

# Iridoid Patterns of Genus *Plantago* L. and Their Systematic Significance

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The distribution of 14 iridoid glucosides in 14 *Plantago* L. species (44 samples corresponding to 18 taxa) was shown. *P. tenuiflora* and *P. gentianoides* were studied for iridoids for the first time. The iridoid patterns showed a good correlation with morphological and other chemical features of the representatives of genus *Plantago*. The studied species are grouped together according to the iridoid patterns: species containing mainly aucubin (*P. major*, *P. cornuti*, *P. gentianoides*); species containing aucubin and aucubin derivatives (*P. subulata*, *P. media*); species containing aucubin and catalpol (*P. lanceolata*, *P. altissima*, *P. argentea*, *P. lagopus*, *P. atrata*); species containing aucubin and plantarenaloside (*P. afra*, *P. scabra*).