

Estimates for the Button Wrinklewort (*Rutidosia leptorrhynchoides*) St Mark's ACT

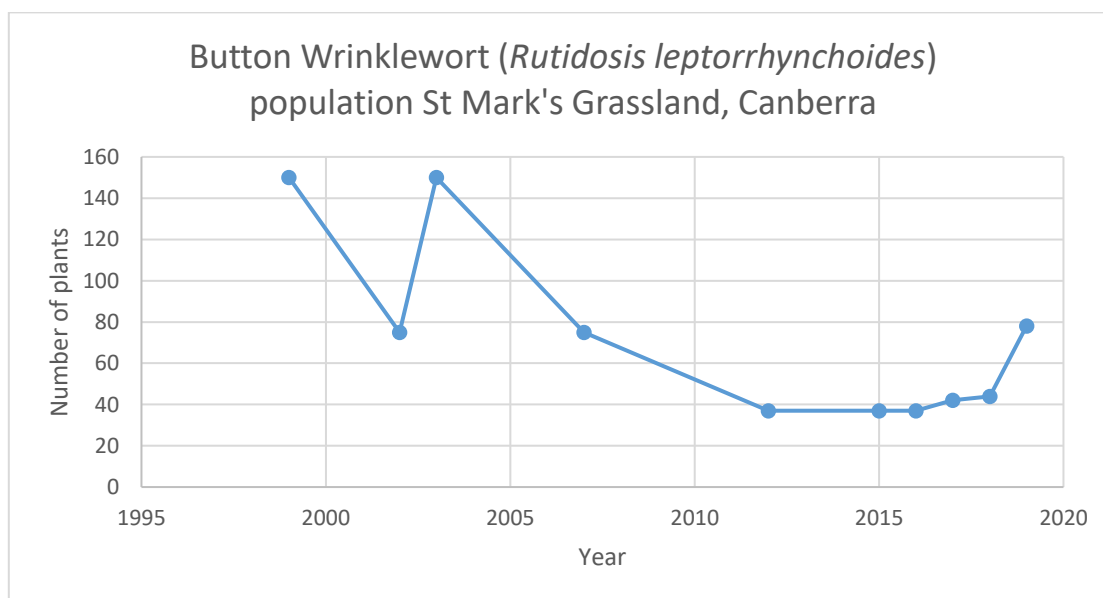


The Button Wrinklewort (*Rutidosia leptorrhynchoides*) is a native flora species, listed as endangered in the Australian Capital Territory, of the Asteraceae family.

It is found in the grassland of the Charles Sturt University Campus in Canberra, St Mark's.

Conservation Research, ACT Government, have been monitoring the population of individuals at St Mark's. The data they have supplied are estimates only, not census data and therefore, not an accurate representation of the individuals present to make any statistical claims.

It does appear from the estimate data that the population was in a state of slow decline. This is likely due to demographic factors relating to the small population size. *Rutidosia leptorrhynchoides* has some unusual genetic traits that make it quite susceptible to small population pressures. The estimate data is presented in the below graph with numbers declining to a low point in 2016 which was turned around and is very slowly recovering.



A cool ecological burn was conducted on the site in April 2018 which may have contributed to the turnaround of plants. Monitoring occurs every November.