

### Key to subgenera of *Paracaleana*

1. Leaf 3-12 cm long, 2-5 mm wide, linear; inflorescence multiflowered, 3-10 (rarely 1-2); pedicels to 5 mm long; lateral sepals upswept above horizontal or downswept; labellum with calli along entire upper surface, uniformly glossy black or proximal calli greenish yellow and distal calli black ..... **Paracaleana subg. Paracaleana**
- 1: Leaf 1-4 cm long, 3-11 mm wide, boat-shaped or cordiform; inflorescence solitary (rarely 2-flowered); pedicels to 20 mm long; lateral sepals downswept, vertical; labellum with calli usually in terminal half of upper surface (to 3/4ths of length in *P. nigrita*) ..... **Paracaleana subg. Tanychila**

### Key to species of *Paracaleana*

1. Leaf 3-12 cm long, 2-5 mm wide, linear; inflorescence multiflowered, 3-10 (rarely 1-2); pedicels to 5 mm long; lateral sepals upswept above horizontal or downswept; labellum with calli along entire upper surface, uniformly glossy black or proximal calli greenish yellow and distal calli black ..... 2
2. Leaf flat in cross-section; lateral sepals obliquely ascending; proximal calli greenish yellow and distal calli black ..... **Paracaleana lyonsii**
- 2: Leaf V-shaped in cross-section; lateral sepals obliquely descending; calli uniformly black ..... **Paracaleana minor**
- 1: Leaf 1-4 cm long, 3-11 mm wide, boat-shaped or cordiform; inflorescence solitary (rarely 2-flowered); pedicels to 20 mm long; lateral sepals downswept, vertical; labellum with calli usually in terminal half of upper surface (to 3/4ths of length in *P. nigrita*) ..... 3
3. Labellum lamina with calli along more than half its length ..... 4
- 3: Labellum lamina with calli confined to the apical third or less of its length ..... 5
4. Labellum lamina in side view humped and bent slightly below horizontal about half way towards the apex, column lacking a median dorsal ridge ..... **Paracaleana nigrita**
- 4: Labellum lamina flat in side-view, column usually with a median dorsal ridge ..... **Paracaleana hortiorum**
5. Labellum lamina covered in black glossy calli in the apical third ..... 6
- 5: Labellum lamina covered in black glossy calli in the apical fifth ..... 12
6. Labellum lamina with a hump two-thirds towards the apex in side view; lower Murchison River area. .... **Paracaleana alcockii**
- 6: Labellum lamina flat in side view; south and southeast from Arrowsmith River area ..... 7
7. Leaf narrowly boat-shaped or narrowly cordiform; labellum lamina from above 6-9 mm x 3-4 mm ..... 8
- 7: Leaf broadly boat-shaped; labellum lamina from above 8-14 mm x 4 (rarely 2.5)-7 mm ..... 9
8. Leaf narrowly boat-shaped; widespread in southwest Australia, South Australia and Victoria in seasonally wet sands away from granite outcrops ..... **Paracaleana disjuncta**

- 8:** Leaf narrowly cordiform; confined to granite outcrops in jarrah forest of southwest Australia ..... **Paracaleana gracilicordata**
- 9:** Scape 4-7 cm tall; labellum when set held obliquely below horizontal; confined to moss mats on granite outcrops ..... **Paracaleana granitica**
- 9:** Scape 6-18 cm tall; labellum when set held obliquely above horizontal; found on deep sandy or lateritic soils or shallow soils over lateritic or sandstone outcrops ..... **10**
- 10:** Leaf at anthesis fresh and turgid; flowering September- mid-October .. **Paracaleana triens**
- 10:** Leaf at anthesis withered; flowering late October- January ..... **11**
- 11:** Scape 6-12 (rarely to 17) cm tall; labellum lamina from above 8-12 mm long, broadly flask-shaped with a shortly projecting narrowly triangular neck-like obtuse apex ..... **Paracaleana brockmanii**
- 11:** Scape 13-18 cm tall. Labellum lamina from above 12-14 mm long, flask-shaped with a projecting slender neck-like parallel-sided and notched apex ..... **Paracaleana dixonii**
- 12:** Labellum lamina from above 8-10 mm x 4-4.5 mm; lower Murchison area ..... **Paracaleana terminalis**
- 12:** Labellum lamina from above 6-8 mm x 2.0-2.5 mm; east of Esperance area ..... **Paracaleana parvula**