

PHENOLIC COMPOUNDS OF *Rhododendron dahuricum*

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We have previously reported an investigation of the phenolic compounds of *Rhododendron luteum* Sweet [1, 2]. The present paper gives the results of a study of the phenolic compounds of the leaves of *Rh. dahuricum* L. (plant collected in the environs of the town of Khabarovsk).

The phenolic compounds were isolated from the raw material and separated as described previously [2]. Two hydroxycoumarins were isolated: umbelliferone, $C_9H_6O_3$, mp 232-233°C, and scopoletin, $C_{10}H_8O_4$, mp 203-204°C, and also three flavonoid substances, which were identified as quercetin ($C_{15}H_{10}O_7$, mp 307-313°C), avicularin ($C_{20}H_{18}O_{11}$, mp 209-211°C, $[\alpha]_D^{20} - 159^\circ$, in ethanol), and hyperoside ($C_{21}H_{20}O_{12}$, mp 238-240°C, $[\alpha]_D^{20} - 58^\circ$, in ethanol with 2% of pyridine).

The substances were identified by their UV and IR spectra, the products of acid hydrolysis, parallel chromatography in various systems with authentic samples, and mixed melting points.

LITERATURE CITED

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2. N. F. Komissarenko and I. G. Levashova, *Khim. Prirodn. Soedin.*, 321 (1969).

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