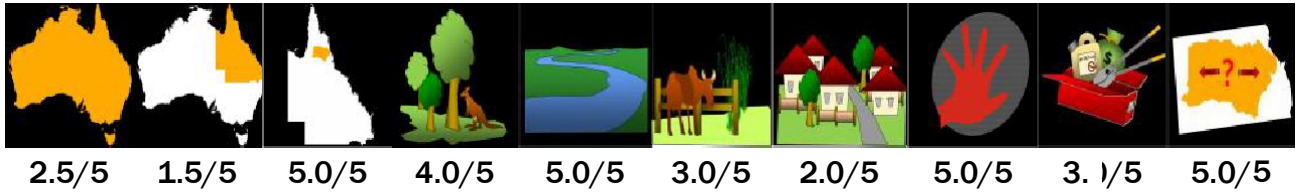


# Hymenachne amplexicaulis (Hymenachne)



## Priority



## Details

**Description:** A robust, upright perennial aquatic grass 1-2 metres with distinctive stem clasping leaves. Flowers and seeds are held on dense spikes at ends of stems. Stems are pithy inside and are able to float. An aquatic grass which develops roots at each node. The native hymenachne (*H. acutigluma*) is more slender, has reddish nodes, the leaves do not clasp around the stem and are held more upright.

**Distribution:** Currently locally abundant in several areas of the Endeavour Catchment south to Bloomfield River. An isolated outbreak in Rinyirru is under an active eradication program across several lagoons and wetlands.

**Impacts:** Hymenachne blocks drainage systems in farms. It readily invades and outcompetes native plants in wetlands and waterways. Prevents fish passage and breeding opportunity for key species like Barramundi. Hymenachne can also impede boat access and potentially damage infrastructure like bridges and weirs.

**Key projects:** Queensland Parks and Wildlife is currently managing a series of isolated outbreaks in the wetlands of Rinyirru. Report any suspected detections in the Rinyirru area to QPWS or Cook Shire Council on 07 4069 5444.

## Management requirements

### Delimitation

Survey is required to establish the distribution of Olive hymenachne across other localities in the Cook Shire area. Points of introduction are most likely to be on water courses or dams in grazing areas.

### Prevention

Olive hymenachne seed can be spread via vehicles, machinery and stock. Waterways and dams should be monitored in growing season to detect any new outbreaks. Stock should be spelled for 7 days prior to being released to drop any ingested seed. Clean down boats and watercraft prior to moving between regions, particularly lowland rivers of the Wet Tropics where hymenachne can be abundant.

### Eradication

Isolated outbreaks in the wetlands of Rinyirru are the target of an eradication program. Observe management signage and report any suspect plants to QPWS.

### Intensive control

Isolated outbreaks in the Normanby and Hann catchment require removal to prevent spread downstream into Rinyirru. Localised surveys around known locations are required to ensure full distribution is known.

### Asset protection

Management in the Endeavour and Annan Rivers is targeted toward protecting key assets, reducing spread to new areas and reducing impacts

## Control Calendar

flower	●	●	○	○	●	●	●	○	○	●	●	●
seed	●	●	●	●	○	●	●	●	○	○	●	●
spray	○	○	○	○	○	○	○	○	○	○	○	○
mechanical	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
burn							●	○	○	○	○	○
	J	F	M	A	M	J	J	A	S	O	N	D
Biology		●		●	●			○			⊗	⊗
		Peak		First/last	Good			Occasional			n/a	⊗
Control		Optimal		Good				Marginal			Not recommended	



Native hymenachne



aquatic

grass

perennial

Category

2

3

4

5

6

Control



Spread



## What is my biosecurity obligation?

Delimitation zone
Prevention zone
Eradication zone
Intensive control zone
Asset protection zone

It is an offence under the Biosecurity Act to move, share, give away or sell this plant. Ensure any machinery or vehicles moving from the infested areas are free from plant material and soil. Maintain weed free areas. Assist in annual survey operations. Control, plants before they set seed. Report any suspected outbreaks or detections to Cook Shire Council on 07 4069 5444.

Check along water courses and in farm dams/wetlands for new outbreaks. Report any suspected outbreaks or detections to Cook Shire Council on 07 4069 5444.

Protect key assets and reduce spread to new areas

For more information on management aims in each zone refer to *Using the pest plan templates*