

Chemodiversity of Exudate Flavonoids in Seven Tribes of Cichorioideae and Asteroideae (Asteraceae)[§]

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Members of several genera of Asteraceae, belonging to the tribes *Mutisieae*, *Cardueae*, *Lactuceae* (all subfamily Cichorioideae), and of *Astereae*, *Senecioneae*, *Helenieae* and *Heliantheae* (all subfamily Asteroideae) have been analyzed for chemodiversity of their exudate flavonoid profiles. The majority of structures found were flavones and flavonols, sometimes with 6- and/or 8-substitution, and with a varying degree of oxidation and methylation. Flavonones were observed in exudates of some genera, and, in some cases, also flavonol- and flavone glycosides were detected. This was mostly the case when exudates were poor both in yield and chemical complexity. Structurally diverse profiles are found particularly within *Astereae* and *Heliantheae*. The tribes in the subfamily Cichorioideae exhibited less complex flavonoid profiles. Current results are compared to literature data, and botanical information is included on the studied taxa.

Key words: Asteraceae, Exudates, Flavonoids