

Activity	Chemical Count	Reference
<u>11B-HSD-Inhibitor</u>	2	Duke, 1992 *
<u>5-Alpha-Reductase-Inhibitor</u>	4	Duke, 1992 *
<u>5-Lipoxygenase-Inhibitor</u>	2	Duke, 1992 *
<u>Aldehyde-Oxidase-Inhibitor</u>	1	Duke, 1992 *
<u>Aldose-Reductase-Inhibitor</u>	2	Duke, 1992 *
<u>Allelochemic</u>	1	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>Allergenic</u>	2	Duke, 1992 *
<u>Alpha-Reductase-Inhibitor</u>	1	Duke, 1992 *
<u>Analgesic</u>	4	Duke, 1992 *
<u>Androgenic</u>	1	Duke, 1992 *
<u>Anemiagenic</u>	1	Duke, 1992 *
<u>Angiogenic</u>	1	Duke, 1992 *
<u>Anorexic</u>	1	Martindale's 28th
<u>Antiacne</u>	1	Duke, 1992 *
<u>Antiadenomic</u>	1	Merck 11th Edition
<u>Antiaflatoxin</u>	2	Duke, 1992 *
<u>Antiaggregant</u>	2	Duke, 1992 *
<u>Antiaging</u>	1	Duke, 1992 *
<u>Antiallergic</u>	2	Duke, 1992 *
<u>Antialopecic</u>	3	Duke, 1992 *
<u>Antialzheimeran</u>	2	Ringbom, T., Seguar, L., Noreen, Y., Perera, P., Bohlin, L. 1998. Ursolic Acid from <i>Plantago major</i> , a Selective Inhibitor of Cyclooxygenase-2 Catalyzed Prostaglandin Biosynthesis. <i>J. Nat. Prod.</i> , 61(10): 1212-1215.
<u>Antianaphylactic</u>	2	Economic & Medicinal Plant Research, 6: 189.

Activity	Chemical Count	Reference
<u>Antiandrogenic</u>	4	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. <i>Journal of Ethnopharmacology</i> , 28: 221-234, 1990.
<u>Antiangiogenic</u>	2	Duke, 1992 *
<u>Antiarrhythmic</u>	1	Duke, 1992 *
<u>Antiarteriosclerotic</u>	1	Duke, 1992 *
<u>Antiarthritic</u>	3	Economic & Medicinal Plant Research, 6: 189.
<u>Antiasthmatic</u>	1	Duke, 1992 *
<u>Antiatherosclerotic</u>	1	Duke, 1992 *
<u>Antibacterial</u>	5	Duke, 1992 *
<u>Anticancer</u>	2	Duke, 1992 *
<u>Anticancer (Breast)</u>	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.
<u>Anticancer (Cervix)</u>	1	Duke, 1992 *
<u>Anticancer (Colon)</u>	1	Ringbom, T., Seguar, L., Noreen, Y., Perera, P., Bohlin, L. 1998. Ursolic Acid from <i>Plantago major</i> , a Selective Inhibitor of Cyclooxygenase-2 Catalyzed Prostaglandin Biosynthesis. <i>J. Nat. Prod.</i> , 61(10): 1212-1215.
<u>Anticancer (Lung)</u>	1	Duke, 1992 *
<u>Anticarcinomic</u>	2	Duke, 1992 *
<u>Anticarcinomic (Breast)</u>	1	Medline (post 1990 searches filed in my computer)
<u>Anticariogenic</u>	2	Leung, A. Y. and Foster, S. 1995. <i>Encyclopedia of Common Natural Ingredients</i> 2nd Ed. John Wiley & Sons, New York. 649 pp.
<u>Anticataract</u>	1	Duke, 1992 *
<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.

Activity	Chemical Count	Reference
<u>Anticolic</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Anticomplement</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>Anticomplementary</u>	1	Duke, 1992 *
<u>Anticonvulsant</u>	1	Duke, 1992 *
<u>Anticorony</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>AntiCrohn's</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Anticystitic</u>	1	Duke, 1992 *
<u>Antidepressant</u>	1	Duke, 1992 *
<u>Antidermatitic</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antidiabetic</u>	2	Duke, 1992 *
<u>Antidote (Amanitin)</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 276.
<u>AntiEBV</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>Antieczemic</u>	1	Economic & Medicinal Plant Research, 6: 189.
<u>Antiedemic</u>	6	Duke, 1992 *
<u>Antielastase</u>	1	Duke, 1992 *
<u>Antiencephalitic</u>	1	Economic & Medicinal Plant Research, 5: 199.
<u>Antiescherichic</u>	2	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Antiestrogenic</u>	2	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. <i>Journal of Ethnopharmacology</i> , 28: 221-234, 1990.
<u>Antifeedant</u>	3	Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.
<u>Antifertility</u>	2	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>Antifibrosarcomic</u>	2	Duke, 1992 *
<u>Antiflu</u>	3	Duke, 1992 *
<u>Antigastric</u>	1	Rastitel'nye Resursy, 21: 85.
<u>Antigingivitic</u>	1	Duke, 1992 *
<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>	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>Antigranular</u>	1	Duke, 1992 *
<u>AntiGTF</u>	1	Duke, 1992 *
<u>Antihepatotoxic</u>	2	Joyeux, M., Rolland, A., Fleurentin, J., Mortier, F., and Dorfman, P. 1989. Tert-Butyl Hydroperoxide-Induced Injury in Isolated Rat Hepatocytes: A Model for Studying Anti-Hepatotoxic Crude Drugs. <i>Planta Medica</i> 56(2): 171-173, 1990.
<u>Antiherpetic</u>	2	Duke, 1992 *
<u>Antihistaminic</u>	4	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>AntiHIV</u>	3	Kashiwada, Y., et. al. 1998. Anti-AIDS Agents. 30. Anti-HIV Activity of Oleanolic Acid, Pomolic Acid, and Structurally Related Triterpenoids. <i>J. Nat. Prod.</i> , 61 (9): 1090-1095.

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>Antihyperglycemic</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>Antihyperlipidemic</u>	1	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>	1	Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.
<u>Antiimplantation</u>	1	Duke, 1992 *
<u>Antiinflammatory</u>	12	Duke, 1992 *
<u>Antileishmanic</u>	2	Duke, 1992 *
<u>Antileukemic</u>	5	Duke, 1992 *
<u>Antileukotriene</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antileukotriene-D4</u>	2	Duke, 1992 *
<u>Antilipoperoxidant</u>	1	Duke, 1992 *
<u>Antilithic</u>	1	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>	2	Duke, 1992 *
<u>Antimalarial</u>	3	Khalid, S.A., Farouk, A., Geary**, T.G., and Jensen, J.B. 1985. Potential Antimalarial Candidates From African Plants: An In Vitro Approach Using <i>Plasmodium falciparum</i> *. Journal of Ethnopharmacology, 15: 201-209, 1986.
<u>Antimelanomic</u>	1	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Antimenorrhagic</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antimetastatic</u>	2	Duke, 1992 *
<u>AntiMS</u>	1	Economic & Medicinal Plant Research, 6: 189.
<u>Antimutagenic</u>	4	Duke, 1992 *
<u>Antimyocarditic</u>	1	Economic & Medicinal Plant Research, 5: 199.
<u>Antinephritic</u>	1	Duke, 1992 *
<u>Antinitrosaminic</u>	1	Duke, 1992 *
<u>Antinociceptive</u>	4	Duke, 1992 *
<u>Antiobesity?</u>	1	Internat. J. Oriental Med. 16: 4.
<u>Antiophidic</u>	1	Economic & Medicinal Plant Research, 5: 363.
<u>Antioxalate</u>	1	Duke, 1992 *
<u>Antioxidant</u>	8	Duke, 1992 *
<u>Antipancreatic</u>	1	Joseph, J., Nadeau, D. and Underwood, A. 2001. The Color Code. Hyperion, NY.
<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>	1	Duke, 1992 *
<u>Antiperistaltic</u>	1	Duke, 1992 *
<u>Antipermeability</u>	1	Duke, 1992 *
<u>Antiperoxidant</u>	3	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>Antiplaque</u>	2	Duke, 1992 *
<u>Antiplasmodial</u>	2	Duke, 1992 *
<u>AntiPMS</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).

Activity	Chemical Count	Reference
<u>Antipodriac</u>	1	Duke, 1992 *
<u>Antipolio</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antiprogestational</u>	1	Malini, T. and Vanithakumari, G. 1989. Rat Toxicity Studies With B-Sitosterol. Journal of Ethnopharmacology, 28: 221-234, 1990.
<u>Antiprolactin</u>	1	Duke, 1992 *
<u>Antiproliferant</u>	1	Duke, 1992 *
<u>Antiproliferative</u>	1	Duke, 1992 *
<u>Antiprostaglandin</u>	2	Duke, 1992 *
<u>Antiprostanoid</u>	1	Duke, 1992 *
<u>Antiprostatadenomic</u>	1	Merck 11th Edition
<u>Antiprostatic</u>	3	Duke, 1992 *
<u>Antipsoriac</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<u>Antipyretic</u>	1	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
<u>Antiradicular</u>	2	Planta Medica, 56(6): 695, 1990.
<u>Antirheumatic</u>	1	Duke, 1992 *
<u>Antiseptic</u>	1	Duke, 1992 *
<u>Antiserotonin</u>	1	Duke, 1992 *
<u>Antispasmodic</u>	2	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.
<u>Antistaphylococcic</u>	3	Duke, 1992 *
<u>Antistreptococcic</u>	1	Duke, 1992 *
<u>AntiTGF-beta</u>	1	Duke, 1992 *
<u>Antithiamin</u>	1	Phenolic Compounds in Food and Their Effects on Health, 69.

Activity	Chemical Count	Reference
<u>Antithrombic</u>	1	Duke, 1992 *
<u>Antithromboxane</u>	1	Duke, 1992 *
<u>Antitrypanosomic</u>	2	Duke, 1992 *
<u>Antitumor</u>	8	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. <i>Am J Chin Med</i> , 31(1):37-46.
<u>Antitumor (Breast)</u>	3	Duke, 1992 *
<u>Antitumor (Cervix)</u>	2	Duke, 1992 *
<u>Antitumor (Colon)</u>	2	Duke, 1992 *
<u>Antitumor (Lung)</u>	4	Duke, 1992 *
<u>Antitumor (Ovary)</u>	2	Duke, 1992 *
<u>Antitumor (Skin)</u>	1	Duke, 1992 *
<u>Antitumor (Stomach)</u>	1	Duke, 1992 *
<u>Antitumor-Promoter</u>	3	Yasukawa, K., Takido, M., Takeuchi, M., Sato, Y., Nitta, K., and Nakagawa, S. 1989. Inhibitory Effects of Flavonol Glycosides on 12-O-Tetradecanoylphorbol-13-acetate-Induced Tumor Promotion. <i>Chem. Pharm. Bull.</i> 38(3): 774-776, 1990.
<u>Antiulcer</u>	6	Duke, 1992 *
<u>Antiurethrotic</u>	1	Duke, 1992 *
<u>Antiviral</u>	6	Abid Ali Khan, M.M., Jain, D.C., Bhakuni, R.S., Zaim, M., and Thakur, R.S. 1991. Occurrence of some antiviral sterols in <i>Artemisia annua</i> . <i>Plant Science</i> , 75: 161-165, 1991.
<u>Aphidifuge</u>	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.
<u>Apoptotic</u>	3	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Aromatase-Inhibitor</u>	2	Duke, 1992 *
<u>Artemicide</u>	1	Jung, J.H., Pummangura, S., Chaichantipyuth, c., Patarapanich, C., and McLaughlin, J.L. 1989. Bioactive Constituents of <i>Melodorum fruticosum</i> . <i>Phytochemistry</i> . 29(5): 1667-1670. 1990.
<u>ATPase-Inhibitor</u>	1	Nigg, H.N. and Seigler, D.S., eds. 1992. <i>Phytochemical Resources for Medicine and Agriculture</i> . Plenum Press, New York. 445 pp.
<u>Bacteristat</u>	1	Duke, 1992 *
<u>Beta-Blocker</u>	1	Duke, 1992 *
<u>Beta-Glucuronidase-Inhibitor</u>	1	Duke, 1992 *
<u>Bradycardiac</u>	1	Huang, K. C. 1993. <i>The Pharmacology of Chinese Herbs</i> . CRC Press, Boca Raton, FL 388 pp.
<u>Calmodulin-Antagonist</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>cAMP-Phosphodiesterase-Inhibitor</u>	2	Duke, 1992 *
<u>Cancer-Preventive</u>	6	Stitt, P. A. <i>Why George Should Eat Broccoli</i> . Dougherty Co, Milwaukee, WI, 1990, 399 pp.
<u>Candidicide</u>	4	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 155.
<u>Capillariprotective</u>	1	Merck 11th Edition
<u>Carcinogenic</u>	3	Hutchings, A, Scott, AH, Lewis, G, and Cunningham, A. 1996. <i>Zulu Medicinal Plants. An inventory</i> . University of Natal Press, Pietermaritzburg. 450 pp.
<u>Cardioprotective</u>	1	Duke, 1992 *
<u>Cardiotonic</u>	5	Merck 11th Edition
<u>Cardiotoxic</u>	1	Alkofahi, A., Rupprect, J. K., Anderson, J. E., McLaughlin, J. L., Mikolajczak, K. L., and Scott, B. A., <i>Search for new pesticides from higer plants</i> , Chap. 3 in ???, Arnason et al, eds, ACS, Washington, 1989
<u>Caspase-8-Inducer</u>	1	Duke, 1992 *
<u>Catabolic</u>	1	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Cathartic</u>	1	Wagner & Wolff, eds. 1977. New Natural Products (RS164. I56. 176)
<u>Choleretic</u>	3	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<u>CNS-Depressant</u>	1	Duke, 1992 *
<u>Collagenic</u>	1	Duke, 1992 *
<u>Comedolytic</u>	1	Duke, 1992 *
<u>COMT-Inhibitor</u>	1	Duke, 1992 *
<u>Copper-Chelator</u>	2	Duke, 1992 *
<u>Cosmetic</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>COX-2-Inhibitor</u>	3	Duke, 1992 *
<u>Cyclooxygenase-Inhibitor</u>	3	Duke, 1992 *
<u>Cytochrome-P450-1A2-Inhibitor</u>	1	Duke, 1992 *
<u>Cytotoxic</u>	7	Duke, 1992 *
<u>Deiodinase-Inhibitor</u>	1	Jim Duke's personal files.
<u>Dermatitigenic</u>	1	Duke, 1992 *
<u>Diaphoretic?</u>	2	Lawrence Review of Natural Products, Dec-90.
<u>Differentiator</u>	1	Duke, 1992 *
<u>Digitalic</u>	3	Duke, 1992 *
<u>Diuretic</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>Elastase-Inhibitor</u>	1	Duke, 1992 *
<u>Estrogenic</u>	3	Duke, 1992 *
<u>Febrifuge</u>	1	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.

Activity	Chemical Count	Reference
<u>FLavor</u>	3	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>	2	Duke, 1992 *
<u>Gastroprotective</u>	2	Duke, 1992 *
<u>Glucosyl-Transferase-Inhibitor</u>	1	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>Hemolytic</u>	1	Bisset, N.G., ed. 1994. <i>Herbal Drugs and Phytopharmaceuticals</i> . CRC Press. Boca Raton, FL. 566 pp.
<u>Hemostat</u>	1	Huang, K. C. 1993. <i>The Pharmacology of Chinese Herbs</i> . CRC Press, Boca Raton, FL 388 pp.
<u>Hepatomagenic</u>	1	Phenolic Compounds in Food and Their Effects on Health. <i>Antioxidants & Cancer Prevention</i> . Huang, M.T., Ho, C.T. and Lee, C.Y. eds. 1992. ACS Symposium Series 507.ACS, Washington 402 pp.
<u>Hepatoprotective</u>	8	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. <i>Journal of Natural Products</i> , 54(1): 136-142, 1991.
<u>Hypercholesterolemic</u>	1	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. <i>CRC Handbook of Lipids in Human Nutrition</i> . CRC Press. Boca Raton, FL. 233 pp.)
<u>Hypocholesterolemic</u>	4	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. <i>CRC Handbook of Lipids in Human Nutrition</i> . CRC Press. Boca Raton, FL. 233 pp.)
<u>Hypoglycemic</u>	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.
<u>Hypolipemic</u>	1	Duke, 1992 *
<u>Hypolipidemic</u>	1	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Hypotensive</u>	3	Duke, 1992 *
<u>ICAM-1-Inhibitor</u>	1	Duke, 1992 *
<u>Immunomodulator</u>	2	Economic & Medicinal Plant Research, 6: 189.
<u>iNOS-Inhibitor</u>	2	Duke, 1992 *
<u>Inotropic</u>	3	Duke, 1992 *
<u>Insecticide</u>	1	Alkofahi, A., Rupprecht, J. K., Anderson, J. E., McLaughlin, J. L., Mikolajczak, K. L., and Scott, B. A., Search for new pesticides from higher plants, Chap. 3 in ???, Arnason et al, eds, ACS, Washington, 1989
<u>Insectifuge</u>	3	Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.
<u>Insulinogenic</u>	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<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>	1	Merck 11th Edition
<u>JNK-Inhibitor</u>	1	Duke, 1992 *
<u>Juvabional</u>	1	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>Lactagogue</u>	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.
<u>Larvicide</u>	1	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Larvistat</u>	1	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>Laxative</u>	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.
<u>Leucocytogenic</u>	1	Duke, 1992 *
<u>Lipoxygenase-Inhibitor</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>Lubricant</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>MAO-A-Inhibitor</u>	1	Duke, 1992 *
<u>MAO-Inhibitor</u>	1	Duke, 1992 *
<u>Mast-Cell-Stabilizer</u>	1	Duke, 1992 *
<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</i> L. Inhibit in vitro LDL Peroxidation. Phytotherapy Research, 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>Mosquitocide</u>	1	Duke, 1992 *
<u>Mutagenic</u>	2	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Myostimulant</u>	1	=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
<u>NADH-Oxidase-Inhibitor</u>	1	Duke, 1992 *
<u>Natriuretic</u>	1	Duke, 1992 *
<u>Nematicide</u>	2	Nigg, H.N. and Seigler, D.S., eds. 1992. Phytochemical Resources for Medicine and Agriculture. Plenum Press, New York. 445 pp.
<u>NEP-Inhibitor</u>	1	Duke, 1992 *
<u>Neuroprotective</u>	2	Duke, 1992 *
<u>NF-kB-Inhibitor</u>	1	Duke, 1992 *
<u>NO-Inhibitor</u>	2	Duke, 1992 *
<u>NO-Synthase-Inhibitor</u>	1	Duke, 1992 *
<u>Ornithine-Decarboxylase-Inhibitor</u>	2	Duke, 1992 *
<u>P450-Inducer</u>	1	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>	1	Duke, 1992 *
<u>Paralytic</u>	1	Wichtl, M. 1984. Teedrogen. Ein Handbuch fur Apotheker und Arzte. Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.
<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. Chem. Pharm. Bull. 38(11): 3086-3089, 1990.
<u>Perfumery</u>	2	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry
<u>Pesticide</u>	8	Duke, 1992 *
<u>PGE2-Inhibitor</u>	1	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Phospholipase-Inhibitor</u>	1	Duke, 1992 *
<u>Piscicide</u>	1	Duke, 1992 *
<u>Plasmodicide</u>	1	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
<u>Potassium-Sparing</u>	1	Iwu, M.M. 1993. Handbook of African Medicinal Plants. CRC Press, Boca Raton, FL 435 pp.
<u>Proliferant</u>	1	Duke, 1992 *
<u>Propecic</u>	4	Duke, 1992 *
<u>Prostaglandin-Synthesis-Inhibitor</u>	2	Huang, C., Tunon, H., Bohlin, L. 1995. Anti-Inflammatory Compounds Isolated from Menyanthes trifoliata L. Yao Hsueh Hsueh Pao, 30(8): 621-626.
<u>Protease-Inhibitor</u>	1	Duke, 1992 *
<u>Protein-Kinase-C-Inhibitor</u>	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.
<u>Protisticide</u>	2	Chemical Express, 7: 285, 1992.
<u>PTK-Inhibitor</u>	1	Duke, 1992 *
<u>Quinone-Reductase-Inducer</u>	3	Duke, 1992 *
<u>RNA-Inhibitor</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 275.
<u>Soap</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>Sodium-Sparing</u>	1	Iwu, M.M. 1993. Handbook of African Medicinal Plants. CRC Press, Boca Raton, FL 435 pp.
<u>Spermicide</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>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>Teratologic</u>	2	Duke, 1992 *
<u>TNF-alpha-Inhibitor</u>	2	Duke, 1992 *
<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>	3	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>Toxic</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>Tranquilizer</u>	1	Huang, K. C. 1993. <i>The Pharmacology of Chinese Herbs</i> . CRC Press, Boca Raton, FL 388 pp.
<u>Trypanocide</u>	1	Duke, 1992 *
<u>Tumorigenic</u>	1	Jim Duke's personal files.
<u>Tyrosinase-Inhibitor</u>	2	Duke, 1992 *
<u>Tyrosine-Kinase-Inhibitor</u>	1	Economic & Medicinal Plant Research, 6: 170.
<u>Ubiquiot</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>Ulcerogenic</u>	1	Duke, 1992 *
<u>Uricosuric</u>	1	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>Uterotrophic</u>	1	Journal of Medicinal Food 2: 227.1999.
<u>Vasodilator</u>	2	Duke, 1992 *

Activity	Chemical Count	Reference
<u>Vasopressor</u>	1	Duke, 1992 *
<u>VEGF-Inhibitor</u>	1	Duke, 1992 *
<u>Xanthine-Oxidase-Inhibitor</u>	1	Chem. & Pharm. Bull. 38: 1772.