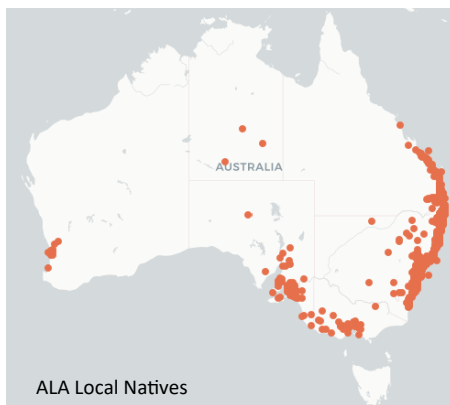


**Casuarinaceae**  
**Casuarina glauca**  
 swamp she-oak



Peter de Lange



ALA Local Natives



Russell Barrett

Ann Moran  
 Field Botanist



Russell Barrett – male flower

**ETYMOLOGY**

(caz-yoo-a-REE-na) Latin casuarinus cassowary-like resemble the feathers; The greek species glaucos (GLAW-cah) bluish lustre; silvery, bluish green; refers to branches;

**LIFEFORM**

Tree 10-20 m x 3 m Spread

**STATUS**

Widespread in saline Areas; Northern Limit Yeppoon Qld south to Bermagui NSW;

Longevity:100-200 years; Associated *Melaleuca quinquenervia*;

**OCCURS**

Gladstone Qld to Kemps Ck N P NSW, Vic, SA, WA (Pacific Islands)

**HABITAT**

Coastal Swamp/Wetland, Saltmarsh mangroves

**LEAVES**

Whorls in 12-16, dull grey green, 30 cm, calodes 9-16 teeth with long coarse erect

**FLOWERS**

Dioecious, forms dense red brown spikes at the tips of the branches female are grouped alternately along the branches; wind-pollinated; **Flowering times:** July, Aug, Sept, Oct

**FRUIT**

Cones, 8-20mm, short cylindrical woody, brown or greyish, retained on tree containing 100-1000 winged seeds; mean seed weight 0.58 mg, mean number of seeds per kg 1,760,000; seed viability 62% pre storage, 48% viability after 14 years **Fruiting times:** June, July, Aug, Sept

**BARK**

Hard rough grey to light black slightly tessellated persistent over trunk contains tannic; Bark hosts many epiphytic orchid *Dendrobium teretifolium*, ferns, lichen and hornworts

**STEM**

Single stemmed and upright with relatively thick branchlets;

**ETHNOBOTANY**

Fodder; Used extensively in horticultural and landscape plantings where it provides good growth on a variety of soils; Windbreak Shelter, supplement fodder. Timber red with brown flecks used for handles, rails, stakes, flooring, carving, turnery and firewood, fuel.

**ROOTS**

Root suckers arise spontaneously around the parent tree;

**TOLERANCE**

Water inundation, Floods and Drought tolerant, Fire adaptive Spread by suckers.

**INSECTS**

*Eurynassa australis* (longicorn beetle), *Pernattia pusilla* (sheoak moth), *Bathylus albicinctus*, Cicada (Tamasa tristigma) *Rhyparida limbatipennis* (Brown swarming Leaf beetle)

**MISTLETOES**

*Amyema cambagei*, *Dendrophthoe vitellina*, *Lysiana maritima* eaten by Mistletoe birds

**BIRD**

red headed finch, peaceful doves (seeds), rainbow lorikeet (flower)

**BUTTERFLY**

*Acrodipsas brisbanensis* mangrove ant-blue

**INDIGENOUS USES**

Beetle larvae inside bark used for food; Canoes made of bark stripped from trees;

**COMMENTS**

*Notothixos subaureus* host on *Amyema cambagei* on *Casuarina glauca*; Pollen used by bees to feed their larvae; Root Inoculation with ectomycorrhiza (*Frankia* sp) improves growth

**ID FEATURE**

Teeth 12-36; Leaves smooth, flat or slightly rounded + Cone body 7-10 mm, Cone bracteoles 2-2.5 mm wide thin, broadly acute, with 1 obvious striation + Fruit (Samara) 3.5-5 mm

