

Xylophia

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Xylophia is a genus of plant in family Annonaceae. It contains the following species : * Xylophia africana, Oliv.* Xylophia amplexicaulis, Baillon* Xylophia ekmanii, R.E. Fries* Xylophia elliotii, Engl.* Xylophia elliptica, Maingay ex Hook.f. & Th.* Xylophia hastarum, M.L. Green* Xylophia lamarckii, Baillon* Xylophia latipetala, Verdc.* Xylophia longifolia, DC.* Xylophia magna, Maingay ex Hook.f. & Th.* Xylophia pierrei, Hance* Xylophia richardii, Boivin ex Baillon* Xylophia talbotii, ExellCategory:Annonaceae

Recent Publications on Xylophia:



- [Changes in hydraulic conductivity, mechanical properties, and density reflecting the fall in strain along the lateral roots of two species of tropical trees.](#)
*Roots have been described as having larger vessels and so greater...*29th April, 2008
The University of Manchester, Faculty of Life Sciences, Jackson's Mill,- J Exp Bot. 2007;58(15-16):4095-105. Epub 2007 Nov 26. ([DOI Direct Link](#))
- [Antiprotozoal and cytotoxic activities in vitro of Colombian Annonaceae.](#)
*Ethnobotanical and chemotaxonomical studies for antiparasitic activity of...*27th July, 2007
Grupo de Investigacion en Sustancias Bioactivas (GISB), Facultad de- J Ethnopharmacol. 2007 May 22;111(3):630-5. Epub 2007 Jan 18. ([DOI Direct Link](#))
- [In vitro cytotoxic activity of Brazilian plant extracts against human lung, colon and CNS solid cancers and leukemia.](#)
*The cytotoxicity of extracts obtained from plants occurring in the Amazon...*13th July, 2007
Laboratorio de Extração da Universidade Paulista - UNIP, Sao Paulo, SP,- Fitoterapia. 2007 Apr;78(3):223-6. Epub 2007 Feb 6. ([DOI Direct Link](#))
- [In vitro antiplasmodial activity of Brazilian Cerrado plants used as traditional remedies.](#)
*Twenty-seven species of native Brazilian Cerrado plants commonly used by...*28th June, 2007
Laboratorio de Farmacognosia, Faculdade de Ciencias da Saude, Universidade- J Ethnopharmacol. 2007 Mar 1;110(1):165-70. Epub 2006 Sep 23. ([DOI Direct Link](#))
- [Aromatic compounds produced by Periconia atropurpurea, an endophytic fungus associated with Xylophia aromatica.](#)
*6,8-Dimethoxy-3-(2'-oxo-propyl)-coumarin (1) and...*27th April, 2007
Nucleo de Bioensaio, Biossíntese e Ecofisiologia de Produtos Naturais,- Phytochemistry. 2006 Dec;67(24):2686-90. Epub 2006 Oct 19. ([DOI Direct Link](#))
- [Secondary and tertiary isoquinoline alkaloids from Xylophia parviflora.](#)
*From the secondary and tertiary alkaloidal fractions of the root and the...*27th April, 2007
Natural Medicinal Chemistry, Kobe Pharmaceutical University, 4-19-1,- Phytochemistry. 2006 Dec;67(24):2671-5. Epub 2006 Sep 11. ([DOI Direct Link](#))
- [Antimalarial activity of some Colombian medicinal plants.](#)

- Antimalarial activity of 10 vegetal extracts (9 ethanolic extracts and 1...27th January, 2007*
Departamento de Farmacia, Facultad de Ciencias, Universidad Nacional de- J Ethnopharmacol. 2006
Oct 11;107(3):460-2. Epub 2006 Apr 15. ([DOI Direct Link](#))
- [Calcium channel blockade as a target for the cardiovascular effects induced by the 8 \(17\), 12E, 14-labdatrien-18-oic acid \(labdane-302\).](#)
The cardiovascular effects induced by labdane-302, a diterpene isolated...12th December, 2006
Laboratorio de Tecnologia Farmaceutica, Universidade Federal da Paraiba,- Vascul Pharmacol. 2006
May;44(5):338-44. Epub 2006 Mar 9. ([DOI Direct Link](#))
 - [ent-Trachylobane diterpenoids from *Xylopi*a langsdorffiana.](#)
Two new diterpenes of the ent-trachylobane type were isolated from the...1st August, 2006
Laboratorio de Tecnologia Farmaceutica, Universidade Federal da Paraiba,- J Nat Prod. 2006
Jun;69(6):960-2. ([DOI Direct Link](#))
 - [Potential use of essential oils from Cameroon applied as fumigant or contact insecticides against *Sitophilus zeamais* Motsch. \(Coleoptera: Curculionidae\).](#)
Essential oils from seven plants species currently found in Cameroon were...13th July, 2006
Unite d'Ecologie et de Biogeographie, Centre de Recherche sur la- Commun Agric Appl Biol Sci. 2005;70(4):787-92.
 - [Antibacterial activity of eight Brazilian annonaceae plants.](#)
Sixteen extracts, obtained from eight Brazilian plants of Annonaceae...21st March, 2006
Departamento de Quimica -- ICEx -- Universidade Federal de Minas Gerais,- Nat Prod Res. 2006
Jan;20(1):21-6. ([DOI Direct Link](#))
 - [Prolyl endopeptidase and thrombin inhibitory diterpenoids from the bark of *Xylopi*a aethiopica.](#)
The inhibitory effects of seven diterpenes, belonging to three different...13th January, 2006
Department of Organic Chemistry, Faculty of Sciences, University of- Biosci Biotechnol Biochem. 2005
Sep;69(9):1763-6.
 - [\[Antiparasitic effect of Senegalese Annonaceae used in traditional medicine\]](#)
Annonaceae is a large family of plants widely used in alimentation and...24th June, 2005
Laboratoire de chimie organique et therapeutique, Faculte de Medecine,- Dakar Med. 2003;48(2):112-6.
 - [Composition and antioxidant activity of the essential oils of *Xylopi*a aethiopica \(Dun\) A. Rich. \(Annonaceae\) leaves, stem bark, root bark, and fresh and dried fruits, growing in Ghana.](#)
The chemical composition of the essential oils obtained from the leaves,...27th January, 2005
Department of Pharmacognosy and Chemistry of Natural Products, School of- J Agric Food Chem. 2004 Dec 29;52(26):8094-8. ([DOI Direct Link](#))

Xylopi

 Patents:


- 7037937- [Cytotoxic compounds](#)
- 6734207- [Cytotoxic compounds](#)
- 6329420- [Tubulin binding compounds \(COBRA\)](#)
- 6258841- [Tubulin binding compounds \(COBRA\)](#)
- 5821450- [Incapacitating composition and a device for its use](#)
- 5717113- [Bioactive acetogenins and derivatives](#)
- 5536848- [Bioactive acetogenins and derivatives](#)

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