CONSTITUENTS OF *DESMODIUM LAXIFLORUM*

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Key words: Desmodium laxiflorum; steroids; triterpenoids; aliphatics.

Plant. *Desmodium laxiflorum* DC.,¹ aerial parts (3.8 kg), collected from adjoining area of Lucknow. A voucher specimen is deposited in the Herbarium of our Botany Department.

Uses in traditional medicine. Unconsciousness, antiinflammatory.²

Previously isolated constituents. None.

New-isolated constituents. Heptacosane (10 mg), nonacosane (151 mg), tricosanol (118 mg), heptacosanol (28 mg), lupeol (41 mg), stigmasterol and β-sitosterol (18 mg), triacontanoic acid (100 mg) and 2-triacontenoic acid (78 mg).

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FLAVONOID GLYCOSIDES FROM THE LEAVES OF *ROSA CANINA*

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Key words: Rosa canina; flavonoid glycosides.

Plant material. Leaves of *Rosa canina* L. (Rosaceae) were collected at Cluj-Napoca in the region of Manastur (Romania), in July 1992.

Uses in traditional medicine. The plant is called “Maces” in Romania. The leaves are used against asthenia¹² and as a healing agent² in human health. In veterinary medicine, the leaves are well-known to increase milk production and reduce abortion risks.²

Previously isolated constituents. None from the leaves.
New-isolated constituents. Quercetin 3-O-glucoside (isoquercitrin, 0.002%), quercetin 3-O-galactoside (hyperoside, 0.003) and quercetin 3-O-rhamnoside (quercitrin, 0.005).


CONSTITUENTS OF VERONICA HEDERIFOLIA AND VERONICA POLITA

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Key words: Veronica hederifolia; Veronica polita; iridoid glucosides; verbascoside.

Plants. Veronica hederifolia L. and V. polita Fries (Scrophulariaceae), aerial parts (120 g and 130 g, dry weight, respectively) were collected near Belgrade (Yugoslavia) in April 1993. Voucher specimens are deposited at Herbarium Romanum in "Dipartimento di Biologia Vegetale - Università 'La Sapienza' - Roma", Italy.

Uses in traditional medicine. Decoction of aerial parts of V. hederifolia is used against cough and respiratory deseases;¹ infusion of leaves is a good substitute of tea.² Plants of the subsection agrestis, whom V. polita belongs, are used as antiscorbutic and expectorant.²

Previously isolated constituents. Only flavonoid isolation is reported in literature,³ nevertheless chromatographic and colorimetric studies have indicated the occurrence of aucubin,⁴ catalpol and esters of catalpol in V. hederifolia and of aucubin and catalpol in V. polita.⁵

New-isolated constituents. From V. hederifolia: aucubin (52 mg), catalpol (36 mg), amphicoside⁶ (110 mg) and verbroside⁷ (90 mg). From V. polita: aucubin (35 mg), catalposide (78 mg), verbroside (120 mg) and verbascoside⁸ (26 mg).