

Main Title Here (Arial 18 pt / Bold)

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Abstract (Arial 12 pt / Single)

Enter your abstract here (A concise abstract briefly stating the purpose of the research, major findings, and conclusions, should appear here). The leaves and inflorescences of the ornamental and medicinal aromatic plant *Hyptidendron canum* were collected from four sites in the Brazilian Cerrado and their essential oils were analyzed by GC and GC/MS. Results obtained by Principal Component and Cluster analysis indicated a high chemovariability in the oils from different sites. Sesquiterpene hydrocarbons (42.6-94.6%) was the main group of volatiles, although differences in quantities of the major constituents were observed, mainly β -caryophyllene (6.0-41.6%) and amorpho-4,7(11)-diene (6.1-30.1%), and bicyclogermacrene (3.7-24.8%) with the highest levels in leaves from Bela Vista and inflorescence from the Silvânia site, respectively. On the other hand, sabinene (0-11.7%) and β -copaene-4 α -ol (0-10.3%), and δ -3-carene (0-13.0%) showed the highest percentages in oil inflorescences from the Silvânia and Hidrolândia populations. High amounts of α -humulene (1.4-13.9%) and carotol (0-12.4%) were observed in leaf oils from Silvânia and Hidrolândia, respectively. (Times New Roman 10 pt / single)

INSERT FIGURE OR TABLE HERE (Times New Roman 10 pt / single)

References (Arial 10 pt / Bold)

1. F.L. Batista, J.R. Paula, J.G. Silva, S.C. Santos, P.H. Ferri and H.D. Ferreira, *Essential oils of Hyptidendron canum (Pohl ex Benth.) R. Harley and Hyptis velutina Pohl ex Benth. from Brazilian Cerrado*. J. Essent. Oil Res., **15**, 88–89 (2003). (Arial 9 pt / single)
2. National Institute of Standards and Technology, *PC version of the NIST/EPA/NIH Mass Spectral Database*. U.S. Department of Commerce, Gaithersburg, MD (1998). (Arial 9 pt / single)
3. R.P. Adams, *Identification of Essential Oil Components by Gas Chromatography/Mass Spectrometry*, 4th ed. Allured Publ. Corp., Carol Stream, IL (2007). (Arial 9 pt / single)