Diploblechnum fraseri

SYNONYMS
Struthiopteris fraseri (A.Cunn.) Ching; Lomaria fraseri A.Cunn.; Spicanta fraseri (A.Cunn.) Kuntze; Blechnum fraseri (A.Cunn.) Luerss.

FAMILY
Blechnaceae

AUTHORITY
Diploblechnum fraseri (A.Cunn.) De Vol

FLORA CATEGORY
Vascular – Native

ENDEMIC TAXON
No

ENDEMIC GENUS
No

ENDEMIC FAMILY
No

STRUCTURAL CLASS
Ferns

NVS CODE
BLEFRA

CHROMOSOME NUMBER
2n = 56

CURRENT CONSERVATION STATUS
2017 | Not Threatened | Qualifiers: SO

PREVIOUS CONSERVATION STATUSES
2012 | Not Threatened
2009 | Not Threatened
2004 | Not Threatened

DISTRIBUTION
Inidgenous. New Zealand: North Island (from Te Paki to near Mokau), and South Island (North-west Nelson). Also Malesia and Taiwan.

FLOWER COLOURS
No flowers

PROPAGATION TECHNIQUE
Can be grown from spores, Difficult to establish but once established grows easily. This is a very attractive fern for a well drained, moist soil. It does best in dappled light.

Bream Head. Nov 2007. Photographer: A. J. Townsend, Licence: CC BY-NC.

Bream Head. Nov 2007. Photographer: A. J. Townsend, Licence: CC BY-NC.

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/diploblechnum-fraseri/