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FLAVONOIDS OF EIGHT BIGNONIACEOUS PLANTS

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In continuation of our earlier work on the flavonoids of *Millingtonia hortensis*,¹ *Dolichandrone falcata*,² *Oroxylum indicum*³ and *Pajanelia longifolia*,³ we have examined the leaves of some more plants of the Bignoniaceae, adopting standard methods.^{4,5} Our results are given in Table 1.

TABLE 1. FLAVONOIDS OF THE LEAVES OF SOME BIGNONIACEOUS PLANTS

Sample No.	Plant	Flavonoids
1	<i>Bignonia gracilis</i>	* Quercetin-3-rutinoside
2	<i>B. megapotamica</i> Spreng.	Quercetin-3-rutinoside Quercetin-3-galactoside
3	<i>Spathodea campanulata</i> Beauv.	* Quercetin
4	<i>Tabebuia</i> sp.	* Quercetin-3-diglucoside
5	<i>Jacaranda mimosaeifolia</i> D. Don.	Scutellarein-7-glucuronide
6	<i>Dolichandrone platycalyx</i> Baker	Chrysin-7-rutinoside
7	<i>Stereospermum chelonoides</i> DC. (= <i>Bignonia chelonoides</i> L.)	* Dinatin-7-glucuronide * Diosmetin-7-glucuronide
8	<i>S. xylocarpum</i> Wight. (= <i>B. xylocarpa</i> Roxb.)	* Dinatin and its glycoside

* Indicates isolation.

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¹ S. SANKARA SUBRAMANIAN, S. NAGARAJAN and N. SULOCHANA, *Current Sci.* **40**, 194 (1971).

² *Idem.* *Phytochem.* **11**, 438 (1972).

³ S. SANKARA SUBRAMANIAN and A. G. R. NAIR, *Phytochem.* **11**, 439 (1972).

⁴ J. B. HARBORNE, *Comparative Biochemistry of Flavonoid Compounds*, Academic Press, London (1967).

⁵ T. J. MABRY, K. R. MARKHAM and M. B. THOMAS, *Systematic Identification of Flavonoids*, Springer-Verlag, New York (1970).

Key Word Index—*Bignonia* and other spp.; Bignoniaceae; quercetin glycosides; scutellarein and other flavone glycosides.