile</u></a>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<a href="#"><u>Interferon-Synergist</u></a>	1	Duke, 1992 *
<a href="#"><u>Interferonogenic</u></a>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>Larvicide</u></a>	1	Duke, 1992 *
<a href="#"><u>Laxative</u></a>	2	Duke, 1992 *
<a href="#"><u>Leukotriene-Inhibitor</u></a>	1	Duke, 1992 *
<a href="#"><u>Lipoxygenase-Inhibitor</u></a>	1	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.
<a href="#"><u>Lithogenic</u></a>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#"><u>Lyase-Inhibitor</u></a>	1	Duke, 1992 *
<a href="#"><u>Metal-Chelator</u></a>	1	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.
<a href="#"><u>Monoamine-Precursor</u></a>	2	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>Mosquitocide</u></a>	1	Duke, 1992 *
<a href="#"><u>Mucogenic</u></a>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>Mucolytic</u></a>	1	Martindale's 28th
<a href="#"><u>Neurotoxic</u></a>	1	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<a href="#"><u>NO-Genic</u></a>	1	Duke, 1992 *
<a href="#"><u>Ornithine-Decarboxylase-Inhibitor</u></a>	1	Hagerman, A.E. Tannin-Protein Interactions. <i>Phenolic Compounds in Food and Their Effects on Health</i> , Ch.19.

<b>Activity</b>	<b>Chemical Count</b>	<b>Reference</b>
<a href="#"><u>Osteogenic</u></a>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#"><u>Oxidant</u></a>	1	Duke, 1992 *
<a href="#"><u>Pesticide</u></a>	4	Duke, 1992 *
<a href="#"><u>Phagocytotic</u></a>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>Pituitary-Stimulant</u></a>	1	Duke, 1992 *
<a href="#"><u>Prooxidant</u></a>	3	Duke, 1992 *
<a href="#"><u>Prostaglandigenic</u></a>	1	Duke, 1992 *
<a href="#"><u>Prostaglandin-Synthesis-Inhibitor</u></a>	1	Huang, C., Tunon, H., Bohlin, L. 1995. Anti-Inflammatory Compounds Isolated from Menyanthes trifoliata L. Yao Hsueh Hsueh Pao, 30(8): 621-626.
<a href="#"><u>Sedative</u></a>	2	Duke, 1992 *
<a href="#"><u>Spermicide</u></a>	1	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. Journal of Ethnopharmacology, 28: 221-234, 1990.
<a href="#"><u>Spermigenic</u></a>	1	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
<a href="#"><u>Sunscreen</u></a>	1	Lazarova*, G., Kostova, I., Neychev, H. 1992. Photodynamic damage prevention by some hydroxycoumarins. Fitoterapia 64(2): 134-136, 1993.
<a href="#"><u>Thymoprotective</u></a>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>TOPO-2-Inhibitor</u></a>	1	Duke, 1992 *
<a href="#"><u>Topoisomerase-II-Inhibitor</u></a>	1	Duke, 1992 *
<a href="#"><u>Tranquilizer</u></a>	1	Duke, 1992 *
<a href="#"><u>Tremorigenic</u></a>	1	Martindale's 28th
<a href="#"><u>Tumorigenic</u></a>	1	Jim Duke's personal files.

<b>Activity</b>	<b>Chemical Count</b>	<b>Reference</b>
<a href="#"><u>Ubiquiot</u></a>	2	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<a href="#"><u>Ulcerogenic</u></a>	1	Duke, 1992 *
<a href="#"><u>Uricosuric</u></a>	1	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
<a href="#"><u>Urinary-Acidulant</u></a>	1	Martindale's 29th
<a href="#"><u>Vasodilator</u></a>	4	Duke, 1992 *
<a href="#"><u>Vulnerary</u></a>	3	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<a href="#"><u>Xanthine-Oxidase-Inhibitor</u></a>	1	Mills, Simon and Bone, Kerry. 2000. Phytotherapy. Churchill Livingston, Edinburgh.