

Review On Pharmacognostic Study of Polyherbal Plant and Oil

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Abstract: Medicinal plants, having great elementary and therapeutic importance, are the gift to mankind to acquire healthy lifestyle. Nirgundi, commonly known as Five leaved chaste tree is one of the most widely used herb for treatment purposes. Tulsi acts as a natural immunity booster and keeps infections at bay. honey is used as an anti-inflammatory, antioxidant and antibacterial agent. Cinnamon has anti-fungal, antioxidant and antibacterial properties that make it the perfect solution for acne-free skin. Fennel Oil can help to soothe and calm your skin. turmeric prevents skin cells from clumping together and clogging the pores. eucalyptus essential oil is antiseptic and antibacterial, it helps cleanse the epidermis of impurities that contribute to acne. Multani mitti helps fight dark circles and sun damage due to its cooling effect on the skin.

Keywords: Anti-bacterial, anti-microbial, anti-aging, anti-viral, nirgundi

REFERENCES

- [1]. Biswas NP, Biswas AK. Evaluation of some leaf dusts as grain protectant against rice weevil *Sitophilus oryzae* (Linn.) Environ Ecol. 2005;23:485–8.
- [2]. Chatterjee, Gautam (2001). Sacred Hindu Symbols. Abhinav Publications. pp. 93. ISBN 9788170173977. Simoons, pp. 17-18.
- [3]. Alam, M.I. and Gomes, A. (2003): Snake venom neutralization by Indian medicinal plants (*Vitex negundo* and *Emblica officinalis*) root extracts. Journal of Ethnopharmacology. 86: 75-80.
- [4]. Arora, V., Lohar, V., Singhal, S. and Bhandari, A. (2011): *Vitex negundo* - A Chinese Chaste Tree. International Journal of Pharmaceutical Innovations., 1(5): 9- 20.
- [5]. Aswar, P.B., Khadabadi, S.S., Kuchekar, B.S., Rajurkar, R.M., Saboo, S.S. and Javarkar, R.D. (2009): In vitro evaluation of anti-bacterial and anti-fungal activity of *Vitex negundo* (Verbenaceae). Ethnobotanical Leaflets. 13: 962-967.
- [6]. Au, D.T., Wu, J., Jiang, Z., Chen, H., Lu, G. and Zhao, Z. (2008): Ethnobotanical study of medicinal plants used by Hakka in Guangdong, China. Journal of Ethnopharmacology. 117 : 41-50.
- [7]. Avadhoot, Y. and Rana, A.C. (1991): Hepatoprotective effect of *Vitex negundo* against carbon tetrachloride induced liver damage. Arch. Pharm. Res. 14(1): 96-98.
- [8]. Bast F, Rani P, Meena D. Chloroplast DNA phylogeography of holy basil (*Ocimum tenuiflorum*) in Indian subcontinent. ScientificWorldJournal. 2014;2014:847–482
- [9]. Singh N, Hoette Y, Miller R. Tulsi: The Mother Medicine of Nature. 2nd ed. Lucknow: International Institute of Herbal Medicine;2010. pp. 28–47.
- [10]. Bandara, Thushari, Inoka Uluwaduge, and E. R.Jansz. 2012. "Bioactivity of Cinnamon with Special Emphasis on Diabetes Mellitus: A Review." International Journal of Food Sciences and Nutrition 63(3): 380–86.
- [11]. Couturier, K. et al. 2010. "Cinnamon Improves Insulin Sensitivity and Alters the Body Composition in an Animal Model of the Metabolic Syndrome." Archives of Biochemistry and Biophysics 501(1): 158–61. <http://dx.doi.org/10.1016/j.abb.2010.05.032.5>. Dutta, Anindita, and Anindita Chakraborty. 2018
- [12]. Kumari, Reshma, and Sanjay Kumar. 2019. "Cinnamomum: Review Article of Essential Oil Compounds, Ethnobotany, Antifungal and Antibacterial Effects." Open Access Journal of Science 3(1): 11–15.

- [13]. Mahdi, Montadher Ali, Mustafa Taha Mohammed, Abdulkadir Mohammed Noori Jassim, and Awatif I. Mohammed. 2018. "Phytochemical Content and Anti-Oxidant Activity of *Hylocereus undatus* and study of toxicity and the ability of wound treatment." *Plant Archives* 18(2): 2672–80.
- [14]. 2012 hanrahan c (2005) Fennel, in *Gale Encyclopedia of Alternative Medicine*, available at: <http://www.encyclopedia.com/topic/fennel.aspx> [accessed March 2012].
- [15]. harborne jb and saleh nam (1971) Flavonol glycoside variation in fennel, *Foeniculum vulgare*, *Phytochemistry* 10(2): 399–400.
- [16]. harborne jb, heywood vh and williams ca (1969) Distribution of myristicin in seeds of the Umbelliferae, *Phytochemistry* 8(9): 1729–32
- [17]. harries n, james kc and pugh wk (1978) Antifoaming and carminative actions of volatile oils, *Br. J. Surg.*, 2: 171–7
- [18]. iten f and saller r (2004) Fennel tea: risk assessment of the phytochemical estragole in comparison to the natural multicomponent mixture, *Forsch Komplementarmed Klass Naturheilkd*, 11(2): 104–8
- [19]. Marzoug HNB, Romdhane M, Lebrihi A et al. *Eucalyptus oleosa* essential oils chemical composition and antimicrobial and antioxidant activities of the oils from different plant parts stem, leaves, flowers and fruit. 2011; 16(2):1695-1709.
- [20]. Anonymous. *The Wealth of India Raw materials* CSIR, New Delhi. 2003; (3):211-213.
- [21]. Sastri BN. *The Wealth of India A Dictionary of India Raw materials & Industrial Products*. Raw materials, Council of Scientific & Industrial Research, New Delhi. 2002; (5):203-204.
- [22]. Fresquet Febrer JL. *Eucalyptus globulus & medicine*. *Med Hist*. 1995; (58):1-16.
- [23]. javaid A, Samad S. Screening of allelopathic trees for their antifungal potential against *Alternaria* alternate strains isolated from dying-back *Eucalyptus* spp. *Nat Prod Res*. 2012;(26):697-702.
- [24]. Shah Gagan, Bajaj Jaideep, Soni Varinder et al. *Eucalyptus Genus: A Review*. 2016; 10(10):609-617