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Pollen Flora of Pakistan - X. Leguminosae (Subfamily: Caesalpinioideae)

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Abstract: The pollen morphology of 11 species representing 5 genera of the subfamily Caesalpinioideae from Pakistan was examined by light and scanning electron microscope. Caesalpinioideae is ± a eurypalynous subfamily. The pollen grains are generally radially symmetrical, isopolar, tricolporate and triangular-trilobed. The tectum is commonly reticulate-rugulate or fossulate-foveolate, and often striate. The pollen morphology of the subfamily is significantly useful at the generic and specific levels. On the basis of apocolpium, mesocolpium and tectum features, three pollen types were recognized, namely, *Bauhinia variegata* - type, *Caesalpinia pulcherrima* - type and *Senna holosericea* - type.

Key Words: Pollen morphology, Leguminosae: Caesalpinioideae, Flora, Pakistan.

Turk. J. Bot., **22**, (1998), 145-150.

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