



13-March-2016 09:13 am
Mapleton National Park – Great Walk



What is it?
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- Cortinarius hochstetteri ?**
- Entoloma hochstetteri ?**
- Entoloma virescens ?**
- Inocephalus virescens ?**



Bonin Islands (Ogasawara)

26° N 59' 53"

142° E 13' 05"

Entoloma virescens

That name was given to the fungus by Rev Berkeley who saw a specimen at Kew which had been collected by a Royal Navy ship on the Bonin Islands south of Japan that had visited in the 1840s. The Bonin Islands have been long isolated from everywhere else and had a unique flora, they were once described as the Galapagos of the Orient. Unfortunately they were completely deforested during the second world war and recent attempts by the Japanese to collect the fungus again have failed – Patrick Leonard.



Minami Torishima
(Marcus Island)

Okino Torishima

Mariana Islands

Sea of Japan

Tokyo

Izu Island

Nishino shima

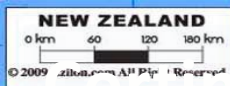
Iwo Jima

Volca

East China Sea

Okinawa Islands

Philippine Sea



Corticarius hochstetteri

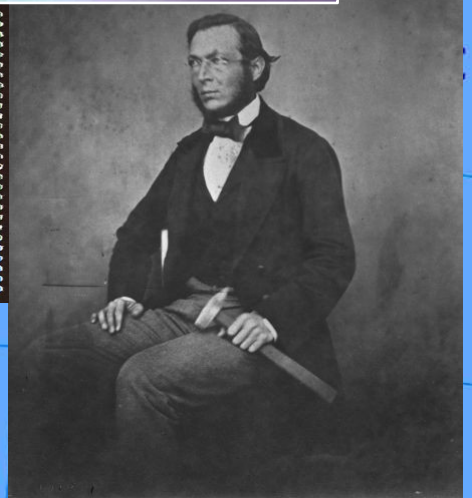
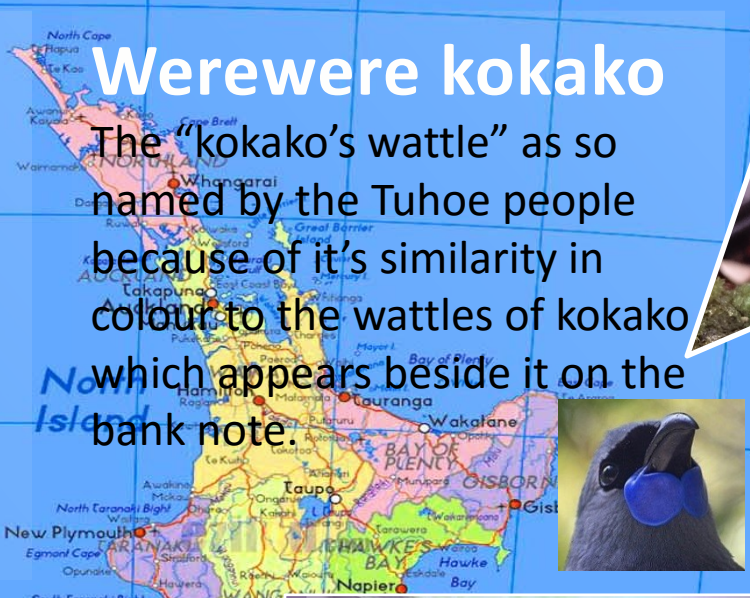
..the Austrian geologist/surveyor Christian Gottlieb Ferdinand von Hochstetter visited New Zealand from 1858 to 1850. On returning to Vienna he passed on notes and drawings of a blue fungus he found to the mycologist Erwin Reichardt who described it in 1866 as C. hochstetteri

Entoloma hochstetteri

..the specimen was discovered by Hochstetter but was lost, having gone mouldy after he was trapped in his tent for a week by heavy downpours. Greta Stevenson re-described it from New Zealand in the Kew Bulletin in 1962 as E.hochstetteri – Patrick Leonard.

Werewere kokako

The “kokako’s wattle” as so named by the Tuhoe people because of it’s similarity in colour to the wattles of kokako which appears beside it on the bank note.



*Kamahi, Huan, Rāru, Quintinia. Mixed forest
Bush between Kumara + Mitchell's, late Brunner
Several at bases of tree ferns.*
photo
14/5/09
C.Maylor



Entoloma virescens ?

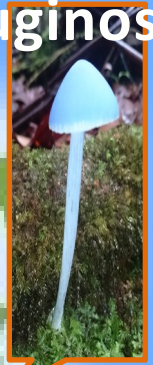
In 1976 Egon Horak studying *Entoloma* species from around the world concluded *Entoloma hochstetteri* and the Japanese species *E. aeruginosum* were the same as an older named species *E. virescens*.

As a result Barbara Segedin noted in 1988:

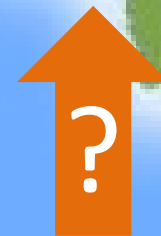
- *Hygrophorus cyaneus* (Berkeley), later called
- *Entoloma hochstetteri* (by Stevenson) and **now called**
- *Entoloma virescens* described first from Bonin Is., Japan.

Then the Japanese mycologist Tsuguo Hongo visited New Zealand in the late 1980s and studied both *Entoloma hochstetteri* and the Japanese species *Entoloma aeruginosum* and decided that they represented different species (saving the name).

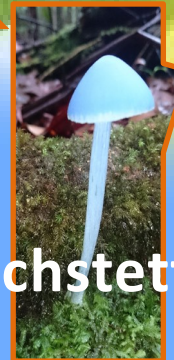
Entoloma aeruginosum



Entoloma virescens ?



Entoloma hochstetteri



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Inocephalus virescens



I do not believe that the fungus we have in Queensland is either of these, but there is a much greater likelihood of it being related to the New Zealand one than to the Japanese one. In 2011, Sandra Abel (at James Cook University in Cairns) and David Largent (from the United States) described the fungus again and called it *Inocephalus virescens*. There are other names about as well. Needless to say this requires sorting out by a taxonomist!

– Patrick Leonard

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Taxonomy...



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