

158. *Calamus Harmandi* Pierre MS. (nomen nudum).—Caespitosus? frondium vagina in ventre aperta spinis longis basi confluentibus et irregulariter verticillatis armata; petiolus supra profunde canaliculatus, subtus rotundatus ad margines spinis rectis horizontalibus armatus; segmenta numerosa aequidistantia approximata lineari-ensiformia utrinque subconcolora, tricostulata in pagina superiore costa media validiuscula remote setosa et costulis secundariis minute remoteque spinulosis, subtus nervis omnibus nudis, majora 30-40 cent. longa, 10-15 mill. lata, 2 apicalibus basi liberis brevioribus angustissimis; spadix erectus rigidus, spicis paucis rigidis crassis cylindraceis erectis, 10 cent. longis, undique (per series 6?) floriferis, fructibus (immaturis) parvis obovatis et apici rostratis-densissime congestis.—Species anomala floribus in spica multiseriatis insignia.

Cochinchina (Pierre No. 3359 et 1198).

159. *CALAMUS THYSANOLEPIS* Hance . . . Hong-Kong.

160. *Calamus ferrugineus* Becc. sp. n.—Caespitosus? vaginae spinis solitariis vel aggregato-subseriatis, elongato-laminaribus armatae; frondes (non cirriferae?) rachi subtus plana et aculeis brevibus in medio armata, supra acute bifaciali; segmenta aequidistantia numerosa linearia acuminatissima 27-28 cent. longa, 12-15 mill. lata, acuminatissima, apice filiformi, subtus pallidiora, supra costa media nuda, nervo laterali tenui (in utroque latere) setis nigris sparso, subtus in nervis 5 tenuibus minute setoso-spinulosa, marginibus ciliato-spinulosis; spadix (♀) rigidus breviusculus non flagelliferus undique indumento furfuraceo atro-rubiginoso indutus, spathis primariis tubulosis apicem versus parum ampliatis, dorso carinatis et aculeatis, in ore barbato-ciliatis; inflor. partialibus brevibus spicis paucis ascendentibus subscorpioideis, floribus approximatis 4-seriatis; spathis secundariis infundibuliformibus truncatis et margine ciliato-barbatis.—E congerie *C. Reinwardtii*?

Borneo (Lobb in Herb. Calc.); Sarawak (Beccari P. B. No. 563).

161. *Calamus mattanensis* Becc. sp. n.—Scandens, caudicis vaginae 12-17 mill. diam. (non flagelliferae?) spissis, sublignosis, spinis linearibus anguste lanceolatis, 10-15 mill. longis, horizontalibus, basi supra tumescentibus, subtus concavis et ad latera subdecurrentibus, spinulis minoribus intermixtis, armatae; frondes majusculae cirro elongato flagelliformi aculeato terminatae, petiolo elongato subbiconvexo vel plano-convexo marginibus et subtus aculeis reduncis robustis armato; segmenta pauca (17-18) valde inaequidistantia saepe 2-3 approximata, utrinque subnitentia, rigide et spisse char-