

# TEN NEW ENDEMIC GENERA OF ARACEAE ON BORNEO



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Phylogenetic relationships within Araceae tribe Schismatoglottideae are elucidated based on nuclear ITS and plastid *matK*. Thirty genera are recognised, composed of 13 pre-existing genera (*Apoballis*, *Aridarum*, *Bakoa*, *Bucephalandra*, *Fenestratarum*, *Galantharum*, *Ooia*, *Phymatarum*, *Pichinia*, *Piptospatha*, *Schismatoglottis*, *Schottariella* and *Schottarum*), five resurrected genera (*Colobogynium*, *Gamogyne*, *Heteroaridarum*, *Hottarum* and *Rhynchopyle*) and 11 new genera: *Bakoaella*, *Bidayuha*, *Burttianthus*, *Gosong*, *Hera*, *Kiewia*, *Nabalu*, *Pursegloveia*, *Naiadia*, *Tawaia* and *Toga*. Except for *Kiewia*, all newly described genera are endemic to Borneo. *Schismatoglottis* remains imperfectly delineated despite resolution of a well-supported corpus defined by hapaxanthic stems and containing the nomenclature type. The research continues to show that Borneo supports extraordinarily rich and diverse aroid flora.

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Typical habitat at Kubah National Park



Close up image of *Aridarum* on shale cascade