

# Conservation program of rare and endangered plants in Heng-Chun Tropical Botanic Garden (HCTBG)

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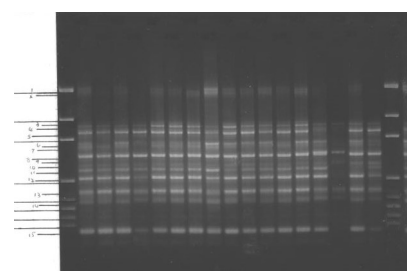
Heng-chun Peninsula located at the southern tip of Taiwan, has unique flora which is very different from the other parts of Taiwan as well as most of the areas of the world owing to its particular climate and geology.

Forty-four rare and endangered plants species endemic to the area has been recognized. HCTBG has initiated conservation programs since 1990's. One to two species were selected each year and distribution range, habitat feature, associated plants and phenology of the species were surveyed.

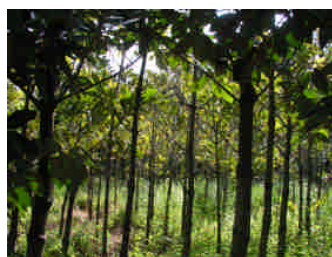


Rare and endangered plants collection in Heng-chun Tropical Botanic Garden

Variations range and patterns were studied for each species before number and collecting methods being decided for conservation purpose by means of RAPD or ISSR techniques. Field gene bank has been established in the 52ha experimental sites of the garden. So far 12ha gene bank including 4 species of rare and endangered plants has been set up.



Molecular techniques applying to species conservation



Field gene bank of rare and endangered species