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The epigeal part of *Berteroa incana* D.C. (hoary false alyssum) collected in July-August, 1971 in the environs of Zaporozhe was exhaustively extracted with methanol. The purified residue after the distillation of the extractant was chromatographed on polyamide. Three aglycones of flavonoid nature were isolated which were provisionally designated (I), (II), and (III).

Substance (I) formed lemon-yellow crystals, $C_{16}H_{12}O_6$, mp 219-221°C, R_f 0.70 in the benzene-ethyl acetate-acetic acid (70:30:2)/25% formamide system (system 1), 0.57 in 60% acetic acid (system 2), and 0.27 in cyclohexane-benzene (7:3) (system 3); UV spectrum: λ_{max} 350, 265 nm (ethanol).

Substance (II) formed light-yellow crystals, $C_{15}H_{10}O_6$, mp 274-275°C, R_f 0.52 (system 1), 0.44 (system 2); UV spectrum: λ_{max} 370, 265 nm (ethanol).

Substance (III) formed yellow crystals, $C_{15}H_{10}O_7$, mp 309-310°C; R_f 0.17 (system 1), 0.32 (system 2); UV spectrum: λ_{max} 375, 256 nm (ethanol).

From the products of alkaline degradation, chromatographic behavior, and UV and IR spectroscopy [1-3], substance (I) was identified as 3,4',5-trihydroxy-7-methoxyflavone (rhamnocitrin), substance (II) as 3,4',5,7-tetrahydroxyflavone (kaempferol), and substance (III) as 3,3',4',5,7-pentahydroxyflavone (quercetin).

This is the first time that substance (I) has been isolated from the family Cruciferae.

LITERATURE CITED

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