

# David Morse

Orchids and me.

An Introduction

A coastal landscape featuring a wide, sandy beach in the foreground. The ocean is a vibrant turquoise color, meeting the shore with gentle waves. In the background, a large, rocky headland with sparse green vegetation rises from the water. The sky is filled with soft, grey clouds. The overall scene is serene and picturesque.

# The Early Days

# Dublin

- Growing orchids at home





# Plot8 - 2017

Located in the very heart of the liberties on the site of the Abbey of St Thomas.

A small 4 m/13' x 5 m/16' plot.

Built a greenhouse from scratch and tried to heat it with renewables.



# The completed greenhouse setup

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- Two wind turbines
  - Two solar panels
  - Inverter
  - Heating tube
  - Battery bank
  - Insulated
  - Needed to burn 350 watts across 12 hours to maintain heat at min 12C
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# Winter 2022/23

- White LED lights strung across a set of shelves.





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## What's next

### **Grow tent and over-winter indoors**

I purchased a grow tent and a 600 watt grow light which produces 15,000 lux for the light loving orchids like the cattleyas

### **New greenhouse**

Longer and divided into two. One end for veg the other for orchids; however, I'll still need to over-winter indoors.





# Current collection

- I have around 50 orchids, some are divisions, some commercial hybrids.
- One third of my collection are species, the rest are grexes
- Coelogyne
- Cattleya sp and grex
- Phalaenopsis
- Paphiopedilum/Phragmipedium
- Oncidium, Colmanara, Bratonia grexes
- Miltonopsis grex
- Vanda grex





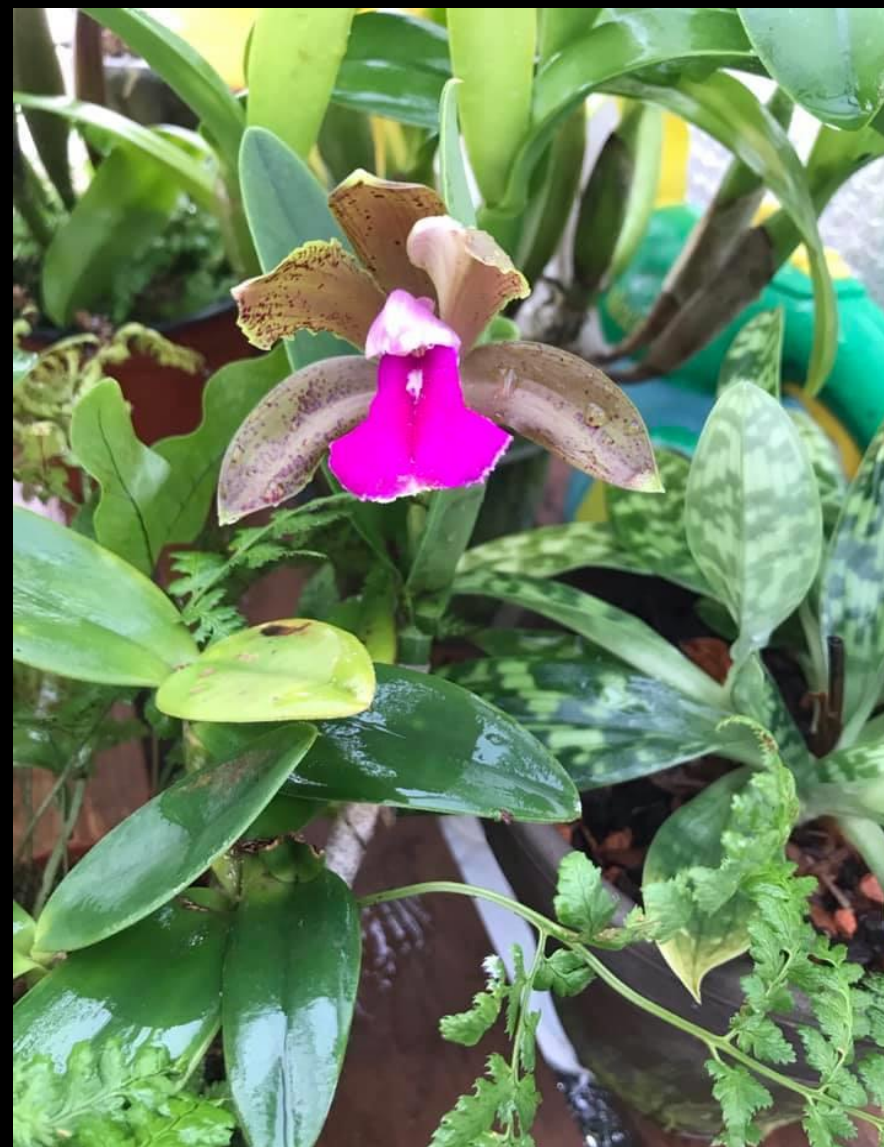
# Images of my orchids



























*Thank you for  
listening.*

*That's All Folks!*

