



## Geological Survey Professional Paper Volume 643 (Paperback)

By Geological Survey

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. Excerpt: .in the Illiciaceae. Illicium, is a member of the most primitive order of angiosperms, the Ranales (Stebbins,1950, p.471). The principal feature shared by modern pollen of some species of Illicium and the fossil pollen described below is the tendency to split into thirds along the syncolpate suture lines. I know of no other genus of modern plants in which this occurs. The modern genus Illicium includes species with two different types of pollen, the syncolpate type with colpi bordered by ridges or thickenings (margos) and the tricolpate type, morphologically almost identical with the syncolpate type, in which the colpi do not quite reach the poles. The pollen grains of Schizandra and Kadsura, also belonging to the Ranales, though not syncolpate, are somewhat similar morphologically to the pollen of Illicium, but Illicium is unique in the possession of syncolpate pollen grains that split into thirds. Two new genera...



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