

et oblique seriatis armatis; frondium petiolus brevissimus spinis rectis longis horizontalibus armatus, rachi in dorso spinis rectis longis solitariis deflexis, aculeis reduncis intermixtis, armata; segmenta numerosa approximata aequidistantia anguste lanceolata, supra in costa media, subtus in nervis 3 spinulosa, marginibus patule crebreque serrulato-spinulosis; spadiceis ♀ spathae primariae elongato-tubulosae, aculeatae, in ore oblique truncatae; inflorescentiae partiales 12-15 cent. longae, spicis disticis utrinque 5-6, 8-9 cent. longis; floribus 4-seriatis.—*C. viminali* valde affinis differt segmentis aequidistantibus et floribus ante anthesin 4-seriatis.

Siam (Schomburgh in Herb. Kew).

47. *CALAMUS CONCINNUS* Mart. . . . . Mergui.  
 48. *CALAMUS FLORIBUNDUS* Griff.—*C. mishmeensis* Griff.—*C. multiflorus* Mart. . . . . N.-E. India.  
 49. *CALAMUS MOLLIS* Blanco—*C. Hankeanus* Mart.—*C. usitatus* (not of Blanco) Vidal . . . . . Philippines.  
 50. *CALAMUS BLANCOI* Kunth—*C. gracilis* (not of Roxb.) Blanco —*C. brevifrons* Mart.—*C. parvifolius* (not of Roxb.) Vidal —*C. usitatus* (not of Blanco) Mart. . . . . Philippines.  
 51. *CALAMUS PSEUDO-TENUIS* Becc.—*C. tenuis* (not of Roxb.) Thw. . . . . S. India; Ceylon.  
 52. *CALAMUS RADICALIS* H. Wendl. . . . . Australia.  
 53. *CALAMUS ZEBRINUS* Becc. . . . . New Guinea.  
 54. *CALAMUS BARBATUS* Bl. . . . . New Guinea.  
 55. *CALAMUS INTERRUPTUS* Becc. . . . . New Guinea.  
 56. *CALAMUS DOCILIS* Becc.—*C. interruptus* v. *docilis* Becc. —New Guinea.  
 57. *CALAMUS SERRULATUS* Becc. . . . . New Guinea.  
*E.*—Leaflets as in *D.*, but more numerous, usually narrow (lanceolate in *C. salicifolius*). Fruiting perianth slightly callous at the base and subpedicelliform.

58. *Calamus nematospadix* Becc. sp. n.—Scandens, caudice digiti crassitiae, vaginis dense spinis laminaribus lanceolatis parvis armatis; frondium (80-90 cent. long.) petiolus elongatus marginibus aculeatis segmenta 15-30 in utroque latere aequidistantia, lineari-ensiformia, 20-30 cent. longa, 1-2 cent. lata, basi attenuata, apici acuminata, supra substriato-multinervia, costulis majoribus 3 percursa, quarum costula media nuda et costulis lateralibus spinulosis, subtus costa media superficiali spinulosa, et nervis lateralibus nudis; marginibus prope apicem tantum inconspicue spinulosis; spadices longissimi (ultra 3-metrales) gracillimi filiformes, apici

flagello tenuissimo aculeato terminati; spathae primariae angustissimae, tubulosae, parcissime aculeatae; inflorescentiae partiales paucae remotissimae et valde elongatae, floribus ♂ minutissimis; fructus parvi, inter minores, sphaeroidei pisi magnitudine, semine globoso 4.5 mill. diam., albumine aequabili.

Borneo; Sarawak (Beccari P. B. Nos. 1000, 2760, 2927).

59. CALAMUS PYGMAEUS Becc. . . . . Borneo.

60. *Calamus borneensis* Becc. sp. n.—Mediocris, scandens; frondium rachis subtus prope apicem subregulariter aculeis reversis solitariis armata; segmenta numerosa aequidistantia remotiuscula, anguste lineari-ensiformia, basi breviter attenuata, apici sensim attenuato-acuminata, supra costulis 3 acutis setosis percursa, subtus pallidiora, nervis tenuibus, costa media superficiali interdum prope apicem parce setosa, marginibus minute et inconspicue spinuloso-ciliolatis, majora 30 cent. longa, 13 mill. lata, 2 apicalia minora e basi libera; spadices ♀ longissimi filiformes; spathae primariae et secundariae valde elongatae angustissimae, arcte tubulosae; inflorescentiae partiales valde elongatae, spicis numerosis distice paullo supra spatharum faucem horizontaliter callo insertis, filiformibus 10-15 cent. longis utrinque floribus 10-19 distice onustis. Fructus (immaturi) parvi subgloboso-ovati, rostrati, perianthio basi calloso subpedicelliformi suffulti.

Borneo; Sarawak? (Lobb. in Herb. Calc.).

61. CALAMUS REINWARDTII Mart. . . . . Java.

C. REINWARDTII v. AMPLUS Mart. . . . . Java.

C. REINWARDTII subsp. HETEROIDEUS Becc.—*C. heteroideus* Bl. with the vars.  $\beta$  *procerus*,  $\gamma$  *refractus*,  $\delta$  *conjugatus*,  $\epsilon$  *spissus* . . . . . Java.

C. REINWARDTII v. PALLENS Becc.—*C. pallens* Bl. . . . . Java.

62. CALAMUS OPACUS Bl. . . . . Sumatra.

63. CALAMUS DENSIFLORUS Becc. . . . . Malayan Peninsula.

64. *Calamus Ridleyanus* Becc. sp. n.—Scandens; frondium rachis subtus aculeis reduncis validis sparsis apice nigris armata; segmenta numerosa aequidistantia, lineari-lanceolata, basi attenuata, apici acuminata, majora 45 cent. longa, 2.5 cent. lata, superiora sensim minora, apicalia parva, utrinque viridia et subnitentia, supra costulis prominentibus 3 nudis, subtus nervis tenuibus et apice versus setulosus percursa, marginibus nudis; spadix ♀ valde elongatus, 3-metralis et ultra, flagello aculeato elongato terminatus; spathae primariae arcte tubulosae in ore truncatae, dense spinulis parvis armatae; inflorescentiae partiales paucae valde elongatae (usque 75 cent.