

More *Drymoanthus adversus* (Orchidaceae) in the Waitakere Ranges

Rhys Gardner

In response to my suggestion (Gardner 2004) that this small epiphytic orchid might be uncommon in the Waitakeres, Dan Hatch and Sandra Jones have indicated that I exaggerate, slightly.

The former says (E. D. H., pers. comm. to ROG) that his 1945 Laingholm specimen (AK 24520) came from "beside a stream in the bush, growing on *Alseuosmia macrophylla*" and that "for many years, until the land [Laingholm] was subdivided, the species was abundant on puriri, flowering and fruiting and always in a moss-lichen substrate". Also it was present right there at the gate of his home, on a totara. And he notes that *D. adversus* is abundant today at the Huia end of the Parau track, on mahoe.

The latter (S. J., pers. comm. to ROG) believes *D. adversus* is widespread in the Ranges, though it might

not attain the size it does in the Hunuas or on Little Barrier Island, and supplies her records, and one of E. K. Cameron's, for locality and host:

Atkinson Park, Titirangi on puriri, kanuka, kohekohe
Park Road, Titirangi: on kohekohe
Summit Track, Nihotupu: on rewarewa
Farley Track: on kauri
Marama Stream: on rewarewa
Omanawanui Track: on kanuka
Marguerite Track: on *Olearia rani*
Winstone Track: on *Myrsine salicina*, kahikatea
Nikau Grove Walk: on nikau
Lower Kauri Track: recorded by E. K. C.
Matuku Reserve: on kanuka, lemonwood, puriri
Te Aute Ridge Road: on mahoe.

Acknowledgements

I am grateful to Dan and Sandra for their vigilance.

Reference

Gardner, R. O. 2004: Habitat, habitat, habitat: Titirangi border home for *Drymoanthus adversus* (Orchidaceae). *Auckland Botanical Society Journal* 59: 61-62.

Definitely knot!

Glenys Stace

On my recent visit to Chinchilla in Queensland, Australia (Oct 2003), I found an unusual piece of fossil wood while rummaging in a friend's shed. It was shaped like a cone, tapering gently to a rounded point (Figure 1). I jumped to the conclusion that it was a fossil root. This was not an unreasonable assumption but I was not entirely convinced. I told him I thought it was a very interesting fossil and to please look after it better!

Chinchilla, about five hours by car west of Brisbane, is famous for its Jurassic fossil wood. The age excludes angiosperms. Chinchilla wood has to belong to Gondwanan Jurassic flora. The wood is podocarp or araucarian. Tree fern and cycad is easily identified. There have been far too few papers written about the Chinchilla wood and almost no identification. The scientists tell me that it is too altered to tell what wood it is from the structure. My assertion (to the local community) that araucarians grew there was really no more than surmise. (I think there have been one or two araucarian cones found.)

Some araucarians, in particular *Agathis australis*, have the characteristic of dropping their branches. They can close off the supply of nutrient to the branch and it neatly drops off. The branch has a rounded end like a

plug and it leaves a neat matching indentation in the trunk of the tree.



Figure 1. Unusual piece of cone-shaped wood