

## 2021臺灣國際蘭花研討會蘭花技術轉移相關研究成果 Technology Transfer of Orchid Research in Taiwan International Orchid Show

技術/專利：蝴蝶蘭及其近源屬雜交之應用

technology/patent：Intergeneric hybridization and its application in *Phalaenopsis* breeding

研發機關：高雄區農業改良場

作者：宋品慧

聯絡電話：08-7746739

E-MAIL：phsung@mail.kdais.gov.tw

Organization：Kaohsiung District Agricultural Research and Extension Station

Researcher：Pin-Hui Sung

Telephone：+886-8-7746739

### 摘要 Abstract

藉由屬間雜交將不同蘭屬蘭花具備的特殊香味或花色等園藝特性導入蝴蝶蘭的育種種原，藉此增加台灣蝴蝶蘭的品種多樣性與特殊性，提升產業競爭力。在香味方面，將香味濃郁的狐狸尾蘭導入蝴蝶蘭，獲得香味濃郁且持久的蝴蝶蘭屬間雜交新品種。在新花色方面，將具備新奇花色(如橘色、藍色)的萬代蘭、或具香味的狐狸尾蘭導入蝴蝶蘭的育種種原，獲得橘色、藍色和香味的蝴蝶蘭屬間雜交品種。

We intend to obtain intergeneric orchids with unique floral color (orange or blue) or fragrance through the crossing between *Phalaenopsis* and *Vanda* or *Rhynchostylis* and based on intergeneric hybrids and embryo rescue technique. We expect that the competitive activity of orchid market in Taiwan could be increased.

### 圖表 Figure & Table



狐狸尾蝶蘭~香水公主  
**Rhnps. Kdares Perfume Princess**  
(*Rhnps. Kdares Perfume Sweet* x *Rhy. gigantea*)



狐狸尾蝶蘭~香水檸檬  
**Rhnps. Kdares Perfume Lemon**  
(*Phal. Sogo Sweet* x *Rhy. gigantea*)



萬代蝶蘭~橘色戀人  
**Vdnps. Kdares Orange Lover**  
(*Vdnps. Irene Dobkin* x *Phal. amabilis*)



萬代蝶蘭--橘色灰姑娘  
**Vdnps. Kdares Orange Cinderella**  
(*V. Suksamran Sunlight* x *Phal. Equestris*)



萬代蝶蘭~橘色女孩  
**Vdnps. Kdares Orange Girl**  
(*Vdnps. Irene Dobkin* x *Phal. aprodite*)



萬代蝶蘭~橘色維納斯  
**Vdnps. Kdares Orange Venus**  
(*V. Suksamran Sunlight* x *Phal. aprodite*)



狐狸尾蝶蘭~高雄紫精靈  
**Rhnps. Kdares Purple Pixel**  
(*Phal. Kaoda Twinkle* x *Rhy. Coelestis*)



萬代蝶蘭~藍色女孩  
**Vdnps. Kdares Blue Girl**  
(*V. John De Biase* x *Phal. Ruey Lin Beauty*)



榮五蘭~紫色夢想  
**Rongwuara Kdares Purple Dream**  
(*Amn. Kaohsiung Magic* x *Van. Thailand*)