

Date palm pollination

Training workshop

Muscat- Oman: 9-11 March 2015

Dr. Mohamed BEN SALAH-Date palm Coordinator in GCC Countries

Session 2

- Pollen production cycle
- Pollen viability and germination (pollen Quality)

Expand Your Horizons (EYH) project at AMIDEAST

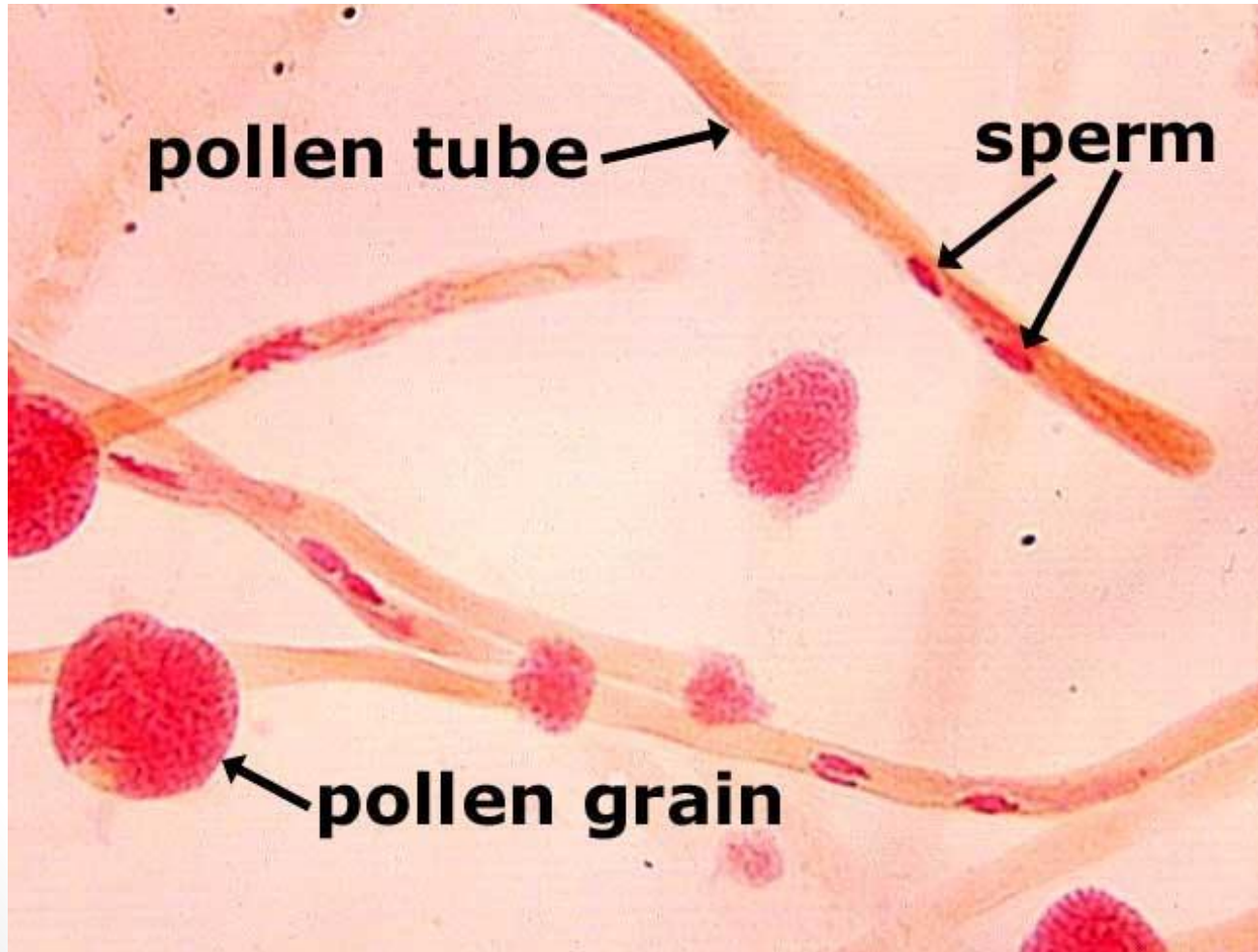
Date palm pollination

- The most common technique of pollination is to cut the strands of male flowers from a freshly opened male spathe and place these strands between the strands of the female inflorescence.
- Some pollen will be shaken over the female flowers.
- Germination of pollen will happen in this female flower stigma.
- Flowering of male start by February every year, earlier than female flowering

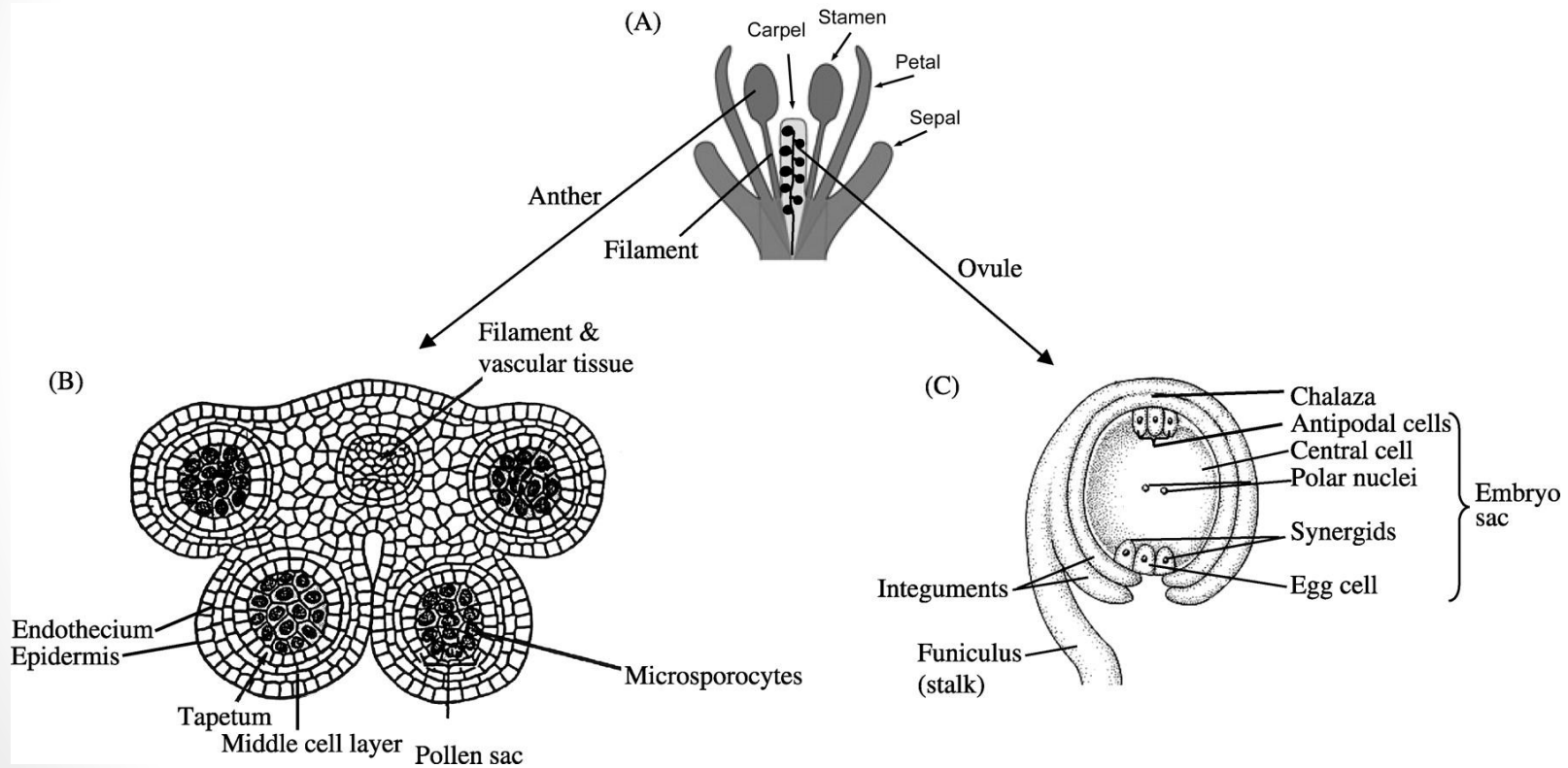
Pollen powder



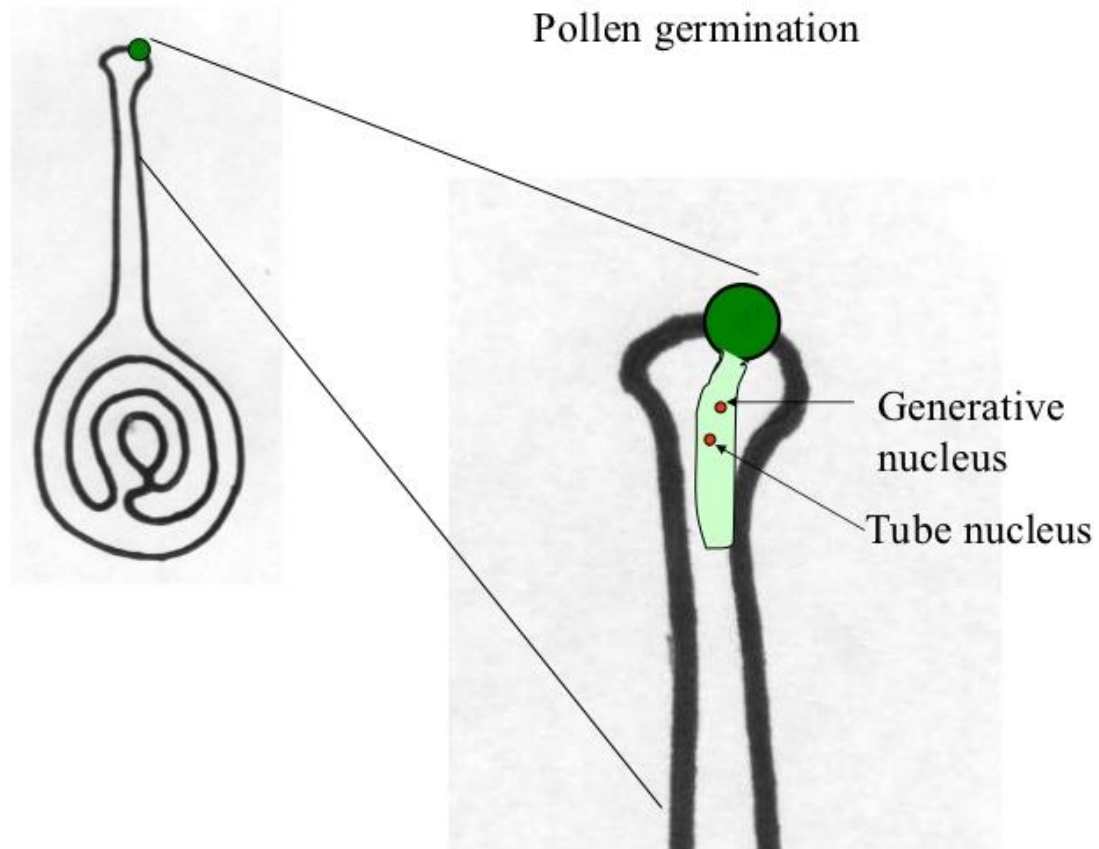
Anatomy of pollen



Female carpel and ovule



Pollination





Thanks for your attention