

A precursor to the treatment of *Dorstenia* (*Moraceæ*) for the floras of Cameroun and Gabon : corrections and additions

M. E. E. HIJMAN

Summary : Corrections and additions to the preliminary study of *Dorstenia* (*Moraceæ*) in Cameroon and Gabon having been published in *Adansonia*, ser. 2, 16 (4) : 415-443 (1977).

Résumé : Corrections et additions apportées à l'étude préliminaire du genre *Dorstenia* (*Moraceæ*) au Cameroun et au Gabon, publiée dans *Adansonia*, ser. 2, 16 (4) : 415-443 (1977).

Maria E. E. Hijman, Institute for Systematic Botany, State University Utrecht, Heidelberglaan 2, Utrecht, Netherlands.

In the precursor to the treatment of *Dorstenia* for the Floras of Cameroun and Gabon in *Adansonia*, ser. 2, 16 (4) : 415-443 (1977), the name of *Dorstenia mannii* has been overlooked. *D. ophiocoma* K. Schumann & Engl. proved to be a synonym of *D. mannii* Hooker f.

Since field-observations and new collections provide more dates, a revision of the infraspecific taxa of *D. mannii* is necessary. The following new combinations should be recognized :

***Dorstenia mannii* Hooker f.**

Bot. Mag. 3 (27) : tab. 5908 (1871).

a. var. *mannii*.

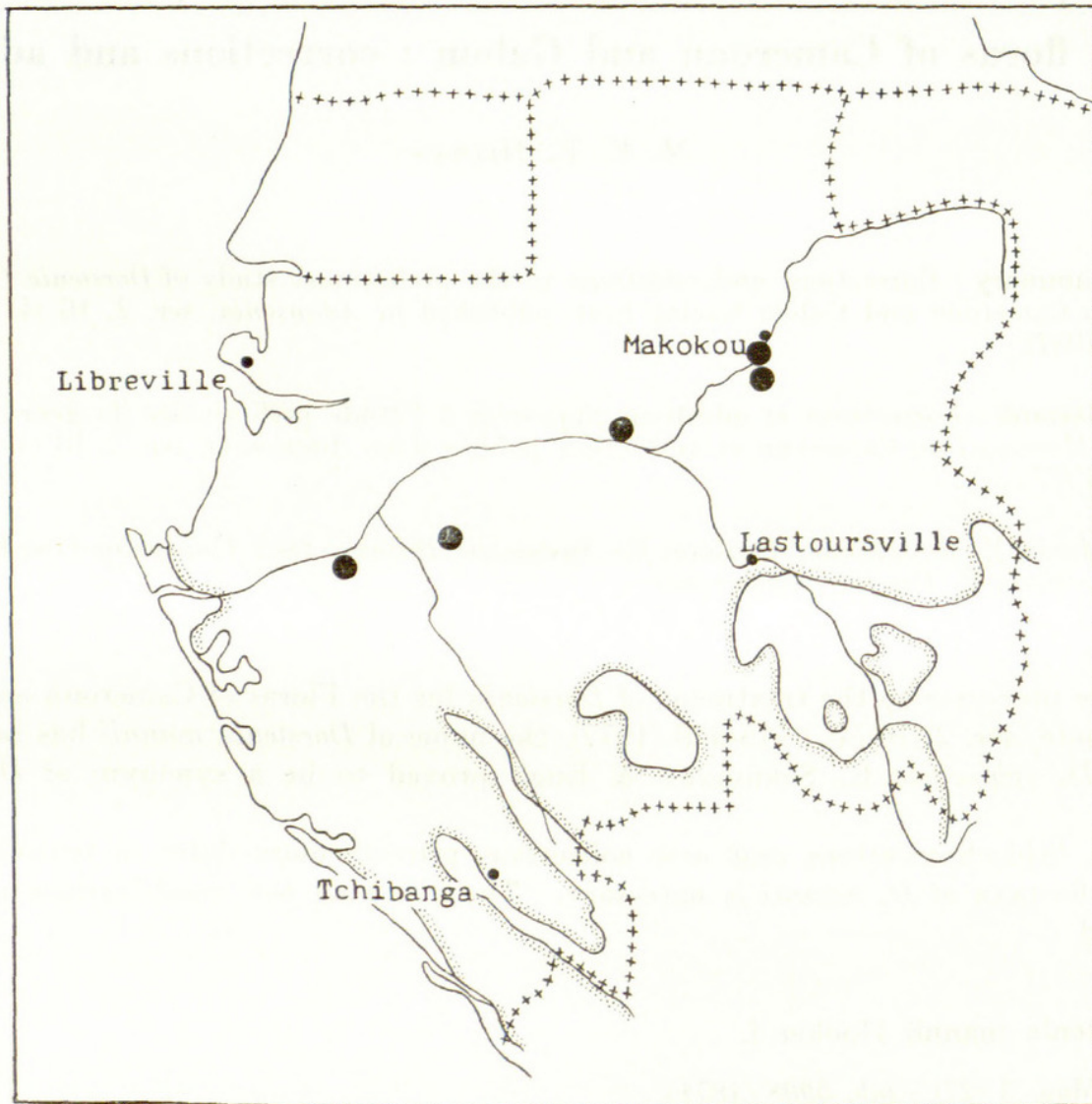
— *D. ophiocoma* K. SCHUMANN & ENGL. var. *ophiocoma*, Bot. Jahrb. 20 : 145 (1894) ; M. HIJMAN & C. C. BERG, *Adansonia*, ser. 2, 16 (4) : 429 (1977).

b. var. *mougasii* M. Hijman, var. nov.

Herba 20-45 cm alta, puberula, internodia 1-3 cm longa. *Lamina* late oblonga vel elliptica, acuminata, basi subobtusata ; *stipulae* persistentes, subulatae, 3-8 mm longae. *Inflorescentia* singula, virida ; *pedunculus* (1.5-)3.5-5 cm longus ; *receptaculum* ca. 1 cm diametro, lobis triangularibus 5-8(-11).

TYPE : Hijman & Weerdenburg 350, Gabon, 10 km SW Makokou, plateau d'Ipasse (holo-, U).

Stems ascending, 20-45 cm tall, puberulous, internodes 1-3 cm long. Lamina rather broadly oblong or elliptic, acuminate, with a subobtuse base; stipules persistent, subulate, 3-8 mm long. Inflorescences solitary, greenish; peduncle rather long, (1.5-)3.5-5 cm; receptacle ca. 1 cm in diameter, with 5-8(-11) triangular lobes.



Map. 1. — Distribution of *D. mannii* Hooker f. var. *mougasil* M. Hijman.

DISTRIBUTION : Gabon (map 1).

c. var. *alternans* (Engl.) M. Hijman, *comb. nov.*

— *D. alternans* ENGL., Bot. Jahrb. 46 : 273 (1911).

— *D. ophiocoma* K. SCHUMANN & ENGL. var. *alternans* (Engl.) M. HIJMAN & C. C. BERG, Adanson, ser. 2, 16 (4) : 429 (1977).

d. var. *mungensis* (Engl.) M. Hijman, *comb. nov.*

— *D. mungensis* ENGL., Bot. Jahrb. 20 : 145 (1894).

- *D. ophiocoma* K. SCHUMANN & ENGL. var. *mungensis* (ENGL.) M. HIJMAN & C. C. BERG, *Adansonia*, ser. 2, 16 (4) : 430 (1977).

e. var. **stipulata** (Rendle) M. Hijman, *comb. nov.*

- *D. stipulata* RENDLE, *Journ. Bot.* 53 : 298 (1915).
 — *D. ophiocoma* K. SCHUMANN & ENGL. var. *stipulata* (RENDLE) M. HIJMAN & C. C. BERG forma *stipulata*, *Adansonia*, ser. 2, 16 (4) : 430 (1977).

f. var. **humilis** (M. Hijman & C. C. Berg) M. Hijman, *comb. & stat. nov.*

- *D. ophiocoma* K. SCHUMANN & ENGL. var. *stipulata* (RENDLE) M. HIJMAN & C. C. BERG forma *humilis* M. HIJMAN & C. C. BERG, *Adansonia*, ser. 2, 16 (4) : 430 (1977).

KEY TO THE VARIETIES OF *D. mannii*

1. Receptacle with 10-14(-18) lobes passing into primary appendages.
 2. Stems (30-)50-100 cm tall..... var. *mannii*
 - 2'. Stems 5-30 cm tall..... var. *mungensis*
- 1'. Receptacle with less than 10 lobes passing into primary appendages.
 3. Receptacle with ca. 8 lobes passing into primary appendages.
 4. Apex of the lamina (mostly) distinctly acuminate.
 5. Stems 30-50 cm tall ; stipules persistent, mostly conspicuous.
 6. Stems almost glabrous ; leaves narrowly elliptic or oblong, with a cuneate base..... var. *alternans*
 - 6'. Stems puberulous ; leaves rather broadly elliptic or oblong, with a subobtuse base..... var. *mougassii*
 - 5'. Stems (30-)50-100 cm tall, often rather densely puberulous ; stipules (sub)persistent, mostly not conspicuous..... var. *mannii*
 - 4'. Apex of the lamina acute to faintly acuminate or obtuse.
 7. Herb of ca. 40 cm tall with an ascending stem ; lamina 8-14 cm long, 3.5-7 cm broad..... var. *stipulata*
 - 7'. Little herb, up to ca. 30 cm tall with a creeping to ascending stem ; lamina rather small, 2-9(-11) cm long, 1-4(-6) cm broad.
 8. Secondary veins in the lamina 4-6 pairs ; margin of the lamina entire var. *humilis*
 - 8'. Secondary veins in the lamina 4-10 pairs ; margin of the lamina usually lobed..... var. *mungensis*
 - 3'. Receptacle with 2-6 lobes passing into primary appendages.
 9. Stems (30-)50-100 cm tall ; inflorescences often in pairs.... var. *mannii*
 - 9'. Stems up to 40 cm tall ; inflorescences solitary.
 10. Secondary veins in the lamina 4-6 pairs ; margin of the lamina entire..... var. *humilis*
 - 10'. Secondary veins in the lamina 4-10 pairs ; margin of the lamina usually lobed..... var. *mungensis*

*
* *

The species *D. harmsiana* Engler as it was published in the precursor to the treatment of *Dorstenia* for the Floras of Cameroun and Gabon in *Adansonia*, ser. 2, 16 (4) : 430 (1977), must be named *D. lujæ* De Wildeman. *D. harmsiana* Engler as it was described by ENGLER in 1904 is a synonym of *D. ciliata* Engler.

The following new combinations should be recognized :

Dorstenia lujæ De Wildeman

Pl. Nov. Herb. Thun 1 : 221, *tab.* 50 (1907).

a. var. lujæ

b. var. batesii (Rendle) M. Hijman, *comb. nov.*

— *D. batesii* RENDLE, Journ. Bot. 53 : 301 (1915).

— *D. harmsiana* ENGL. var. *batesii* (RENDLE) M. HIJMAN & C. C. BERG, Adansonia, ser. 2, 16 (4) : 432 (1977).

★
★ ★

The distribution of *Dorstenia letestui* Pellegrin and that of *Dorstenia brieyi* De Wildeman, given in map 19 in *Adansonia*, ser. 2, 16 (4) : 441 (1977) have been confused by mistake.



Hijman, M E E. 1981. "A precursor to the treatment of *Dorstenia* (Moraceæ) for the floras of Cameroun and Gabon : corrections and additions." *Bulletin du Muse*

um National d'Histoire Naturelle Section B, Adansonia, botanique, phytochimie 3(3), 313–316.

View This Item Online: <https://www.biodiversitylibrary.org/item/90529>

Permalink: <https://www.biodiversitylibrary.org/partpdf/276554>

Holding Institution

Missouri Botanical Garden, Peter H. Raven Library

Sponsored by

Missouri Botanical Garden

Copyright & Reuse

Copyright Status: In copyright. Digitized with the permission of the rights holder.

Rights Holder: Muséum national d'Histoire naturelle

License: <http://creativecommons.org/licenses/by-nc-sa/3.0/>

Rights: <https://biodiversitylibrary.org/permissions>

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.