

2a. *Tasmania xerophila* subsp. *xerophila*

HETEROTYPIC (INFORMAL) SYNONYM: *Drimys piperita* Hook. f. 'entity 39. *xerophila*' Vickery, *Blumea* 18: 349 (1970).

MISAPPLIED NAME: *Drimys aromatica* sensu P.Parm. *Bull. Sci. France Belgique* 27: 298 (1896), non (R.Br. ex DC.) F.Muell. SPECIMEN EXAMINED: Australian Alps, Victoria/New South Wales, *C. Walter s.n.* (P) (see Willis 1957, p. 189).

Small shrub to 2.5 m high. *Leaves* (2–)3–9 cm long, 7–17 mm wide. *Flowers* 1–16 per inflorescence. *Female flowers* with carpels 2–6 (rarely to 11) and ovules 2–9 per carpel. (Fig. 12b)

SPECIMENS COLLECTED DURING STUDY

Victoria — Mt Buffalo NP, alt. 1400 m, *R.E. Raleigh* 1–10, 78–80, 86; Delegate R., Gunmark Rd, *R.E. Raleigh* 12, 14–16, 96; Frosty Hollow, Errinundra NP, alt. 970–1000 m, *R.E. Raleigh* 29–38, 98–102; Falls Creek, alt. 1700 m, *N.G. Walsh* 3288, 3289; Chinamans Flat beside Hutchinsons Creek, alt. 880 m, *K.E. Wilson* 320.

New South Wales — Mt Selwyn, alt. 1300 m, *R.E. Raleigh* 72–77; 1 km SW Tumut Pond, alt. 1300 m, *R.E. Raleigh* 81–84; Beside road, 10 km from Cabramurra, *R.E. Raleigh* 85; Thredbo R. near Thredbo village, Mt Kosciusko, alt. 1250 m, *P.Y. Ladiges* 1422–1425; Dead Horse Gap, Mt Kosciusko, alt. 1500 m, *P.Y. Ladiges* 1426–1428; Alpine Way, 2 km WSW Dead Horse Gap, Mt Kosciusko, alt. 1500 m, *P.Y. Ladiges* 1429–1431.

2b. *Tasmania xerophila* subsp. *robusta* Raleigh subsp. nov.

A varietate typica habitu altiore (2.5–4 m), foliis longioribus (7–14 cm) et latioribus (20–30 mm) differt.

TYPUS: Goonmirk Rocks, East Gippsland, Victoria, 8 Jan. 1992, *R. Raleigh* 103. HOLOTYPUS: MEL 2014065 (female plant); ISOTYPUS: MELU (female plant).

Shrub to small tree, 2.5–4 m tall. *Leaves* 7–14 cm long, 20–30 mm wide, with petioles 3.5–6 mm long. *Flowers* 5–8 per inflorescence. *Female flowers* with carpels 1–8, ovules 3–7 per carpel. (Fig. 12c)

SPECIMENS COLLECTED DURING STUDY

Victoria — Goonmirk Rocks, Errinundra NP, alt. 1100–1200 m, *R.E. Raleigh* 18–20, 25, 26, 26a, 27, 27a, 103–107; Mt Ellery, Errinundra NP, alt. 1291 m, *R.E. Raleigh* 39–44.

3. *Tasmania vickeriana* (A.C. Smith) A.C. Smith, *Taxon* 18: 287 (1969).

BASEONYM: *Drimys vickeriana* A.C. Smith, *J. Arnold Arb.* 24: 130 (1943). TYPE: Mt Mueller, Victoria, *Luehmann & French s.n.* (A).

HETEROTYPIC SYNONYMS: *Drimys xerophila* ['aromatica'] var. *alpina* F.Muell. ex P.Parm., *Bull. Sci. France Belgique* 27: 226, 300 (1896). TYPE: Baw Baw Ranges, Victoria, *F. Mueller s.n.* (P).

Drimys lanceolata var. *parvifolia* Vickery, *Proc. Linn. Soc. New South Wales* 62: 83 (1937). TYPE: Upper Yarra, Victoria, *Staer s.n.* (NSW).

Plants as for *T. xerophila*, but 0.5–1.2 m in height. *Leaves* compact, 0.8–2(–2.5) cm long, 2–6 mm broad, apex obtuse, veins obscured, petiole 1.5–3.5 mm long. *Flowers* 1–15 per inflorescence, pedicels 3–10 mm long. *Male flowers* with stamens 8–26, sterile carpels 1 (rarely 2). *Female flowers* with stamens absent, carpels 1–6, with 3–6 ovules. *Fruit* 1–3 (rarely 4) per pedicel, globose to short ovoid, 6–12 mm long, 6–10 mm broad, burgundy at maturity, flesh near skin pale burgundy, white towards centre; pedicels 4–11 mm long; seeds 2–5 per berry, 2–3 mm long, 1.5–2 mm broad, black; aborted ovules white. (Fig. 12d)

SPECIMENS COLLECTED DURING STUDY

Victoria — Mt Baw Baw: Edge of car park near Mt Baw Baw ski village, alt. 1563 m, *R.E. Raleigh* 90; 1 km below Mt Baw Baw ski village, alt. 1500 m, *R.E. Raleigh* 91–95; Mt Baw Baw ski village, alt. 1563 m, *R.E. Raleigh* 112; Mt Baw Baw ski village, alt. 1563 m, *P.Y. Ladiges* 1403–1412.



Fig. 12. Habit drawings $\times 0.65$, some with fruit. a — *T. lanceolata*, drawn from R.E. Raleigh 109 (MELU). b — *T. xerophila* subsp. *xerophila*, enlargement ($\times 4$) shows tuberculate stem surface; drawn from R.E. Raleigh 16 (MELU). c — *T. xerophila* subsp. *robusta*, drawn from holotype (MEL). d — *T. vickeriana*, drawn from R.E. Raleigh 91 (MELU).