Pollen (fide G. Thanikaimoni, from *Moore et al. 9957*) monosulcate, never trichotomosulcate, elliptic in polar view; exine finely reticulate; lumina 0.5 μ; muri 0.5 μ; exine thickness 2 μ; tectum perforate 0.5 μ thick; columella 1.0 μ in height; foot layer 0.5 μ thick. L = 36 (46.3) 52 μ; l = 20 (22.95) 28 μ; h = 20–23 μ.

Fruit black when mature, ellipsoid, with apical stigmatic residue, ca. 12 mm long, 4–5 mm in diam. when fresh, drying 9–12 mm long, 3–4 mm in diam., falling from the perianth, which persists on the rachilla; epicarp smooth, underlain by tannin cells, a shell of pale, flattish, very short sclereids, a few thin, pale, longitudinal fibers, and an inner tanniferous layer; endocarp fragile, minutely alveolate, brown, narrowly ovoid-ellipsoid, with elongate operculum and produced in a basal point: seed narrowly ovoid-ellipsoid, brown, ca. 7 mm long, 3 mm in diam., hilum elongate, in upper ⅔, raphe branches descending, few, scarcely anastamosed; endosperm homogeneous; embryo lateral, below middle.

Specimens examined: NEW CALEDONIA: Puébo, *Hb. Caen 642* (leg. Vieillard?) (P, holotype of *Basselinia glabrata*, photo BH; BM, isotype; FI (Hb. Becc.), fragments); Puébo, forêt humide sur schistes, crête entre Mandjelia et Salandané, 600 m, 15 Dec 1969, *H. S. MacKee 21277* (NOU, P); Haute Hienghène, Ouyit, forêt humide sur crête schisteuse, 600 m, 25 May 1971, *H. S. MacKee 23724* (NOU, P), 1 June 1972, *H. S. MacKee 25556* (BH, NOU, P); Haute Diahot, Paala, exploitation forestière Frouin, forêt humide sur micaschistes, 500 m, 1 June 1976, *H. S. MacKee 31303* (BH, P); wet forest, Roches d'Ouaième, between Hienghène and Tao, alt. 240–450 m, 21 June 1971, *H. E. Moore, Jr., M. Brinon, M. Schmid, & J.-M. Veillon 9957* (A, BH, K, NOU, P, US); forêt en bordure ruisseau, Mt. Ignambi, 28 Nov 1967, *M. Schmid 2516* (BH, NOU); forêt sur pente micaschisteuse, Roches d'Ouaième, vers 500 m, 3 Sept 1970, *M. Schmid 3406* (BH, NOU); Ouégoa, bassin S. W. de la Tendé, en association avec *Burretiokentia*, 31 July 1973, *J.-M. Veillon 3003* (P).

The generic name of this palm is in tribute to M. Maurice Schmid, formerly of O.R.S.T.O.M., Nouméa, New Caledonia, who, in concert with M. Lucien Lavoix, has provided material, notes, and photographs, over the years, and who, in 1971 and 1972, arranged for much of my fieldwork and accompanied me on a major trip to the mountains of the northeast coast.

Alloschmidia has the inflorescence enclosed by a complete prophyll, sharing this characteristic among New Caledonian palms of the *Clinostigma* alliance (Moore 1973) with *Brongniartikentia, Clinosperma, Cyphokentia* (including *Dolichokentia*), and *Lavoixia*.

From these it differs in the fruit with apical not lateral or basal stigmatic residue, in the lateral, not basal, embryo, in the minutely alveolate endocarp with elongate operculum, and in other characteristics of inflorescence, arrangement of flowers, and stamens.

It was originally intended to use a different specific epithet (Veillon 1976, p. 40, *nomen nudum*) taken from the name of a daughter of M. Schmid, herself born in New Caledonia, but study of the type of *Basselinia glabrata* among materials recently received at Paris from Caen shows it to represent *Alloschmidia* and requires the transfer of the epithet from that species.

LAVOIXIA H. E. Moore, **gen. nov.**

Palmae monoeciae solitariae. Folia pinnata vaginis tubularibus viridibus. Inflorescentiae infrafoliares prophyllo pedunculum omnino vaginante pedunculo

3. *Alloschmidia glabrata* at Roches d'Ouaième (*Moore et al. 9957*).

quam rhachidi breviore. Flores in triadibus dispositi staminibus floris mascula 6 filamentis in alabastro ad apicem erectis antheris didymis pistillodio floris masculi in alabastro quam staminibus longiore apice leviter angulato. Fructus laevis grandis stigmate laterali endocarpio verosimiliter operculato.

Lavoixia macrocarpa H. E. Moore, **sp. nov.** (Figs. 4, 5).

Caules ad 12 m alti. Folia ad 2 m longa pinnis utrinsecus 20–30. Fructus subglobosus ca. 3.8 cm altus 3.1–3.2 cm in diam.

Holotype: *Schmid 4575* (BH).

Moderate, single-stemmed, erect, unarmed, monoecious plams; trunk 8–12 m high, leaf scars not prominent.

Leaves (from photograph) ca. 2 m long; sheaths tubular, forming a short but