

A new subspecies of *Vigna unguiculata* (*Leguminosae: Papilionoideae*)

R. S. PASQUET¹

Study of herbarium material of wild *Vigna unguiculata* (L.) Walp. has revealed specimens from Ethiopia with very large stipules; the long calyx lobes place them in the "mensensis group". All have an allogamous style and an unbeaked keel twisted to the left, like subsp. *pawekiae* Pasquet from south-central Africa (Pasquet 1993b). Subsp. *burundiensis* Pasquet occurs south of Ethiopia and its keel twists to the right (Pasquet 1993a). These Ethiopian specimens are here described as a new subspecies.

***Vigna unguiculata* (L.) Walp.**, Repert. Bot. Syst. 1: 779 (1843).

subsp. ***aduensis* Pasquet**, subspecies nova habitu perenne, caule glabro vel scabro, stipulis 12 – 27 × 7 – 10 mm, rachis inflorescentiae 3 – 4-nodosa internodiis brevibus (5 mm), floribus 20 – 25 mm longis, calycis lobis 10 – 14 mm longis; carina haud rostrata in sinistrum torta, ovulis 18 – 20, seminibus 3 – 3.5 × 2 mm distincta. Typus: Ethiopia, Botta, *Schimper* 754 (holotypus P).

Vigna unguiculata subsp. *mensensis* sensu Verdc. in Kew Bull. 24: 545 (1970), p.p. quoad spec. *Pearce* s.n. (BM); Verdc. in Gillett, Polhill & Verdc., Fl. Trop. E. Afr., *Leguminosae, Papilionoideae*. 646 (1971); Pienaar in S. African J. Bot. 58: 423 (1992); non *Vigna mensensis* Schweinf.

Vigna unguiculata subsp. *dekintiana* (Harms) Verdc. var. *mensensis* sensu Maréchal et al. in Taxon 27: 200 (1978) & Boissiera 28: 194 (1978), p.p. quoad spec. *Schimper* 754, non *Vigna mensensis* Schweinf.

ETHIOPIA. Amhara Semien, Dibebar, 7 Dec. 1909, *Chiovenda* 3182 (FT); N part of Mt Scholoda, 26 Oct. 1937, *Schimper* 50 (BM, K, L, P) & *Schimper* 52 (P); Botta, 4 – 5 Oct. 1852, *Schimper* 754 (P, holotype). Sine loc.: *Pearce* s.n. (BM); *Quartin Dillon* & *Petit* s.n. (P).

REFERENCES

- Pasquet, R. S. (1993a). Classification infraspécifique des formes spontanées de *Vigna unguiculata* (L.) Walp. à partir des données morphologiques. Bull. Jard. Bot. Belg. 62: 127 – 173.
- (1993b). Two new subspecies of *Vigna unguiculata* (L.) Walp. (*Leguminosae: Papilionoideae*). Kew Bull. 48: 805 – 806.

Accepted for publication September 1997.

¹ORSTOM, GENETROP, 911 Avenue d'Agropolis, BP 5045, Montpellier 34032, France.

Reprint from

KEW BULLETIN VOL. 52(4) (1997)

**A NEW SUBSPECIES OF *VIGNA UNGUICULATA*
(*LEGUMINOSAE: PAPILIONOIDEAE*)**

R. S. PASQUET

Fonds Documentaire ORSTOM



010013154

Fonds Documentaire ORSTOM
Cote: B*13154 Ex: 1