

## Dr. Duke's Phytochemical and Ethnobotanical Databases

### Ethnobotanical Uses for Piper betel

Ethnobotanical Use	Country/Region	Reference
Adenopathy	China	Shih-chen, Li. 1973. Chinese medicinal herbs. Georgetown Press, San Francisco.
Anodyne	China	ANON. 1974. A barefoot doctor's manual. DHEW Publication No. (NIH): 75-695.
Antioxidant	Elsewhere	--
Antiseptic	Turkey	Steinmetz, E.F. 1957. codex Vegetabilis. Published by the author, Amsterdam.
Antiseptic	Elsewhere	--
Antiseptic	Egypt	Tackholm, Vivi and Gunnar. 1973 (reprint). Flora of Egypt. Vol. 1-4. Originally published in Foriad I Univ. Bulletin of the Faculty of Science, vol. 17, Cairo, 1941.
Aphrodisiac	Egypt	Tackholm, Vivi and Gunnar. 1973 (reprint). Flora of Egypt. Vol. 1-4. Originally published in Foriad I Univ. Bulletin of the Faculty of Science, vol. 17, Cairo, 1941.
Asthma	India(Santal)	--
Astringent	Egypt	Tackholm, Vivi and Gunnar. 1973 (reprint). Flora of Egypt. Vol. 1-4. Originally published in Foriad I Univ. Bulletin of the Faculty of Science, vol. 17, Cairo, 1941.
Astringent	Turkey	Steinmetz, E.F. 1957. codex Vegetabilis. Published by the author, Amsterdam.
Bactericide	Elsewhere	--
Bite(Snake)	Egypt	Tackholm, Vivi and Gunnar. 1973 (reprint). Flora of Egypt. Vol. 1-4. Originally published in Foriad I Univ. Bulletin of the Faculty of Science, vol. 17, Cairo, 1941.
Bronchitis	India(Santal)	--
Bronchitis	Asia	Uphof, J.C. Th. 1968. Dictionary of economic plants. 2nd ed. Verlag von J. Cramer.
Bruise	China	Shih-chen, Li. 1973. Chinese medicinal herbs. Georgetown Press, San Francisco.
Cancer	Thailand	Hartwell, J.L. 1967-71. Plants used against cancer. A survey. Lloydia 30-34.
Carminative	Elsewhere	--
Carminative	China	Shih-chen, Li. 1973. Chinese medicinal herbs. Georgetown Press, San Francisco.
Carminative	Egypt	Tackholm, Vivi and Gunnar. 1973 (reprint). Flora of Egypt. Vol. 1-4. Originally published in Foriad I Univ. Bulletin of the Faculty of Science, vol. 17, Cairo, 1941.
Carminative	China	Uphof, J.C. Th. 1968. Dictionary of economic plants. 2nd ed. Verlag von J. Cramer.
Catarrh	Elsewhere	--

Ethnobotanical Use	Country/Region	Reference
Catarrh	Egypt	Tackholm, Vivi and Gunnar. 1973 (reprint). Flora of Egypt. Vol. 1-4. Originally published in Foriad I Univ. Bulletin of the Faculty of Science, vol. 17, Cairo, 1941.
CNS depressant	Elsewhere	--
Colic	India(Santal)	--
Congestion	Egypt	Tackholm, Vivi and Gunnar. 1973 (reprint). Flora of Egypt. Vol. 1-4. Originally published in Foriad I Univ. Bulletin of the Faculty of Science, vol. 17, Cairo, 1941.
Contraceptive	Egypt	Tackholm, Vivi and Gunnar. 1973 (reprint). Flora of Egypt. Vol. 1-4. Originally published in Foriad I Univ. Bulletin of the Faculty of Science, vol. 17, Cairo, 1941.
Cough	Egypt	Tackholm, Vivi and Gunnar. 1973 (reprint). Flora of Egypt. Vol. 1-4. Originally published in Foriad I Univ. Bulletin of the Faculty of Science, vol. 17, Cairo, 1941.
Cough	China	ANON. 1974. A barefoot doctor's manual. DHEW Publication No. (NIH): 75-695.
Cough	India(Santal)	--
Digestive	Elsewhere	--
Diphtheria	Elsewhere	--
Diphtheria	Asia	Uphof, J.C. Th. 1968. Dictionary of economic plants. 2nd ed. Verlag von J. Cramer.
Dysentery	India(Santal)	--
Edema	China	ANON. 1974. A barefoot doctor's manual. DHEW Publication No. (NIH): 75-695.
Eye	Egypt	Tackholm, Vivi and Gunnar. 1973 (reprint). Flora of Egypt. Vol. 1-4. Originally published in Foriad I Univ. Bulletin of the Faculty of Science, vol. 17, Cairo, 1941.
Fungicide	Elsewhere	--
Gargle	Asia	Uphof, J.C. Th. 1968. Dictionary of economic plants. 2nd ed. Verlag von J. Cramer.
Inflammation	China	ANON. 1974. A barefoot doctor's manual. DHEW Publication No. (NIH): 75-695.
Inhalant	Asia	Uphof, J.C. Th. 1968. Dictionary of economic plants. 2nd ed. Verlag von J. Cramer.
Itch	China	ANON. 1974. A barefoot doctor's manual. DHEW Publication No. (NIH): 75-695.
Laryngitis	Asia	Uphof, J.C. Th. 1968. Dictionary of economic plants. 2nd ed. Verlag von J. Cramer.
Liver	Egypt	Tackholm, Vivi and Gunnar. 1973 (reprint). Flora of Egypt. Vol. 1-4. Originally published in Foriad I Univ. Bulletin of the Faculty of Science, vol. 17, Cairo, 1941.
Lung	Elsewhere	--

Ethnobotanical Use	Country/Region	Reference
Malaria	China	Shih-chen, Li. 1973. Chinese medicinal herbs. Georgetown Press, San Francisco.
Masticatory	Turkey	Steinmetz, E.F. 1957. codex Vegetabilis. Published by the author, Amsterdam.
Masticatory	Egypt	Tackholm, Vivi and Gunnar. 1973 (reprint). Flora of Egypt. Vol. 1-4. Originally published in Foriadi Univ. Bulletin of the Faculty of Science, vol. 17, Cairo, 1941.
Masticatory	Asia	Uphof, J.C. Th. 1968. Dictionary of economic plants. 2nd ed. Verlag von J. Cramer.
Phthisis	India(Santal)	--
Pregnancy	China	ANON. 1974. A barefoot doctor's manual. DHEW Publication No. (NIH): 75-695.
Preventive	China	Uphof, J.C. Th. 1968. Dictionary of economic plants. 2nd ed. Verlag von J. Cramer.
Preventive(Malaria)	China	Shih-chen, Li. 1973. Chinese medicinal herbs. Georgetown Press, San Francisco.
Rheumatism	China	ANON. 1974. A barefoot doctor's manual. DHEW Publication No. (NIH): 75-695.
Satyriasis	Egypt	Tackholm, Vivi and Gunnar. 1973 (reprint). Flora of Egypt. Vol. 1-4. Originally published in Foriadi Univ. Bulletin of the Faculty of Science, vol. 17, Cairo, 1941.
Sore	China	Shih-chen, Li. 1973. Chinese medicinal herbs. Georgetown Press, San Francisco.
Sore	India(Santal)	--
Sore	China	ANON. 1974. A barefoot doctor's manual. DHEW Publication No. (NIH): 75-695.
Sore(Throat)	Asia	Uphof, J.C. Th. 1968. Dictionary of economic plants. 2nd ed. Verlag von J. Cramer.
Sterilizant	India	Uphof, J.C. Th. 1968. Dictionary of economic plants. 2nd ed. Verlag von J. Cramer.
Stimulant	Elsewhere	--
Stimulant	China	Shih-chen, Li. 1973. Chinese medicinal herbs. Georgetown Press, San Francisco.
Stimulant	China	Uphof, J.C. Th. 1968. Dictionary of economic plants. 2nd ed. Verlag von J. Cramer.
Stimulant	Turkey	Steinmetz, E.F. 1957. codex Vegetabilis. Published by the author, Amsterdam.
Stimulant	Egypt	Tackholm, Vivi and Gunnar. 1973 (reprint). Flora of Egypt. Vol. 1-4. Originally published in Foriadi Univ. Bulletin of the Faculty of Science, vol. 17, Cairo, 1941.
Stimulant	Asia	Uphof, J.C. Th. 1968. Dictionary of economic plants. 2nd ed. Verlag von J. Cramer.
Swelling	China	Shih-chen, Li. 1973. Chinese medicinal herbs. Georgetown Press, San Francisco.

Ethnobotanical Use	Country/Region	Reference
Syphilis	India(Santal)	--
Thirst	Egypt	Tackholm, Vivi and Gunnar. 1973 (reprint). Flora of Egypt. Vol. 1-4. Originally published in Foriad I Univ. Bulletin of the Faculty of Science, vol. 17, Cairo, 1941.
Tuberculosis	India(Santal)	--
Tumor	Indochina	Hartwell, J.L. 1967-71. Plants used against cancer. A survey. Lloydia 30-34.
Womb	India(Santal)	--
Wound	Egypt	Tackholm, Vivi and Gunnar. 1973 (reprint). Flora of Egypt. Vol. 1-4. Originally published in Foriad I Univ. Bulletin of the Faculty of Science, vol. 17, Cairo, 1941.
Wound	Asia	Uphof, J.C. Th. 1968. Dictionary of economic plants. 2nd ed. Verlag von J. Cramer.