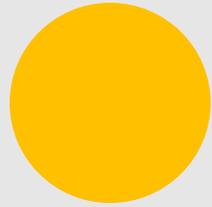
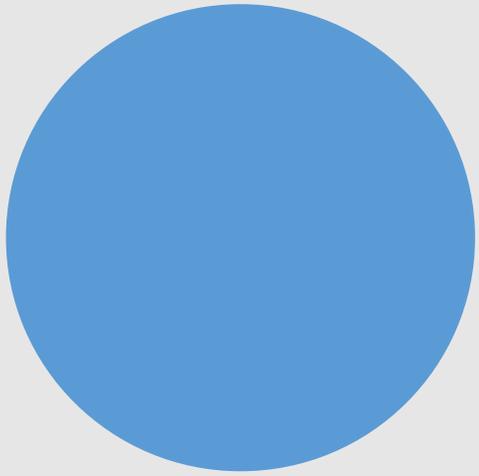




*Pacific Beach*  
*Orchids*



# THE SMALLER MEMBERS OF THE VANDEAE TRIBE

The Major Players

# THE MAJOR

# PLAYERS

- Aerides
- Arachnis
- Ascocentrum (formerly)
- Luisia
- Renanthera
- Rhynchostylis

# AERIDES

- There are 35 species within the group
- Only 14 of these have been used to breed registered progeny
- Most grow in bright indirect light conditions
- Most grow in hot conditions

# AERIDES

- Aerides have been crossed with a number of other members of the Vandeeae tribe to make 35 intrageneric types.
  - Aer x V = Aeridovanda (Aerdv) 241
  - Aer x V x Rhy = Perreiraara (Prara) 44
  - Aer x Ren = Renades (Rnds) 28

# AERIDES

- Known for freely produced pendent spikes of closely set, fragrant blooms.
- The major players are:-
  - *Aer. lawrenceae* (162)
  - *Aer. odorata* (62)
  - *Aer. houletiana* (37)
  - *Aer. multiflora* (32)

# Aer. lawrenceae



# Aer. odorata



# Aer. houletiana

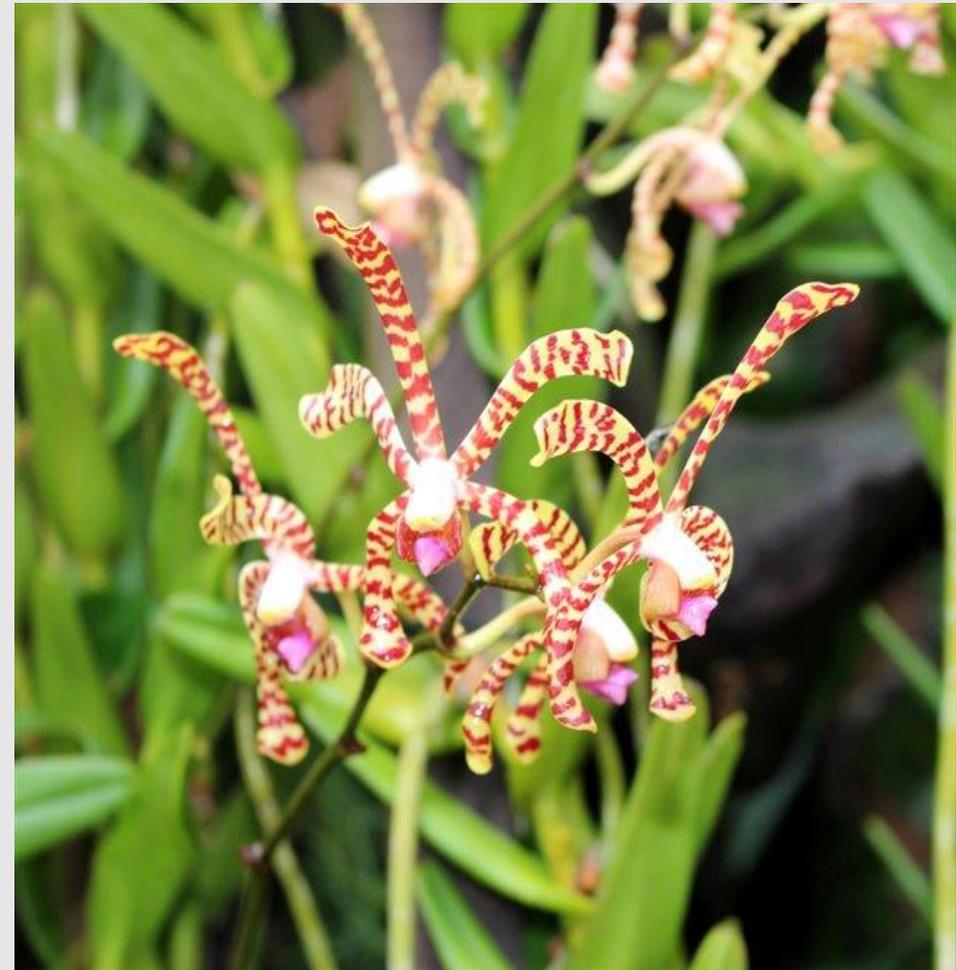




# ARACHNIS

- Grown in bright light to partial sun.
- Grown in warm to hot temperatures.
- The major players are:-
  - Arach. hookeriana (125)
  - Arach. flos-aeris (41)
  - Arach. maingayi (11)

# Arch. hookeriana



# Arach. flos-aeris



# Arach. maingayi



# ASCOCENTRUM

- Plants grow into large clumping specimens
- Basically now wiped out, botanists have reclassified all but 1 as Vandas.
- Only remaining species is *Asctm. pusilla*, rarely seen and not used in breeding to date.

# ASCOCENTRUM

- Often thought of as miniature Vandas due to small size of flower
- Differ in 3 main ways:-
  1. Sepals/Petals are nearly equal in size
  2. Flowers are more brightly coloured
  3. Far more flowers and more tightly arranged on the spikes



# ASCOCENTRUM

Former members of the family include:-

- *V. curvifolia* (169)
- *V. miniata* (115)
- *V. ampullacea* (32)
- *V. garayi* (10)

# V. curvifolia



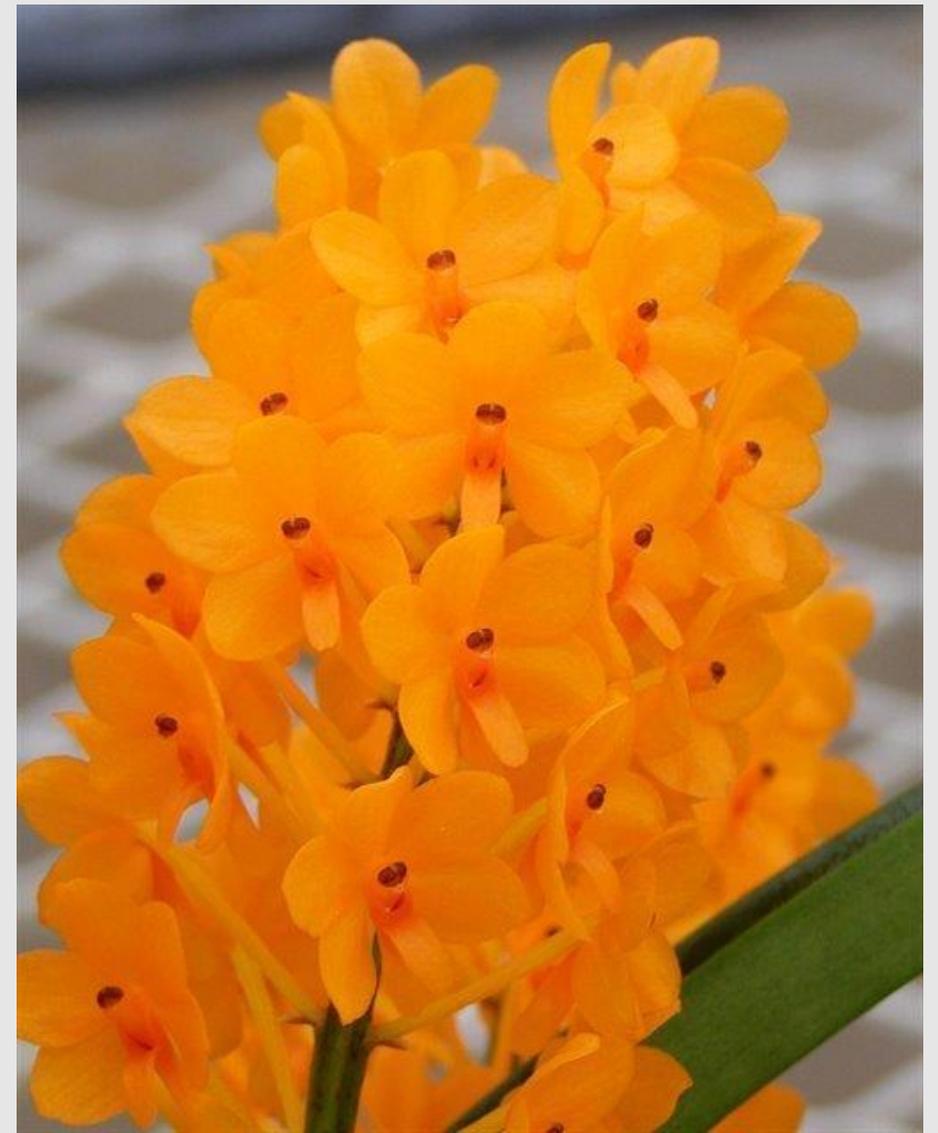
# V. miniata



# V. ampullacea



# V. garayi



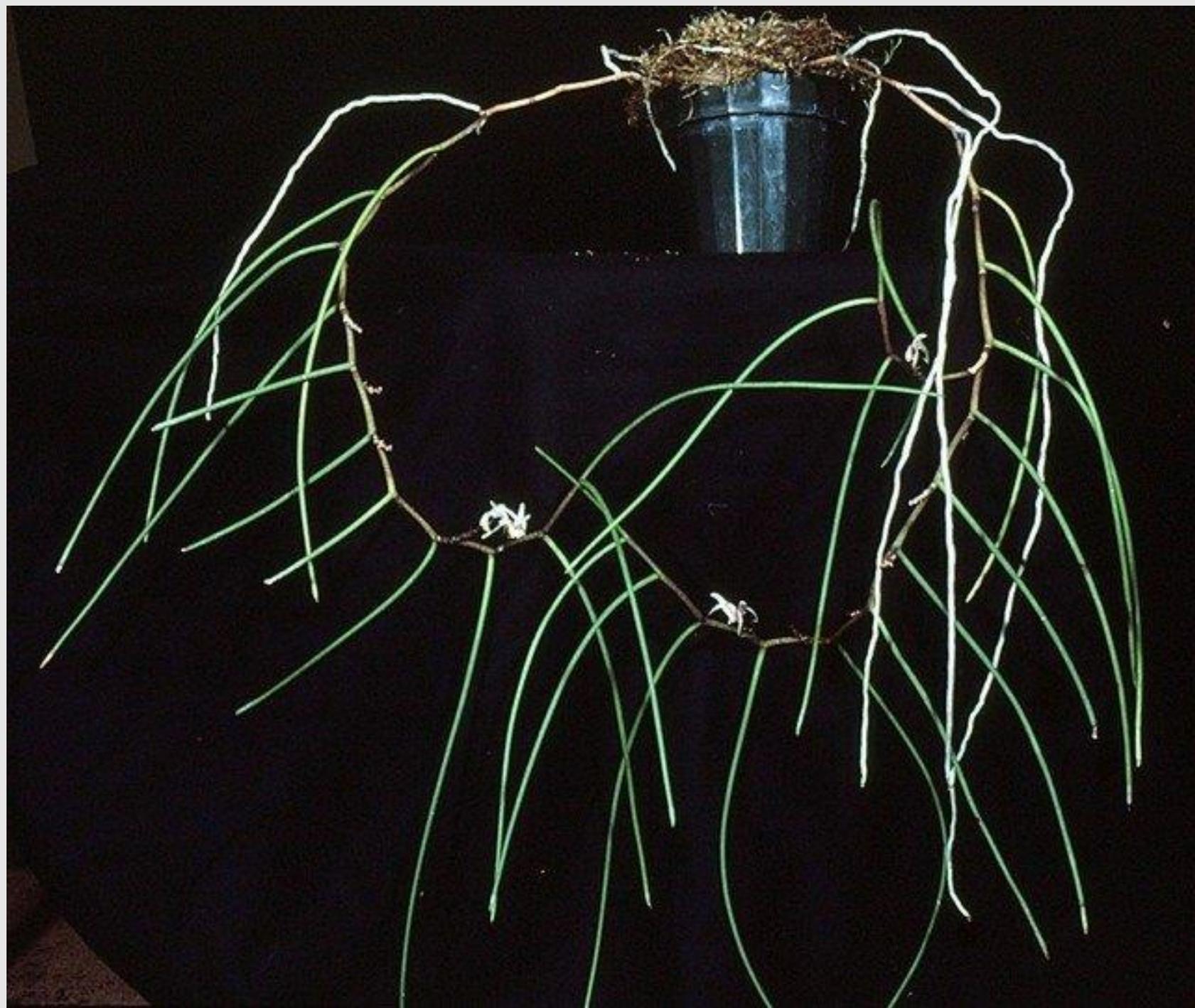
# LUISIA

- There are 42 species within the Luisia group.
- Most of the group have not been used to produce progeny, only 15 have been used, 7 of them only once.

# LUISIA

The most common used are:-

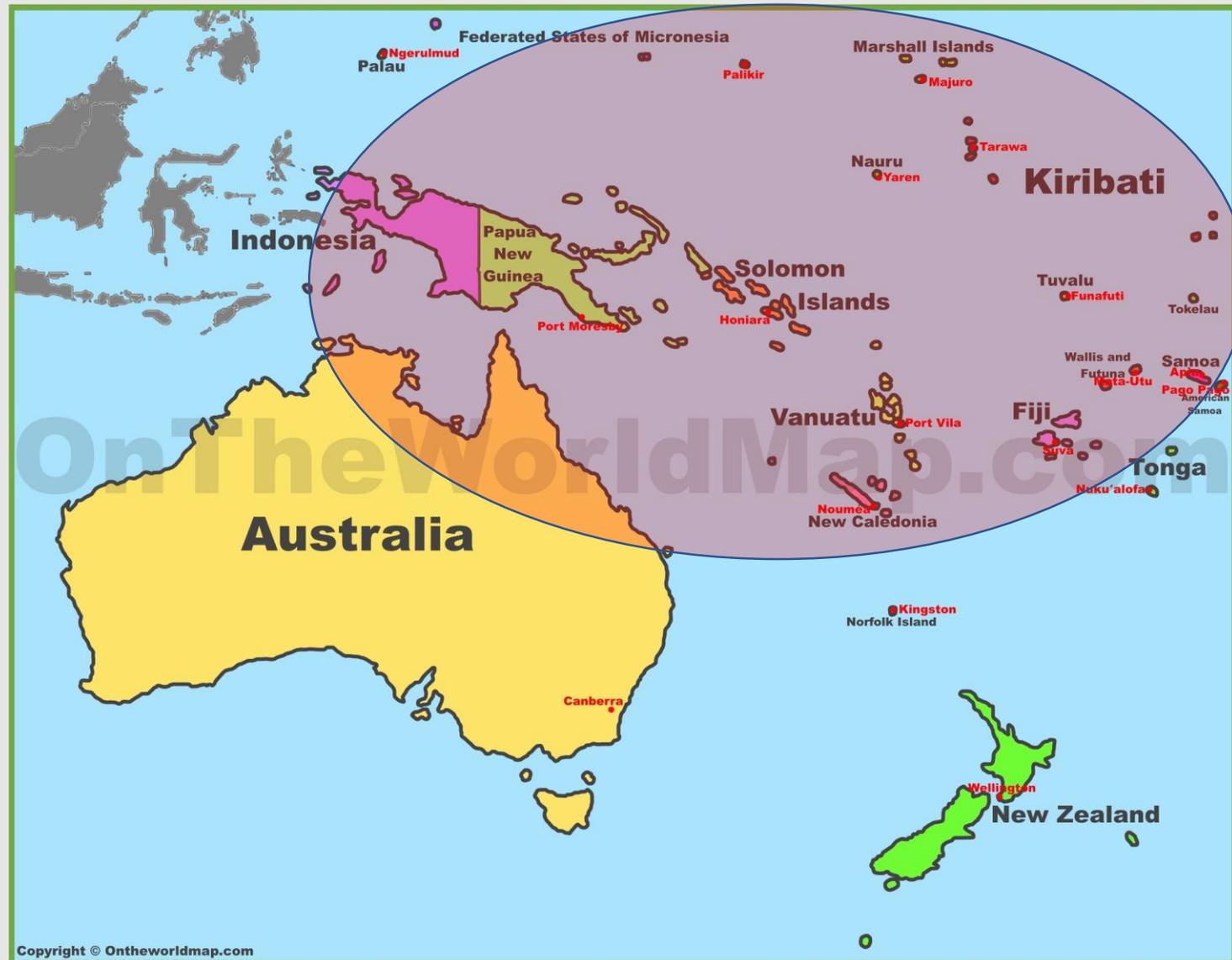
- *Lsa. teres* (20)
- *Lsa. tristis* (14)



# Lsa. teres



# Lsa. tristis



# RENANTHERA

Widely used in intergeneric crosses

- Ren x V = Renantanda (353)
- Ren x Phal = Renanthopsis (195)
- Ren x Arach = Aranthera (51)

# RENANTHERA

- Having kidney shaped anthers
  - Ren. storiei (261)
  - Ren. monachica (92)
  - Ren. imschootiana (88)
  - Ren. philippinensis (63)

# Ren. storiei





# Ren. imschootiana



# Ren. philippinensis



# **RHYNCHOSTYLIS**

- Name roughly means having a beaked column
- There are only 4 species within the genus
- Of the 4 species only 3 have registered named progeny

# RHYNCHOSTYLIS

- Rhy. gigantea (171)
- Rhy. coelestis (157)
- Rhy. retusa (40)



# Rhy. coelestis



# Rhy. retusa







