

PRESENTATIONS AND ACTIVITIES DESIGNED FOR YOUR CLASSROOM, CORPORATION OR COMMUNITY GROUP.

# NATIVE PLANT EDUCATION PACKAGES





### **PACKAGE OVERVIEW**

Learn about the role native plants play in addressing Climate Change, creating habitat and enhancing biodiversity

- » In-school educational and interactive scientific presentations for Transition Year 12.
- » Engaging and fun outdoor activities, with local Top End context.
- » Meet a 'real life' NT Botanist & Vegetation Scientist and inspire women in STEM.
- » Overcome 'plant blindness', to see the trees IN the forest – not JUST the forest!

Delivered by Dr Donna Lewis, Top End Vegetation Scientist, Botanist and STEM Women Global Network Expert

### **SESSIONS AVAILABLE**

Native Plant, Vegetation & Biodiversity Education for Primary, Middle and Senior Schools

#### **Transition**

» Leaf and Plant Discovery; a fun interactive introduction

## **Primary**

- » Plant Identification and Classification
- » Recognising and Collecting Different Plant Characters

#### Middle/Senior

- » Understanding Wattles; our vegetation pioneers
- » Flora and Vegetation; field attributes and classification
- » Preserving our Unique Top End Ecosystems; understanding the role of plants & vegetation

#### **Educators**

» Teach the Teacher; citizen science and Top End native flora



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### **LEARNING AREAS**

## Tailored to T-10 Australian Science & STEM Curriculum V 9.0 and NTCET

- » Identify, plan and apply elements of scientific investigations.
- » Make predictions, record observations. Measure and control variables.
- » Conduct field work and laboratory experimentation to collect reliable data.
- » Represent, sort, compare, analyse and identify data, patterns, trends and relationships.
- » Communicate ideas, findings and evidence using scientific language and representations.
- » Summarise data and draw conclusions based on evidence.

### **GENERAL CAPABILITIES**

Tailored to T-10 Australian Science & STEM Curriculum V 9.0 and NTCET

- » Literacy
- » Numeracy
- » Intercultural Understanding
- » Critical and Creative Thinking
- » Information and Communication Technology (ICT) Capability

Also available for Community
Organisations, NGO's and Not for Profits

- » Identify Native Plants & Vegetation Types
- » Making the Most of Citizen Science.





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"We really appreciated how you were able to tailor your presentation to clearly connect to our curriculum topic on Biodiversity and Ecosystem Dynamics. Your presentation included many facets of biodiversity including; careers and field work, taxonomy, the value of biodiversity and how this feeds into policy. Students were exposed to a lot of content that was new to them and it certainly 'opened their eyes' and allowed them to see the application and importance of the theory explored in class"

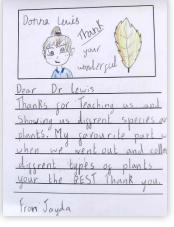
**Darwin Science teacher** 

"Thank you for collecting fresh Acacia specimens for the students to examine. This practical activity was engaging and allowed for questions, clarification and exploration. Being able to see, feel and examine these specimens connected the theory and presentation to real world biodiversity - some of the unique characteristics and adaptations of the specimens were a hit!"

Darwin Biology teacher

"The topics that were discussed in the presentation were interesting and insightful to the topics of biodiversity. It showcased different strategies and techniques used to identify different plants and organisms out in the wild. It also touched upon the structure of different types of plants and how they differ from each other." Year 11 Student





"I really enjoyed that. It interested me lots. I was thinking of doing something like that after school. It's an amazing job and I learnt loads when she was here" Year 11 Student

"I think that the topics we learnt were interesting and it was cool to learn about things such as how acacias don't actually have leaves!"

Year 11 Student





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