

Map Unit: 1D(ii) *Ceriops australis* low shrubland



Figure 1. Map Unit: 1D(ii) *Ceriops australis* low shrubland

Description: This community is 1-2 m tall with the mid-dense canopy dominated by *Ceriops tagal* and with *Avicennia marina* subsp. *australasica* commonly being present as an emergent up to 5-6 m tall. A ground layer is usually absent but when present consists of a sparse layer of *Ceriops australis* seedlings.

Structural Formation Range: low open-scrub (26%), low shrubland (62%), low open-shrubland (12%).

Basal Area Estimate m^2ha^{-1} : mean 5.5; range 0.0-14.0.

Ceriops australis ($4.4 \text{ m}^2\text{ha}^{-1}$), *Avicennia marina* subsp. *australasica* ($1.0 \text{ m}^2\text{ha}^{-1}$), *Bruguiera gymnorhiza* ($0.1 \text{ m}^2\text{ha}^{-1}$).

Emergent Layer

Height: mean 4.3 m; range: 2.0-8.0 m.

Crown Cover: mean 6.5%; range: 2.0-10.0.

Frequent species: *Avicennia marina* subsp. *australasica* (87%).

Shrub Layer

Height: mean 1.2 m; range: 0.5-3.0 m.

Crown Cover: mean 47.1%; range: 5.0-74.0.

Frequent species: *Ceriops australis* (100%), *Bruguiera gymnorhiza* (25%), *Avicennia marina* subsp. *australasica* (12%), *Rhizophora stylosa* (12%).

Ground Layer

Height: mean 0.2 m; range: 0.1-0.3 m.

Crown Cover: mean 1.0%; range: 1.0-1.0.

Frequent species: *Ceriops australis* (25%), *Avicennia marina* subsp. *australasica* (12%).

Total species recorded: 7. **Mean species per site:** 3 with a standard deviation of 1.

Ecological Notes:

This community occurs in areas high on the tidal plane, often on yellow clay soils. It usually occurs in areas slightly lower on the tidal plane than map unit 1D(i).

Map Unit: 1D(ii) statistics and distribution maps**1D(ii) *Ceriops australis* low shrubland**

Table1. Area of *Ceriops australis* low open-scrub, low shrubland, low open-shrubland (1D(ii)).

Vegetation Type, ha	1955	1997	2012	2016	2020	2021
1D(ii)	477	362	360	347	347	348

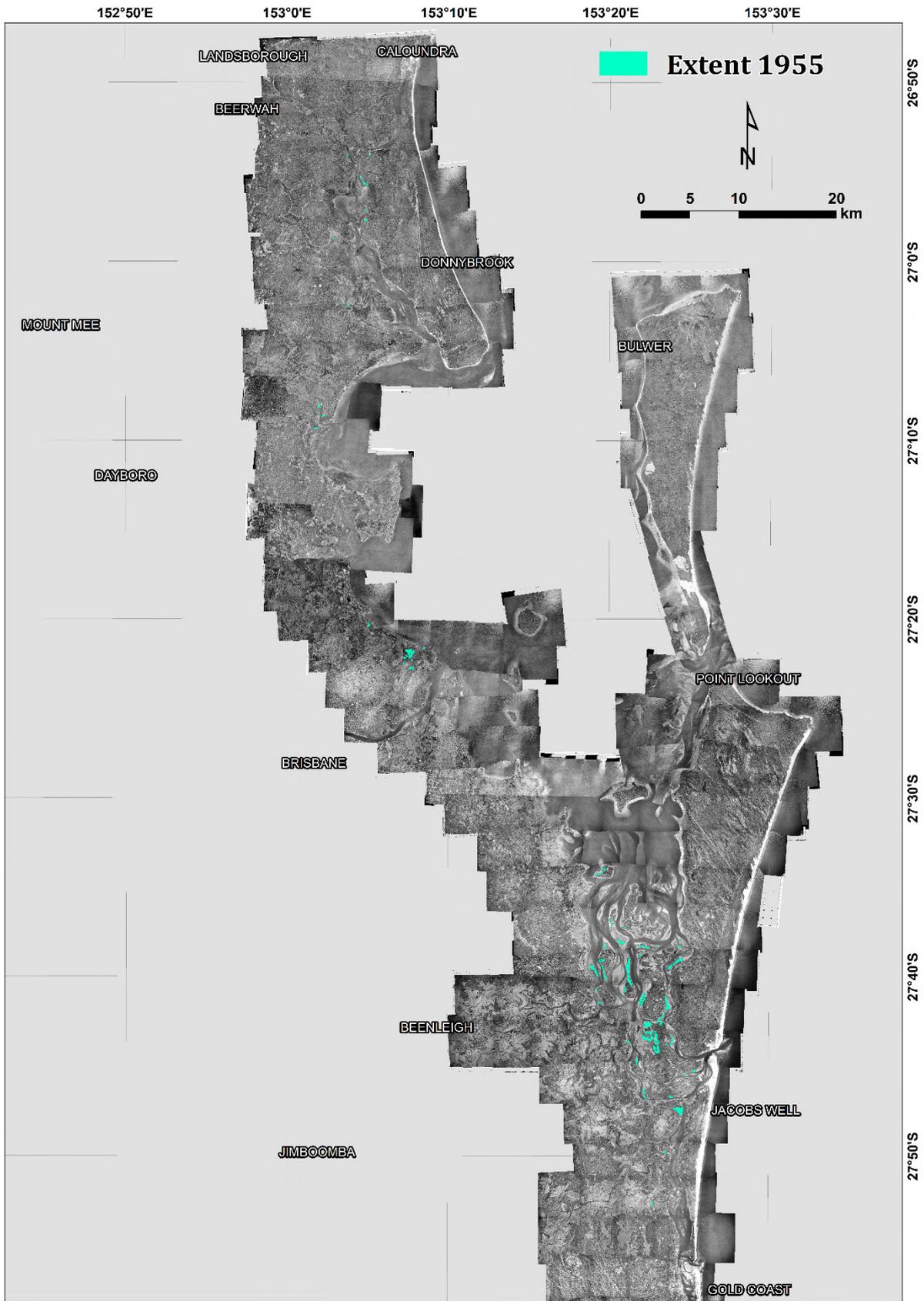


Figure 2. Extent 1955 of *Ceriops australis* low open-scrub, low shrubland, low open-shrubland (1D(ii)).

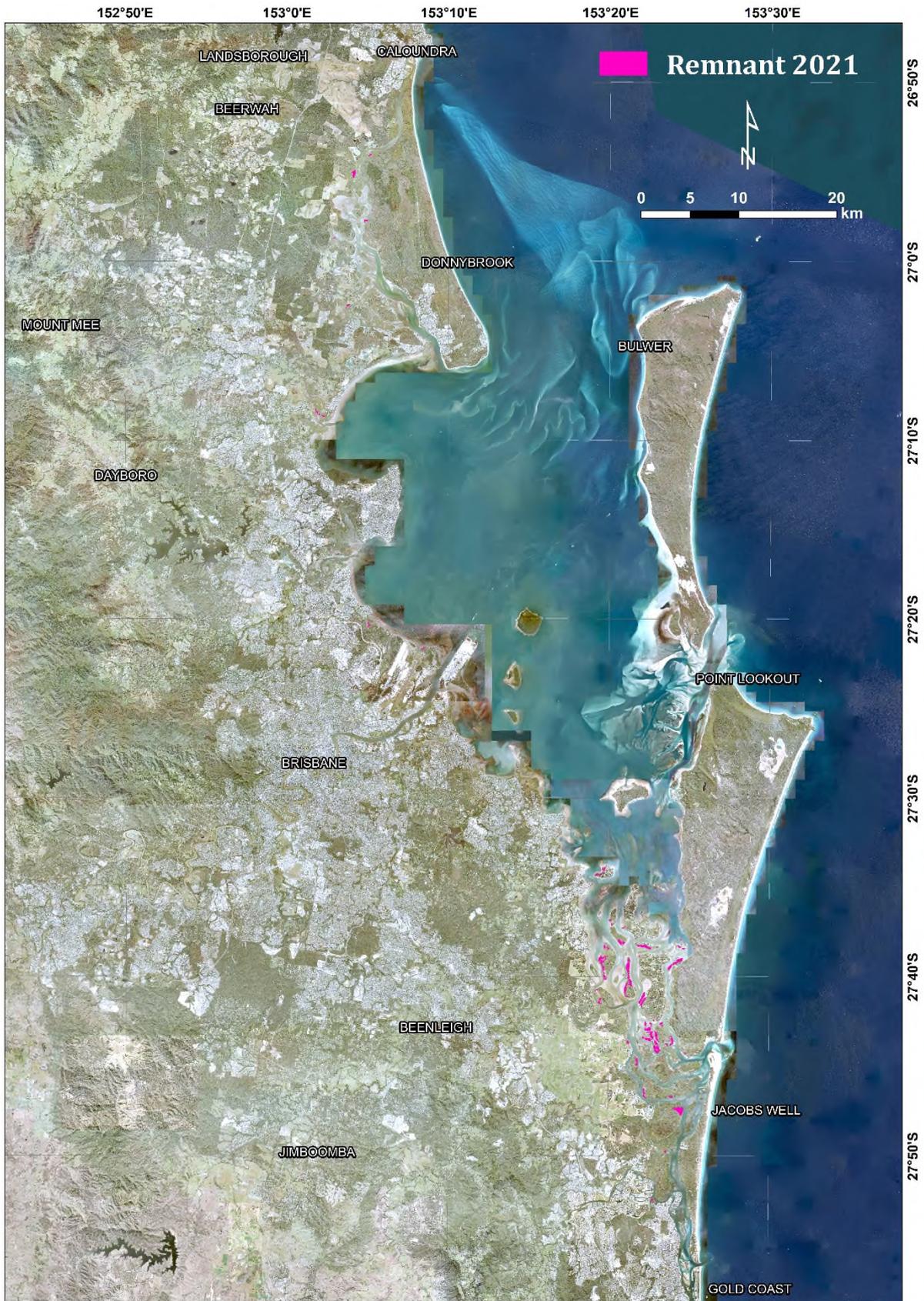


Figure 3. Remnant 2021 extent of *Ceriops australis* low open-scrub, low shrubland, low open-shrubland (1D(ii)).



Figure 4. Change in extent between 1955 and 2021 of *Ceriops australis* low open-scrub, low shrubland, low open-shrubland (1D(ii)).