

## Personal Profile

Gemma has almost 10 years of experience working throughout far north Queensland and has an excellent knowledge of flora species in the region. Prior to this Gemma worked in landscape restoration in New South Wales where she obtained a practical knowledge of a variety of on-ground works and recognises the importance of implementing quality post-disturbance management.

Ms Horner completed a Bachelor of Science with majors in Ecology and Conservation at James Cook University in Cairns in 2014 and is currently undertaking a post-graduate research project through James Cook University, investigating non-indigenous perspectives in community-based Landcare in Australia.

Gemma regularly undertakes field 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. She has experience in threatened species management and planning, environmental impact assessment, flora and fauna assessments, weed assessments and management, environmental assessment, rehabilitation, ecological monitoring, BioCondition assessments and more. Gemma also has an excellent understanding of statutory and policy frameworks at the local, state and national level.

During her career Gemma has worked extensively in the Wet Tropics and Cape York Peninsula regions as well as throughout central and northern Queensland and Papua New Guinea.

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

Senior Environmental Scientist	2021 - current
Biotropica Australia, Tarzali, Atherton Tablelands, Queensland, Australia	
Environmental Scientist	2012 - 2021
Biotropica Australia, Tarzali, Atherton Tablelands, Queensland, Australia	
Bush regenerator	2010 - 2011
Bush-It Pty Ltd, Annandale, New South Wales, Australia	

## Key Projects

- **Client:** Queensland Rail (July 2021)  
**Project:** Kuranda Scenic Railway Biodiversity Assessments (including threatened flora and fauna assessments, weed surveys and constraints assessments) for activities relating to maintenance within the Wet Tropics World Heritage Area.
- **Client:** Diatreme Resources (January 2019– Current)  
**Project:** Wet and dry 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 a protected plant survey, fauna habitat assessment and the development of a weed management plan and restoration plan, 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, Ecological Assessment (incl. assisting fauna survey), 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 (incl. habitat assessments)
  
- **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:** ExxonMobil Corporation, Papua New Guinea (2012)

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

## Publications

Tng, D.Y.P., Horner, G., Bovini, M.G. (2021) A South American in Australia: *Wissadula contracta* (Malvaceae), a distinctive adventive shrub. *North Queensland Naturalist* 51: 62-66.

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