Tetrahydroisoquinoline and β-Carboline Alkaloids from *Haloxylon articulatum* (Cav.) Bunge (Chenopodiaceae)

Assem El-Shazly\textsuperscript{b} and Michael Wink\textsuperscript{a,*}

\textsuperscript{a} Institut für Pharmazie und Molekulare Biotechnologie, Im Neuenheimer Feld 364, 69120 Heidelberg, Germany. E-mail: wink@uni-hd.de

\textsuperscript{b} Department of Pharmacognosy, Faculty of Pharmacy, Zagazig University, Zagazig 44519, Egypt

* Author for correspondence and reprint requests

Z. Naturforsch. \textbf{58c}, 477–480 (2003); received March 5/March 25, 2003

Salsolidine and 2-methyl,1,2,3,4-tetrahydro-β-carboline were isolated from *Haloxylon articulatum* (growing in Egypt) besides the known carnegine and N-methylisosalsoline. 2-methyl,1,2,3,4-tetrahydro-β-carboline was recorded for the first time in the genus *Haloxylon*. The alkaloids were identified by spectroscopic methods (MS, 1D and 2D NMR).

Key words: *Haloxylon articulatum*, Chenopodiaceae, Tetrahydroisoquinoline Alkaloids