

## Personal Profile

Gemma Horner completed a Bachelor of Science with majors in Ecology and Conservation at James Cook University in Cairns in 2014. As part of her degree, Gemma undertook an undergraduate research project studying the effect of water-limitation on seedling germinants in tropical forest restoration plots. Her findings were exhibited at the Association of Tropical Biology Conference in Cairns, in July 2014.

Gemma regularly undertakes botanical surveys throughout far north Queensland and is a Suitably Qualified Person under the *Nature Conservation Act 1992*, which allows her to lead detailed field surveys in search for threatened plants. Ms Horner has an excellent knowledge of flora species in the region and has experience in undertaking comprehensive ecological assessments.

Gemma is a keen student of tropical botany and continuously aims to expand her knowledge of local tropical flora. She is actively involved in local botanical groups and continues to increase her botanical knowledge through travelling and exploring the natural environments of Far North Queensland.

## Education / Qualifications

Bachelor of Science (Ecology and Conservation) James Cook University, Cairns	2011 - 2014
Certificate III (Conservation and Land Management) TAFE NSW, North Ryde	2010
Suitably Qualified Person under the <i>Nature Conservation Act 1992</i> .	2016 - current

## Relevant Certifications

Senior First Aid and CPR Certificate  
Working Safely at Heights – Statement of Attainment  
Ergon – Working near powerlines  
Construction White Card

## Employment

Environmental Scientist	2012 - current
Biotropica Australia, Tarzali, Atherton Tablelands, Queensland, Australia	
Bush Regenerator	2010 - 2011
Bush-It Pty Ltd, Annandale, New South Wales, Australia	

## Key Projects

- **Client:** Diatreme Resources (January 2019)  
**Project:** Wet season flora component of EIS for proposed Galalar Sand Mine, Cape Bedford, North Queensland
  
- **Client:** Environment North Pty Ltd on behalf of the Douglas Shire Council (November 2018)  
**Project:** Woobadda River Landslip, ecological assessment, including the development of project weed management and restoration plans, north of Cape Tribulation, North Queensland
  
- **Client:** Environment North Pty Ltd on behalf of the Department of Transport and Main Roads (October 2018)  
**Project:** Townsville South Road Capacity Upgrade, Ecological Assessment, Townsville
  
- **Client:** Jacobs Group Australia (2018)  
**Project:** Bruce Highway Safety Upgrades Ecological Assessments
  
- **Client:** Tablelands Regional Council (2017-2018)  
**Project:** Wild River Dam, Herberton Protected Plant Survey
  
- **Client:** Department of Transport and Main Roads (2017)  
**Project:** Burke Developmental Road Resource Areas, Vegetation Surveys, Cape York Peninsula, North Queensland
  
- **Client:** NQ Dry Tropics (2017)  
**Project:** Upper Burdekin Rangelands Biocondition Assessments
  
- **Client:** Urbansync (2017)

**Project:** Cairns area Biocondition Assessment for Offsets

- **Client:** Golder Associates on behalf of Queensland Rail (2016)

**Project:** Kuranda Scenic Railway Ecological Survey

- **Client:** Flanagan Consulting Group, Australia (2016)

**Project:** Cairns Shipping Development Project EIS, East Trinity and Northern Sands

- **Client:** Flanagan Consulting Group, Australia (2013–2015)

**Project:** Aquis Resort at the Great Barrier Reef Mangrove Monitoring

- **Client:** Queensland Department of Transport and Main Roads (2016-2017)

**Project:** Environmental Management Plans – North Queensland

- **Client:** Department of Transport and Main Roads (2015-2016)

**Project:** *Cajanus mareebensis* De-listing Project; Botanical surveys across Cape York as a component of documentation to prepare the *Cajanus mareebensis* De-listing Submission

- **Client:** Department of Transport and Main Roads (2015-2016)

**Project:** *Cajanus mareebensis* Translocation Project; Co-ordinating translocation of the State and Commonwealth listed legume *Cajanus mareebensis* (Endangered) at Musgrave/Kitja RA and assisting with translocation at the Lochinvar RA

- **Client:** Department of Transport and Main Roads (2015-2016)

**Project:** PDR Water Storages; Botanical survey of proposed dam sites on the PDR south of Weipa

- **Client:** Department of Transport and Main Roads (2015-2016)

**Project:** Bruce Highway Flora Survey; Botanical survey of sections of the Bruce Highway within Flora Trigger Survey areas

- **Client:** ExxonMobil Corporation, Papua New Guinea (2012)

**Project:** PNG LNG Project – Weed Identification Manual

### Publications

Page, T., Horner, G., Murphy, M and Mizrahi, M. (2013) Landowner priority trees for planting and their field identification in YUS LLG, Huon Peninsula, PNG. Report for the TKCP Project, James Cook University, Cairns