

ANATOMY

VEGETAL ORGANOGRAPHY



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FL-15
Typical flower.

Shows basic structural elements: petal, sepal, stem, pistil, stamen. Anther and pistil are dissected to reveal process of fertilization. Mounted on base. Dimensions: 38 x 25 x 2 cm. Sh. wt. 1,10 Kgs.



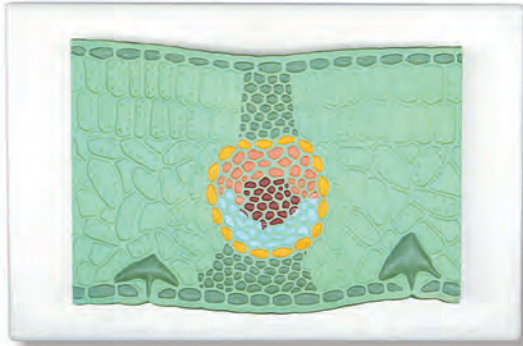
FL-65
Dicotyledon flower.

Highly magnified to demonstrate the floral components and reproductive function of the flower. The petals, sepals, and stamens are detachable and each is sectioned to show pollen grains. A pollen grain with pollen tube entering the ovary is shown. Mounted on a base and supplied with key card. Dimensions: 36 x 25 x 43 cm. Sh. wt. 2,60 Kgs.



FL-95
Dicotyledon flower.

Highly magnified for maximum visibility. It separates into 12 parts. Dissections expose the intricacies of angiosperm reproduction. Representing a greatly enlarged idealized complete flower, this non-breakable vinyl plastic model demonstrates the reproductive function of flowers, angiosperm pollination, and fertilization. It incorporates all 4 floral series: the sterile calyx (sepals) and corolla (petals): the fertile androecium (stamens) and gynoecium (pistil). Three petals, four sepals, and four stamens are detachable. Two anthers are sectioned open to expose pollen grains. The ovary is dissected to reveal the 7-celled female gametophyte. Dimensions: 36 x 25 x 43 cm. Sh. wt. 2,90 Kgs.



HM-40
Monocotyledon leaf.

Transverse section. Model shows complete details of internal structure of a typical leaf. On stand with base. Dimensions: 38 x 25 x 2 cm. Sh. wt. 1,60 Kgs.



HO-90
Dicotyledon leaf.

The model demonstrates semi-schematically the structure of a typical leaf in dorso-ventral section (as seen under the microscope). The two epidermis (the inferior with stomata), the palisade tissue, the lacunar tissue, the section of a bundle of nerves (nervature), as well as a cyst and a small bundle of crystals of calcium oxalate (raphides) are highly visible. Dimensions: 43 x 33 x 22 cm. Sh. wt. 2,90 Kgs.

HD-40
Dicotyledon leaf

Transverse section. Model shows full details of internal anatomy of a young leaf. On stand with base, (not illustrated). Dimensions: 28 x 25 x 2 cm. Sh. wt. 1,60 Kgs.



PC-10
Plant cell.

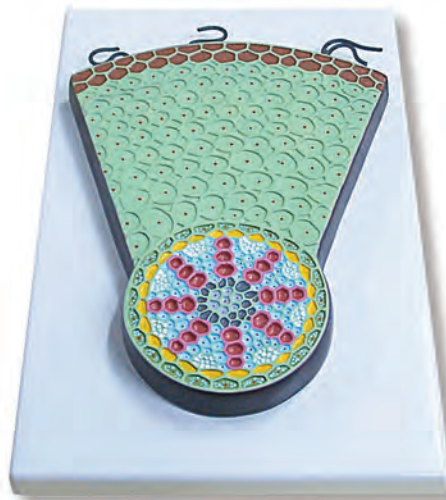
A highly magnified representation of a typical and generalized plant cell, showing both microscopic and ultramicroscopic detail. The structures are shown in section and in relief. Supplied with manual. Dimensions: 23 x 10 x 30 cm. Sh. wt. 2,30 Kgs.

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RD-40
Dicotyledon root.

Transverse section. Complete internal anatomy of a young root. On stand with base.
Dimensions: 38 x 25 x 2 cm. Sh. wt. 1,30 Kgs.



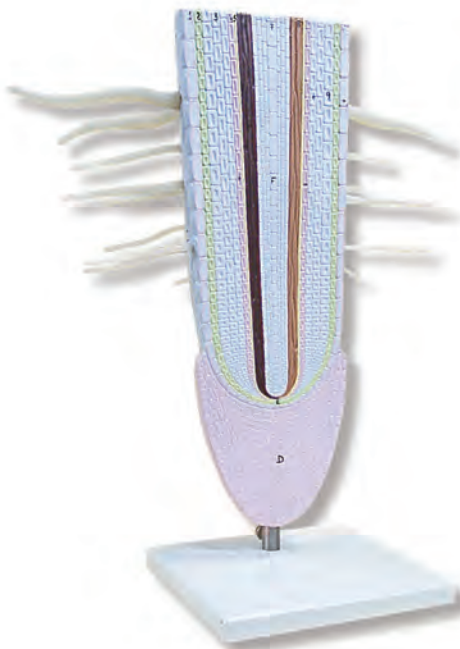
RM-40
Monocotyledon root.

Transverse section. Model shows full details of internal anatomy of a young root. On stand with base.
Dimensions: 38 x 25 x 2 cm. Sh. wt. 1,30 Kgs.



TA-40
Dicotyledon stem.

Transverse section. Model shows different tissues and vascular bundles in transverse section. On stand with base.
Dimensions: 38 x 25 x 2 cm. Sh. wt. 1,50 Kgs.



RZ-90
Dicotyledon root.

The primary structure of the root is characterized by the presence of the epidermis with the root hair; the suberic layer; the cortical cylinder, limited to the inmost part of the endoderm, by the central cylinder enclosed in the pericycle and presenting the fasciated bundles in ray-like positions (xilematics) with sieve like cordons (phloematics), alternating with vascular rays.
Dimensions: 20 x 20 x 48 cm.
Sh. wt. 2,80 Kgs.



TA-50
Dicotyledon stem (secondary structure).

Model shows an enlarged microscopic view of secondary structures with very precise details of internal parts. All structures are shown in an accurate and proportional manner.
Dimensions: 20 x 20 x 19 cm.
Sh. wt. 1,30 Kgs.



TA-60
Dicotyledon stem (primary structure).

Model shows an enlarged microscopic view of the epidermis with simple conducting bundles and other internal parts. All structures are shown in an accurate and proportional manner.
Dimensions: 38 x 25 x 18 cm.
Sh. wt. 1,70 Kgs.



TA-90
Dicotyledon stem.

The model shows the epidermis, the cortical cylinder, the pericycle, the circle of the collaterals with its phloem, xylem and ring of cambium, the primary pithy rays and the pith. The whole is represented schematically but with the greatest possible approximation to life, with special attention to the correct proportions.
Dimension: 43 x 33 x 22 cm. Sh. wt. 3,00 Kgs.

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