

33. *Calamus spinilifolius* Becc. sp. n.—Gracilis; frondium segmenta inaequidistantia, 2 apicalia basi breviter connata lateralia saepe geminata, omnia convexa, oblonga vel oblanceolata, 10-12 cent. longa, 2.5-3.5 cent. lata, basi attenuata, apici abrupte acuminata, glabra, utrinque viridia subconcolora, costulis 5 subtus nudis, supra spinulis acicularibus remotis rigidis erectis, 4-8 mill. longis, conspicue armata.

Philippines (Vidal No. 3954).

34. *CALAMUS FILIPENDULUS* Becc. Malayan Peninsula.

35. *Calamus gonospermus* Becc. sp. n.—Scandens; caudices digiti crassitiae, vaginis flagelliferis, spinis rectis breviusculis armatis; frondes breves (circ. 50 cent. long.) petiolo breviusculo redunco-aculeato, segmentis perpauca (6) duobus apicalibus alte connatis, oblongo-lanceolatis vel oblanceolatis, concaviusculis 20-22 cent. longis, 45-55 latis; basi attenuatis, apici abrupte in caudiculum linearem ciliato-spinulosum 2 cent. longum attenuatis, utrinque viridibus, costulis 5 utrinque nudis percursis, marginibus quoque nec ciliatis nec spinulosis; spadicis ♀ spathae primariae arcte tubulosae, aculeatae, ore truncato integro; spicae paucae abbreviatae scorioideae, floribus unilateralibus congestis; fructibus majusculis late ovato-ventricosis, basi attenuatis apice conico acuto, squamis convexis latis, basi stramineis margine et apice atro-castaneo apicalibus nigrescentibus; seminibus irregulariter globosis et acute angulosis; albumine aequabili.

Borneo; Sarawak (Beccari P. B. No. 23).

36. *CALAMUS MUELLERII* H. Wendl. Australia.

37. *CALAMUS CARYOTOIDES* H. Wendl. Australia.

© © *Spathellule* shortly pedicelliform. Fruiting calyx pedicelliform.

38. *CALAMUS CUTHBERTSONII* Becc. New Guinea.

B.—Leaves usually with few inequidistant elongate leaflets, the two terminals shortly connate at the base. Fruiting calyx spreading, not callous at the base or pedicelliform. Secondary spathes, spathels and spathellules conspicuously scabrid.

39. *Calamus ruvidus* Becc. sp. n.—Scandens; vaginae spinis validis brevibus (majoribus 4.5 mill. long.) ad basin inflatis subtus concavis armatae adjectis costulis transversalibus prope apicem crebrioribus. Frondium (circ. 50 cent. long.) petiolus breviusculus subtus aculeis reduncis armatus; segmenta perpauca (3 in utroque latere) irregulariter alterna, 2 apicalia breviter basi connata, lanceolato-elliptica abrupte apiculata 24-25 cent. longa, 4-5 cent. lata