

Our Ref: 18CMCT02

31 October 2018

David De Angelis (Nettcorp)
C/O Catholic Metropolitan Cemeteries Trust
PO Box 10
LIDCOMBE NSW 1825



Attention: Mr David De Angelis

Dear David

**Re: Orchid at
Lot 2 DP 1108408, 13 Park Road, Wallacia**

Travers bushfire & ecology has been asked to comment upon a statement provided by an unknown person who has requested the following clarification;

Is Council aware that my [REDACTED] discovered an unnamed, undescribed, endemic ground orchid on Wallacia Golf Course?

Investigation records

The study area is indicated by Figure 1.



Figure 1 – Study area

An investigation into all orchid species records was undertaken on 31 October 2018 through the Bionet database system managed by OEH. Within an approximate 8km radius of the site, fifty (50) species of Orchidaceae have been observed with records submitted to OEH. Not one (1) species (or specimen) has been mapped as occurring within 500m of the Golf Course. There is a record of *Pterostylis chaetophora* approximately 7km to the north-west which is a threatened species, however the accuracy of the location is within 25km. The

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species is not known to occur in Cumberland Plain Woodland vegetation therefore would not be expected to occur on site.

There are also records on the Australian Virtual Herbarium's website to confer with.

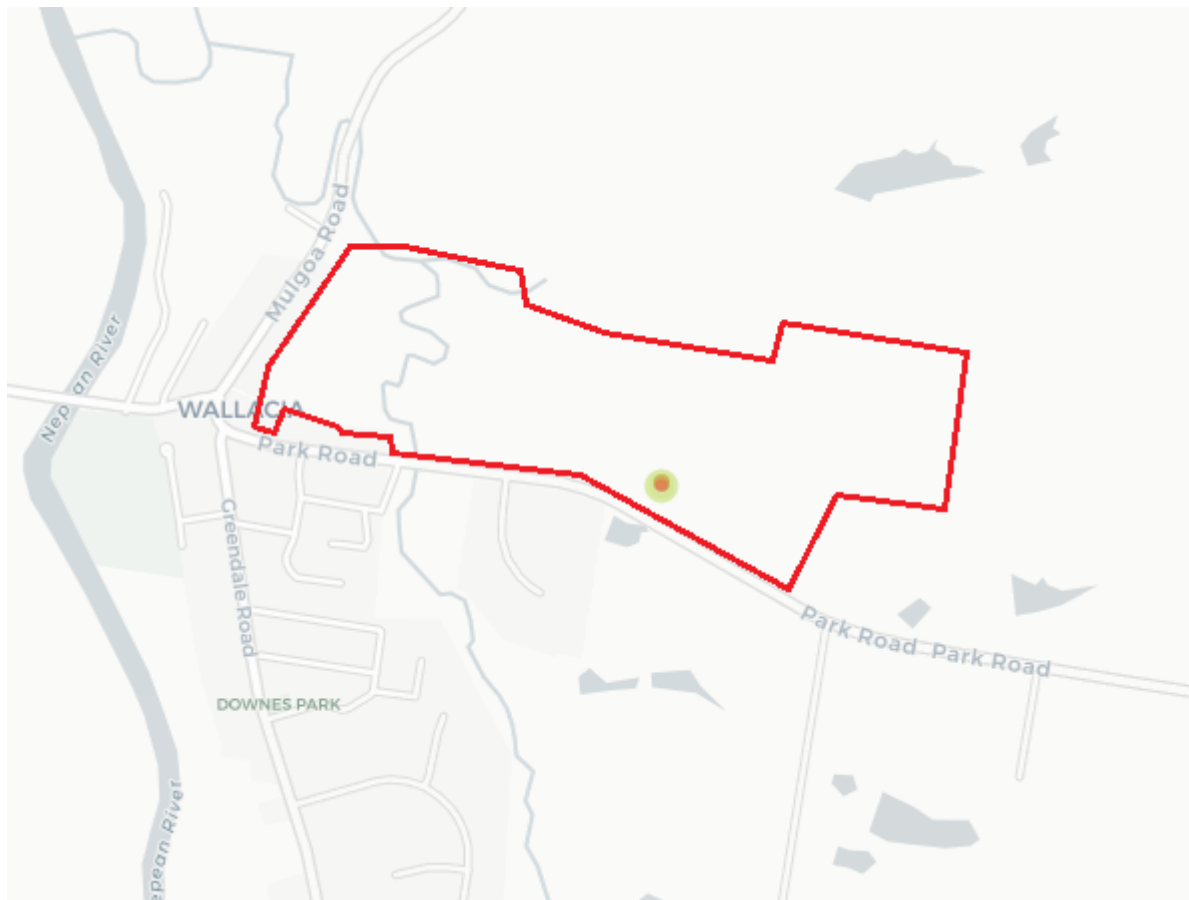


Figure 2 – Australian Virtual Herbarium records (study area approximate only)

Figure 2 shows records of *Pterostylis curta* adjoining the southern boundary.

The record of *Pterostylis curta* is the only listed orchid species within the site. It does not have an accuracy measurement, however the specimen has been confirmed by the University of New England. It has a flowering period of July to October with the record of the species noted in August 1961. It is not a currently listed threatened species in the *BC Act* or *EPBC Act*.

Pterostylis curta is moderately common in sclerophyll forest from the coast to inland ranges in all coastal botanical subdivisions and adjacent ones up to 350km inland. Figure 3 shows the records within approximately 50-100km of Wallacia.

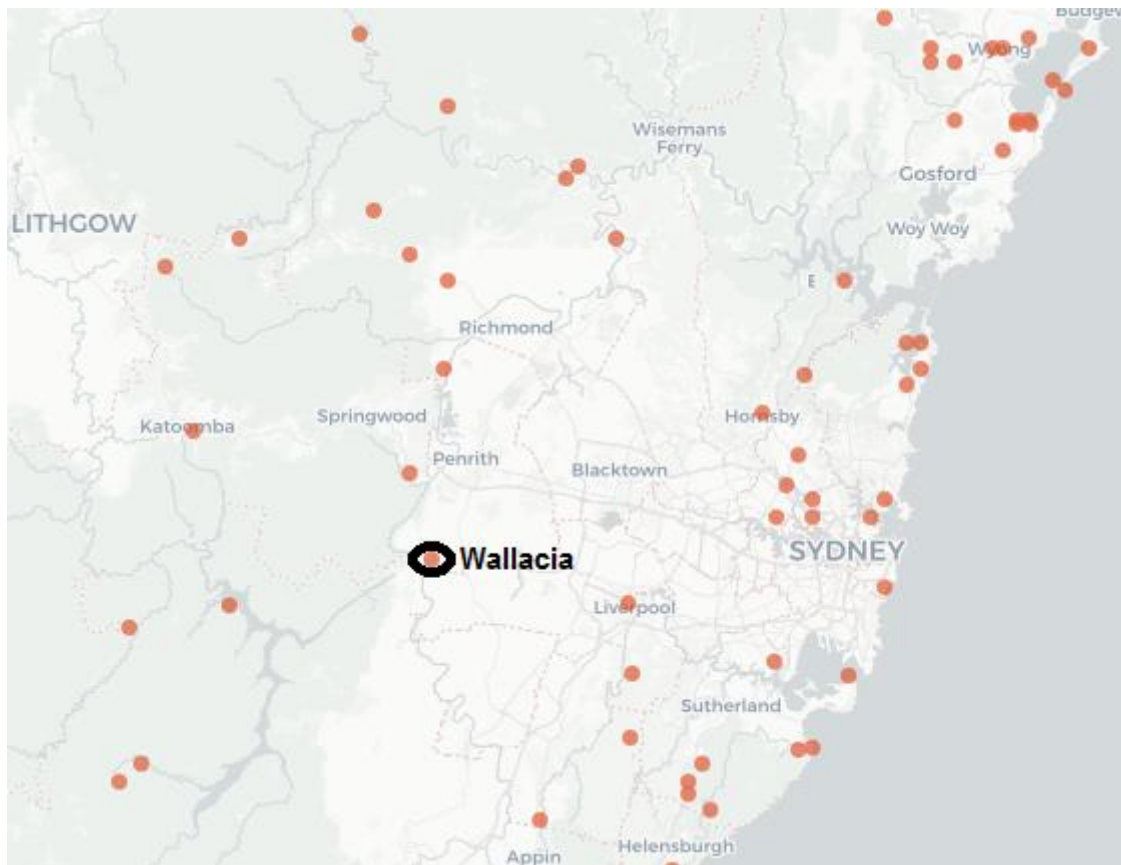


Figure 3 – Regional records of *Pterostylis curta*

It appears that records of *P. curta* are generally absent from the Cumberland Plain and associated Cumberland Plain Woodland, tending to occur on the fringes in areas where sandstone geology occurs. The site is located over shale geology and on the edge of the Cumberland Plain. There is potential that the species could occur however it's not likely to be in an ideal substrate or location.

The record is from 1961, over fifty five (55) years ago. Development of the golf course commenced in 1932 on site with the 18-holes course officially opening in 1948.

Given the time since the recording, and land use including maintenance (mowing, fertilizing, trampling), the specimen is no longer present.

Based on this information we can find no other record of an orchid within this site. Unless information is supplied, we have no evidence that an unnamed, undescribed, endemic ground orchid is present on site as claimed above.

If you require any further information please do not hesitate to contact the undersigned on (02) 4340 5331 or at info@traverseecology.com.au

Yours faithfully

Michael Sheather-Reid
 Managing Director - **Travers bushfire & ecology**

Travers bushfire & ecology employs
 Bushfire Planning and Design (BPAD) Accredited
 Practitioners

Travers bushfire & ecology employs
 Accredited BioBanking and Biodiversity Assessors