

# 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

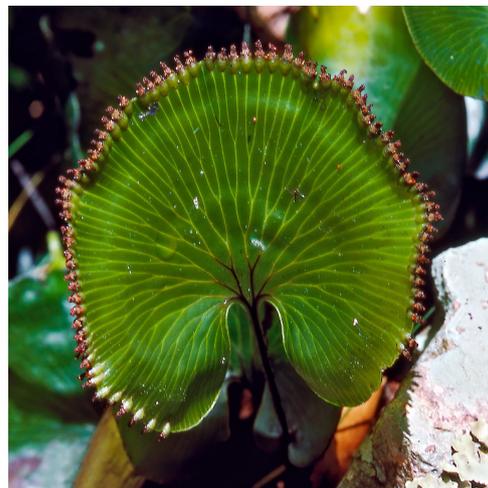
Rarely is a hydrophyte, almost always in uplands (non-wetlands).

## 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. **FronDS** 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 exerted.



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/>