

Hymenophyllum nephrophyllum

COMMON NAME

kidney fern, konehu, kopakopa, raurenga

SYNONYMS

Trichomanes reniforme G.Forst.; *Cardiomanes reniforme* (G.Forst.) C.Presl

FAMILY

Hymenophyllaceae

AUTHORITY

Hymenophyllum nephrophyllum Ebihara et K.Iwats.

FLORA CATEGORY

Vascular – Native

ENDEMIC TAXON

Yes

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Ferns

NVS CODE

CARREN

CHROMOSOME NUMBER

2n = 72

CURRENT CONSERVATION STATUS

2017 | Not Threatened

PREVIOUS CONSERVATION STATUSES

2012 | Not Threatened

2009 | Not Threatened

2004 | Not Threatened

DISTRIBUTION

Endemic. New Zealand: North Island, South Island, Stewart Island/Rakiura, Chatham Islands.

HABITAT

Coastal to montane, usually in dense forest but also found on boulders, rock falls, cliff faces and in some shrub land, and early stage successional forest, rarely in pine plantations.

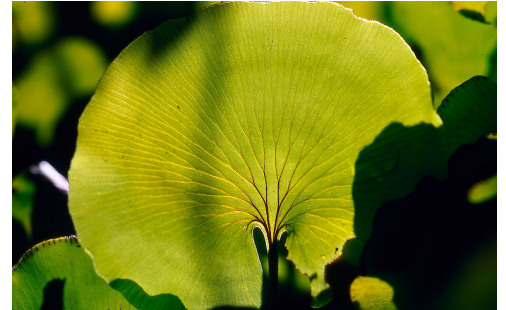
WETLAND PLANT INDICATOR STATUS RATING

UPL: Obligate Upland

Rarely is a hydrophyte, almost always in uplands (non-wetlands).

DETAILED DESCRIPTION

Terrestrial or epiphytic fern forming extensive, interwoven creeping patches, **Rhizomes** long-creeping, much branched and/or interwoven. **Stipes** 50–250 mm long, very brittle, margins prominently winged. **Fronde**s bright yellow-green to dark green, glossy. **Laminae** 30–100–(120) × 40–130 mm, reniform to almost orbicular, entire (not divided), venation conspicuous. **Sori** crowded along lamina margin, slightly sunken into lamina. **Indusia** cupular, not widened at mouth, receptacle exserted.



Mt Maunganui, Paraparaumu. Photographer: Jeremy R. Rolfe, Date taken: 14/05/1994, Licence: CC BY.



Eastbourne hills. Photographer: Jeremy R. Rolfe, Date taken: 30/09/1984, Licence: CC BY.

SIMILAR TAXA

None

PROPAGATION TECHNIQUE

Difficult—should not be removed from the wild

ETYMOLOGY

hymenophyllum: Membranous leaf, from the Greek humen and phullon

WHERE TO BUY

Not commercially available

ATTRIBUTION

Fact sheet prepared for NZPCN by P.J. de Lange (20 April 2011). Description adapted from Brownsey & Smith-Dodsworth (2000).

REFERENCES AND FURTHER READING

Brownsey PJ, Smith-Dodsworth JC. 2000. New Zealand Ferns and Allied Plants. David Bateman, Auckland, NZ. 168 p.

NZPCN FACT SHEET CITATION

Please cite as: de Lange, P.J. (Year at time of access): Hymenophyllum nephrophyllum Fact Sheet (content continuously updated). New Zealand Plant Conservation Network.

<https://www.nzpcn.org.nz/flora/species/hymenophyllum-nephrophyllum/> (Date website was queried)

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/hymenophyllum-nephrophyllum/>