



FACT SHEET 12



DEFINITIONS & RESOURCES

Definitions of terms used throughout the Living Landscape Case Study, acknowledgements, bibliography and additional resources.

Image: Weathering in a cave at Bundanon

DEFINITION OF TERMS

allelopathy	the inhibition of growth in one plant species by chemicals produced by another. For example, other plants will often not grow underneath black walnut trees, since these trees produce juglone, a chemical inhibiting plant respiration.
batter	the excavated or constructed face of a cutting, embankment or dam wall
bench	a strip of relatively level earth or rock breaking the continuity of a slope
biota	the plant and animal life of a particular region or period
Biodiversity off-set	means one or more appropriate actions that are put in place to offset the impacts of development on biodiversity (as per the definition within DECC 2006 “Biobanking – a biodiversity offsets and banking scheme – conserving and restoring biodiversity in NSW”). In this context, the Bundanon properties would be managed to provide opportunities for progressive permanent conservation via actions and investment, by Bundanon Trust and external parties, seeking biodiversity offsets for development projects and activities.
Bundanon properties	means all landholdings managed and permissively occupied by Bundanon Trust. This includes leasehold lands.
carbon credit	means Australian Carbon Credit Units issued under the Carbon Farming Initiative as part of the Clean Energy Legislative package of 2011.
conglomerates	a rock consisting of pebbles or the like embedded in a finer cementing material; consolidated gravel.
depauperate	to make poor, as in a herbaceous understory is otherwise relatively depauperate.
ecotone	the zone between two major ecological communities
environmental credit	means Biodiversity offset, carbon credit or other ecosystem services with a commercial value.
In situ	in place
joint,	in geology, a brittle-fracture surface in rocks along which little or no displacement has occurred. Present in nearly all surface rocks, joints extend in various directions, generally more toward the vertical than to the horizontal. In unweathered rocks, joints are relatively inconspicuous, but upon weathering they become marked, especially in a soluble rocks.
liane	any of various usually woody vines that may climb as high as the tree canopy in a tropical forest.
mesic	of, relating to, or adapted to an environment having a balanced supply of moisture.
mesophyllic	the soft chlorophyll-containing tissue of a leaf between the upper and lower layers of epidermis: involved in photosynthesis
propagule	a plant part, such as a bud, that becomes detached from the rest of the plant and grows into a new plant
Project	means the Living Landscape project, unless stated otherwise.
PVP	means a Property Vegetation Plan as defined in the NSW Native Vegetation Act 2003. The PVP is a voluntary, legally binding agreement between a landholder and a Catchment Management Authority.
rill	small channel cut by concentrated run off through which water flows during and immediately after rain.
sandstone	a common sedimentary rock consisting of sand, usually quartz, cemented together by various substances, as silica, calcium carbonate, iron oxide, or clay.

schlerophyll	a woody plant with small leathery evergreen leaves that is the dominant plant form
shale	a rock of fissile or laminated structure formed by the consolidation of clay or argillaceous material.
siltstone	A fine-grained sedimentary rock consisting primarily of compacted and hardened silt. Siltstones are similar to shale but without laminations.
succession	ecological succession is the the progressive replacement of one community by another until a climax community is established.
talus slope	is a slope in which debris piles up to a characteristic angle of repose. When new debris is added to the slope, thereby locally increasing the angle, the slope adjusts by movement of the debris to re-establish the angle.
upslope	at or towards a higher point on a slope

SOIL TERMS

ped individual natural soil aggregate, a soil structure term.

The grade of pedality reflects the degree of structural distinctness as follows:

- apedal single-grained- the soil occurs as a loose, incoherent mass of individual particles
- apedal massive- the soil occurs as a coherent mass with no distinct arrangement of soil particles
- weak pedality- the soil contains peds which can be identified but are not distinct
- moderate pedality- the soil contains peds which are barely observable
- strong pedality- the soil contains peds which are clearly observable

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Bundanon Trust key documents

Bundanon Conservation Management Plan, Volume 1, Conservation Analysis, Peter Freeman Pty ILd, Conservation Architects / Planners • Canberra, April 1997

Land Management Plan for the Bundanon Trust Properties, Total Earth Care, 2011

An Indigenous Cultural Heritage Management Plan for the Bundanon Trust Properties, Sue Feery and Heather Moorecroft, August 2011

Landscape Assessment, Craig Burton, 2011

Land Rehabilitation Works Plan, Jock Waugh, 2012

Fauna Surveys at Haunted Point Bundanon, Garry Daly, 2013

BioBanking Assessment, Bundanon Trust, Jakobs, August 2014

Other resources

Lantana Best Practice Manual and Support Tool, August 2009, Queensland

Weeds of National Significance Lantana Guide, CRC for Australian Weed Management and the Commonwealth Department of the Environment and Heritage, 2003

Understanding the Scenery : Morton National Park and the coast from Nowra to Bateman's Bay, Bob and Ann Young

Soil Landscapes of the Kiama, P. A. Hazelton

Soils of the Illawarra region, R Young

Bundanon Vimeo films relevant to this case study

Bundanon Local Transmit Indigenous Youth Project	http://vimeo.com/72623898
Living Landscape	http://vimeo.com/60978462
Touched by the Earth Education Program	http://vimeo.com/57989106

Website resources

www.physicalgeography.net/fundamentals/9i.html	About succession and pioneer plant species
www.shoalhavenlandcare.org.au/	Shoalhaven Landcare Association (SLA) represents all local Landcare groups within the Shoalhaven. Join to help care for our country.
www.landcareonline.com.au/	Landcare Australia website
http://www.environment.nsw.gov.au/pestsweeds/lantanafactsheet.htm	Lantana Fact Sheet
http://www.environment.gov.au/biodiversity/invasive/weeds/publications/guidelines/wons/pubs/l-camara.pdf	