

เอกสารอ้างอิง

- นันทวัน บุญยะประภัสร์ และ อรุณช โขคชัยเจริญพร. 2543a. สมุนไพรร ไม้พื้นบ้าน (4). บริษัท ประชาชน จำกัด, 740 น.
- นันทวัน บุญยะประภัสร์ และ อรุณช โขคชัยเจริญพร. 2543b. สมุนไพรร ไม้พื้นบ้าน (5). บริษัท ประชาชน จำกัด, 508 น.
- สมศักดิ์ คงพริ้ว. 2552. การวิเคราะห์ความสัมพันธ์ทางพันธุกรรมของพืชสมุนไพรวงศ์ดอยตุงโดยวิธี สันฐานวิทยา ไอโซไซม์ และเซลล์พันธุศาสตร์. วิทยานิพนธ์หลักสูตรวิทยาศาสตรมหาบัณฑิต (เกษตรศาสตร์) สาขาวิชาพืชสวน. มหาวิทยาลัยเชียงใหม่.
- Akujabi, C., Anyanwu, B.N., Onyeze, C. and Ibekwe, V.I. 2004. Antibacterial activities and preliminary phytochemical screening of four medicinal plants. *Journal of applied Sciences*. 7: 4328-4338.
- Altschul, S.F., Gish, W., Miller, W., Myers, E.W. and Lipman, D.J. 1990. Basic local alignment search tool. *Journal of molecular biology*. 215: 403-410.
- Amoo, S.O., Ndhlala, A.R., Finnie, J.F. and Van Staden, J. 2011. Antifungal, acetylcholinesterase inhibition, antioxidant and phytochemical properties of three *Barleria* species. *The South African Journal of Botany*. 77: 435-445.
- Amoo, S.O., Finnie, J.F. and Van Staden, J. 2009. In vitro pharmacological evaluation of three *Barleria* species. *Journal of Ethnopharmacology*. 121: 274-277.
- Aneja, K.R., Joshi, R. and Sharma, C. 2010. Potency of *Barleria prionitis* L. bark extracts against oral diseases causing strains of bacteria and fungi of clinical origin. *New York Science Journal*. 3: 5-12.
- Ata, A., van den Bosch, S.A., Harwanik, D.J. and Pidwinski, G.E. 2007. Glutathione S-Transferase and acetylcholinesterase-inhibiting natural products from medicinally important plants. *Pure and Applied Chemistry*. 79: 2269-2276.
- Ata, A., Kalhari, K.S. and Samarasekera, R. 2009. Chemical constituents of *Barleria prionitis* and their enzyme inhibitory and free radical scavenging activities. *Phytochemistry Letters*. 2: 37-40.
- Balkwill, M.J. and Balkwill, K. 1997. Delimitation and infrageneric classification of *Barleria* (Acanthaceae). *Kew Bulletin*. 52: 535-573.
- Balkwill, M.J. and Balkwill, K. 1998. A preliminary analysis of distribution patterns in a large, pantropical genus, *Barleria* (Acanthaceae). *Journal of Biogeography*. 25: 95-110.
- Banerjee, D., Maji, A.K., Mahapatra, S. and Banerji, P. 2012. *Barleria prionitis* Linn.: A review of its traditional uses, phytochemistry, pharmacology and toxicity. *Research Journal of Phytochemistry*. 6: 31-41.
- Benoist, R. 1912. Acanthaceae. In pp.610-771. Lecmte, H. and H. Humbert (eds.). *Fl. Gen. L'Indo-Chine*. Tome Quatrieme. Masson et Cie, Editeurs, Paris.

- Bentham, G. and Hooker J.D. 1965. *Généra Plantarum*. Vol.2. Weinheim Verlag Von J. Cramer. Germany.
- Bhattacharyya, B. and Johri B.M. 1998. Flowering plants: taxonomy and phylogeny. Narosa Publishing House, New Delhi. 753 p.
- Bremekamp C.E.B. 1995. Delimitation and subdivision of the Acanthaceae. *Bulletin of the Botanical Survey of India*. 7: 21-30.
- Chetan, C., Suraj, M., Maheshwari, C., Rahul, A. and Priyanka, P. 2011. Screening of antioxidant activity and phenolic content of whole plant of *Barleria prionitis* Linn. *International Journal of Research in Ayurveda and Pharmacy*. 2: 1313-1319.
- Craib, W. G. 1918. Contribution to the Flora of Siam. *Kew Bulletin*. 19: 367.
- Cramer, L.H. 1998. Acanthaceae. *In* pp.1-139. Dassanayake, M.D. (ed.). A Revised Handbook to the Flora of Ceylon Vol. XII. A.A. Balkema, Rotterdam. Netherlands.
- Darbyshire, I. 2008a. A reassessment of the status of *Barleria* sect. *Caviostrata* (Acanthaceae) in tropical Africa, with a new species, *B. richardsiae*, described from the Tanzania–Zambia border region. *Kew Bulletin*. 63: 601-611.
- Darbyshire, I. 2008b. New species in *Barleria* sect. *Stellatohirta* (Acanthaceae) from Africa. *Kew Bulletin*. 63: 261-268.
- Darbyshire, I. 2009. The *Barleria fulvostellata* (Acanthaceae) complex in east Africa. *Kew Bulletin*. 64: 673-679.
- Dheer, R. and P. Bhatnagar, 2010. A study of the antidiabetic activity of *Barleria prionitis* Linn. *Indian Journal of Pharmacology*. 42: 70-73.
- Doyle, J.J. and Doyle, J.L. 1987. A rapid DNA isolation procedure for small quantities of fresh leaf tissue. *Phytochemical Bulletin*. 19: 11-15.
- Gupta, R.S., Pramod, K., Dixit, V.P., Dobhal, M.P., 2000. Antifertility studies of the root extract of the *Barleria prionitis* Linn in male albino rats with special reference to testicular cell population dynamics. *Journal of Ethnopharmacology*. 70: 111–117.
- Hansen, B. 1985. Studies on the Acanthaceae of Thailand. *Fl. Malesiana* 38: 173-178.
- Hussain, R.F., Nouri, A.M. and Oliver, R.T. 1993. A new approach for measurement of cytotoxicity using colorimetric assay. *Journal Immunol method*. 160: 89-96.
- Kanchanapoom, T., Kasai, R. and Yamasaki, K. 2001. Iridoid glucosides from *Barleria lupulina*. *Phytochemistry*, 58: 337-341.
- Kanchanapoom, T., Nolarsa, P., Ruchirawat, S., Kasai, R. and Otsuka, H. 2004. Phenylethanoid and iridoid glycosides from the Thai medicinal plant, *Barleria strigosa*. *Chemical and Pharmaceutical Bulletin*. 52: 612-614.

- Kosmulalage, K.S., Zahid, S., Udenigwe, C.C., Akhtar, S., Ata, A. and Samarasekera, R. 2007. Glutathione S-transferase, acetylcholinesterase inhibitory and antibacterial activities of chemical constituents of *Barleria prionitis*. *Z. Naturforsch.*, 62; 580-586.
- Knees, S.G., Laser, S., Miller, A.G. and Patzelt, A. 2007. A new species of *Barleria* (Acanthaceae) from Oman. *Edinburgh Journal of Botany*. 64: 107-112.
- Lynch, M. 1990. The similarity index and DNA fingerprinting. *Molecular Biology and Evolution*. 7: 478-484.
- Maji, A.K., Bhadra, S., Mahapatra, S., Banerji, P., Banerjee, D. 2011. Mast cell stabilization and membrane protection activity of *Barleria prionitis* L. *Pharmacognosy Journal*. 3: 67-71.
- Makholela, T., Van der Bank, H. and Balkwill, K. 2003. A preliminary study of allozyme variation in three rare and restricted endemic *Barleria greenii* (Acanthaceae) populations. *Biochemical Systematics and Ecology*. 31: 141-154.
- Malombe, I. and Darbyshire, I. 2010. *Barleria compacta*: a new species in *Barleria* sect. *Prionitis* (Acanthaceae) from Somalia. *Kew Bulletin* 65: 443-447.
- Mcdade, L.A. and Moody, M.L. 1999. Phylogenetic relationships among Acanthaceae: evidence from noncoding *TrnL-TrnF* chloroplast DNA sequences. *American Journal of Botany*. 86: 70-80.
- McDade, L.A., Daniel, T.F., Kiel, C.A. and Vollesen, K. 2005. Phylogenetic relationships among Acantheae (Acanthaceae): major lineages present contrasting patterns of molecular evolution and morphological differentiation. *Systematic Botany*. 30: 834-862.
- Meyer, J.Y. and Lavergne, C. 2004. Beasts fatales: Acanthaceae species as invasive alien plants on tropical Indo-Pacific Islands. *Diversity and Distributions*. 10: 333-347.
- Mosmann, T. 1983. Rapid colorimetric assay for cellular growth and survival application to proliferation and cytotoxicity assays. *Journal of Immunological Methods*. 65: 1017-1023.
- Olmstead, R.G., Bremer, B., Scott, K.M. and Palmer, J.D. 1993. A parsimony analysis of the Asteridae sensu lato based on *rbcl* sequence. *Annals of the Missouri Botanical Garden*. 80: 700-722.
- Ridley, H.N. 1923. The Flora of the Malay Peninsula Vol. II Gamopetalae. L. Reeve and Co., London.
- Salib, J.Y., Shafik, N.H., Michael, H.N. and Eskander, E.F. 2013. Antibacterial activity of *Barleria cristata* bark extracts. *Journal of Applied Sciences Research*. 9: 2156-2159.

- Samuel, A.J.S.J., Kalusalingam, A., Chellappan, D.K., Gopinath, R., Radhamani, S., Husain, H.A., Muruganandham, V. and Promwichit, P. 2010. Ethnomedical survey of plants used by the Orang Asli in Kampung Bawong, Perak, West Malaysia. *Journal of Ethnobiology and Ethnomedicine*, 6: 1-6.
- Scotland, R.W., Sweere, J.A. and Olmstead, R.G. 1995. Higher-level systematics of Acanthaceae determined by chloroplast DNA sequences. *American Journal of Botany*. 82: 266-275.
- Scotland, R.W. and Vollesen, K. 2000. Classification of Acanthaceae. *Kew Bull.* 55: 513-589.
- Shukla, P., Singh, A., Crawri, S., Alexande, A. and Sonwane, S. 2011. In vitro Propagation of *Barleria prionitis* Linn and its antibacterial activity. *International Journal of Pharma Professional's Research*. 2: 198-200.
- Singh, B., Bani, S., Gupta, D.K., Chandan, B.K., Kaul, A. 2003. Anti-inflammatory activity of 'TAF' an active fraction from the plant *Barleria prionitis* Linn. *Journal of Ethnopharmacology*. 85: 187-193.
- Singh, B., Chandan, B.K., Prabhakar, A., Taneja, S.C., Sing, J., Qazi, G.N. 2005. Chemistry of Hepatoprotective activity of an active fraction from *Barleria prionitis* Linn in experimental animals. *Phytotherapy Research*. 19: 391-404.
- Suba, V., Murugesan, T., Arunachalam, G., Mandal, S.C. and Saha, B.P. 2004a. Anti-diabetic potential of *Barleria lupulina* extract in rats. *Phytomedicine*. 11: 202-205.
- Suba, V., Murugesan, T., Bhaskara Rao, R., Ghosh, L., Pal, M., Mandal, S.C. and Saha, B.P. 2004b. Antidiabetic potential of *Barleria lupulina* extract in rats. *Fitoterapia*. 75: 1-4.
- Suba, V., Murugesan, T., Kumaravelrajan, R., Mandal, S.C. and Saha, B.P. 2005. Antiinflammatory, analgesic and antiperoxidative efficacy of *Barleria lupulina* Lindl. extract. *Phytotherapy Reearch*. 19: 695-699.
- Taberlet P., Gielly L., Pautou G. and Bouvet J. 1991. Universal primers for amplification of three noncoding regions of chloroplast DNA. *Plant Molecular Biology*. 17: 1105-1109.
- Tuntiwachwuttikul, P., Pandiaroen, O. and Taylor W.C. 1998. Iridoid glucosides of *Barleria lupulina*. *Phytochemistry*. 49: 163-166.
- Verma, P.K., Sharma, A., Joshi, S.C., Gupta, R.S. and Dixit, V.P. 2005. Effect of isolated fractions of *Barleria prionitis* root methanolic extract on reproductive function of male rats: preliminary study. *Fitoterapia*. 76: 428-432.
- Williams, J.K.G., Kubelik, A.R., Livak, K.J., Rafalski, J.A. and Tingey, S.V. 1990. DNA polymorphisms amplified by arbitrary primers are useful as genetic markers. *Nucleic Acids Research*. 18: 6531-6535.

Yoosook, C., Bunyapraphatsara, N., Boonyakiat, Y. and Kantasuk, C. 2000. Anti-Herpes simplex virus activities of crude water extracts of Thai medicinal plants. *Phytomedicine*. 6: 411-419.