

JOURNAL of the ADELAIDE BOTANIC GARDENS

AN OPEN ACCESS JOURNAL FOR AUSTRALIAN SYSTEMATIC BOTANY

flora.sa.gov.au/jabg

Published by the

STATE HERBARIUM OF SOUTH AUSTRALIA
on behalf of the

BOARD OF THE BOTANIC GARDENS AND STATE HERBARIUM

© Board of the Botanic Gardens and State Herbarium,
Adelaide, South Australia

© Department of Environment, Water and Natural Resources,
Government of South Australia

All rights reserved

State Herbarium of South Australia
PO Box 2732
Kent Town SA 5071
Australia



Board of the
Botanic Gardens and
State Herbarium

CORRIGENDUM

Notes on *Hibbertia* (Dilleniaceae). 5.

H.R. Toelken

State Herbarium of South Australia, P.O. Box 2732, Kent Town, South Australia 5071
E-mail: hellmut.toelken@sa.gov.au

Abstract

Illegitimate names used for two species published by Toelken (2010) necessitate the new names *H. nemorosa* Toelken and *H. persquamata* Toelken to replace *H. heterotricha* Toelken and *H. complanata* Toelken, respectively. The new combination *H. persquamata* subsp. *ampliata* (Toelken) Toelken is added.

Keywords: Dilleniaceae, *Hibbertia*, nomenclature, taxonomy, new names.

Introduction

Two new names and a new combination are published here to replace names in the recent revision of *Hibbertia* §*Tomentosae* Benth. from tropical Australia (Toelken 2010). It was overlooked that the name *H. heterotricha* had previously been used for a New Caledonian species (Guillaumin 1920), and that the new combination *H. complanata* (R.Br. ex DC.) J.W.Horn (2009) just predated Toelken's homonym. The same numbering of the species is adhered to for quick reference.

3. *Hibbertia nemorosa* Toelken, nom. nov.

Basionym: *Hibbertia heterotricha* Toelken, J. Adelaide Bot. Gard. 23: 27 (2010), nom. illeg., non *H. heterotricha* Bureau ex Guillaumin, Bull. Soc. Bot. France 67: 54 (1920). — **Typus:** Queensland, North Kennedy, Mt Spec Range, C.H.Gittins 493, v.1962 (holo.: BRI).

Etymology. The epithet 'nemorosa', Latin, 'growing in woods' refers to the often recorded habitat of the species as an understory shrub in forest.

34. *Hibbertia persquamata* Toelken, nom. nov.

Basionym: *Hibbertia complanata* Toelken, J. Adelaide Bot. Gard. 23: 81 (2010), nom. illeg., non *H. complanata* (R.Br. ex DC.) J.W.Horn, Int. J. Pl. Sci. 170: 809 (2009). — **Typus:** Western Australia, Augustus Island, P.A.Fryxell, L.A.Craven & J.McD. Stewart 4698, 8.vi.1985 (holo.: CANB 377016; iso.: CANB 377017, PERTH).

Etymology. The epithet 'per-squamata', Latin, 'completely (densely) covered with scales' refers to the dense cover of scales, which distinguish this species from *H. echinifolia* R.Br. ex Benth. and *H. fractiflexa* Toelken.

34a. *Hibbertia persquamata* subsp. *persquamata*

34b. *Hibbertia persquamata* subsp. *ampliata* (Toelken) Toelken, comb. nov.

Basionym: *Hibbertia complanata* subsp. *ampliata* Toelken, J. Adelaide Bot. Gard. 23: 82 (2010). —

Typus: Western Australia, Lushington Brook, Prince Regent River, C.A.Gardner 9572, 3.vii.1950 (holo.: PERTH 3029905, right hand specimen with flower; iso.: PERTH 3029905 left hand branches and dupl. sheet).

References

- Guillaumin, M.A. (1920). Matériaux pour la flore de la Nouvelle-Calédonie. IX. Revision des Dilleniacées. *Bulletin de la Société Botanique de France* 67: 47–54.
Horn, J.W. (2009). Phylogenetics of Dilleniaceae using sequences data from four plastid loci (*rbcL*, *infA*, *rps4*, *rp16* Intron). *International Journal of Plant Sciences* 170: 794–813.
Toelken, H.R. (2010). Notes on *Hibbertia* (Dilleniaceae) 5. *H. melhanioides* and *H. tomentosa* groups from tropical Australia. *Journal of the Adelaide Botanic Gardens* 23: 1–117.