

100. *Calamus hispidulus* Becc. sp. n.—Gracilis, vaginis circ. 18 mill. diam., novellis dense setoso-pilosis, demum tuberculato-scabridis; frondium petiolus brevis scabridus; segmenta non numerosa (in utroque latere 11-13) aequidistantia angustissime lanceolata, basi attenuata, apici acuminata, majora 10-20 cent. longa, 10-15 mill. lata, supra in costa media et secus nervos 6-8 (subtus 26-28) minutissime spinuloso-hispidula; spadiceis spathae minutae papilloso-scabridulae; fructus elongato-elliptici, utrinque acuti.—*C. exili* affinis, differt segmentis paucioribus et vaginis novellis pilis fulvescentibus dense indutis.

Borneo; Sarawak (Beccari P. B. No. 2821).

GROUP XI.—*Leaf-sheaths* flagelliferous. *Leaflets* broad, many-nerved, two terminals completely free, often with a very short or rudimentary cirrus interposed. *Spathes* tubular, strictly sheathing. *Spathellule* not pedicelliform. *Fruiting perianth* subpedicelliform. *Seed* (where known) with albumen superficially ruminant and basilar embryo.

101. CALAMUS RHOMBOIDEUS Bl. Java.

102. CALAMUS SPECTABILIS Bl. Sumatra.

103. *Calamus Bousigonii* Pierre MS. (nomen).—Scandens, gracilis, caudicibus vaginatis 10-12 mill. diam., vaginis spinis parvis rectis sparsis basi tuberculoso-dilatatis armatis; frondes breviusculae (75-85 cent. longae) paripinnatae, segmentis paucis irregulariter alternis 10-20 cent. longis, 3-8 cent. latis, apicalibus omnino liberis ovatis vel obovatis vel subrhomboideo-ovatis, basi attenuatis, viridibus, subtus vix pallidioribus, glabris, nerviis 5-7 e basi radiatim divergentibus setis aut spinulis omnino destitutis percursis, marginibus prope apicem setoso-ciliatis; spadices breves erecti, spathis primariis arcte tubulosis et dense spinosis, inflorescentiis partialibus brevibus; fructibus subgloboso-ovoideis, abrupte apiculatis, 18 mill. longis, 14 mill. latis, perianthio basi calloso et breviter pedicelliformi suffultis; semine ovoideo-oblongo dorso alveolato, albumine aequabili.—*C. rhomboideo* affinis.

Lower Cochinchina (Pierre No. 4836).

104. CALAMUS BLUMEI Becc.—*C. rhomboideus* v. *rigida* Bl.

—Borneo.

105. CALAMUS TOMENTOSUS Becc. Malayan Peninsula.

C. TOMENTOSUS v. *KORTHALSIAEFOLIUS* Becc.

—Malayan Peninsula.

GROUP XII.—*Leaves* produced into a cirrus. *Leaf-sheaths* not flagelliferous. *Leaflets* often more or less narrowly lanceolate.