## Alkaloids in Bulgarian Pancratium maritimum L.

Strahil Berkov<sup>a,\*</sup>, Luba Evstatieva<sup>a</sup>, and Simeon Popov<sup>b</sup>

<sup>a</sup> Institute of Botany, Bulgarian Academy of Sciences, 23 Acad. G. Bonchev Str., 1113 Sofia,

Bulgaria. Fax: +3592719032. E-mail: berkov@iph.bio.bas.bg

b Institute of Organic Chemistry with Centre of Phytochemistry, Bulgarian Academy of Sciences, 9 Acad. G. Bonchev Str., 1113 Sofia, Bulgaria

A GC/MS analysis of alkaloids from leaves, bulbs and roots of *Pancratium maritimum* was

\* Author for correspondence and reprint requests

Z. Naturforsch. **59 c,** 65–69 (2004); received May 22/July 7, 2003

performed. From the identified 16 alkaloids, 5 alkaloids were reported for the first time for this plant. Several compounds with pharmacological activity were found. Haemanthamine was main alkaloid in the leaves and bulbs whereas galanthane was found to be main alkaloid in roots.

Key words: Amaryllidaceae Alkaloids, GC/MS, Pancratium maritimum