

3-4-costulata, lateralibus angustioribus et longioribus, anguste oblanceolata, supra acute 3-costata, utrinque viridia, nitida et nuda; spadix breviusculus (60 cent.) apice breviter caudatus; spathae primariae tubulosae, apici exsuccae et lacerae in dorso aculeatae, inflorescentiae partiales patentes, majora 20 cent. longa, spicibus utrinque numerosis alternatim distiche horizontalibus vermicularibus; spathis secundariis elongatis tubuloso-infundibuliformibus tuberculato-scabridis; spathellis brevissimis scaberrimis; fructibus parvis, sphaericis (immaturis 7 mill. diam.)

Borneo; Sarawak (Lobb in Herb. Kew).

40. *Calamus scabridulus* Becc. sp. n.—Fronidium rachis supra acutissima bifacialis, subtus aculeis validis reduncis solitariis apice nigris armata; segmenta numerosa subaequidistantia remotiuscula, anguste lanceolato-ensiformia acuminata, basi attenuata utrinque viridia et subnitentia, supra in costulis 3 acutis spinosula, subtus secus nervos primarios 3 tenues parce spinulosa, marginibus fere nudis, majora 40-45 cent. longa, 2-2.5 cent. lata, 2 apicalia paulo latiora sed breviora et basi breviter connata; spadicibus infl. partiales valde elongatae; spathis secundariis scabrido-aculeatis; spicibus reflexis, spathellis brevissimis tuberculoso-hispidulis.—*C. ruvido* affinis.

Billiton (Riedel) and probably also in Borneo (Motley in Herb. Kew).

41. CALAMUS MURICATUS Becc. Borneo.

42. CALAMUS ZONATUS Becc. Borneo.

C.—As in B., but leaflets numerous, equidistant; spathes, spathels and spathellules conspicuously scabrid.

43. CALAMUS RADULOSUS Becc. Malayan Peninsula.

44. CALAMUS RUGOSUS Becc. Malayan Peninsula.

D.—Leaflets many, narrow, often fascicled; spathes, spathels and spathellules smooth or more or less aculeate but never scabrid. Fruiting calyx explanate.

45. CALAMUS VIMALIS Willd. (type)—*C. buroënsis* (partly) Mart.—*C. litoralis* Bl.—*Palmajuncus vimalis* Rumph. —Java.

C. VIMALIS v. FASCICULATUS Becc.—*C. fasciculatus* Roxb.—*C. extensus* (not of Roxb.) Mart.—*C. pseudo-Rotang* Mart.

—Bengal; Burma; Tenasserim; Pinang; Andaman Islands.

46. *Calamus siamensis* Becc. sp. n.—Caudex scandens digiti crassitiae, vaginis spinis longiusculis solitariis vel confluentibus