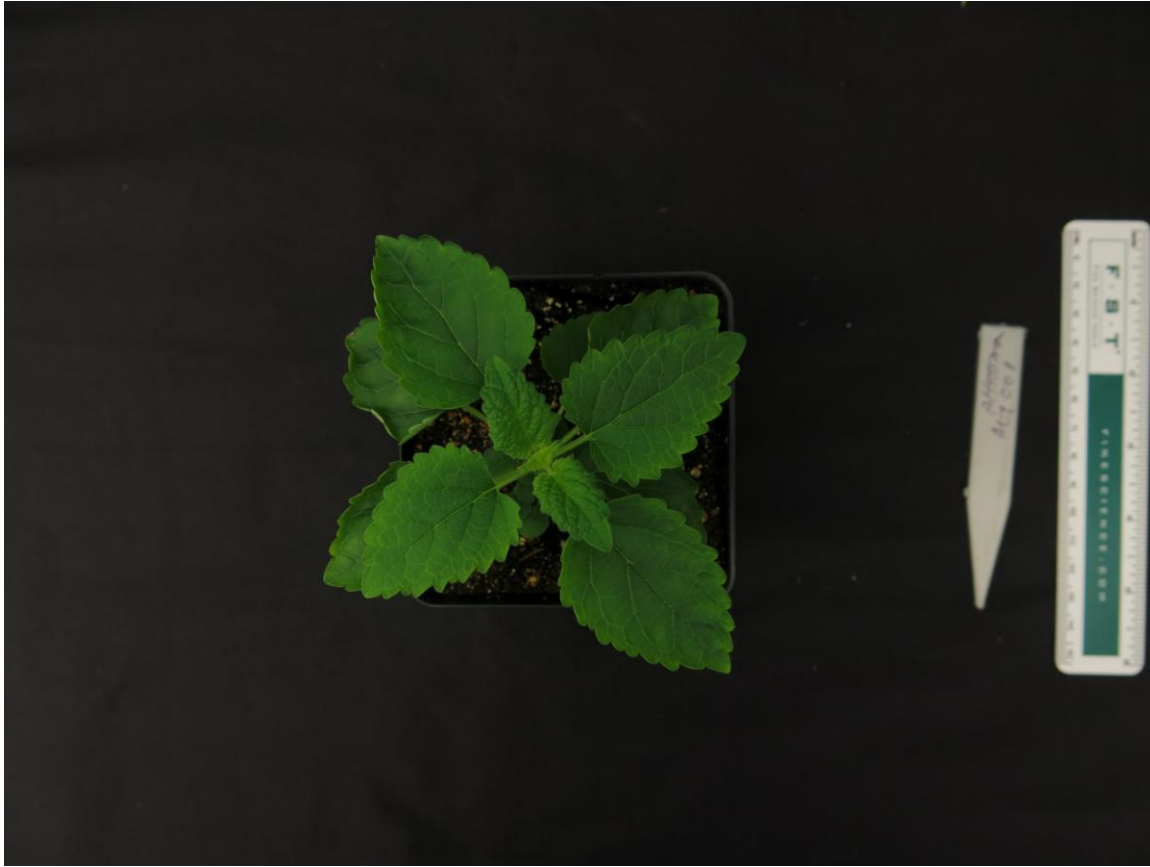


Scutellaria altissima (40 days)



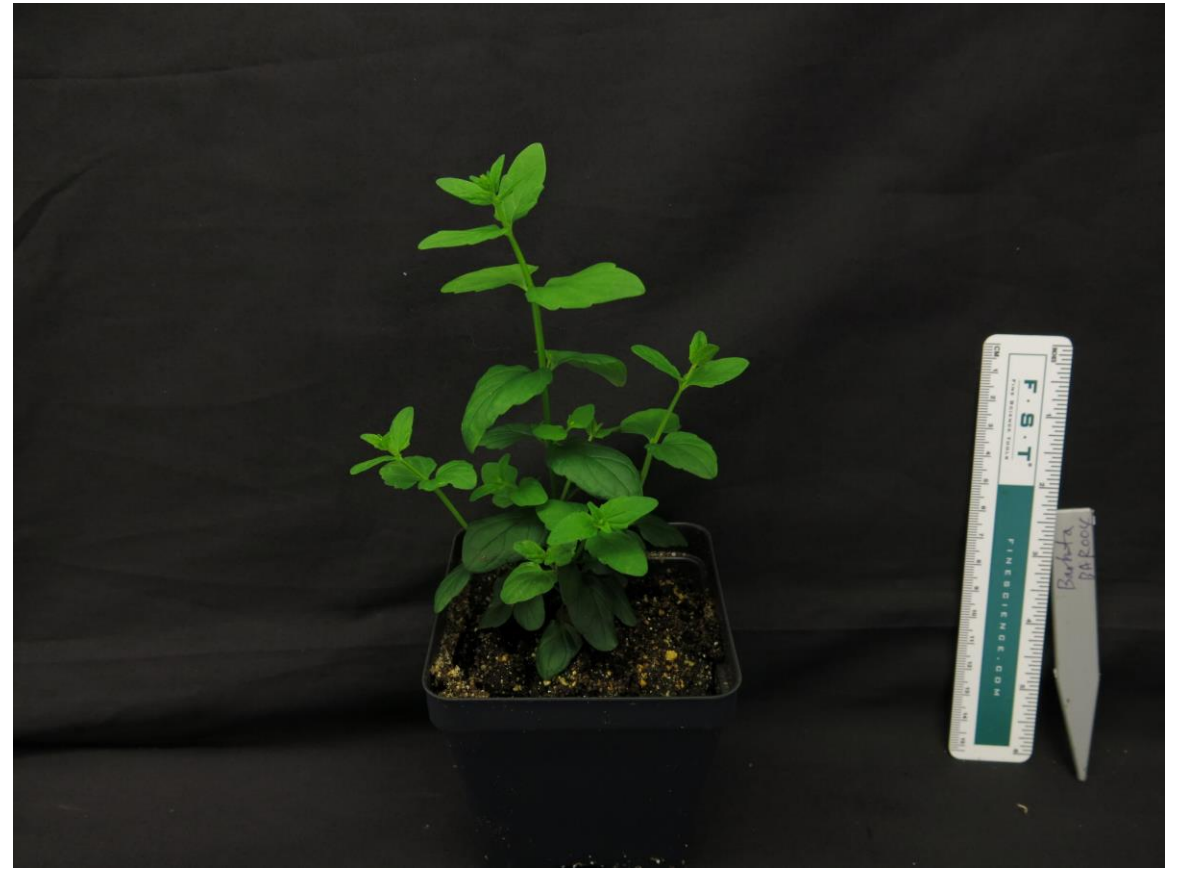
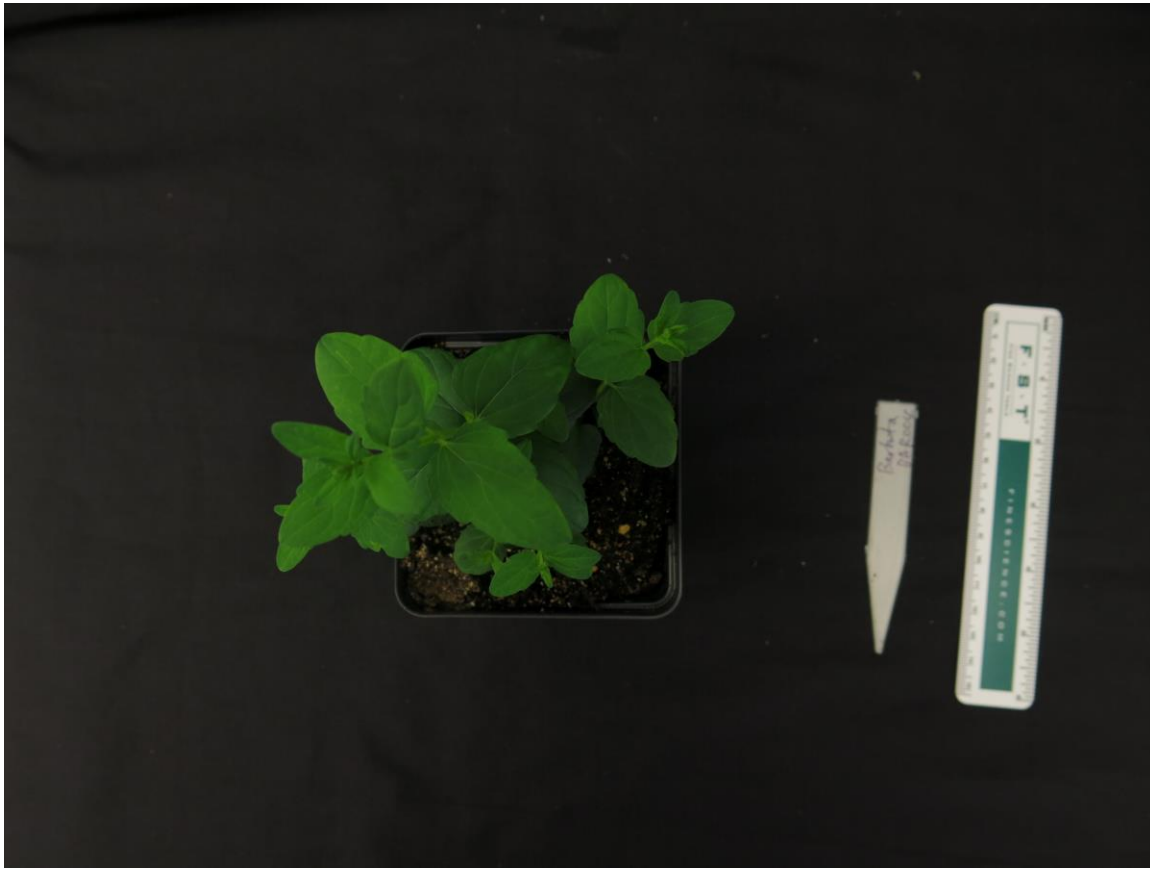
Scutellaria arenicola (40 days)



Scutellaria baicalensis (40 days)



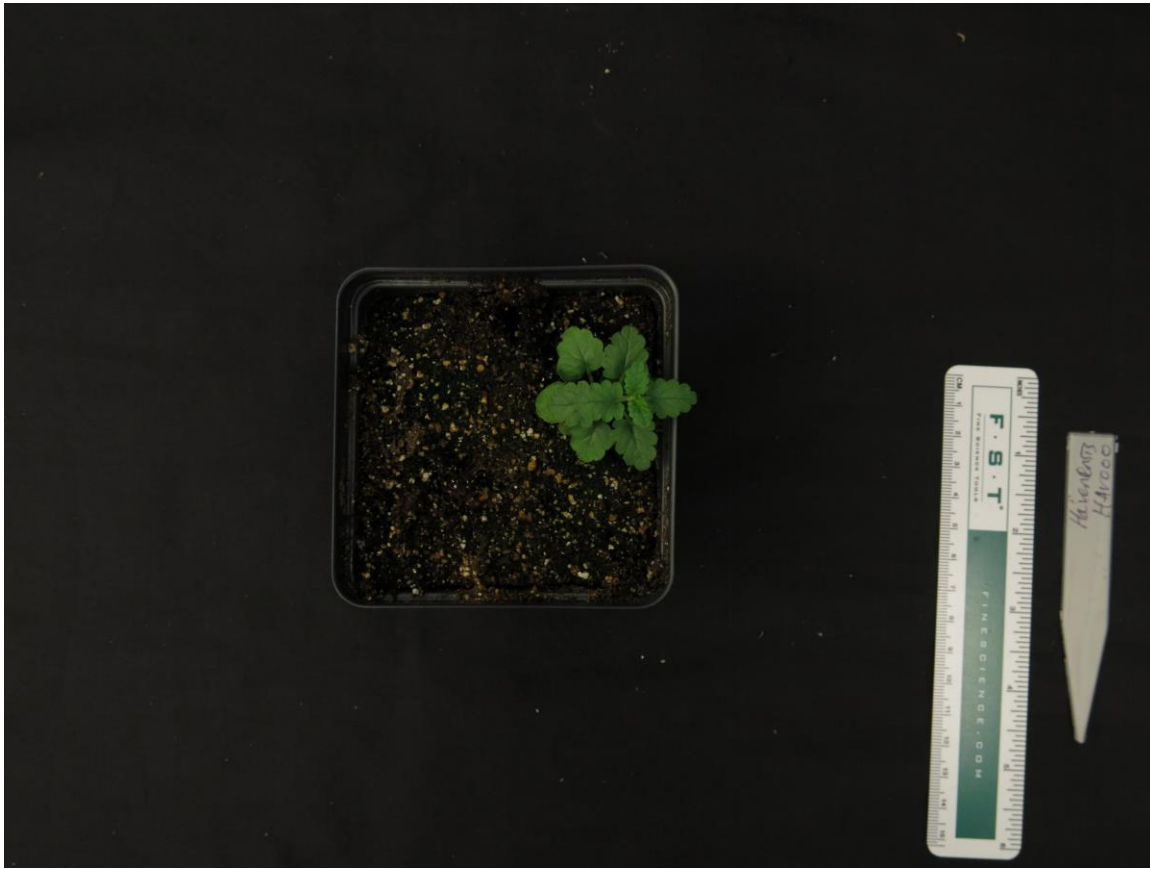
Scutellaria barbata (40 days)



Scutellaria hastifolia (40 days)



Scutellaria havanensis (40 days)



Scutellaria racemosa (40 days)



Scutellaria tournefortii (40 days)



S. baicalensis, *S. barbata*, and *S. racemosa* (60 days)



S. baicalensis

S. barbata

S. racemosa

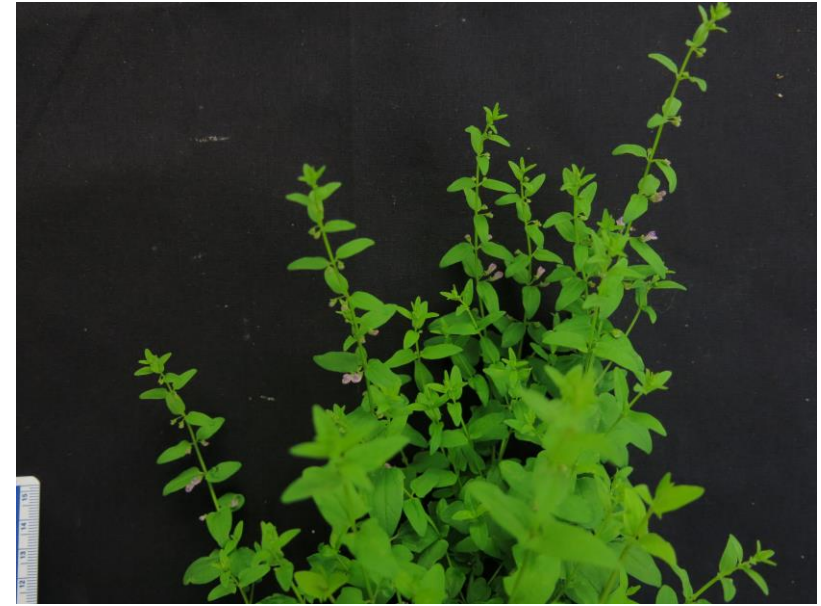
S. baicalensis, *S. barbata*, and *S. racemosa* (60 days)



S. baicalensis



S. barbata



S. racemosa

S. altissima, *S. tournefortii*, *S. arenicola*, *S. havanensis*,
and *S. hastifolia* (60 days)



S. altissima

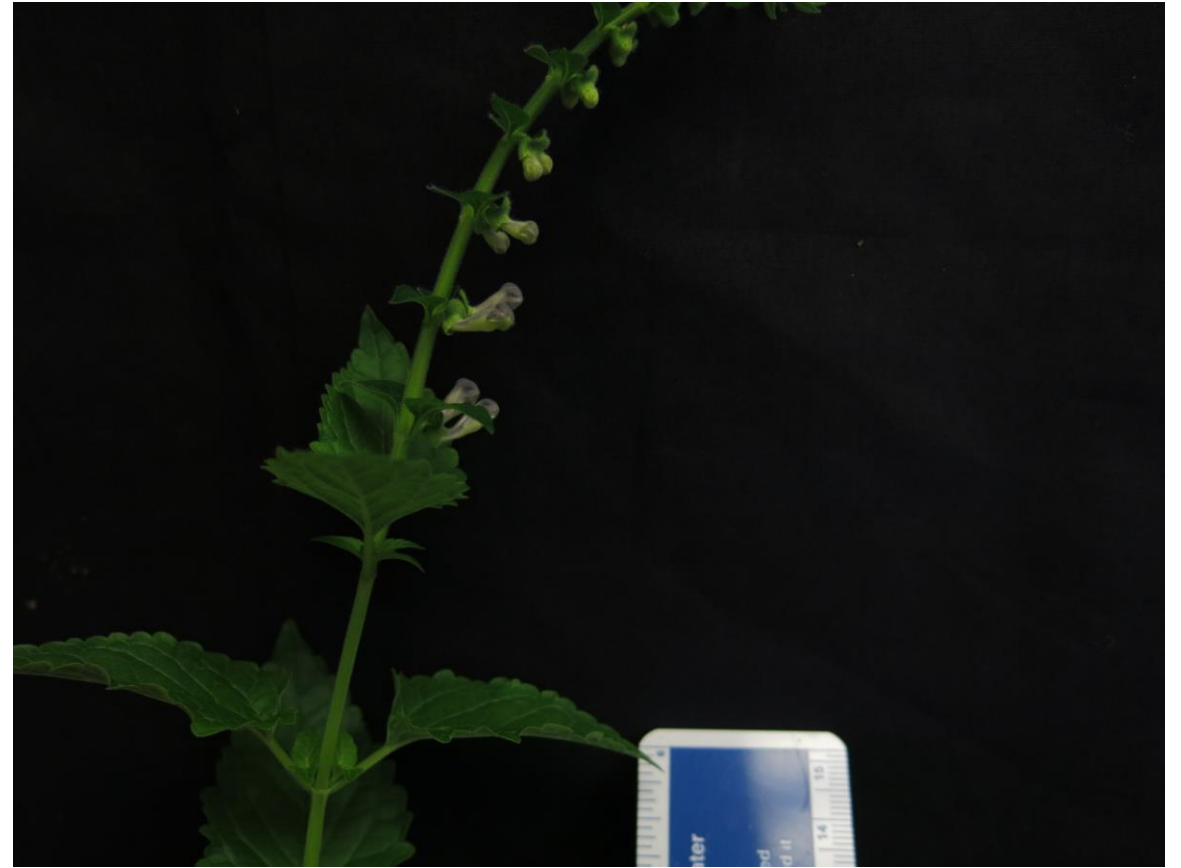
S. arenicola

S. hastifolia

S. tournefortii

S. havanensis

Scutellaria altissima (75 days)



S. hastifolia and *S. tournefortii* (75 days)



S. hastifolia *S. tournefortii*

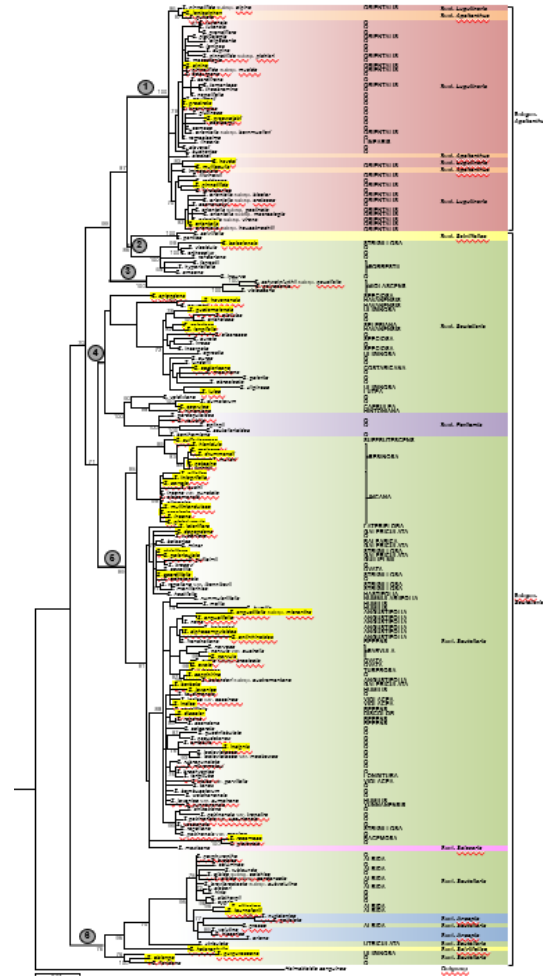


S. hastifolia

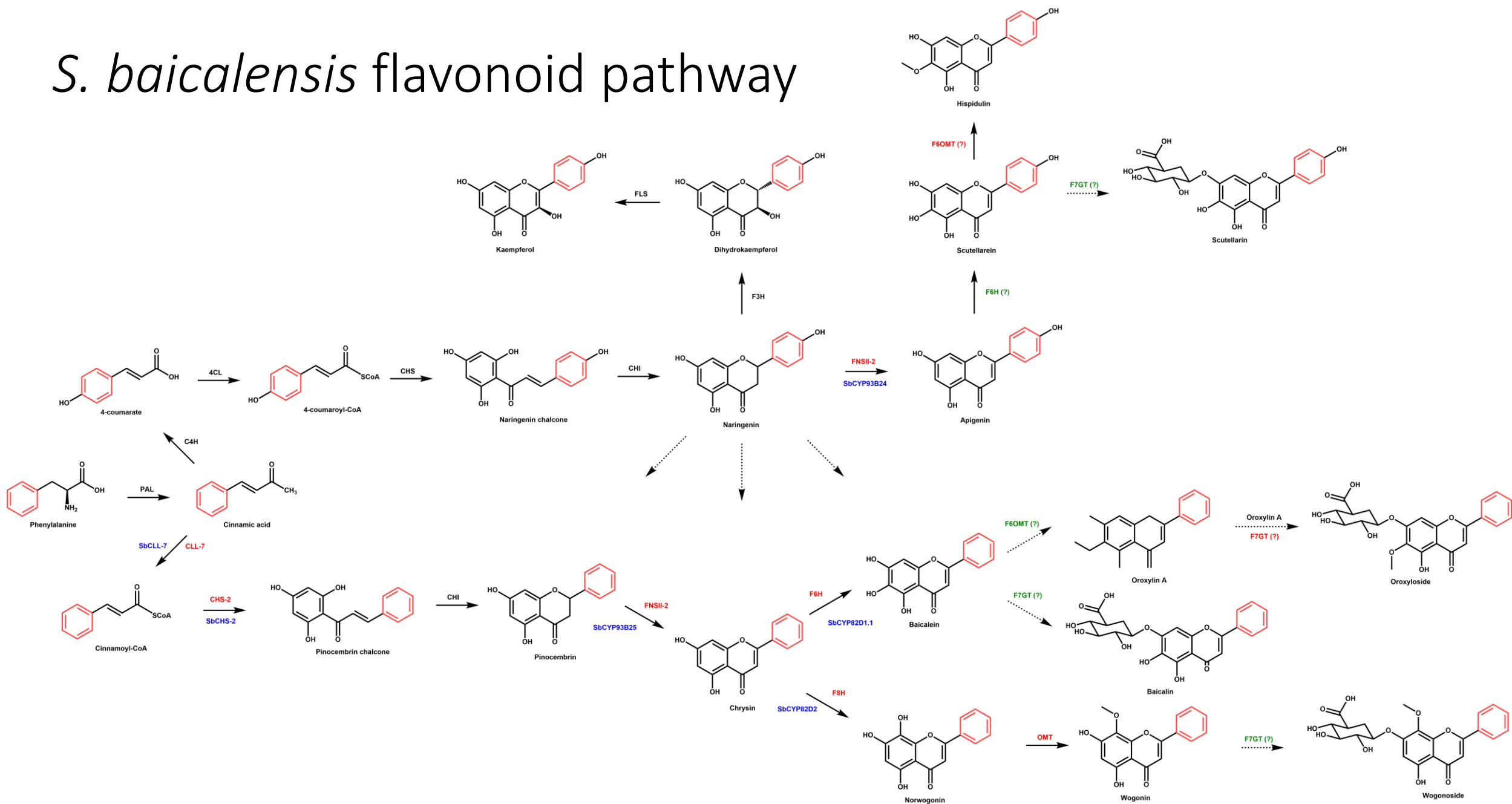
S. tournefortii

No.	Taxa	Standard Plant	1C (Mean)	SD	Genome Size (Gbp)
1	<i>S. altissima</i>	<i>Solanum</i>	0.40	0.02	0.39
2	<i>S. leonardii</i>	<i>Glycine</i>	0.51	0.02	0.50
3	<i>S. hastifolia</i>	<i>Solanum</i>	0.39	0.04	0.39
4	<i>S. havanensis</i>	<i>Solanum</i>	0.38	0.03	0.37
5	<i>S. arenicola</i>	<i>Glycine</i>	0.87	0.02	0.85
6	<i>S. tournefortii</i>	<i>Solanum</i>	0.40	0.01	0.39
7-1	<i>S. racemosa</i>	<i>Solanum</i>	0.44	0.03	0.44
8	<i>S. baicalensis</i>	<i>Solanum</i>	0.55	0.00	0.54

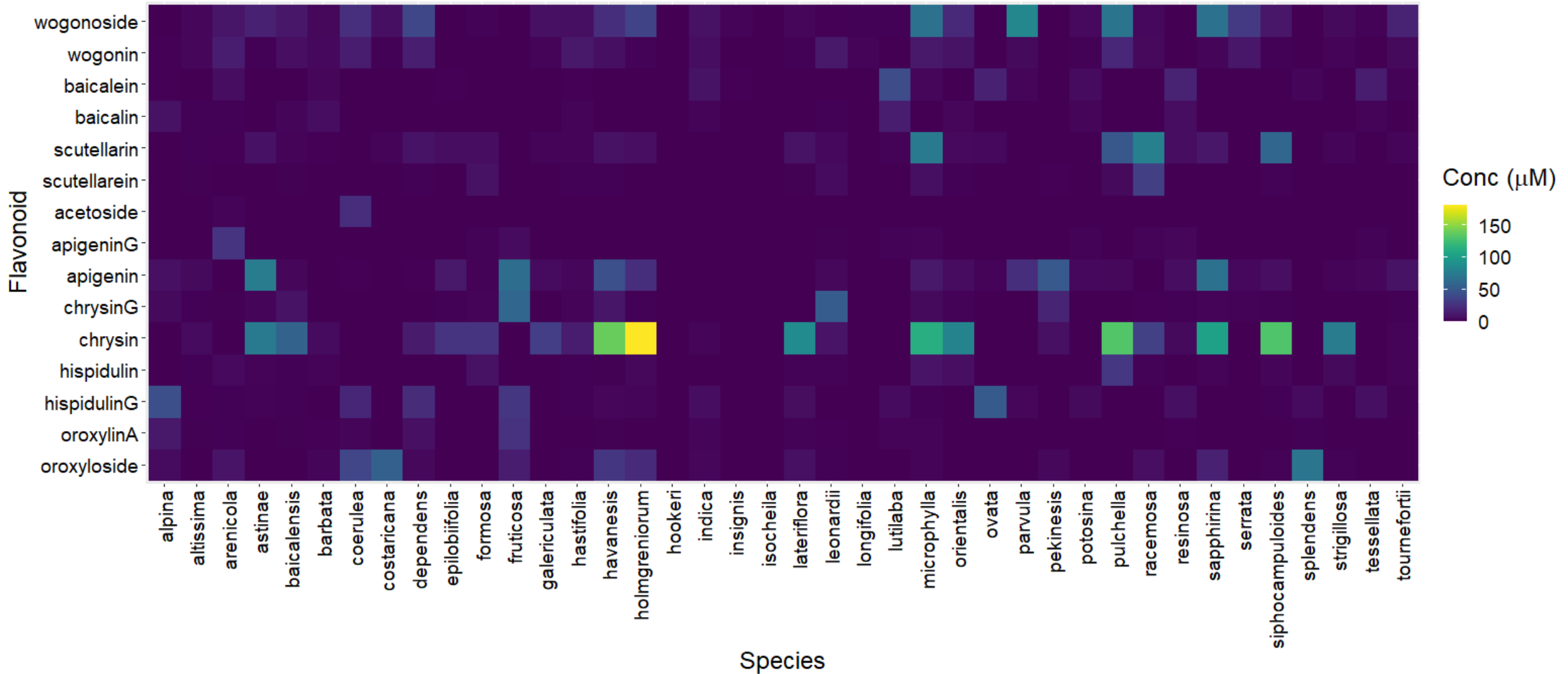
Phylogenetic tree – see other ppt file for full size

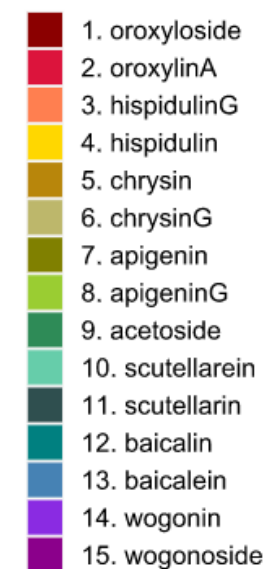


S. baicalensis flavonoid pathway



Non organ-specific flavonoid concentrations for various species of Scutellaria



[illegible]

Flavonoid concentrations in Scutellaria roots

