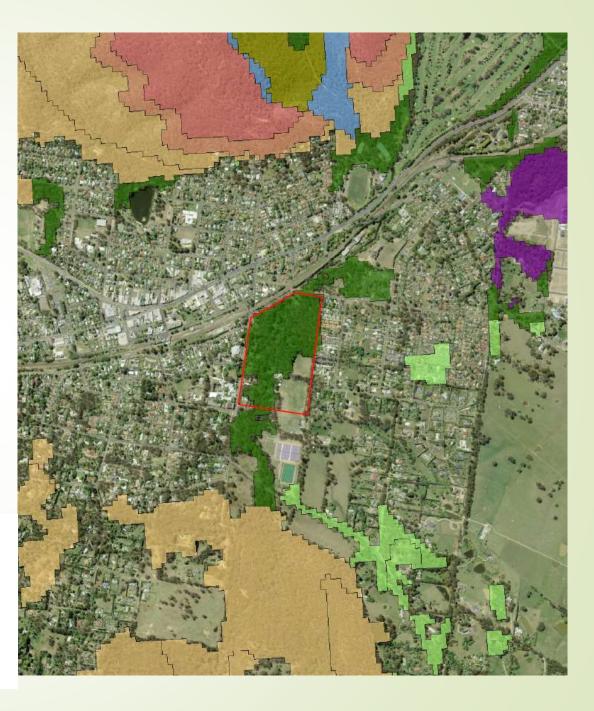
Ecological Outcomes of the Construction of Student Accommodation at Frensham, Mittagong

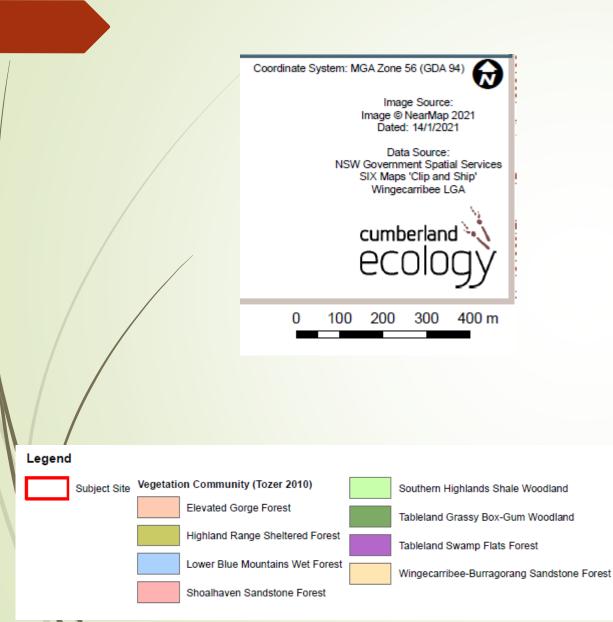
Dr David Robertson, Cumberland Ecology

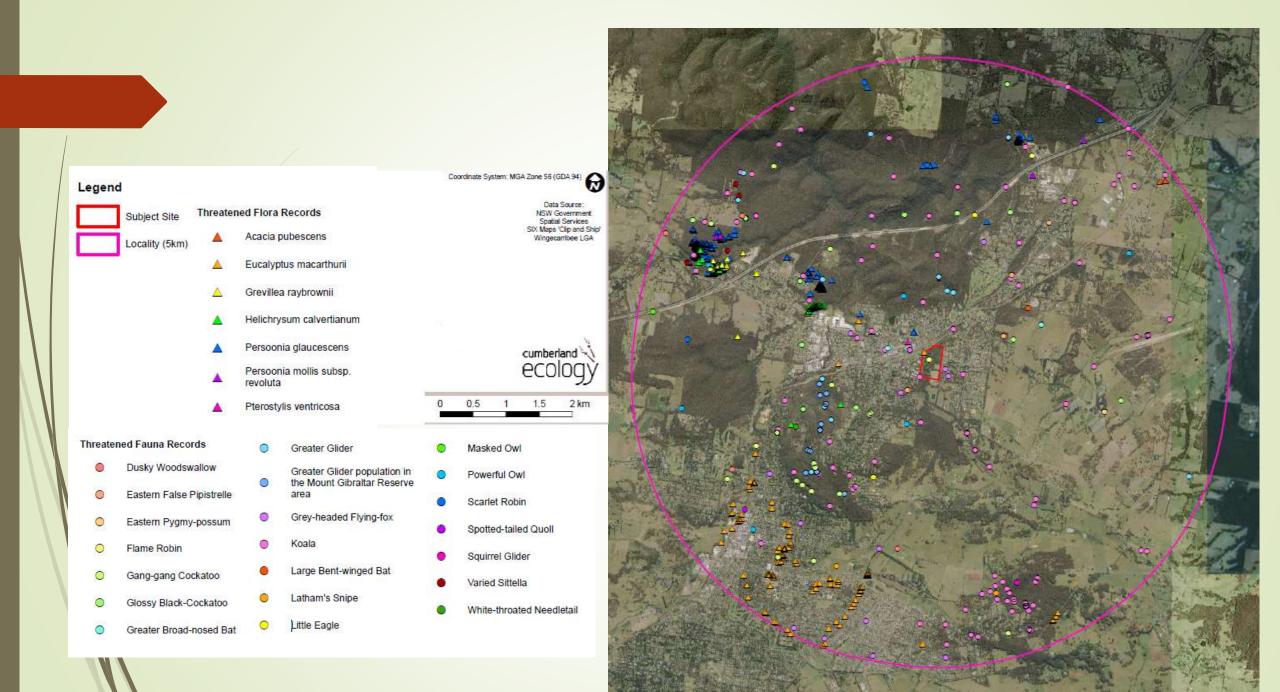
Student Accommodation Project & Overall Site Ecology

- Site Context
- Site History and Assessments
- Environmental Constraints
- Ongoing Approval Works
- Ecological and Educational Opportunities









Ecological Impacts of the Project

- Flora and fauna surveys completed from 2017 to 2021
- Impacts assessed in Biodiversity Development Assessment Report (BDAR) by Ecoplanning dated 21 April 2020 required clearing 0.64 ha native vegetation and 3.46ha thinned and maintained as an APZ
 - Impacts confined to relatively disturbed areas, with old pines amongst eucalypts
 - Development shifted largely outside riparian area
- BDAR calculates requirement for 70 ecosystem credits (Southern Highlands Shale Woodlands) and 70 species credits (Koala) to be purchased
- Surveys conducted include Vegetation Mapping, Targeted Threatened Flora Surveys, Habitat Assessment, Gang-gang Cockatoo Breeding Surveys, Anabat Bat Detection Surveys and Koala Detection Dog Surveys
- No significant impact under Commonwealth legislation

Koala Dog Surveys 4 August 2021





Avoid, minimise and mitigate for the Project

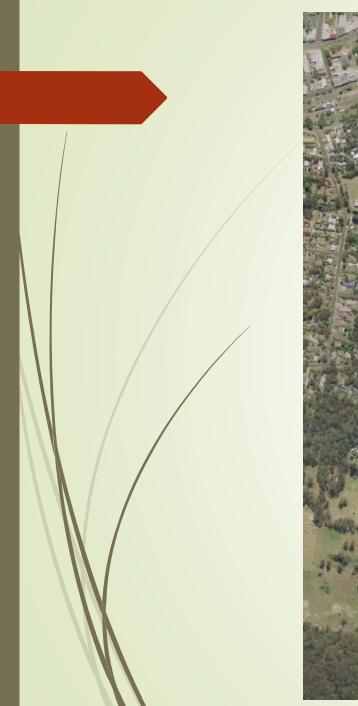
- Avoidance of Riparian Area
- Avoidance wildlife corridors
- Implementation of a Koala Plan of Management
- Implementation of a Construction Environmental Management Plan
- Implementation of Vegetation Management Plan
 - Continuation of current replanting and revegetation across the School
 - Replanting program in line with APZ requirements
- Ground dwelling fauna rehabilitation
 - Wildlife fencing
 - Fox and feral cat management
 - Wombat management



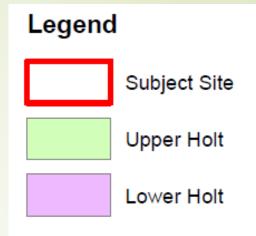
Future Ecological Opportunities

- Ecological significance of the Lower Holt (development site) compared to Upper Holt
- Threatened Species Management Plan
- Biodiversity Management Plan
- Stewardship Site
- Riparian Management Plan









Coordinate System: MGA Zone 56 (GDA 94)

Data Source: NSW Government Spatial Services SIX Maps 'Clip and Ship' Wingecarribee LGA



0 50 100 150 200 m

Ecological & Educational Opportunities: Upper Holt

