


The correct author citation for Jacquin's names in *Drimia* (Hyacinthaceae: Urgineoideae) and *Eriospermum* (Ruscaceae)

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The correct author citations for several names in the genera *Drimia* (Hyacinthaceae) and *Eriospermum* (Ruscaceae) that were invalidly published by N.J. Jacquin are provided. The later validation dates for these names do not have implications for their nomenclatural priority.

Keywords: Africa; invalid name; nomenclature; taxonomy; Willdenow

Introduction

The recent account of *Drimia* (Hyacinthaceae: Urgineoideae) in southern Africa by Manning and Goldblatt (2018) recognised 70 species in the first complete regional review of this ethno-botanically important genus since the earlier partial reviews of species by Nordenstam (1970) and Jessop (1977). As such, it will certainly be treated as a primary resource for the taxonomy of the group for some time. It is thus especially unfortunate that the authors erred in their interpretation of the validating authors for the generic name and some associated species described by Jacquin (1795). A similar error made by Perry (1994) in her monograph of the genus *Eriospermum* (Ruscaceae), which comprises some 104 species distributed throughout sub-Saharan Africa, has remained undetected until now. These errors are corrected here.

Nomenclature

The name *Drimia* was first published by Jacquin (1795) in his *Icones plantarum rariorum* for five species of southern African Hyacinthaceae with reflexed tepals. Although the individual species were described, no separate generic description or diagnosis was included, either then or later in his *Collectaneorum supplementum* (Jacquin 1797). This lack of a diagnosis for his new genus, which included more than a single species at the time, renders the generic name invalid (Turland et al. 2018: Art. 38.1, 38.5), and this in turn renders the names of the five species published by him under that genus also invalid (Turland et al, 2018: Art. 35.1). The attribution by Manning and Goldblatt (2018) of the generic name *Drimia* and its five original species to Jacquin as the author is thus incorrect. All these names were in fact only validated by Willdenow (1799) in *Species plantarum*, ed. 4 through his provision of a descriptions for the genus as well as the individual species.

In like manner, Jacquin (1795) published three species in the new genus *Eriospermum* in *Icones plantarum rariorum* and subsequently in *Collectaneorum*

supplementum (Jacquin 1797), followed by a further two species in *Plantarum rariorum horti caesarei schoenbrunnensis* (Jacquin 1798). Once again no separate generic description or diagnosis was provided in any of these publications, rendering the generic name invalid (Turland et al. 2018: Art. 38.1, 38.5), and thus in turn the names of the five species published by him under that genus (Turland et al. 2018: Art. 35.1). As in *Drimia*, the genus *Eriospermum* and its initial three species were validated by Willdenow (1799) in the *Species plantarum*, ed. 4, and these names are thus to be attributed to Willdenow. The remaining two species described by Jacquin (1798) were not included in Willdenow (1799) and their validation dates from their publication by Ker Gawler (1811) in *The Botanical Register*. Although Perry (1994) correctly attributed the genus *Eriospermum* to Willdenow (1799), she overlooked the nomenclatural complications for the five species described by Jacquin.

The correct author citations for all of these names are provided here. Currently accepted names are given in **bold**. Fortunately the slightly later dates for the validation of these names have no implication on nomenclatural priority for the taxa concerned.

Drimia Jacq. ex Willd., Sp. Pl. 2: 165 (1799).

[*Drimia* Jacq., nom. inval., without description, Icones Pl. Rar. 2 (1795); Collect. Suppl. (1797).]

Drimia elata Jacq. ex Willd., Sp. Pl. 2: 165 (1799).

[*Drimia elata* Jacq., nom. inval., without generic description, Icones Pl. Rar. 2: 15, t. 373 (1795); Collect. Suppl.: 38 (1797).]

Drimia ciliaris Jacq. ex Willd., Sp. pl. 2: 165 (1799).

[*Drimia ciliaris* Jacq., nom. inval., without generic description, Icones Pl. Rar. 2: 15, t. 377 (1795); Collect. suppl.: 41 (1797).]

Note: This taxon is considered to be conspecific with **D. elata** Jacq. ex Willd. (Manning & Goldblatt 2018).

Drimia pusilla Jacq. ex Willd., Sp. pl. 2: 165 (1799).

[*Drimia pusilla* Jacq., nom. inval., without generic description, Icones Pl. Rar. 2: 15, t. 374 (1795); Collect. Suppl.: 42 (1797).]

Note: This taxon is considered to be conspecific with **D. elata** Jacq. ex Willd. (Manning & Goldblatt 2018).

Drimia media Jacq. ex Willd., Sp. pl. 2: 166 (1799).

[*Drimia media* Jacq., nom. inval., without generic description, Icones Pl. Rar. 2: 15, t. 375 (1795); Collect. Suppl.: 40 (1797).]

Drimia undulata Jacq. ex Willd., Sp. pl. 2: 166 (1799).

[*Drimia undulata* Jacq., nom. inval., without generic description, Icones Pl. Rar. 2: 15, t. 376 (1795); Collect. Suppl.: 41 (1797).]

Note: This is the basionym of **Ledebouria undulata** (Jacq. ex Willd.) Jessop (Jessop, 1970).

Eriospermum Jacq. ex Willd., Sp. pl. 2: 110 (1799).

[*Eriospermum* Jacq., nom. inval., without description, Icones Pl. Rar. 2 (1795); Collect. Suppl. (1797).]

Eriospermum lanceifolium Jacq. ex Willd. [as '*lanceaefolium*'], Sp. Pl. 2: 111 (1799).

[*Eriospermum lanceaefolium* Jacq., nom. inval., without generic description, Icones Pl. Rar. 2: 19, t. 421 (1795); Collect. Suppl.: 72 (1797).]

Eriospermum lanuginosum Jacq. ex Ker Gawl. in Curtis's Bot. Mag. 34: sub. t. 1382 (1811); [Edwards] Bot. Reg. 7: sub. t. 578 (1821).

[*Eriospermum lanuginosum* Jacq., nom. inval., without generic description, Pl. Rar. Hort. Schoenbr. 3: 7, t. 264 (1798).]

Eriospermum latifolium Jacq. ex Willd., Sp. pl. 2: 110 (1799).

[*Eriospermum latifolium* Jacq., nom. inval., without generic description, Icones Pl. Rar. 2: 18, t. 420 (1795); Collect. Suppl.: 73 (1797).]

Note: This taxon is considered to be conspecific with *E. capense* (L.) Thunb. (Perry, 1994).

Eriospermum parvifolium Jacq. ex Willd., Sp. pl. 2: 111 (1799).

[*Eriospermum parvifolium* Jacq., nom. inval., without generic description, Icones Pl. Rar. 2: 19, t. 422 (1795); Collect. Suppl.: 74 (1797).]

Eriospermum pubescens Jacq. ex Ker Gawl. in Curtis's Bot. Mag. 34: sub. t. 1382 (1811); [Edwards] Bot. Reg. 7: t. 578 (1821).

[*Eriospermum pubescens* Jacq., nom. inval., without generic description, Pl. Rar. Hort. Schoenbr. 3: 8, t. 265 (1798).]

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