

FLAVONOIDS OF GALIUM ULIGINOSUM

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In the herb Galium uliginosum L. (marsh bedstraw) collected in the full flowering stage (June 1967) from a flood plain (Khar'kov region) we have found no less than seven substances of flavonoid nature by paper chromatography.

By chromatography on columns of Kapron using as eluants water, 40% ethanol, and isopropanol, we have isolated two flavonoids in the individual state, with mp 187-188° C (from water) and 219-221° C (30% ethanol).

From the results of UV spectroscopy with ionizing and complex-forming additives, the products of acid and enzymatic hydrolysis, the IR spectrum, and a mixed melting point, the first flavonoid has been identified as rutin and the second as kaempferol 3-O- $\beta$ -rutinoside.

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