



# SERRATA PTY LIMITED

Incorporated in WA

Suppliers of Educational, Scientific Equipment & Permanent Magnets

P.O.Box 73, Galston NSW 2159  
51 Cranstons Road, Dural NSW 2158, Australia  
Tel: (+612) 9651 3033

ACN 008 876 328  
ABN 84 300 358 154  
Web: [www.serrata.com.au](http://www.serrata.com.au)

## Instruction Manual Stem of a Monocot Plant Cat No 1066504



This model is made of high quality PVC, coloured in non-toxic paints. Fixed on a base.

Our model shows the structure of stem of a monocot plant both in horizontal section and vertical section. Represents epidermis, cortex ground tissue vascular cylinder. The epidermis shows grow cell and guard cell. The ground tissue is located in the epidermis. The several layers of cells near the epidermis are called sclerenchyma, and the rest is called parenchyma. The bundle are located randomly within the ground tissue.

The numbers on the models correspond to the following anatomical structures:

- |                   |                      |
|-------------------|----------------------|
| 1. Epidermis      | 2. Sclerenchyma      |
| 3. Parenchyma     | 4. Aperture tracheid |
| 5. Screw thread   | 6. Sieve tube        |
| 7. Companion cell |                      |