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Continuing a comprehensive study of Chenopodium botrys L. (Jerusalem oak goosefoot), family Chenopodiaceae, growing in the valley of the river Issyk, Alma-Ata oblast [1, 2], we have studied the flavonoid compounds from its epigeal part. The combined flavonoids were obtained by extraction with methanol, followed by purification. By chromatography on a polyamide sorbent with fractional crystallization and preparative chromatography on paper we isolated three flavonoid substances. To determine the nature of these compounds we studied the physicochemical properties of the initial substances and of the products of their hydrolysis.

The results of a bathochromic investigation [3] showed that the glucose residue is present in position 3, and the results of enzymatic hydrolysis and the molecular optical activity (calculated value) [M] $_{\rm D} \cdot {\rm Kp}$ , calculated according to Klyne [4], showed that it has the pyranose form and is attached to the aglycone by a  $\beta$ -glycosidic bond.

The flavonoids from Chenopodium botrys L. have not been investigated previously.

This is the first time that chrysoeriol has been found in the genus Chenopodium.

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