

REFERENCES

1. Gurib-Fakim A. , *Mol Aspect Med.*,**27**,1(2006).
2. Neuwinger HD. "African traditional medicine: A dictionary of Plant Use and Applications" , Medpharm Scientific Publishers, Stuttgart(2000).
3. Hedberg I, Staugard F. , "Traditional Medicine in Gaborone" , Ipeleng Publishers, Botswana (1989).
4. Port L., Association for African Medicinal Plants Standards, Ltd. 2000-2010. [cited 2010 Jun 15]. Available from: <http://www.aamps.org/en/>
5. Kokwaro, O., "Medicinal Plants of East Africa" , East African Literature, Nairobi (1976).
6. World Health Organization , "The Promotion and Development of Traditional Medicine", WHO Press, Geneva (Switzerland), (1978).
7. Kyerematen, G.A., Ogunlana, E.O., *J Ethnopharmacol.*, **20**,191(1987).
8. Hostettman, K., Terreaux, C., *Chimia.*,**54**,652(2000).
9. Farnsworth, N.R., Soejarto, D.D., Global importance of medicinal plants. In: Akerele O, Heywood V, Synge H, editors,

"Conservation of Medicinal Plants" , Cambridge University Press, Cambridge (1991).

10. Wood-Sheldon, J., Balick, M.J., Laird, S.A. " Medicinal plants: Can Utilization and Conservation Coexist?", The New York Botanical Garden, Bronx (1997).

11. Cotton, C.M., " Ethnobotany - Principles and Applications", John Wiley and Sons, Chisester (1996).

12. Vuorelaa, P., Leinonenb, M., Saikkuc, P., Tammelaa, P., Rauhad, J.P., Wennberge, T., *Curr Med Chem.*,**11**,1375(2004).

13. Fabricant DS, Farnsworth NR. The value of plants used in traditional medicine for drug discovery. EHP. 2001;109:69–75. [[PMC free article](#)] [[PubMed](#)]

14. Jansen PC, Mendes O. Plantas medicinais: Seu Uso Tradicional em Moçambique. Maputo: Imprensa do Partido; 1991.

15. Hutchings A, Scott A, Lewis G, Cunningham A. Zulu medicinal plants: An inventory. Pinetown: University of Natal Press; 1996.

16. Hedberg I, Hedberg O, Madati PJ, Mshigeni KE, Mshiu EN, Samuelsson G. Inventory of plants used in traditional medicine in Tanzania. I. Plants of the families Acanthaceae-Cucurbitaceae. J Ethnopharmacol. 1982;6:29–60. [[PubMed](#)]

17. Mueller M, Mechler E. Medicinal plants in tropical countries: Traditional use - experience - facts. Stuttgart: Thieme; 2005.
18. Rogers CB, Abbot ATD, van Wyk AE. A convenient thin layer chromatographic technique for chemotaxonomic application in *Maytenus* (Celastraceae) S Afr J Bot. 1999;65:174–6.
19. Simmons MP, Hedin JP. Relationships and morphological character change among genera of Celastraceae sensu lato (including Hippocrateaceae) Ann Missouri Bot Gard. 1999;86:723–57.
20. Simmons MP, Clevinger CC, Savolainen V, Archer RH, Mathews S, Doyle JJ. Phylogeny of the Celastraceae inferred from phytochrome B gene sequence and morphology. Am J Bot. 2001;88:313–25. [\[PubMed\]](#)
21. Simmons MP, Savolainen V, Clevinger CC, Archer RH, Davis JI. Phylogeny of the Celastraceae inferred from 26S nrDNA, phytochrome B, *atpB*, *rbcL*, and morphology. Molec Phylog Evol. 2001;19:353–66. [\[PubMed\]](#)
22. Jordaan M, van Wyk AE. Sectional classification of *Gymnosporia* (Celastraceae), with notes on the nomenclatural and taxonomic history of the genus. Taxon. 2006;55:515–25.

23. New York: ITHAKA; © 2000-2010. [cited 2010 Jun 15]. Available from:<http://www.aluka.com> .
24. Alvarenga N, Ferro EA. Bioactive triterpenes and related compounds from Celastraceae. In: Atta-ur-Rahman, editor. Studies in Natural Products Chemistry Volume 33, Part 13. Amsterdam: Elsevier Science Publishers; 2006. pp. 239–307.
25. Joffily A, Vieira RC. Anatomia foliar de *Maytenus Mol. Emend Mol.* (Celastraceae), ocorrente no Estado do Rio de Janeiro, Brasil. Acta Bot Bras. 2005;19:549–61.
26. Duarte MR, Debur MC. Stem and leaf morphoanatomy of *Maytenus ilicifolia*.Fitoterapia. 2005;76:41–9. [[PubMed](#)]
27. da Silva G, Taniça M, Gomes ET, Serrano R, Silva O. Morphoanatomy and histochemistry of *Maytenus heterophylla* leaf, an African medicine. Planta Med.2009;75:994.
28. Serrano R, Gomes ET, Silva O. Botanical characterization of *Maytenus senegalensis*leaf an African medicinal plant. Planta Med. 2008;74:1131.
29. Orabi KY, Al-Qasoumi SI, El-Olemy MM, Mossa JS, Muhammad I. Dihydroagarofuran alkaloid and triterpenes from *Maytenus heterophylla* and *Maytenus arbutifolia*. Phytochemistry. 2001;58:475–80. [[PubMed](#)]

30. Pistelli L, Venturi R, Marsili A, Morelli I. Alkaloids and coumarins from *Gymnosporia senegalensis* var. *spinosa* (Celastraceae). *Biochem Syst Ecol.* 1998;26:677–9.
31. Hussein G, Nakamura N, Meselhy MR, Hattori M. Phenolics from *Maytenus senegalensis*. *Phytochemistry.* 1999;50:689–94.
32. Sosa S, Morelli CF, Tubaro A, Cairoli P, Speranza G, Manitto P. Anti-inflammatory activity of *Maytenus senegalensis* root extracts and of maytenoic acid. *Phytomedicine.* 2007;14:109–14. [[PubMed](#)]
33. Lindsey KL, Budesinsky M, Kohout L, van Staden J. Antibacterial activity of maytenonic acid isolated from the root-bark of *Maytenus senegalensis*. *S Afr J Bot.* 2006;72:473–7.
34. Muregi FW, Ishih A, Suzuki T, Kino H, Amano T, Mkoji GM, et al. *In vivo*antimalarial activity of aqueous extracts from Kenyan medicinal plants and their chloroquine (CQ) potentiation effects against a blood-induced CQ-resistant rodent parasite in mice. *Phytother Res.* 2007;21:337–43. [[PubMed](#)]
35. Clarkson C, Maharaj VJ, Crouch NR, Grace OM, Pillay P, Matsabisa MG, et al. *In vitro* antiplasmodial activity of medicinal plants native to or naturalized in South Africa. *J Ethnopharmacol.* 2004;92:177–91. [[PubMed](#)]

36. El Tahir A, Satti GMH, Khalid SA. Antiplasmodial activity of selected Sudanese medicinal plants with emphasis on *Maytenus senegalensis* (Lam.) Exell J Ethnopharmacol. 1999;64:227–33. [PubMed]
37. El Tahir A, Ibrahim AM, Satti GM, Theander TG, Kharazmi A, Khalid SA. The potential antileishmanial activity of some Sudanese medicinal plants. Phytother Res. 1998;12:576–9.
38. Matu EN, van Staden J. Antibacterial and anti-inflammatory activities of some plants used for medicinal purposes in Kenya. J Ethnopharmacol. 2003;87:35–41. [PubMed]
39. Khalid SA, Friedrichsen GM, Christensen SB, El Tahir A, Satti GM. Isolation and characterization of pristimerin as the antiplasmodial and antileishmanial agent of *Maytenus senegalensis* (Lam.) Exell Arkivoc. 2007;9:129–34.
40. Lall N, Meyer JJM. *In vitro* inhibition of drug-resistant and drug-sensitive strains of *Mycobacterium tuberculosis* by ethnobotanically selected South African plants. J Ethnopharmacol. 1999;66:347–54. [PubMed]
41. Jorge RM, Leite JP, Oliveira AB, Tagliati CA. Evaluation of antinociceptive, anti-inflammatory and ulcerogenic activities of *Maytenus ilicifolia*. J Ethnopharmacol. 2004;94:93–100. [PubMed]

42. Kimura E, Albiero AL, Cuman RK, Caparroz-Assef SM, Oga S, Bersani-Amado CA. Effect of *Maytenus aquifolium* extract on the pharmacokinetic and anti-inflammatory effectiveness of piroxicam in rats. *Phytomedicine*. 2000;7:117–21. [PubMed]
43. Backhouse N, Delporte C, Negrete R, Munoz O, Ruiz R. Antiinflammatory and antipyretic activities of *Maytenus boaria*. *Pharmaceut Biol*. 1994;32:239–44.
44. dos Santos VL, Costa VB, Agra MF, Silva BA, Batista LM. Pharmacological studies of ethanolic extracts of *Maytenus rigida* Mart (Celastraceae) in animal models. *Rev Bras Farmacogn*. 2007;17:336–42.
45. da Silva G, Taniça M, Rocha J, Serrano R, Gomes ET, Sepedes B, et al. *In vivo* anti-inflammatory effect and toxicological screening of *Maytenus heterophylla* and *Maytenus senegalensis* extracts. *Hum Exp Toxicol* [Internet] 2000. Jul 29, [cited 2011 May 10]. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/20670987>.