

Binna Burra Lodge in the world heritage listed Lamington National Park, Australia is a researcher friendly location. We provide a unique location for study in a range of biological, physical and social sciences.

‘Supports Research Program’

BINNABURRALODGE

LAMINGTON NATIONAL PARK | QUEENSLAND | AUSTRALIA

In the World Heritage Listed - Gondwana Rainforests of Australia



Our world depends on fungi !



"Plants might be the lungs of the ecosystem/rainforest, but fungi make up the circulatory/supply system providing nutrients to plants and taking away waste materials to recycle into more nutrients. Without this circulatory system rainforests cannot exist."



Dr Diana Leemon,
Principal Research Scientist
Department of Agriculture
and Fisheries, Queensland.

LNHA guest speaker @ Binna Burra Lodge,
March 2018



Fungi rainforest species,
Lamington National Park



Cup fungus *Jafneadelphus ferrugineus*
Lamington National Park

Background:

Since its inception in 1933, Binna Burra Lodge has always had a strong relationship with many Universities and other research institutions from Australia and around the world. Educational group tours for primary, secondary and tertiary level students are a common occurrence at Binna Burra, as well as providing a location for a range of undergraduate, post-graduate and professional research activities.

Specialist researchers can cover a wide range of topics from the physical sciences (physics, astronomy, chemistry, geology, metallurgy), the biological sciences (zoology, botany, genetics, paleontology, molecular biology, physiology), and the social sciences (psychology, sociology, anthropology, history, economics, tourism). Researchers interested in a wide range of topics can use Binna Burra for their field work, such as national park management, fungi, orchids, wildlife, climate change impacts on rainforests, migratory birds, atmospheric experiments, astrology, human interactions with nature, sustainable development, visitor management, interpretive experiences, indexes for happiness, volunteerism, ecotourism certification and sustainable tourism indicators. We also encourage early career and more experienced researchers to contribute expert presentations to our guests.

Essentially, the 'Support Research Program' encourages and facilitates scholarly research into any topic which has a relationship to the natural, cultural and heritage landscape of Binna Burra Lodge, located within the world heritage listed Lamington National Park.

The aims of the Program are:

- 1) Convey a message to universities and other research bodies that Binna Burra is a 'researcher friendly' enterprise and location
 - 2) To provide opportunities for scholars to present their research activities and findings in conjunction with a collaborative industry partner
- Create some interesting new information for guests who might be interested in whatever topic is being researched
- 4) Generate useful knowledge and insights for Binna Burra Lodge to apply for our own in-house planning and operations use
 - 5) To have researchers (individuals and groups) to contribute to revenue on F&B, activities and accommodation at Binna Burra Lodge

Examples of the type of support to researchers that can be considered subject to agreement by Binna Burra:

- 1) Access to data collection via guest or visitor surveys
- 2) On Binna Burra owned land, data collections of plant and animal specimen, observations of people and the natural environment (land, sky, waterways)
- 3) Provide a location for the study a range of physical, biological and social sciences
- 4) Support researcher requests to local National Parks managers to undertake research that involves the Lamington National Park.

Costs:

Occasionally, there might be a partner willing to fund costs such as transport, accommodation and meals. Generally such costs will NOT be covered by Binna Burra Lodge, however, from time-to-time, a specific research topic may be considered for financial support where it is determined to be of priority benefit to Binna Burra.

Interested researchers should contact:

Steve Noakes, Chairperson, Binna Burra Lodge.
steve@binnaburralodge.com.au

Lamington was declared a National Park in 1915. The campaign to preserve the resource-rich, mountainous land as national park began in the 1890s with a particularly passionate grazier Robert Collins, who, while travelling overseas, learned about the world's first national park, Yellowstone, in the United States of America.¹

Climate change impacts on national parks.



'Over the next few decades of climate change, the country's first national park will quite likely see increased fire, less forest, expanding grasslands, shallower, warmer waterways, and more invasive plants — all of which may alter how, and how many, animals move through the landscape. Ecosystems are always in flux, but climate change is transforming habitats so quickly that many plants and animals may not be able to adapt well or at all.'

www.nytimes.com/interactive/2018/11/15/climate/yellowstone-global-warming.html?nl=top-stories&nid=73137784ries&ref=cta

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www.binnaburralodge.com.au

¹ <https://parks.des.qld.gov.au/parks/lamington/centenary.html>