

THE WINTERACEAE OF THE OLD WORLD
VI. NEW TAXA AND COMBINATIONS IN NEW CALEDONIAN
ZYGOGYNUM

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Quite a number of identifications of New Caldeonian Winteraceae have been distributed to herbaria and to collectors. A number of the new taxa and new combinations involved have already been published in *Blumea* 31 (1985) 52-54. Awaiting the forthcoming revision it seems pertinent to complete this list as far as New Caledonian taxa are concerned.

***Zygogynum amplexicaule* (Parmentier) Vink**

subsp. *luteum* Vink, *subsp. nov.*

Differt a subsp. *amplexicauli* foliorum parenchyma palissadea evoluta lignosa et petalis intus albis vel luteolis. — T y p u s: *MacKee 39474* (L; iso P), Mt Aoupinié.

***Zygogynum comptonii* (Baker) Vink**

var. *angustifolium* Vink, *var. nov.*

Petioli 0,4-1,2 cm longi. Laminae foliorum obovato-oblongae ad obovato-lanceolatae, 2,3-13 × 0,6-3,7 cm. Inflorescentiae partiales 5-13-florae. Petala 5-9, discreta, exteriora 3,5-4,5(-5) × 1-2(-2,5) mm. Stamina 4-8, 0,7-1,3 mm longa; antherae 2-microsporangii. Carpella 2-4, discreta. — T y p u s: *MacKee 13493* (P; iso L), Mé Maoya.

var. *taracticum* Vink, *var. nov.*

Petioli (0,5-)1,5-4,5 cm longi. Laminae foliorum (anguste) obovatae ad obovato-oblongae (vel ellipticae ad oblongae), (6-)8-20 × (1,5-)2,5-8 cm. Inflorescentiae partiales (3-)5-25 (-38)-florae. Petala 4-6 ad 10-14, discreta, exteriora 4-10 × 1-5,5 mm. Stamina 4-22, 0,9-2,5 mm longa; antherae 2-4-microsporangii. Carpella (1 vel) 2-6, discreta. — T y p u s: *MacKee 24940* (P; iso L), Négropo.

Zygogynum oligostigma* Vink, *spec. nov.

Arbuscula. Petioli 0,5-2 cm longi. Laminae foliorum obovatae vel obovato-oblongae, 4,5-15 × 2,3-5,3 cm, subcoriaceae, apice rotundato vel subretuso, basi acuta et angusta attenuata, subtus non nisi stomatibus strato albo obtectis. Inflorescentiae partiales 2 vel 3, uniflorae. Pedicelli in ala-

bastro usque ad 12×4 mm. Calyx subcrassus, irregulariter lobatus. Petala exteriora 4, in alabastro connata; petala interiora 7–12, discreta. Stamina 51–60 connectivus non productis. Pollen in monadis exutum. Pistillum stigmatibus 3 vel 4 subsessilibus rel. parvis; ovula 14 vel 15. Fructus ignotus. — T y p u s: *McPherson 5707* (L; iso P), inter Kouaoua et Poro.

Zygogynum pancheri (Baillon) Vink

subsp. *arrhantum* Vink, *subsp. nov.*

Petoli 1–3 cm longi. Laminae foliorum (ellipticae vel) obovatae ad obovato-lanceolatae, (6–) 7,5–23 \times (2–) 2,5–9 cm. Inflorescentiae partiales (2–) 5–12(–20)-florae. Petala 19–27(–37), discreta, exteriora 5–12,5 \times 3–7 mm. Stamina 16–39, (cum connectivo producto) 1–3 mm longa. Carpella 3–6, discreta. — T y p u s: *Schlechter 15348* (Z; iso A, BM, BO, FI, GH, L, NSW, P, S, Z).

subsp. *deplanchei* (v. Tieghem) Vink, *stat. & comb. nov.*

Bubbia deplanchei v. Tieghem, J. de Bot. 14 (1900) 293. — T y p e: *Vieillard 2279* (P).

subsp. *elegans* Vink, *subsp. nov.*

Petoli 0,3–1 cm longi. Laminae foliorum obovatae vel ellipticae ad obovato-oblongae, 2–10,5 \times 0,7–3 cm. Inflorescentiae partiales (1–) 3–18-florae. Petala 10–16, discreta, exteriora (2,5–) 3–9 \times 1,5–4 mm. Stamina 5–12, (cum connectivo producto) 1–2,5 mm longa. Carpella 1–3, discreta. — T y p u s: *MacKee 13924* (P; iso L), Col des Roussettes.

subsp. *rivulare* (Vieillard ex Parmentier) Vink, *stat. & comb. nov.*

Drimys rivularis Vieillard ex Parmentier, Bull. Sc. France & Belg. 27 (1895) 306, 229, pl. 10 f. 33. — T y p e: *Vieillard 2278* (P; iso GH, K, MEL, NY, P, Z).

Zygogynum tanyostigma Vink, *spec. nov.*

Arbuscula. Petioli 0,3–0,8 cm longi. Laminae foliorum obovatae vel obovato-oblongae vel ellipticae, 1,5–8 \times 0,8–2,5 cm, coriaceae, apice rotundato (vel obtuso vel retuso), basi acuta, subtus strato griseo-albo obtectis autem stomata strato albo obtectis. Inflorescentiae partiales (1–) 3–16 (–30)-florae, 0,8–3,5 cm longae, floribus successive florentibus. Pedicelli 1–4 mm longi. Calyx tenuis, leviter lobatus. Petala (3 vel) 4 (vel 5), discreta, 2–3,5 \times 1–2,5 mm. Stamina 2–5 connectivis non productis. Pollen in tetradis exutum, exinio reticulato. Carpellum unicum; stigma ad basim carpelli descendens; ovula 11–17. Fructus submaturus usque ad 8 \times 8 mm; semina submatura 8–11, usque ad 3 \times 2 \times 1,5 mm, laevia. — T y p u s: *McPherson 6592* (L; iso P), Mt Panié.

Zygogynum tieghemii Vink

subsp. *thulium* Vink, *subsp. nov.*

Petoli 0,5–2,5 cm longi. Laminae foliorum obovatae ad obovato-lanceolatae, 3–16,5 \times 1–4 cm. Inflorescentiae partiales (1–) 2–6-florae pedicellis circiter aequilongis. Petala 4, discreta. Stamina 8–13 connectivis non productis. Carpella 1 vel 2 (vel 3), discreta. — T y p u s: *McPherson 5947* (MO; iso L), Mt Mandjéla.