

# Flowers - Evaluate

## Trichomes

- |                                       |                                     |                                        |                                        |
|---------------------------------------|-------------------------------------|----------------------------------------|----------------------------------------|
| <input type="checkbox"/> N/A          | <input type="checkbox"/> Simple     | <input type="checkbox"/> Covering      | <input type="checkbox"/> Glandular     |
| <input type="checkbox"/> Unicellular  | <input type="checkbox"/> Bicellular | <input type="checkbox"/> Multicellular | <input type="checkbox"/> Stellate hair |
| <input type="checkbox"/> Thick walled | <input type="checkbox"/> Lignified  |                                        |                                        |

## Stomata

- |                                      |                                     |                                     |                                    |
|--------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|
| <input type="checkbox"/> N/A         | <input type="checkbox"/> Anomocytic | <input type="checkbox"/> Anisocytic | <input type="checkbox"/> Paracytic |
| <input type="checkbox"/> Actinocytic | <input type="checkbox"/> Diacytic   | <input type="checkbox"/> Tetracytic |                                    |

## Pollen Grains

- |                                     |                                 |                                         |                                     |
|-------------------------------------|---------------------------------|-----------------------------------------|-------------------------------------|
| <input type="checkbox"/> Fenestrate | <input type="checkbox"/> Tetrad | <input type="checkbox"/> Pantocolporate | <input type="checkbox"/> Zonoporate |
|-------------------------------------|---------------------------------|-----------------------------------------|-------------------------------------|

## Calcium Oxalate Crystals

- |                                          |                                    |                                   |                                   |
|------------------------------------------|------------------------------------|-----------------------------------|-----------------------------------|
| <input type="checkbox"/> N/A             | <input type="checkbox"/> Prismatic | <input type="checkbox"/> Rosette  | <input type="checkbox"/> Acicular |
| <input type="checkbox"/> Microsphenoidal | <input type="checkbox"/> Sandy     | <input type="checkbox"/> Clusters |                                   |

## Epidermis

- |                                     |                                      |                                       |                                   |
|-------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|
| <input type="checkbox"/> N/A        | <input type="checkbox"/> Thin walled | <input type="checkbox"/> Thick walled | <input type="checkbox"/> Striated |
| <input type="checkbox"/> Colourless | <input type="checkbox"/> Polygonal   | <input type="checkbox"/> Irregular    | <input type="checkbox"/> Oval     |

## Endothelial cells

- |                                    |                                      |                                       |                                        |
|------------------------------------|--------------------------------------|---------------------------------------|----------------------------------------|
| <input type="checkbox"/> N/A       | <input type="checkbox"/> Thin walled | <input type="checkbox"/> Thick walled | <input type="checkbox"/> Beaded walled |
| <input type="checkbox"/> Polygonal | <input type="checkbox"/> Irregular   |                                       |                                        |

## Vessels

### Occurrence

- |                                |                              |                                   |                                   |
|--------------------------------|------------------------------|-----------------------------------|-----------------------------------|
| <input type="checkbox"/> N/A   | <input type="checkbox"/> Few | <input type="checkbox"/> Numerous | <input type="checkbox"/> Isolated |
| <input type="checkbox"/> Group |                              |                                   |                                   |

### Walls

- |                                    |                                      |                                       |                                        |
|------------------------------------|--------------------------------------|---------------------------------------|----------------------------------------|
| <input type="checkbox"/> N/A       | <input type="checkbox"/> Thin walled | <input type="checkbox"/> Thick walled | <input type="checkbox"/> Pits          |
| <input type="checkbox"/> Broken    | <input type="checkbox"/> Swollen     | <input type="checkbox"/> Uneven       | <input type="checkbox"/> Non lignified |
| <input type="checkbox"/> Lignified |                                      |                                       |                                        |

### Shape

- |                                      |                                  |                                 |                                     |
|--------------------------------------|----------------------------------|---------------------------------|-------------------------------------|
| <input type="checkbox"/> N/A         | <input type="checkbox"/> Annular | <input type="checkbox"/> Spiral | <input type="checkbox"/> Reticulate |
| <input type="checkbox"/> Scalariform |                                  |                                 |                                     |

### Lumen

- |                              |                               |                                 |  |
|------------------------------|-------------------------------|---------------------------------|--|
| <input type="checkbox"/> N/A | <input type="checkbox"/> Wide | <input type="checkbox"/> Narrow |  |
|------------------------------|-------------------------------|---------------------------------|--|

## Parenchyma cell

### Occurrence

- ☐ N/A ☐ Few ☐ Abundant ☐ Groups

### Walls

- ☐ N/A ☐ Thick ☐ Thin ☐ Uneven  
☐ Beaded ☐ Lignified ☐ Non lignified

### Lumen filled with

- ☐ N/A ☐ Aleurone grains ☐ Starch granules ☐ Oil globules  
☐ Calcium oxalate crystals

### Shape

- ☐ Rounded ☐ Rectangular ☐ Elongated ☐ Oval  
☐ Polygonal ☐ Irregular

## Cotyledons

- ☐ N/A ☐ Thin walled ☐ Thick walled ☐ Polygonal  
☐ Rectangular ☐ Oval

## Sclereids

- ☐ N/A ☐ Stellate ☐ Elongated ☐ Pitted  
☐ Fibre like ☐ Lignified

## Anther

- ☐ N/A ☐ Thin walled ☐ Thick walled ☐ Oval  
☐ Polygonal ☐ Irregular

## Special Features

- ☐ Margin cell of bract ☐ Tannin tube ☐ Fragment of schizolysigenous oil gland ☐ Stalk of anther lobe  
☐ Oil globules

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