



SHORT COMMUNICATION

Transfer of residual species and subspecies from *Angophora* and *Corymbia* to *Eucalyptus* (Myrtaceae)*Dean Nicolle*Currency Creek Arboretum, PO Box 808, Melrose Park, South Australia 5039
Email: dn@dn.com.au

Five new species combinations and eleven new new subspecies combinations (which in turn establish ten new subspecific autonyms) are here provided for the genus *Eucalyptus* L'Hér. These new combinations are necessary in order to use a single-genus concept of the eucalypts, which in my opinion is supported by the available evidence and provides the greatest taxonomic utility for workers dealing with this important group of plants. This is in contrast to the recent proposal to split *Corymbia* K.D.Hill & L.A.S.Johnson (Crisp *et al.* 2024).

Most species previously included in the genera *Angophora* Cav. and *Corymbia* already have validly published names available in *Eucalyptus*, either because they were placed in *Eucalyptus* prior to the publication of *Corymbia* (Hill & Johnson 1995) or because they were published by Brooker (2000) as part of his single-genus concept of the eucalypts.

The remaining new species and new subspecies combinations are provided below in alphabetical order. The subspecies combinations are followed by the corresponding newly-established autonyms, explicitly listed here in accordance with Recommendation 26B.1 of the *International Code of Nomenclature for algae, fungi, and plants* (Turland *et al.* 2018).

***Eucalyptus angustata* subsp. *crassifolia* (G.J.Leach)
D.Nicolle, *comb. nov.***

Basionym: *Angophora bakeri* subsp. *crassifolia* G.J.Leach, *Telopea* 2(6): 766 (1986).

≡ *Angophora crassifolia* (G.J.Leach) L.A.S.Johnson & K.D.Hill, *Telopea* 4(1): 38–39 (1990).

≡ *Eucalyptus crassifolia* (G.J.Leach) Brooker, *Austral. Syst. Bot.* 13(1): 136 (2000).

***Eucalyptus angustata* Brooker subsp. *angustata*
[autonym]*****Eucalyptus apocynifolia* subsp. *euryphylla*
(L.A.S.Johnson ex G.J.Leach) D.Nicolle, *comb. nov.***

Basionym: *Angophora costata* subsp. *euryphylla* L.A.S.Johnson ex G.J.Leach, *Telopea* 2(6): 759 (1986).

≡ *Angophora euryphylla* (L.A.S.Johnson ex G.J.Leach) L.A.S.Johnson & K.D.Hill, *Telopea* 4(1): 38 (1990).

≡ *Eucalyptus euryphylla* (L.A.S.Johnson ex G.J.Leach) Brooker, *Austral. Syst. Bot.* 13(1): 136 (2000).

***Eucalyptus apocynifolia* (Salisb.) Brooker subsp.
apocynifolia [autonym]*****Eucalyptus cadophora* subsp. *pliantha* (K.D.Hill &
L.A.S.Johnson) D.Nicolle, *comb. nov.***

Basionym: *Corymbia cadophora* subsp. *pliantha* K.D.Hill & L.A.S.Johnson, *Telopea* 6(2–3): 348 (1995).

***Eucalyptus cadophora* (K.D.Hill & L.A.S.Johnson)
Brooker subsp. *cadophora* [autonym]*****Eucalyptus chlorolampra* (K.D.Hill & L.A.S.Johnson)
D.Nicolle, *comb. nov.***

Basionym: *Corymbia chlorolampra* K.D.Hill & L.A.S.Johnson, *Telopea* 6(2–3): 238 (1995).

***Eucalyptus dendromerinx* (K.D.Hill & L.A.S.Johnson)
D.Nicolle, *comb. nov.***

Basionym: *Corymbia dendromerinx* K.D.Hill & L.A.S.Johnson, *Telopea* 6(2–3): 431 (1995).

***Eucalyptus deserticola* subsp. *mesogeotica* (K.D.Hill &
L.A.S.Johnson) D.Nicolle, *comb. nov.***

Basionym: *Corymbia deserticola* subsp. *mesogeotica* K.D.Hill & L.A.S.Johnson, *Telopea* 6(2–3): 368 (1995).

***Eucalyptus deserticola* D.J.Carr & S.G.M.Carr subsp.
deserticola [autonym]*****Eucalyptus disjuncta* (K.D.Hill & L.A.S.Johnson)
D.Nicolle, *comb. nov.***

Basionym: *Corymbia disjuncta* K.D.Hill & L.A.S.Johnson, *Telopea* 6(2–3): 423 (1995).

***Eucalyptus eremaea* subsp. *oligocarpa* (Blakely &
Jacobs) D.Nicolle, *comb. nov.***

Basionym: *Eucalyptus polycarpa* var. *oligocarpa* Blakely & Jacobs in Blakely, *Key Eucalypts*: 86 (1934).

≡ *Corymbia eremaea* subsp. *oligocarpa* (Blakely & Jacobs) K.D.Hill & L.A.S.Johnson, *Telopea* 6(2–3): 311 (1995).

***Eucalyptus eremaea* D.J.Carr & S.G.M.Carr subsp. *eremaea* [autonym]**

Eucalyptus ferruginea* subsp. *stypophylla* (K.D.Hill & L.A.S.Johnson) D.Nicolle, *comb. nov.

Basionym: *Corymbia ferruginea* subsp. *stypophylla* K.D.Hill & L.A.S.Johnson, *Telopea* 6(2–3): 343 (1995).

≡ *Eucalyptus stypophylla* (K.D.Hill & L.A.S.Johnson) Brooker & Kleinig, *Field Guide Eucalypts* Edn 2, 3: 372 (2004).

***Eucalyptus ferruginea* Schauer subsp. *ferruginea* [autonym]**

Eucalyptus grandifolia* subsp. *lamprocardia* (L.A.S.Johnson) D.Nicolle, *comb. nov.

Basionym: *Corymbia grandifolia* subsp. *lamprocardia* L.A.S.Johnson, *Telopea* 6(2–3): 461 (1995).

≡ *Blakella grandifolia* subsp. *lamprocardia* (L.A.S. Johnson) Crisp & L.G.Cook, *J. Syst. Evol.* <https://doi.org/10.1111/jse.13047>: 17 (2024).

Eucalyptus grandifolia* subsp. *longa* (L.A.S.Johnson) D.Nicolle, *comb. nov.

Basionym: *Corymbia grandifolia* subsp. *longa* L.A.S. Johnson, *Telopea* 6(2–3): 460 (1995).

≡ *Blakella grandifolia* subsp. *longa* (L.A.S. Johnson) Crisp & L.G.Cook, *J. Syst. Evol.* <https://doi.org/10.1111/jse.13047>: 17 (2024).

***Eucalyptus grandifolia* R.Br. ex Benth. subsp. *grandifolia* [autonym]**

Eucalyptus ligans* (K.D.Hill & L.A.S.Johnson) D.Nicolle, *comb. nov.

Basionym: *Corymbia ligans* K.D.Hill & L.A.S.Johnson, *Telopea* 6(2–3): 263 (1995).

Eucalyptus pauciseta* (K.D.Hill & L.A.S.Johnson) D.Nicolle, *comb. nov.

Basionym: *Corymbia pauciseta* K.D.Hill & L.A.S. Johnson, *Telopea* 6(2–3): 426 (1995).

Eucalyptus ptychocarpa* subsp. *aptycha* (K.D.Hill & L.A.S.Johnson) D.Nicolle, *comb. nov.

Basionym: *Corymbia ptychocarpa* subsp. *aptycha* K.D. Hill & L.A.S.Johnson, *Telopea* 6(2–3): 251 (1995).

***Eucalyptus ptychocarpa* F.Muell. subsp. *ptychocarpa* [autonym]**

Eucalyptus setosa* subsp. *pedicellaris* (K.D.Hill & L.A.S.Johnson) D.Nicolle, *comb. nov.

Basionym: *Corymbia setosa* subsp. *pedicellaris* K.D.Hill & L.A.S.Johnson, *Telopea* 6(2–3): 358 (1995).

***Eucalyptus setosa* Schauer subsp. *setosa* [autonym]**

Eucalyptus stockeri* subsp. *peninsularis* (K.D.Hill & L.A.S.Johnson) D.Nicolle, *comb. nov.

Basionym: *Corymbia hylandii* subsp. *peninsularis* K.D. Hill & L.A.S.Johnson, *Telopea* 6(2–3): 284 (1995).

≡ *Corymbia stockeri* subsp. *peninsularis* (K.D.Hill & L.A.S.Johnson) A.R.Bean, *Austrobaileya* 6(2): 345 (2002).

***Eucalyptus stockeri* D.J.Carr & S.G.M.Carr subsp. *stockeri* [autonym]**

Acknowledgements

I am again most grateful to Anna Monroe (Australian National Herbarium), for ongoing advice regarding nomenclature and the transfer of these names in particular, and to Jürgen Kellermann (State Herbarium of South Australia), for advice and assistance in the publication of this short communication. An anonymous reviewer provided welcome feedback.

References

- Brooker, M.I.H. (2000). A new classification of the genus *Eucalyptus* L'Hér. (Myrtaceae). *Australian Systematic Botany* 13(1): 79–148.
- Crisp, M.D., Minh, B.Q., Choi, B., Edwards, R.D., Hereward, J., Kulheim, C., Lin, Y.P., Meusemann, K., Thornhill, A.H., Toon, A. & Cook, L.G. (2024). Perianth evolution and implications for generic delimitation in the eucalypts (Myrtaceae), including the description of the new genus *Blakella*. *Journal of Systematics and Evolution*. <https://doi.org/10.1111/jse.13047> [online first].
- Hill, K.D. & Johnson, L.A.S. (1995). Systematic studies in the eucalypts 7. A revision of the bloodwoods, genus *Corymbia* (Myrtaceae). *Telopea* 6(2–3): 185–504.
- Turland, N.J., Wiersema, J.H., Barrie, F.R., Greuter, W., Hawksworth, D.L., Herendeen, P.S., Knapp, S., Kusber, W.-H., Li, D.-Z., Marhold, K., May, T.W., McNeill, J., Monroe, A.M., Prado, J., Price, M.J., Smith, G.F. (eds) (2018). *International Code of Nomenclature for algae, fungi, and plants (Shenzhen Code) adopted by the Nineteenth International Botanical Congress, Shenzhen, China, July 2017*. (Koeltz Botanical Books: Glashütten). [Regnum Vegetabile 159].



With the exception of images and other material protected by a trademark and subject to review by the Government of South Australia at all times, the content of this publications is licensed under the Creative Commons Attribution 4.0 Licence (<https://creativecommons.org/licenses/by/4.0/>). All other rights are reserved.
© 2024 Board of the Botanic Gardens and State Herbarium (Adelaide, South Australia)