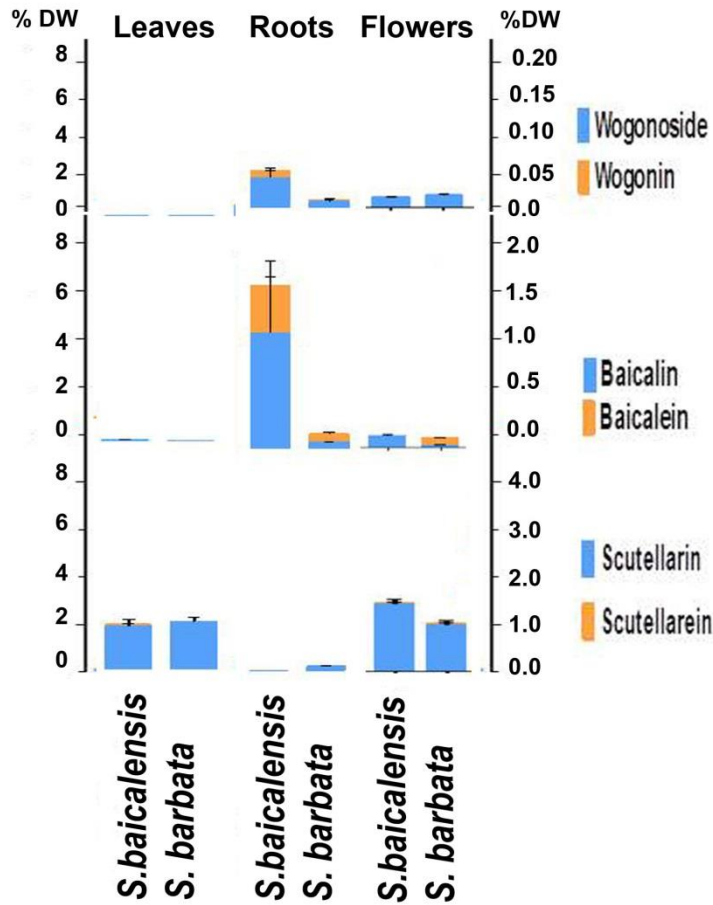


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Supplementary Figures

Supplementary Figure 1.



Supplementary Figure S1 Content of flavones in leaves, roots and flowers of *Scutellaria baicalensis* and *S. barbata*.

The scale on the left refers to levels (% dry weight) in leaves and roots and the scale on the right shows the levels (% dry weight) in flowers. The relative contents of the 4'-deoxyflavones, wogonin and baicalein are shown in orange and their glycosides in blue in each tissue sample. The relative content of the major 4'-hydroxyflavone, scutellarein is shown in orange and its glycoside (scutellarin) is shown in blue. Both *S. baicalensis* and *S. barbata* produce very low levels of the bioactive 4'-deoxyflavones and their glycosides in leaves but accumulate significant amounts of these specialized flavones in their roots and flowers. Scutellarein and scutellarin accumulate predominantly in aerial tissues of both species.