E. P. Taku, A. I. Tikhonov,

UDC 547.972 and V. I. Litvinenko

We have studied the flavonoid composition of the European white water lily collected in the flowering period (Island of Khortitsa, Zaporozh'e).

By paper chromatography and qualitative reactions [1], we detected 25 substances of flavonoid nature in the leaves of this plant.

From an alcoholic extract of the leaves, after treatment with chloroform and then with ethyl acetate, we isolated the total flavonoids ( $6.8 \%$ ), qualitatively identical with the initial raw material.

The total flavonoids were separated by fractional recrystallization from ethanol with subsequent purification on a column of polyamide sorbent. Elution was carried out with aqueous ethanol of various concentrations. One substance was isolated.

The results of a study of the products of acid hydrolysis, oxidative degradation, enzymatic hydrolysis according to Kiliani [3], and spectral studies in the UV and IR regions [2, 4] showed that this flavonoid is luteolin 8-C- $\beta-\mathrm{D}-\mathrm{glucopyranoside}$.

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Zaporozh'e Medical Institute. Translated from Khimiya Prirodnykh Soedinenii, No. 5, pp. 629-630, September-October, 1970. Original article submitted June 29, 1970.

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