

Phenological variations of some phenolic components in the aerial part and root part of *Geranium pratense L.*

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Abstract

The aerial part and the root part of *Geranium pratense L.* were harvested in different phenological stages (flower bud emergence, flowering, fruit development, fruit maturity) and analyzed by HPLC method. We have identified and measured in the dried aerial part of *G.pratense* the following compounds: gallic acid, ellagic acid, protocatechuic acid, hyperoside, isoquercitrin, rutin. The remaining phenolic acids were identified in the aerial part of *G.pratense* for the first time. Gallic acid and ellagic acid were identified and measured in the root part of *G.pratense*.