

mouth of their respective spathe. *Fruiting perianth* explanate. *Spathellule* of the ♀ flower never pedicelliform. *Albumen* equable. *Embryo* basilar.

- 23 CALAMUS PACHYSTEMONUS Thw. . . . . Ceylon.  
 24. CALAMUS DIGITATUS Becc.—*C. pachystemonus* (partly) Thw.  
 —Ceylon.  
 25. CALAMUS RADIATUS Thw. . . . . Ceylon.

GROUP V.—*Leaves* not produced into a cirrus. *Leaf-sheaths* flagelliferous. *Primary* and *secondary spathes* very elongate-tubular, strictly sheathing and entire at the mouth. *Spikelets* inserted at the mouth of their respective spathe. *Seed* not ruminant, dorsally alveolate. *Embryo* basilar.

A.—*Leaves with few leaflets usually broad, lanceolate or elliptic, more rarely elongate-lanceolate, the two terminals confluent or connate in the lower portion.* Secondary spathes, spathels and spathellules not or scarcely scabrous.

⊙ *Spathellule* of the ♀ flower not pedicelliform. *Fruiting perianth* hardly callous at the base, not or slightly pedicelliform.

26. CALAMUS JAVENSIS Bl. (type) . . . . . Java; Sumatra.  
 C. JAVENSIS v. PENINSULARIS Becc. . . . . Malayan Peninsula.  
     Subvar. PURPURASCENS Becc. . . . . Penang.  
     Subvar. PINANGIANUS Becc. . . . . Penang.  
 C. JAVENSIS v. POLYPHYLLUS Becc. . . . . Malayan Peninsula.  
 C. JAVENSIS v. INTERMEDIUS Becc. . . . . Malayan Peninsula.  
 C. JAVENSIS v. TENUISSIMUS Becc. . . . . Malayan Peninsula.  
 C. JAVENSIS v. TETRASTICHUS Bl.—*C. tetrastichus* Bl.—  
     *C. borneensis* Miq.—*C. amplexens* Bl. . . . . Borneo.  
 27. CALAMUS FILIFORMIS Becc. . . . . Borneo.

28. *Calamus corrugatus* Becc. sp. n.—*Gracilis, caudice valde elongato tenuissimo; frondes breves, 30-35 cent. longae, vagina inermis sed transverse crebreque costulis prominulis notata, petiolo brevi, segmentis paucis remote oppositis lanceolato-ellipticis costulis utrinque nudis percursis, majoribus 12-13 cent. longis, 25 cent. atis, apicalibus usque ad medium connatis.*—*C. javensi* proximus.

Borneo; Sarawak (Beccari P. B. No. 1910).

29. CALAMUS SCHISTOACANTHUS Bl. . . . . Sumatra.  
 30. CALAMUS DIOICUS Lour. (Pierre No. 4834). . . . . Cochinchina.  
 31. CALAMUS PAPUANUS Becc. . . . . New Guinea.  
 32. CALAMUS FLABELLATUS Becc. . . . . Borneo.