

Lomaria discolor

COMMON NAME

crown fern, petipeti, piupiu

SYNONYMS

Stegania discolor (G.Forst.) A.Rich.; *Struthiopteris discolor* (G.Forst.) Ching; *Onoclea discolor* (G.Forst.) Sw.; *Osmunda discolor* G.Forst.; *Spicanta discolor* (G.Forst.) Kuntze; *Gymnopteris discolor* (G.Forst.) Bernh.; *Hemionitis discolor* (G.Forst.) Schkuhr; *Blechnum discolor* (G.Forst.) Keyserl.

FAMILY

Blechnaceae

AUTHORITY

Lomaria discolor (G.Forst.) Willd.

FLORA CATEGORY

Vascular – Native

ENDEMIC TAXON

Yes

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Ferns

NVS CODE

BLEDIS

CHROMOSOME NUMBER

2n = 56

CURRENT CONSERVATION STATUS

2017 | Not Threatened

PREVIOUS CONSERVATION STATUSES

2012 | Not Threatened

2009 | Not Threatened

2004 | Not Threatened

WETLAND PLANT INDICATOR STATUS RATING

FACU: Facultative Upland

Occasionally is a hydrophyte but usually occurs in uplands (non-wetlands).

FLOWER COLOURS

No flowers

ETYMOLOGY

discolor: Two colours or of different colours; from the latin dis and color; different colours of the leaf surfaces



Stokes Valley. Photographer: Jeremy R. Rolfe, Date taken: 25/12/2004, Licence: CC BY.



Crown fern. Photographer: Department of Conservation, Licence: Public domain.

TAXONOMIC INFORMATION

Perrie et al. (2014) advocated for a broadened circumscription of Blechnaceae whereby a number of genera traditionally recognised as distinct from *Blechnum* were merged within it. However, this view has not met with universal acceptance (see Gasper et al. 2016) and does not seem to be followed worldwide (PPG 2016). From a New Zealand perspective the decision to merge *Doodia* in *Blechnum*, and rejection of *Diploblechnum* has not been universally accepted either e.g., Wilcox & Warden (2017), and as such it is considered appropriate to follow world opinion and accept the taxonomy of Gasper et al. (2016) and recommendations of the PPG (2016).

REFERENCES AND FURTHER READING

- Gasper AL, de Oliveira Dittrich VA, Smith AR, Salino A. 2016. A classification for Blechnaceae (Polypodiales: Polypodiopsida): New genera, resurrected names, and combinations. *Phytotaxa* 275: 191–227. <https://doi.org/10.11646/phytotaxa.275.3.1>.
- Perrie LR, Wilson RK, Shepherd LD, Ohlsen DJ, Batty EL, Brownsey PJ, Bayly MJ. 2014. Molecular phylogenetics and generic taxonomy of Blechnaceae ferns. *Taxon* 63(4): 745–758. <https://doi.org/10.12705/634.13>.
- PPG 1: The Pteridophyte Phylogeny Group 2016. A community-derived classification for extant lycophytes and ferns. *Journal of Systematics and Evolution* 54: 563–603. <https://doi.org/10.1111/jse.12229>.
- Wilcox M, Warden J. 2017. Botany of Hillsborough coast bush reserves, Manukau Harbour, Auckland. *Auckland Botanical Society Journal* 72: 32–46.

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/lomaria-discolor/>