

Maire tawake genome

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Project Description:

We have constructed a highly contiguous, near complete reference genome for maire tawake (*Syzygium maire*), a critically threatened swamp forest tree species endemic to Aotearoa New Zealand. It is expected that this resource will be used to enhance conservation efforts by facilitating genomics studies aimed at understanding the distribution of genetic diversity, the evolutionary and adaptive genetic characters of the species, and potential mechanism to resist emerging pathogens and other agents of global change. This information will aid restoration efforts by informing seed sourcing and assisted migration of individuals to other subpopulations in nearby intact or restoring swamp forests.

The maire tawake genome is a collaboration between Rangitāne o Manawatu, the New Zealand Institute for Plant and Food Research Ltd (Plant & Food Research) and the Victoria University of Wellington.

Project Links

- <https://data.agdr.org.nz/discovery/NZ-00044>

Project Notices



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Ko tā te Pānui Whakamārama BC, he āta whakaatu, tērā ētahi tikanga ā-iwi me ōna haepapa ki runga i te whakamahinga, i te horapatanga hoki o tēnei taonga me ōna raraunga rānei. Whakamanahia ai ki tēnei Pānui Whakamārama BC, ko te mana tuku iho o ngā iwi taketake ki roto i ngā kohinga mātauranga pūtaiao, me ngā raraunga hangarau mō runga i ngā hāpori, ngā tāngata, me te rerenga rauropi e noho pū ana i ngā whenua, i ngā wai me ngā rohe o ngā iwi taketake. Kei roto hoki pea i tēnei Pānui BC, ko te kōrero e mea ana, tērā ngā Tohu BC (Rerenga rauropi) e waihangatia ana, ā, kei te whiriwhirihia tonutia tōna whakatinanatanga. Mō ētahi atu kōrero mō ngā Pānui Whakamārama BC, pāwhiritia i konei.
