

MYCOLOGY

MYCOLOGY



**STUDY
FUNGI DIVERISTY**

MYCOLOGY



FUNGI DIVERSITY



ZOOLOGY

ZOOLOGY



STUDY

ANIMAL DIVERISTY

ZOOLOGY



ANIMAL DIVERSITY





!!!DO NOT COPY!!!

**ZOOLOGY
DISCIPLINES**

!!!DO NOT COPY!!!



BIRDS



ORNITHOLOGY

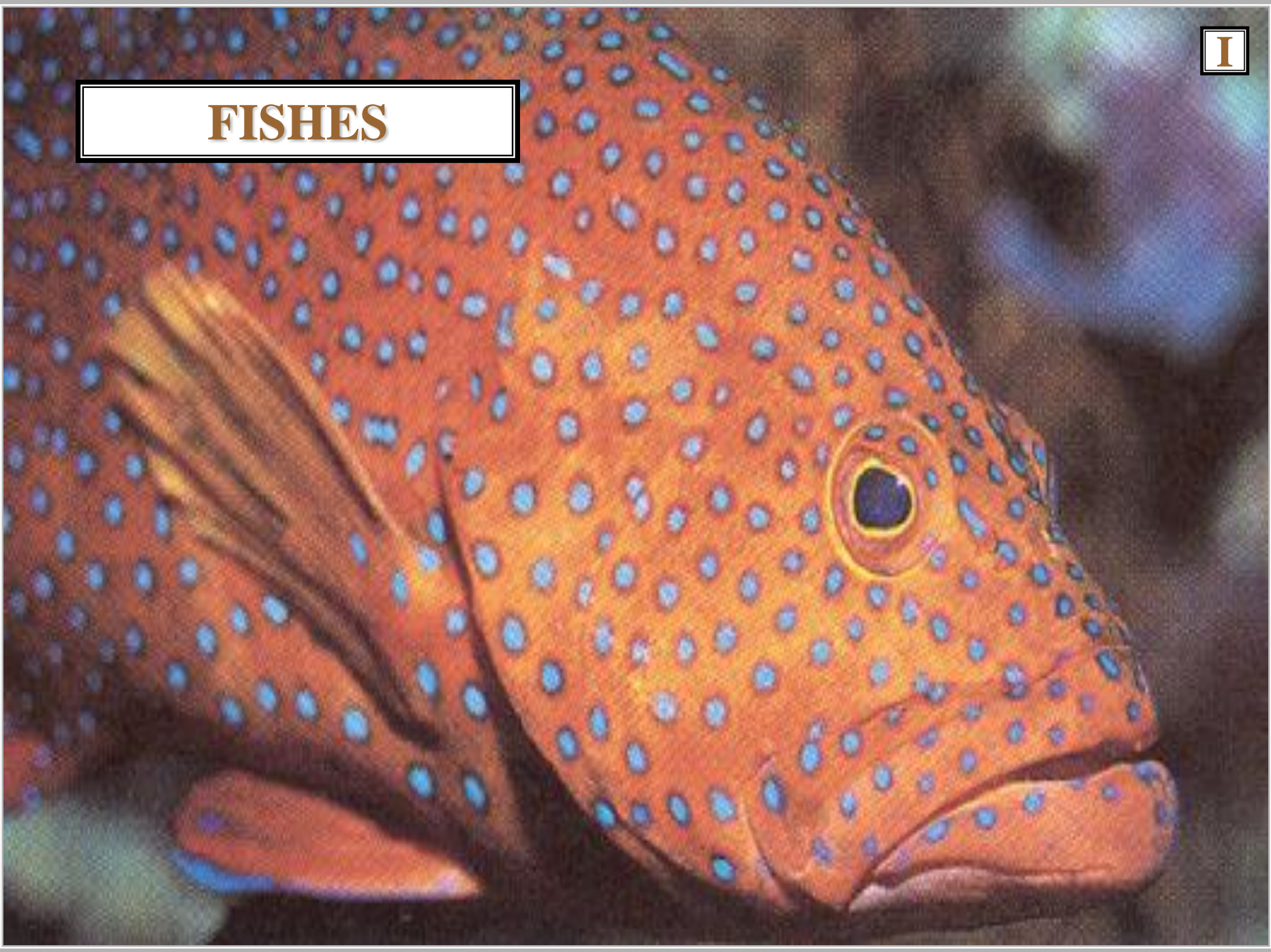
INSECTS



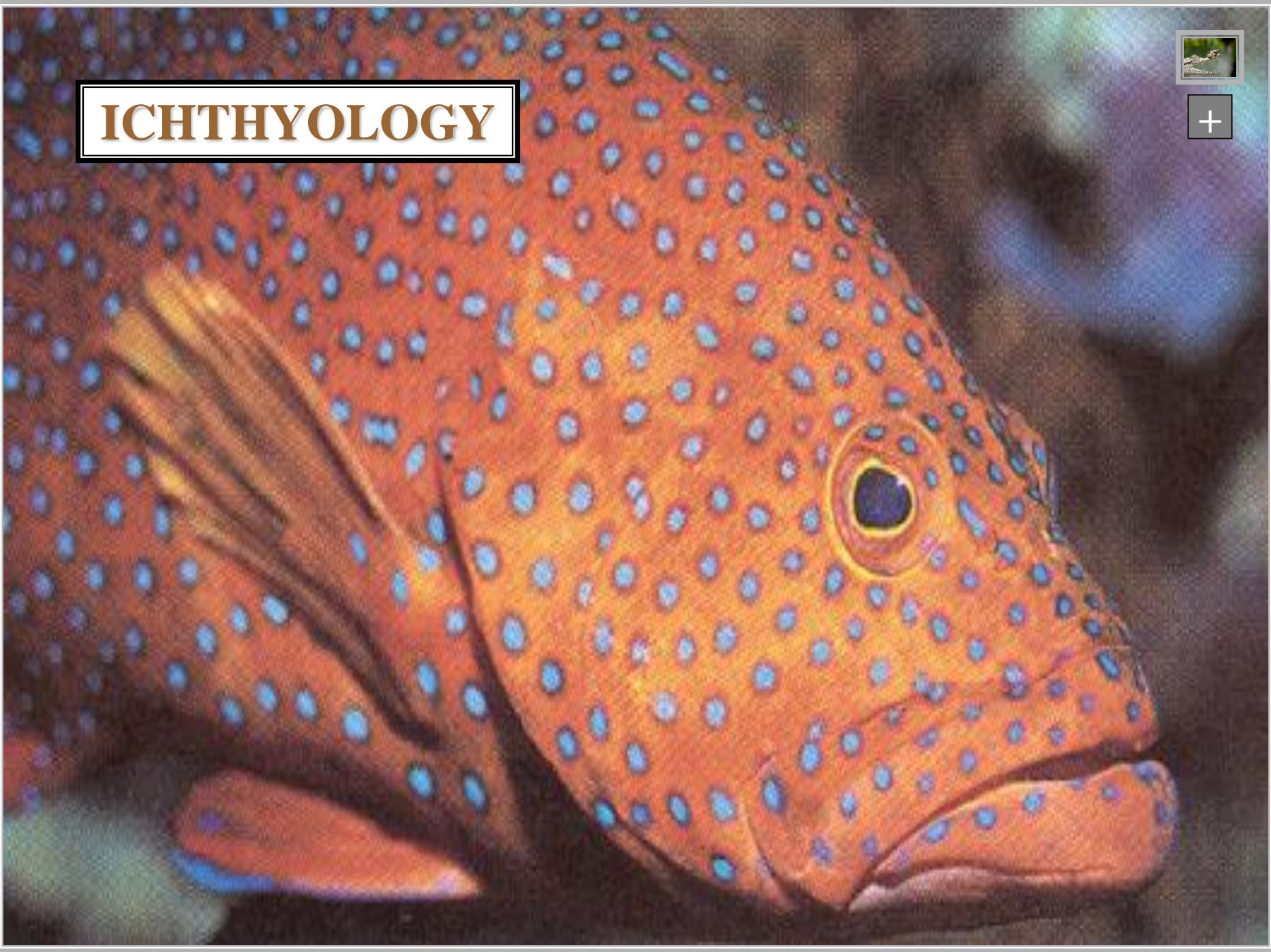
ENTOMOLOGY



FISHES



ICHTHYOLOGY



REPTILES & AMPHIBIANS



HERPETOLOGY



MAMMALS

A herd of zebras with black and white stripes is shown in a savanna setting with tall, dry grass. The zebras are facing forward, and their stripes create a strong visual pattern. In the top right corner, there is a small white box containing an exclamation mark, and below it, another small white box containing the letter 'B'.

!

B

MAMMOLOGY

BOTANY

BOTANY



STUDY

PLANT DIVERSITY

BOTANY



PLANT DIVERSITY





INTRODUCTION

BOTANY

BOTANIST

BOTANIST

BOTANIST



PLANT BIOLOGIST

BOTANIST



BOTANIST
PLANT BIOLOGIST



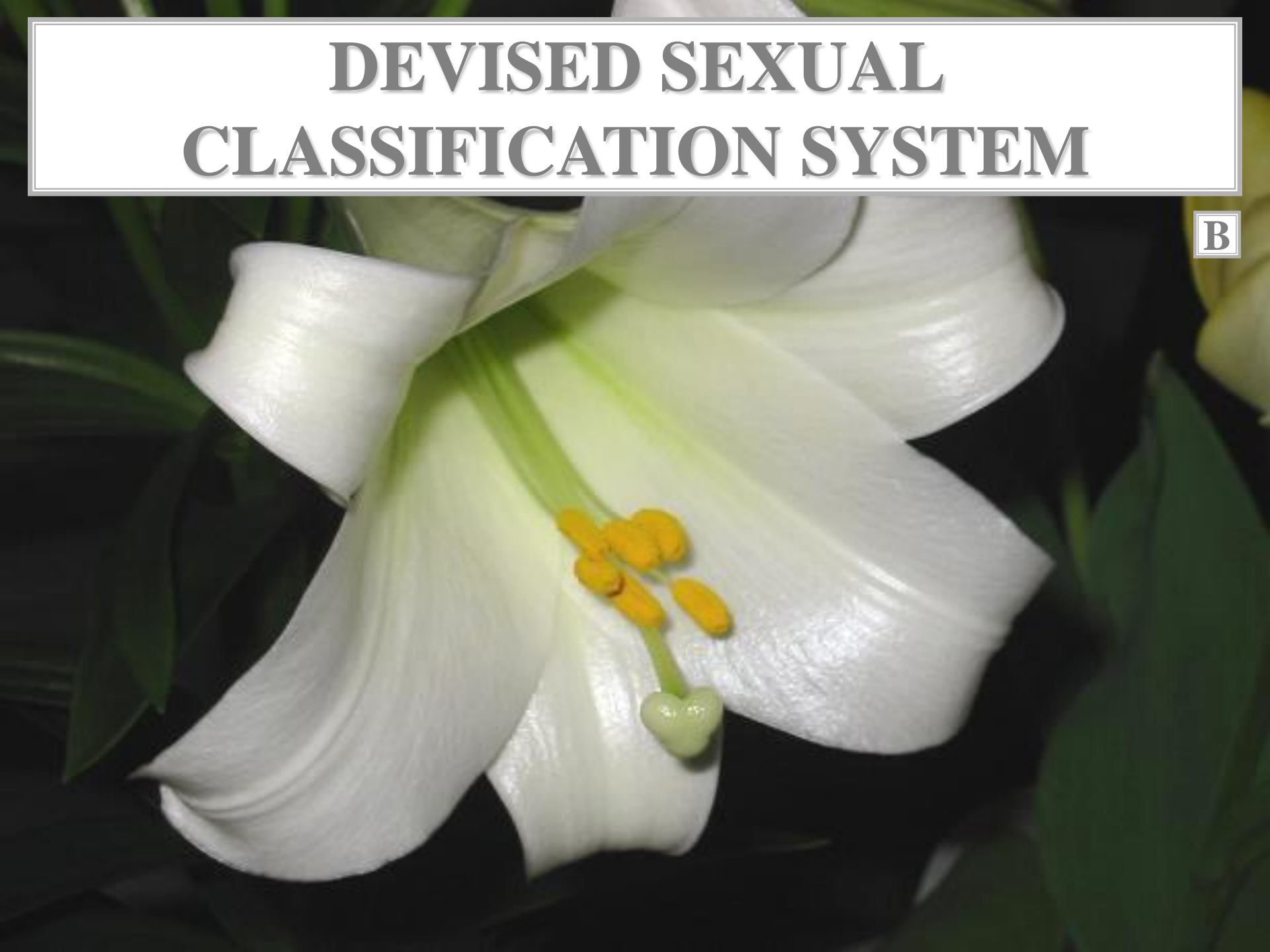
SWEDISH BOTANIST



CARL LINNAEUS

DEVISED SEXUAL CLASSIFICATION SYSTEM

B





BASED ON STAMEN & PISTIL NUMBER



WIDELY ACCEPTED CLASSIFICATION



CARL LINNAEUS

**PALEOBOTANIST
VS
NEOBOTANIST**

PALEOBOTANIST



PALEOBOTANIST

**STUDIES
EXTINCT FOSSIL
PLANTS**

PALEOBOTANIST



PALEOBOTANIST

N

FOSSIL PLANTS

EXTINCT PLANTS

NEOBOTANIST



NEOBOTANIST

**STUDIES
EXTANT LIVING
PLANTS**

NEOBOTANIST



NEOBOTANIST

^

EXTANT PLANTS

BOTANY DISCIPLINES

BOTANY DISCIPLINES

PHYCOLOGY

BOTANY DISCIPLINES

BOTANY DISCIPLINES

PHYCOLOGY

BRYOLOGY

BOTANY DISCIPLINES

BOTANY DISCIPLINES

PHYCOLOGY

BRYOLOGY

PTERIDOLOGY

BOTANY DISCIPLINES

BOTANY DISCIPLINES

PHYCOLOGY

BRYOLOGY

PTERIDOLOGY

SPERMATOLOGY

BOTANY DISCIPLINES

PHYCOLOGY

PHYCOLOGY



**STUDY
ALGAE DIVERSITY**

PHYCOLOGY

**PHYCOLOGY
STUDY
ALGAE DIVERSITY**

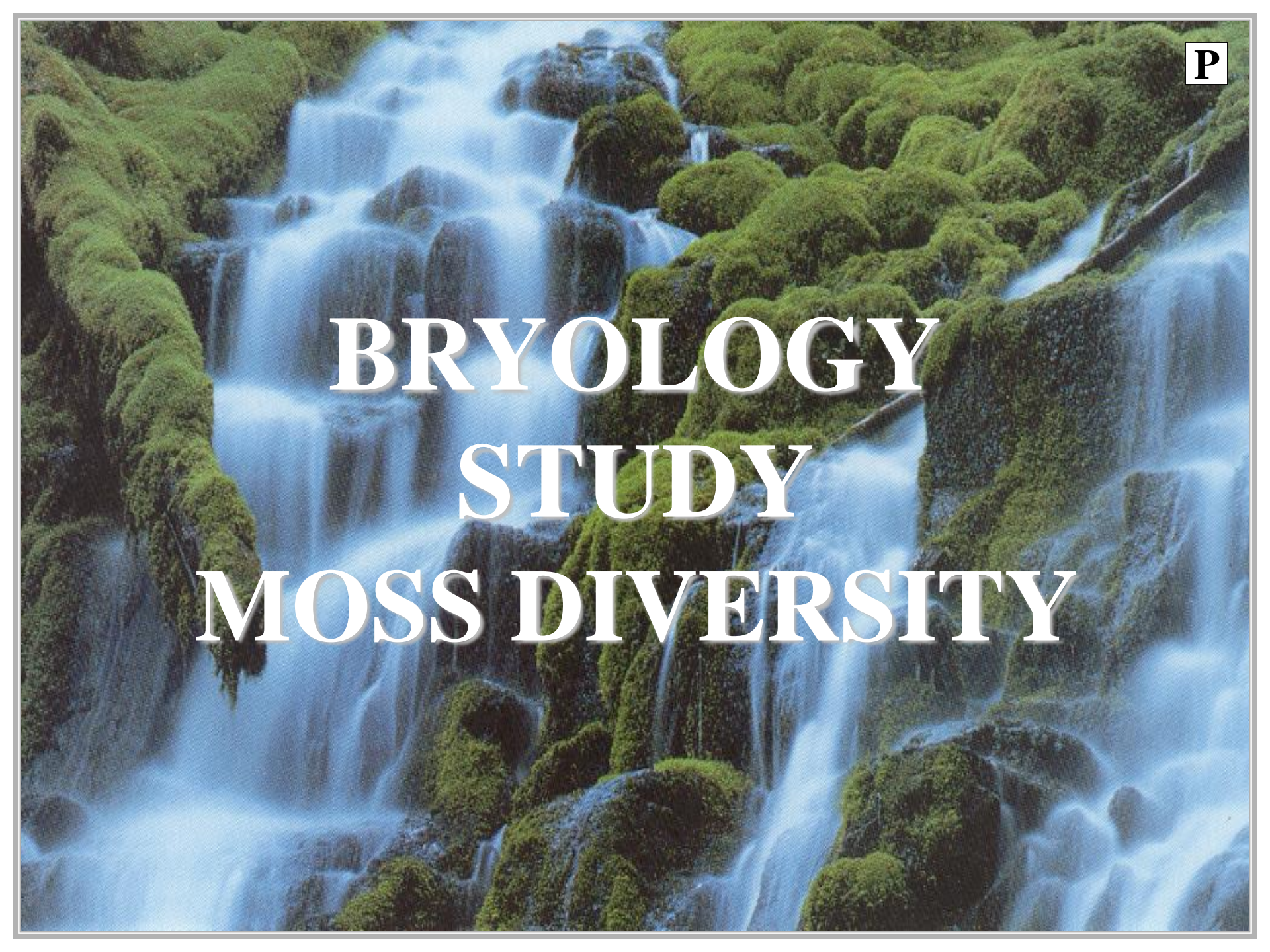
BRYOLOGY

BRYOLOGY



STUDY MOSS DIVERSITY

BRYOLOGY

A photograph of a waterfall in a lush, mossy forest. The water is cascading over rocks covered in vibrant green moss. The scene is vibrant and natural, with sunlight filtering through the trees.

BRYOLOGY STUDY MOSS DIVERSITY

PTERIDOLOGY

PTERIDOLOGY



STUDY FERN DIVERSITY

PTERIDOLOGY

PTERIDOLOGY
STUDY
FERN DIVERSITY

SPERMATOLOGY


SPERMATOLOGY



STUDY

SEED PLANT DIVERSITY

SPERMATOLOGY

A close-up photograph of a pine branch with several young, developing pine cones and clusters of green needles. The background is a soft-focus green.

SPERMATOLOGY STUDY SEED PLANT DIVERSITY

SEED PLANTS

G



?

A



GYMNOSPERMS

ANGIOSPERMS





ZOOLOGY DISCIPLINES





BOTANY DISCIPLINES





ALABAMA

BIOLOGY

HIGHSCHOOL

CLASS



BOTANY

SUBDISCIPLINES

BOTANY SUBDISCIPLINES

PHYSIOLOGY

CYTOLOGY

HISTOLOGY

ANATOMY

MORPHOLOGY

PHYLOGENY

TAXONOMY

BOTANY SUBDISCIPLINES

PHYSIOLOGY

PHYSIOLOGY



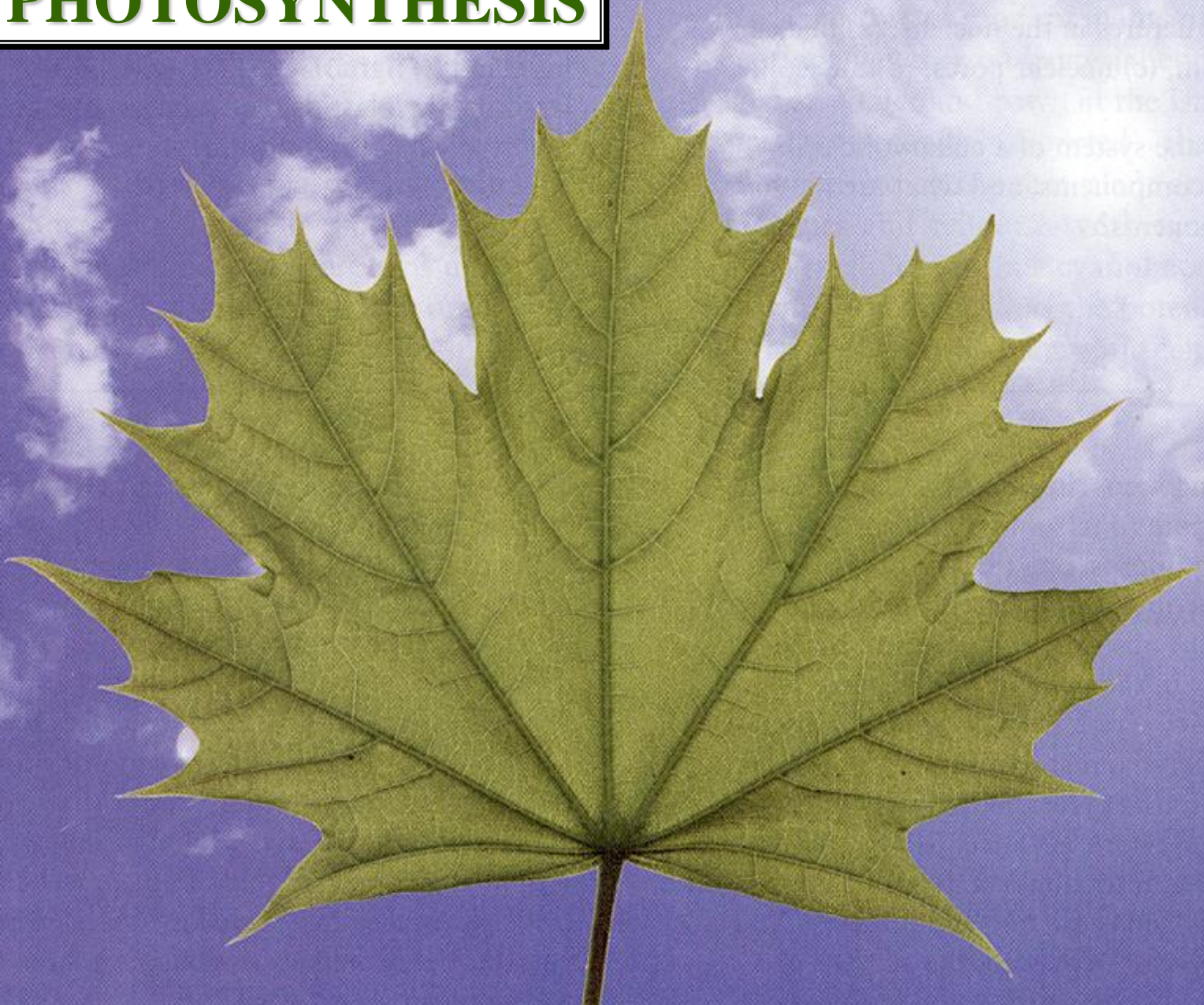
**STUDY PLANT
BIOCHEMISTRY**

PHYSIOLOGY



**PHYSIOLOGY
STUDY
PLANT
BIOCHEMISTRY**

PHOTOSYNTHESIS



PHOTOSYNTHESIS

L



WATER

CO₂

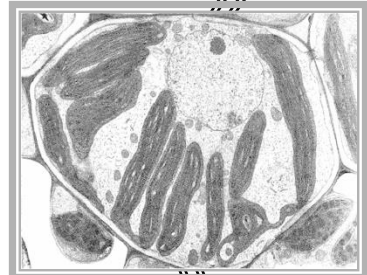
LIGHT ENERGY

PHOTO

ATMOSPHERE

E-

PHOTOLYSIS



?

CHEMICAL ENERGY

?

CHLOROPLAST

SYNTHESIS

CHEMICAL ENERGY INPUT

ATMOSPHERE

OXYGEN



PHOTOSYNTHESIS



D

?

WATER

CO₂

LIGHT ENERGY

PHOTO

ATMOSPHERE

E-

PHOTOLYSIS

LIGHT REACTION
THYLAKOID

THYLAKOID

CHEMICAL ENERGY

?

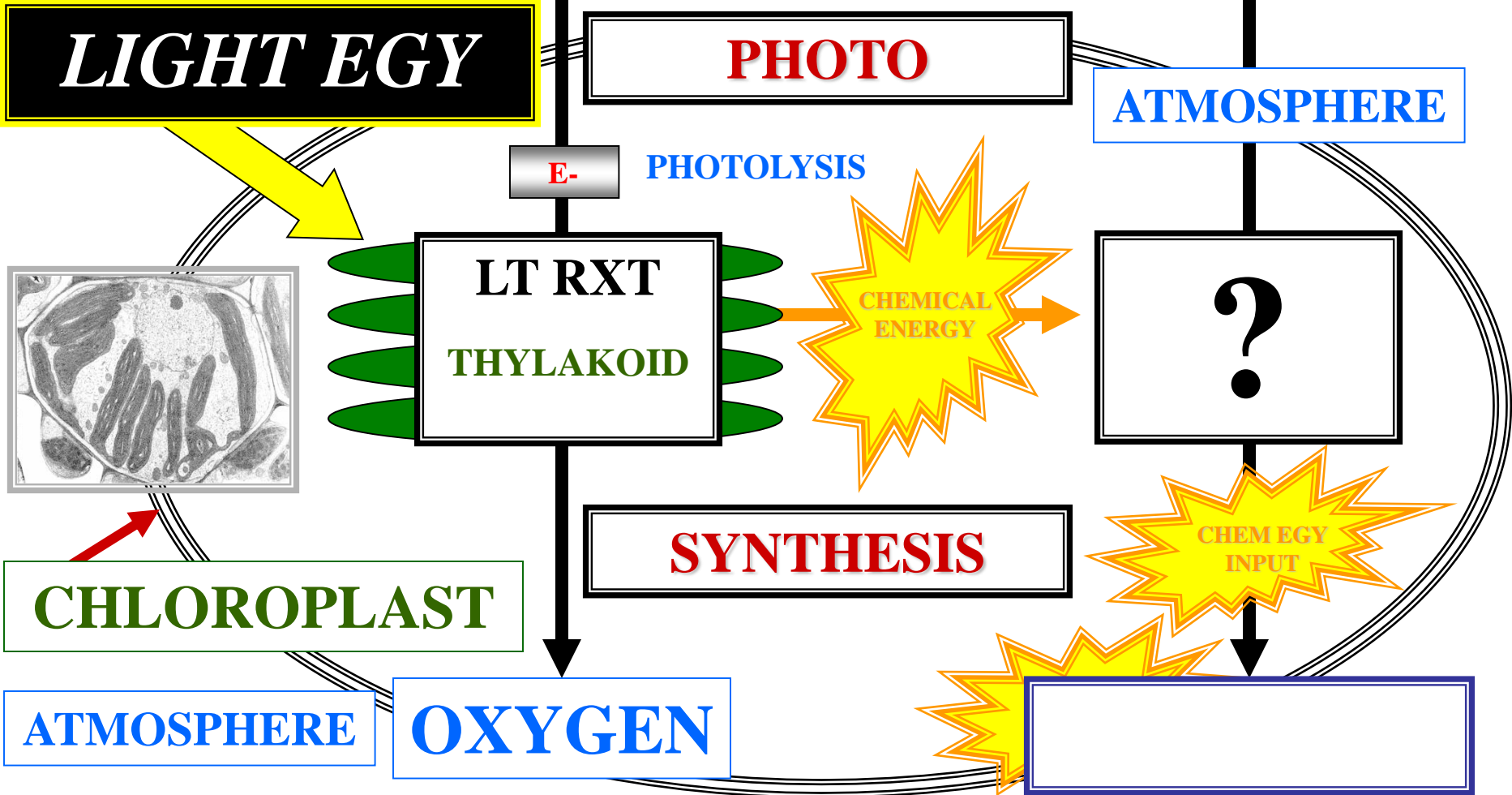
SYNTHESIS

CHEMICAL ENERGY INPUT

CHLOROPLAST

ATMOSPHERE

OXYGEN



PHOTOSYNTHESIS

G



WATER

CO₂

LIGHT ENERGY

PHOTO

ATMOSPHERE

E-

PHOTOLYSIS

LT RXT

THYLAKOID

CHEMICAL ENERGY

DK RXT

STROMA

SYNTHESIS

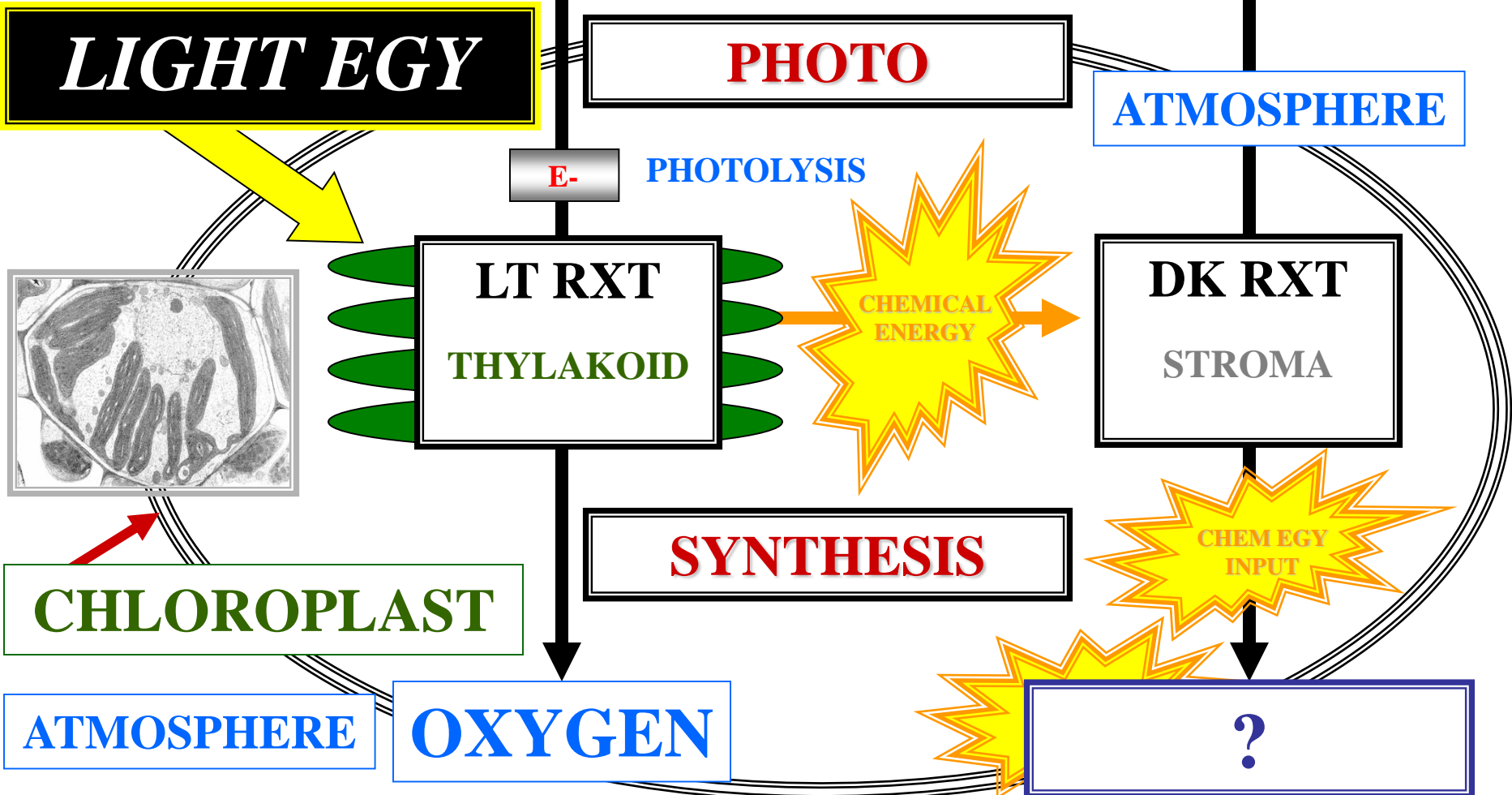
CHEMICAL ENERGY INPUT

CHLOROPLAST

ATMOSPHERE

OXYGEN

?



PHOTOSYNTHESIS



WATER

CO₂

^
C

LIGHT ENERGY

PHOTO

ATMOSPHERE

E-

PHOTOLYSIS

LT RXT

THYLAKOID

CHEMICAL ENERGY

DK RXT

STROMA

CHEMICAL ENERGY INPUT

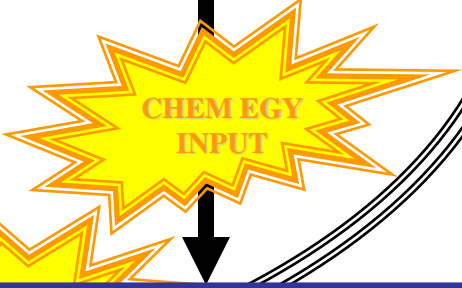
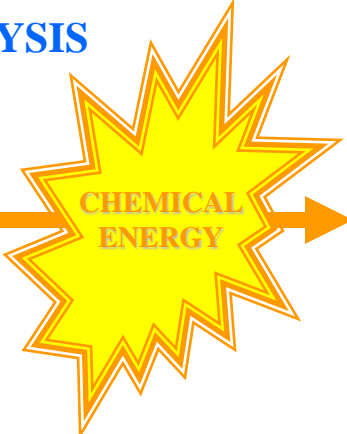
SYNTHESIS

CHLOROPLAST

ATMOSPHERE

OXYGEN

GLUCOSE



CYTOLOGY



CYTOLOGY

STUDY PLANT CELLS

CYTOLOGY

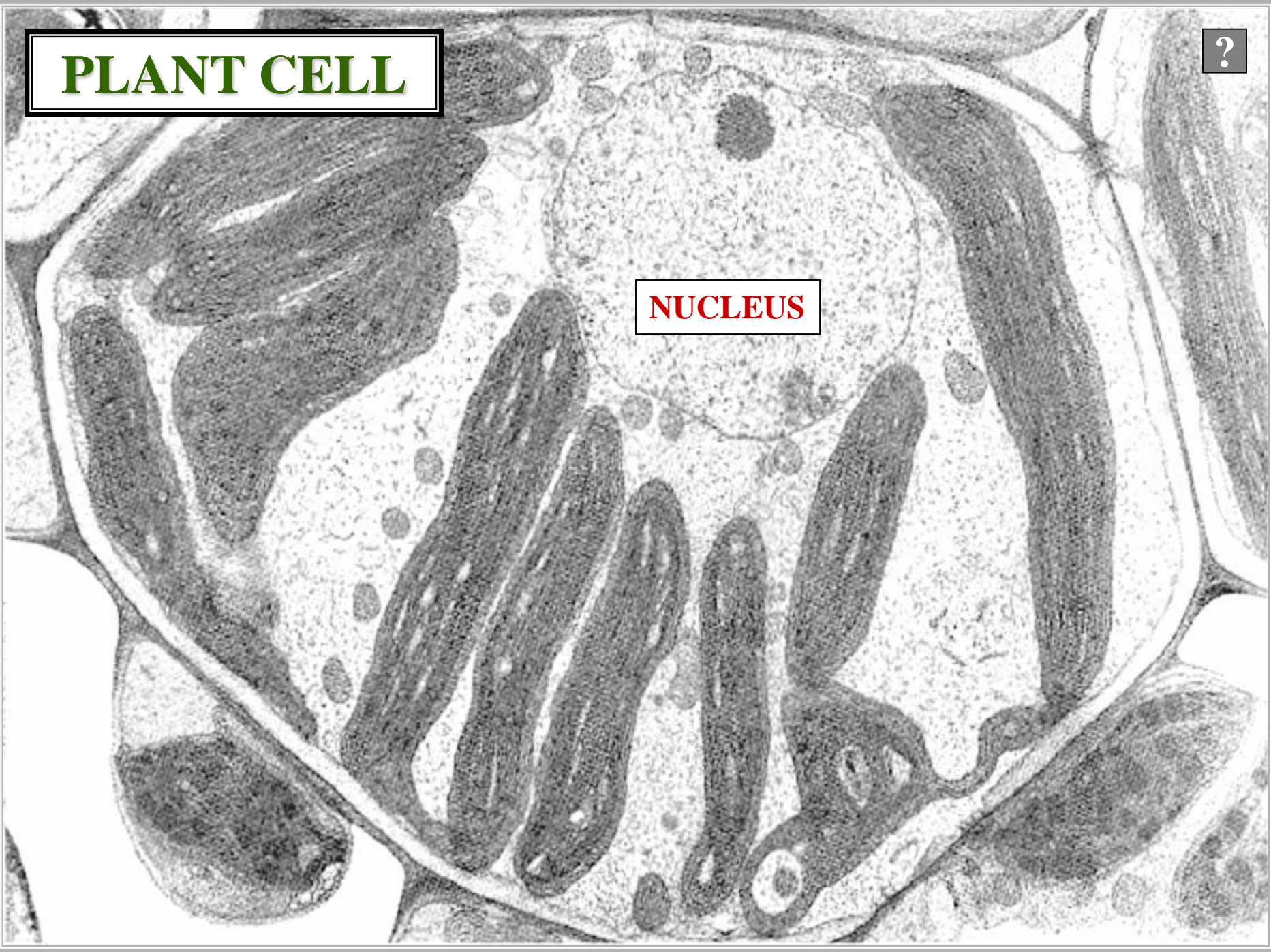


**CYTOLOGY
STUDY
PLANT CELLS**

PLANT CELL

?

NUCLEUS

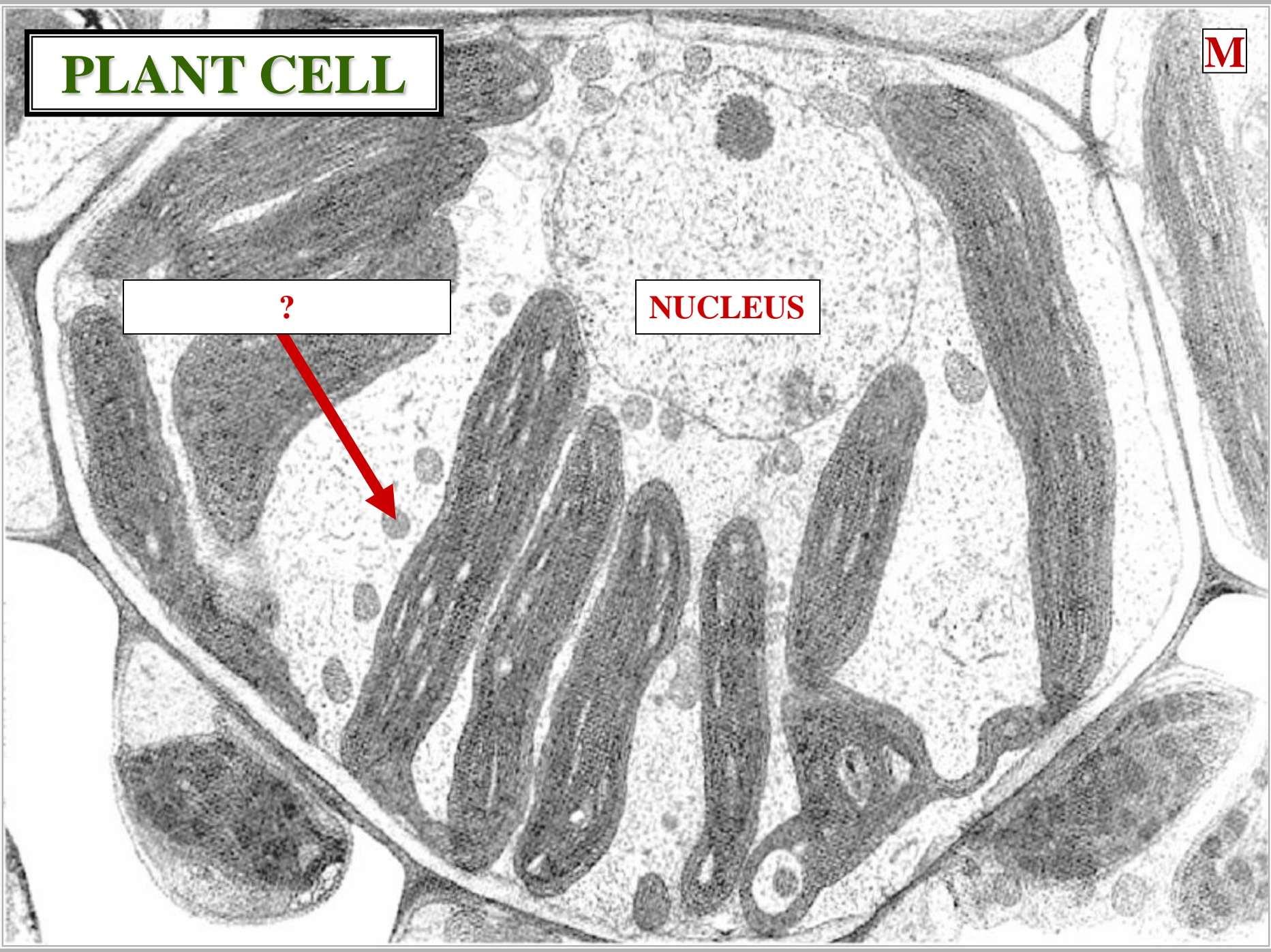
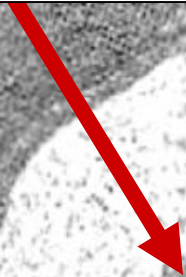


PLANT CELL

M

NUCLEUS

?

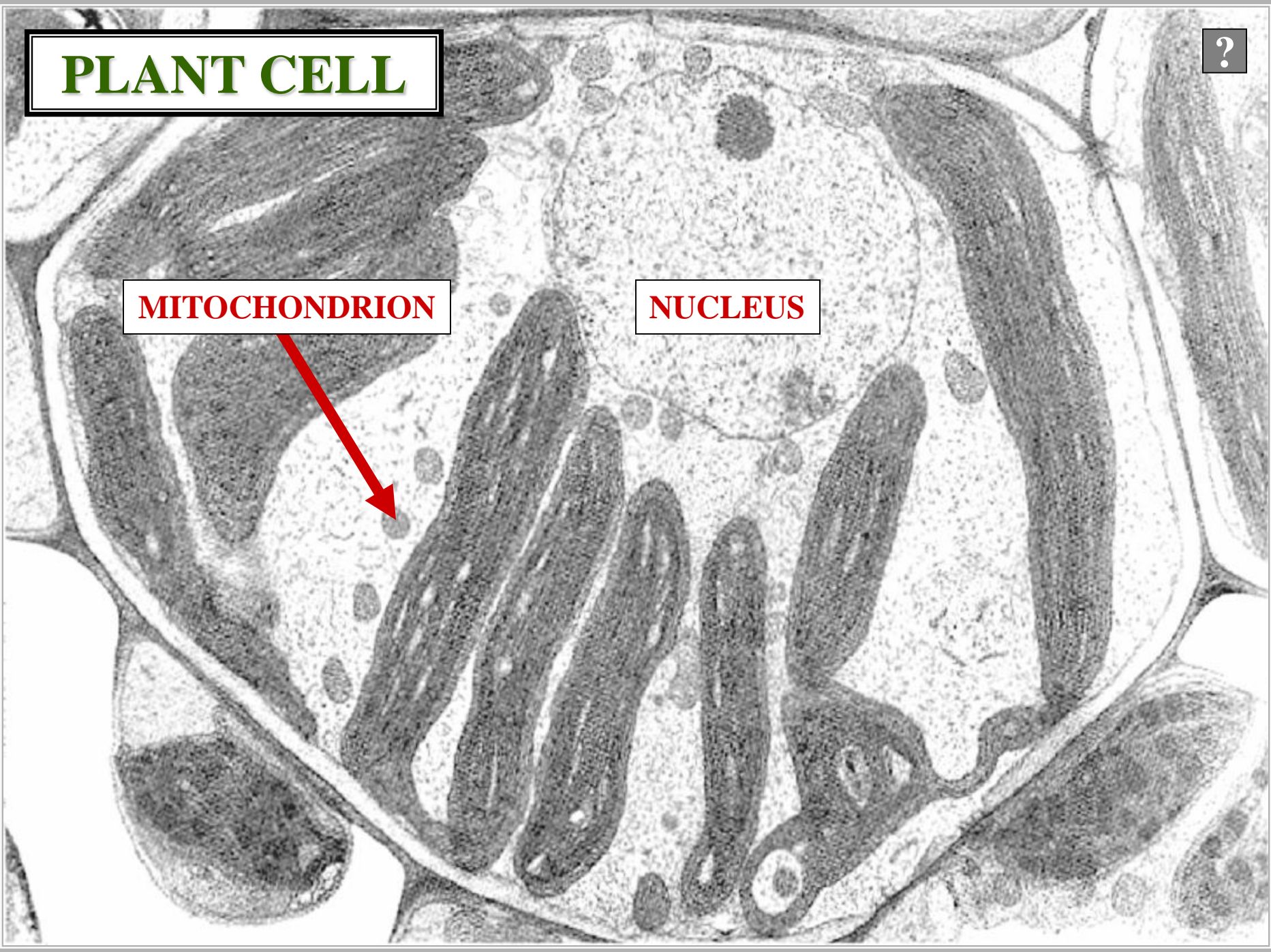
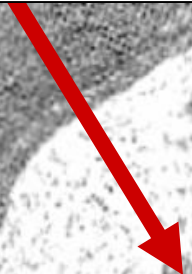


PLANT CELL

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MITOCHONDRION

NUCLEUS



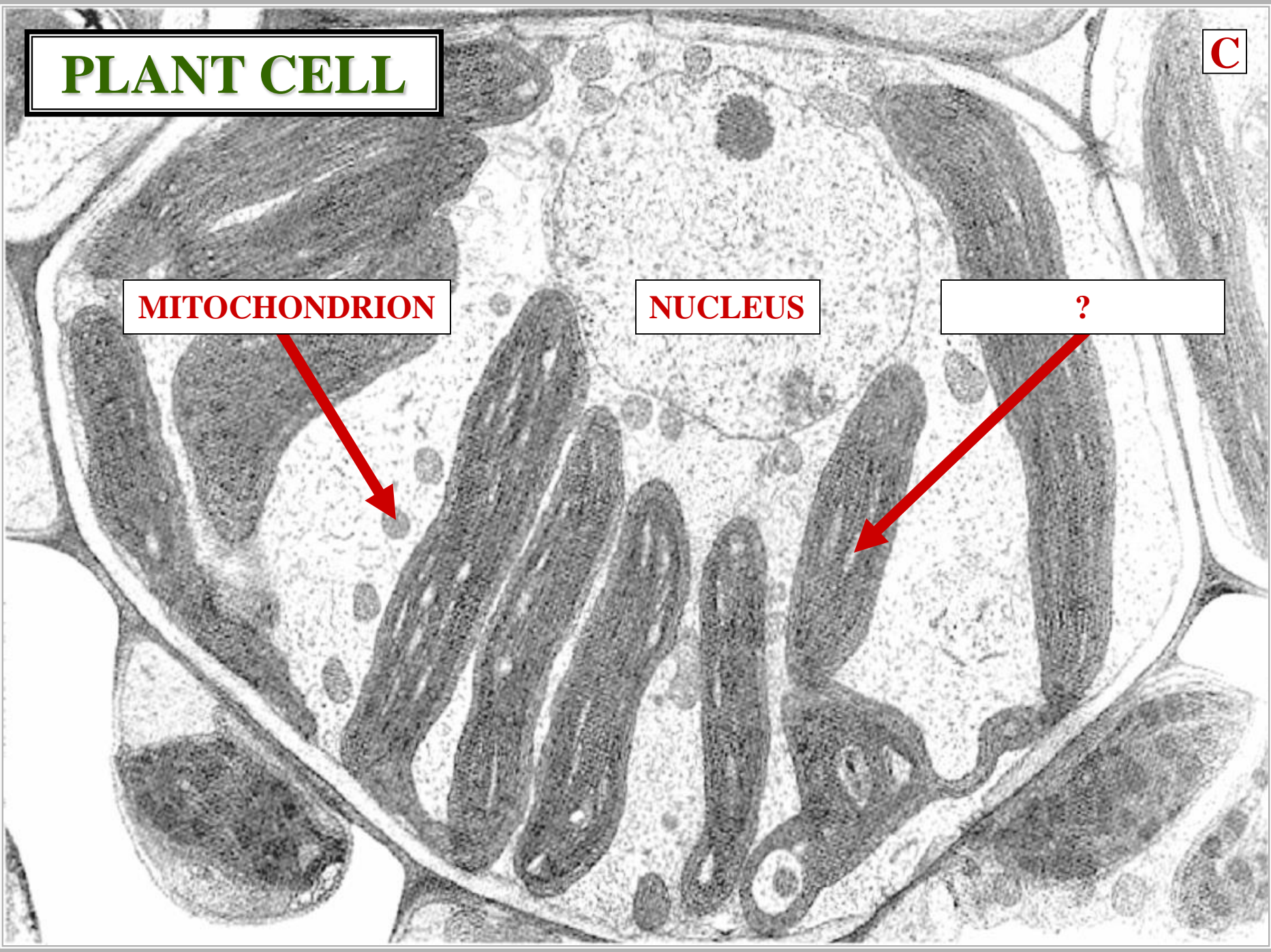
PLANT CELL

C

MITOCHONDRION

NUCLEUS

?



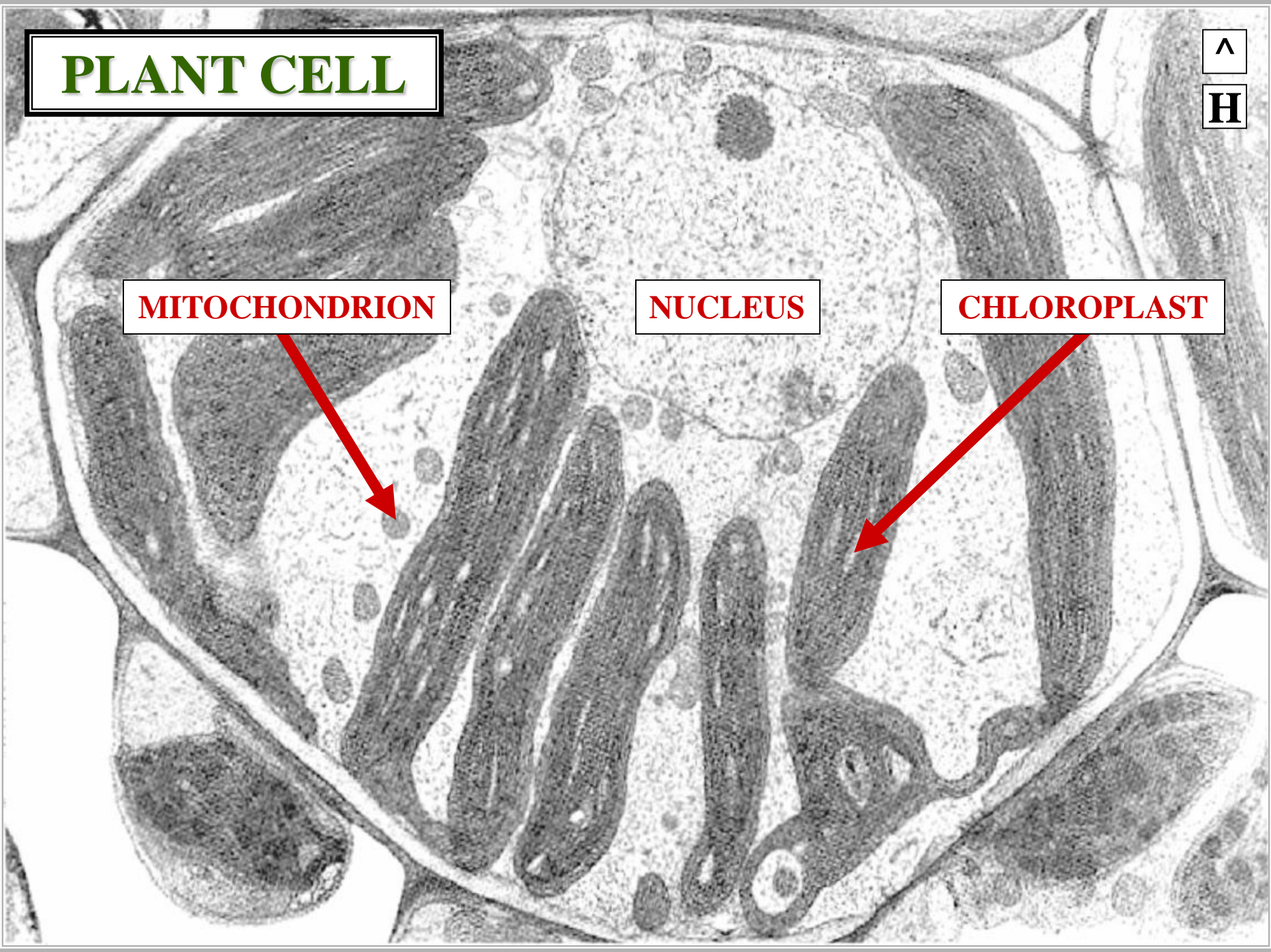
PLANT CELL

^
H

MITOCHONDRION

NUCLEUS

CHLOROPLAST



HISTOLOGY

HISTOLOGY



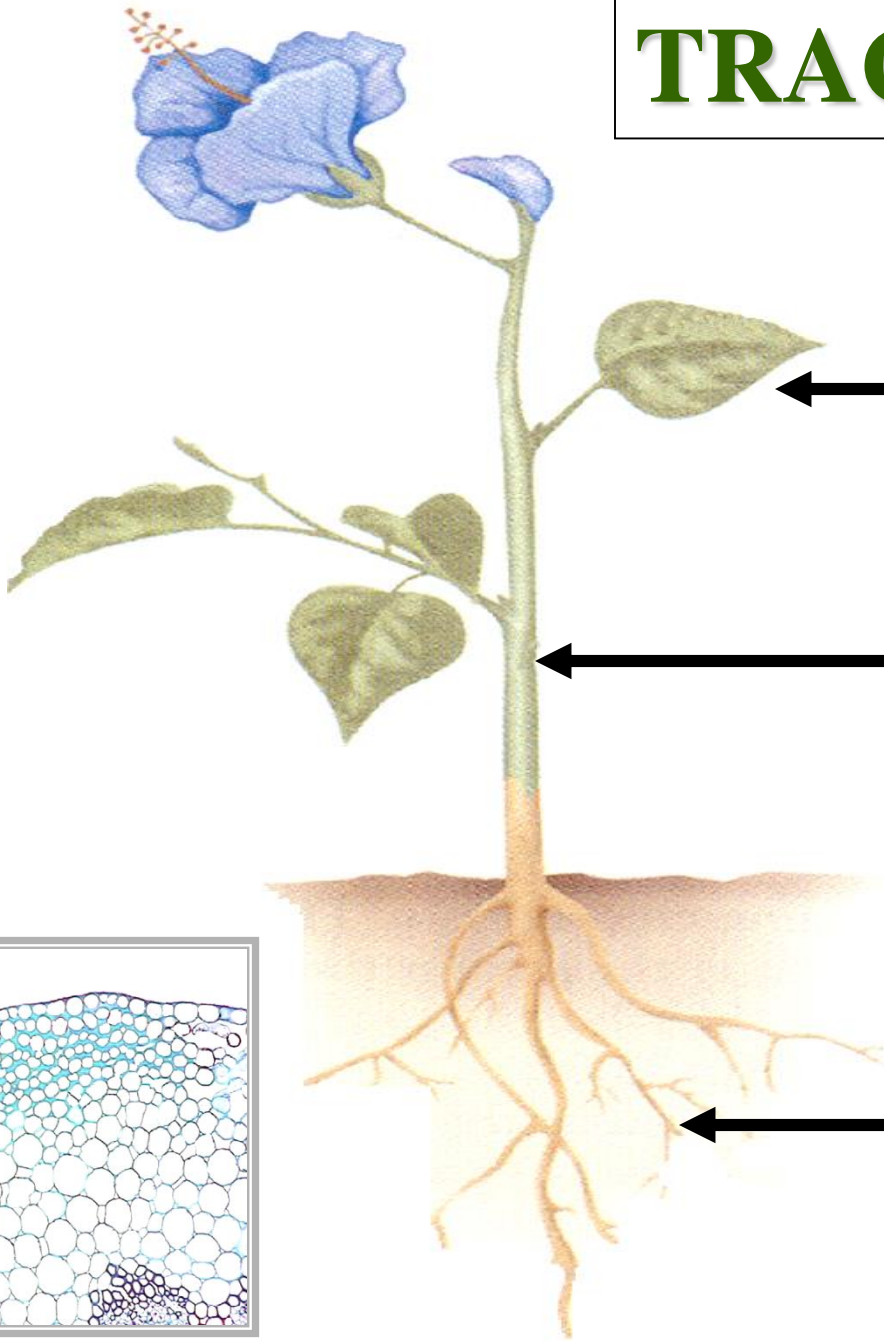
STUDY PLANT TISSUES

HISTOLOGY



HISTOLOGY STUDY PLANT TISSUES

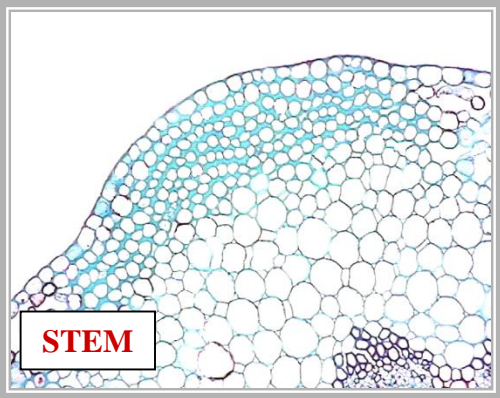
TRACHEOPHYTE



LEAF

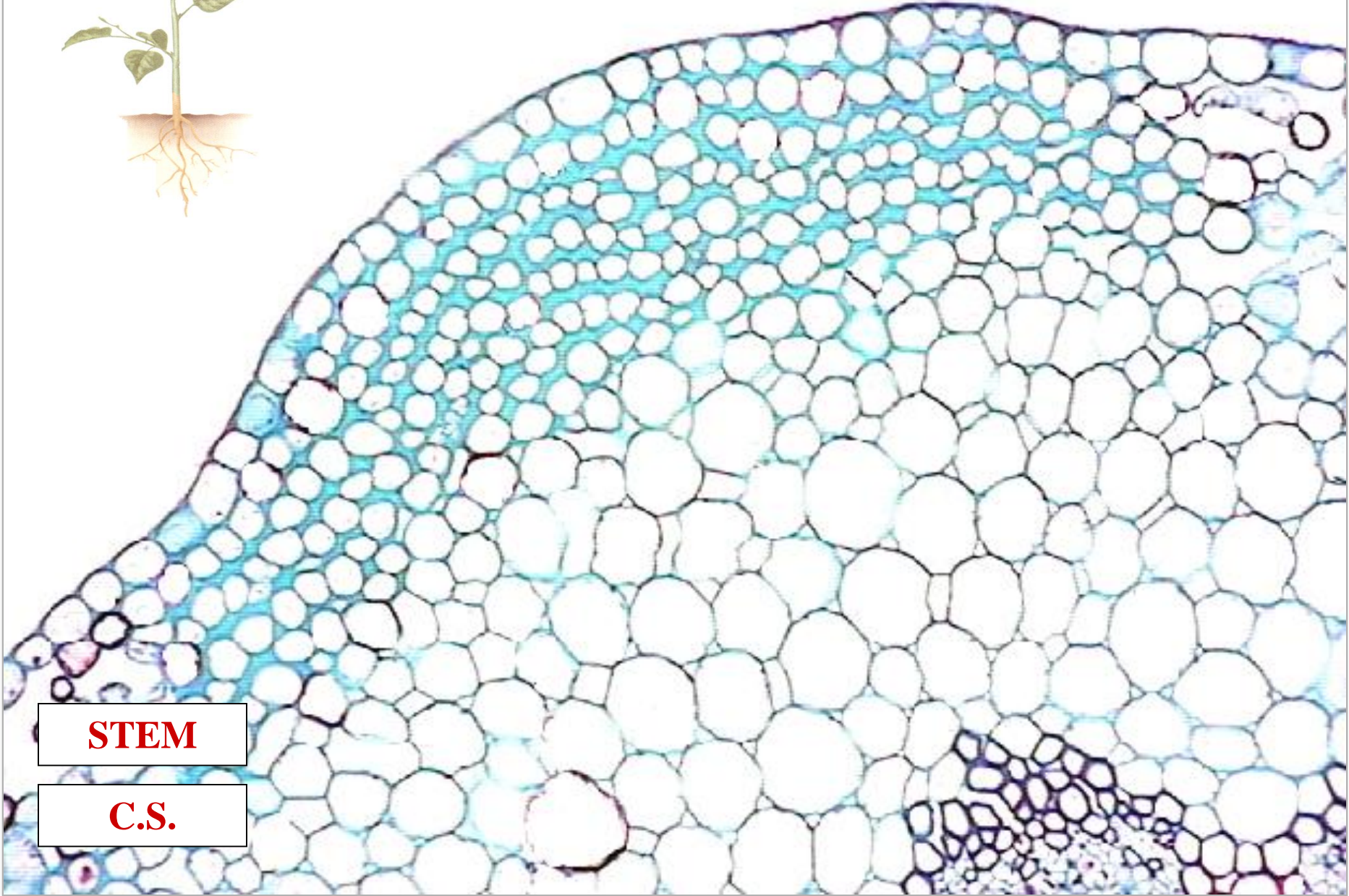
STEM

ROOT



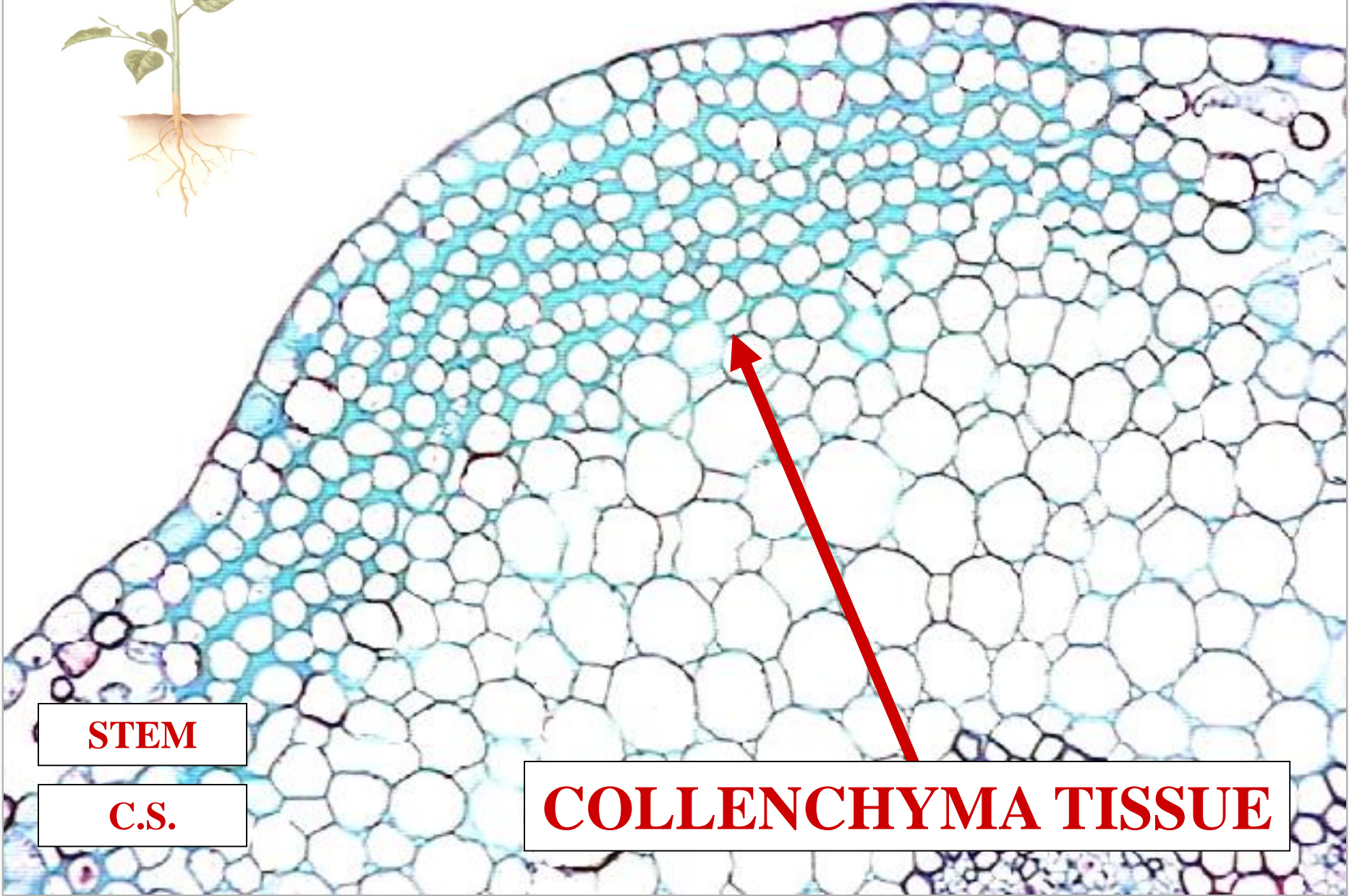
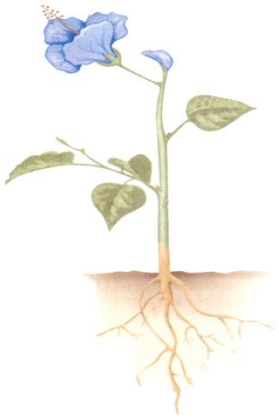
STEM

C



STEM

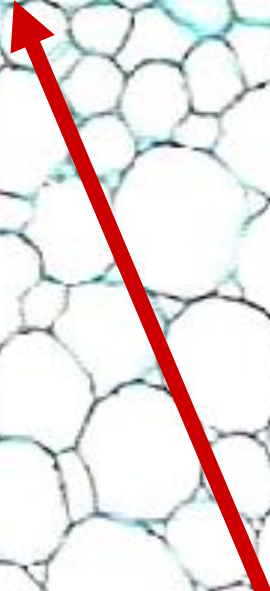
C.S.

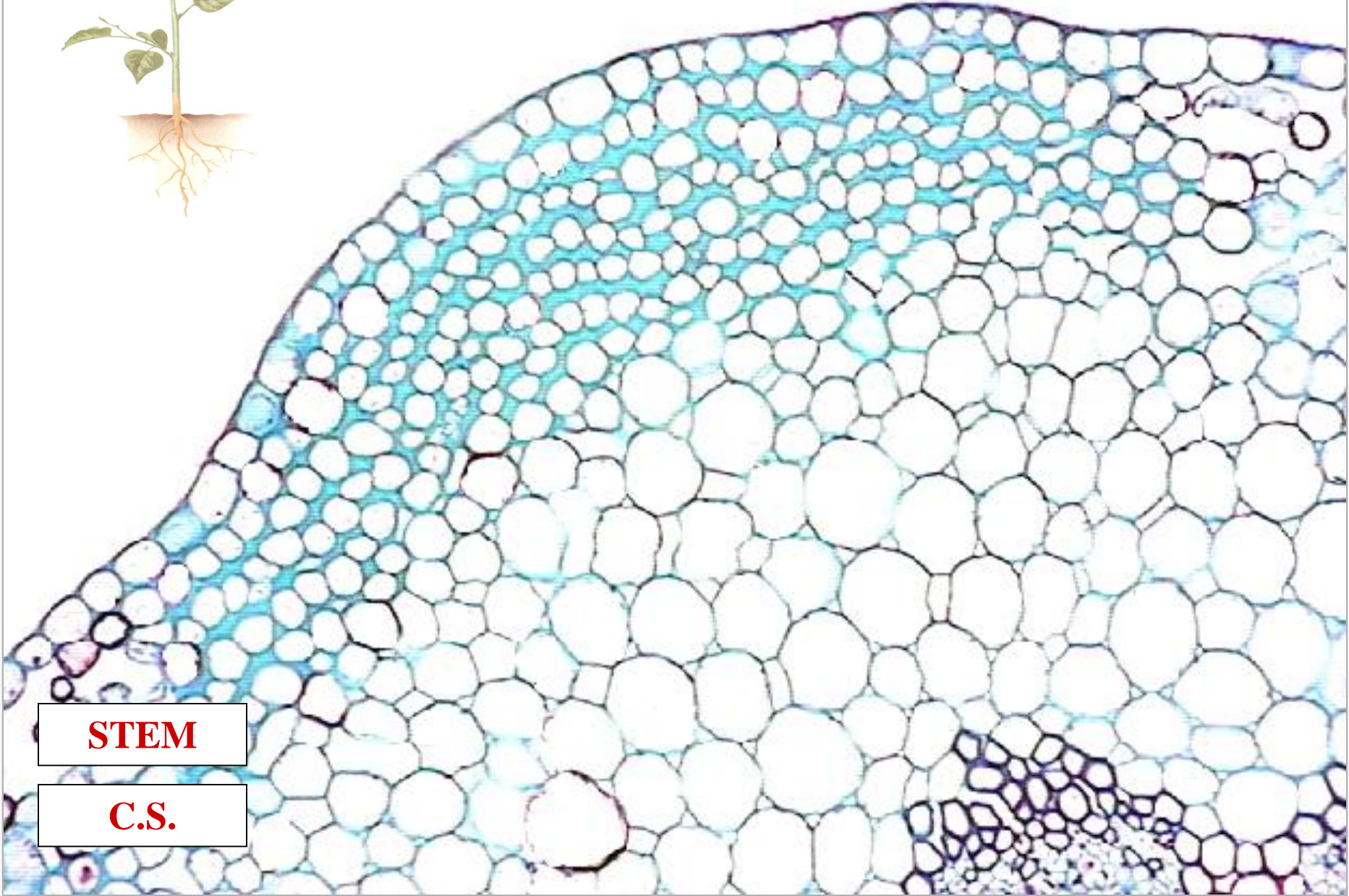
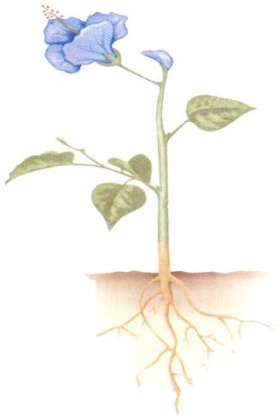


STEM

C.S.

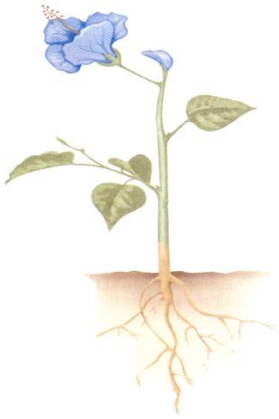
COLLENCHYMA TISSUE



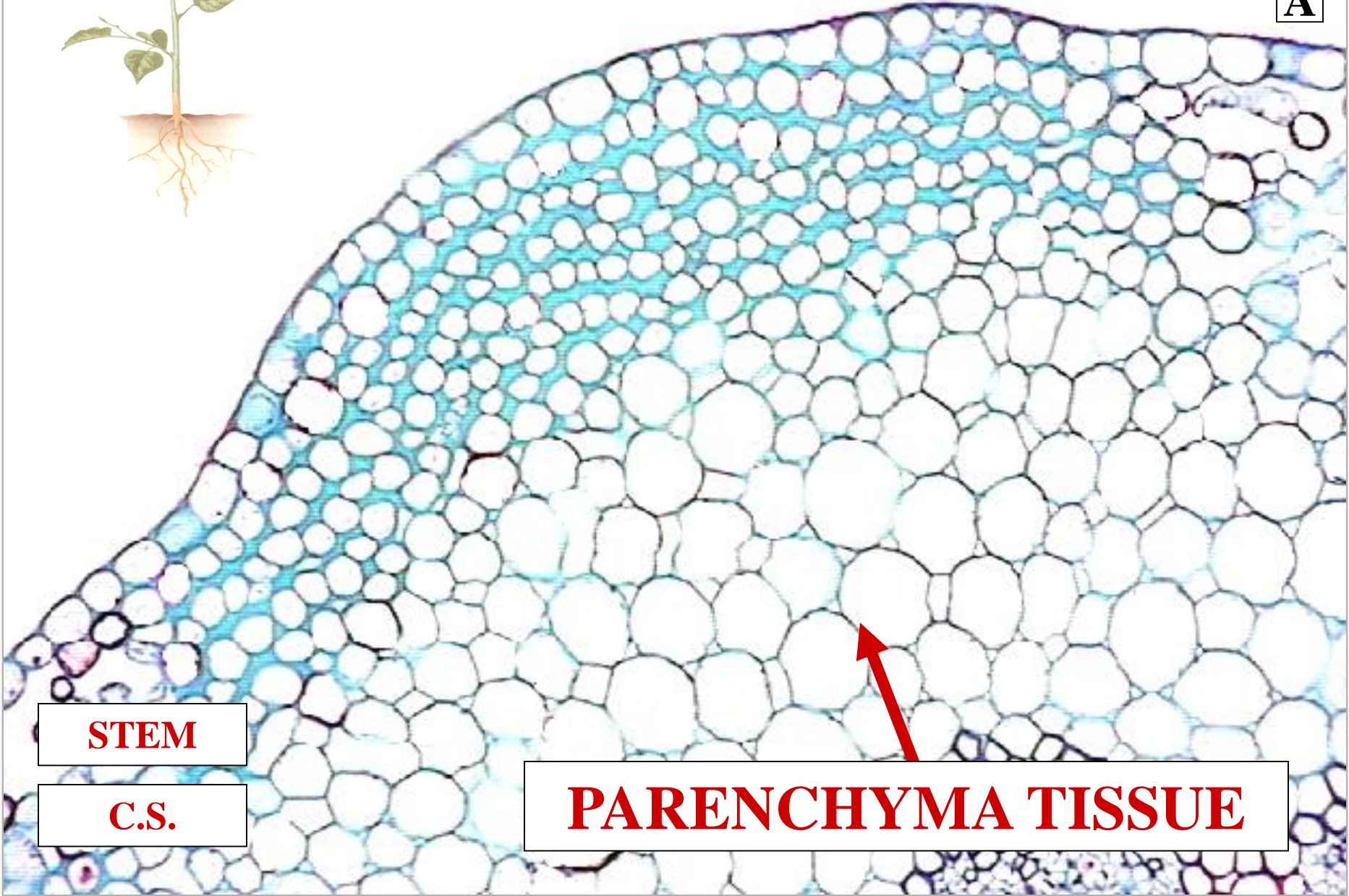


STEM

C.S.



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A



STEM

C.S.

PARENCHYMA TISSUE

ANATOMY

ANATOMY



STUDY PLAN

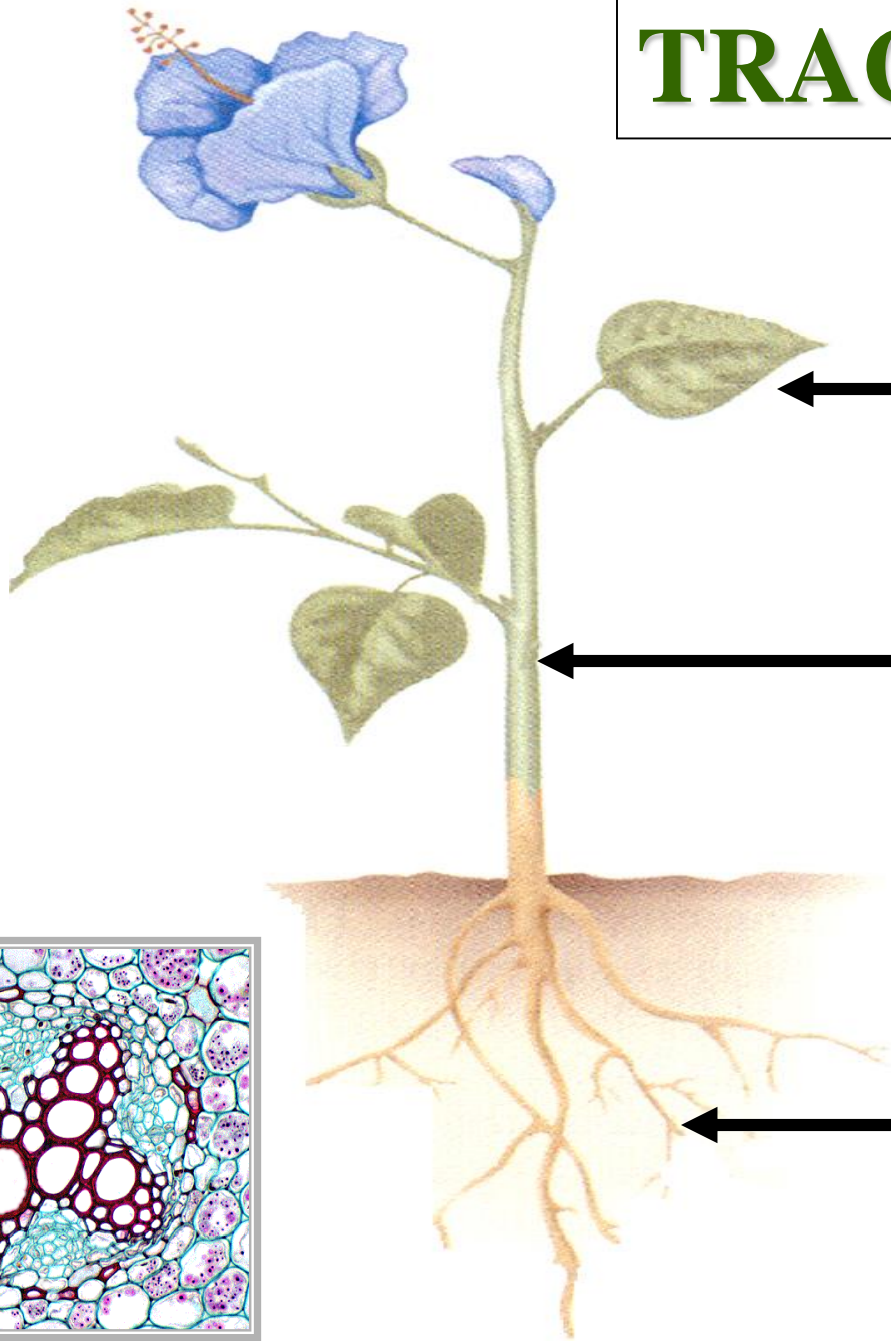
INTERNAL STRUCTURE

ANATOMY

A large, close-up photograph of a white magnolia flower in full bloom, surrounded by several large, glossy green leaves. The flower's center shows a cluster of yellow stamens and a central pistil. The background is dark and out of focus, making the flower and leaves stand out prominently.

**ANATOMY
STUDY
INTERNAL
PLANT STRUCTURE**

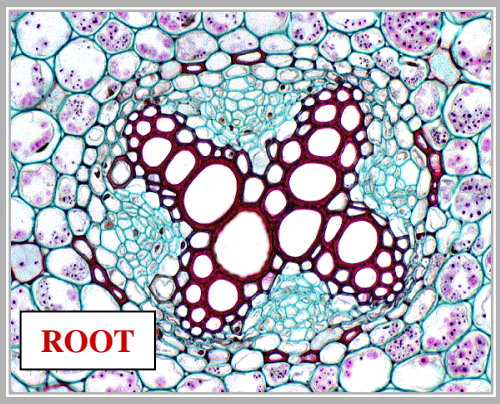
TRACHEOPHYTE



LEAF

STEM

ROOT



ROOT

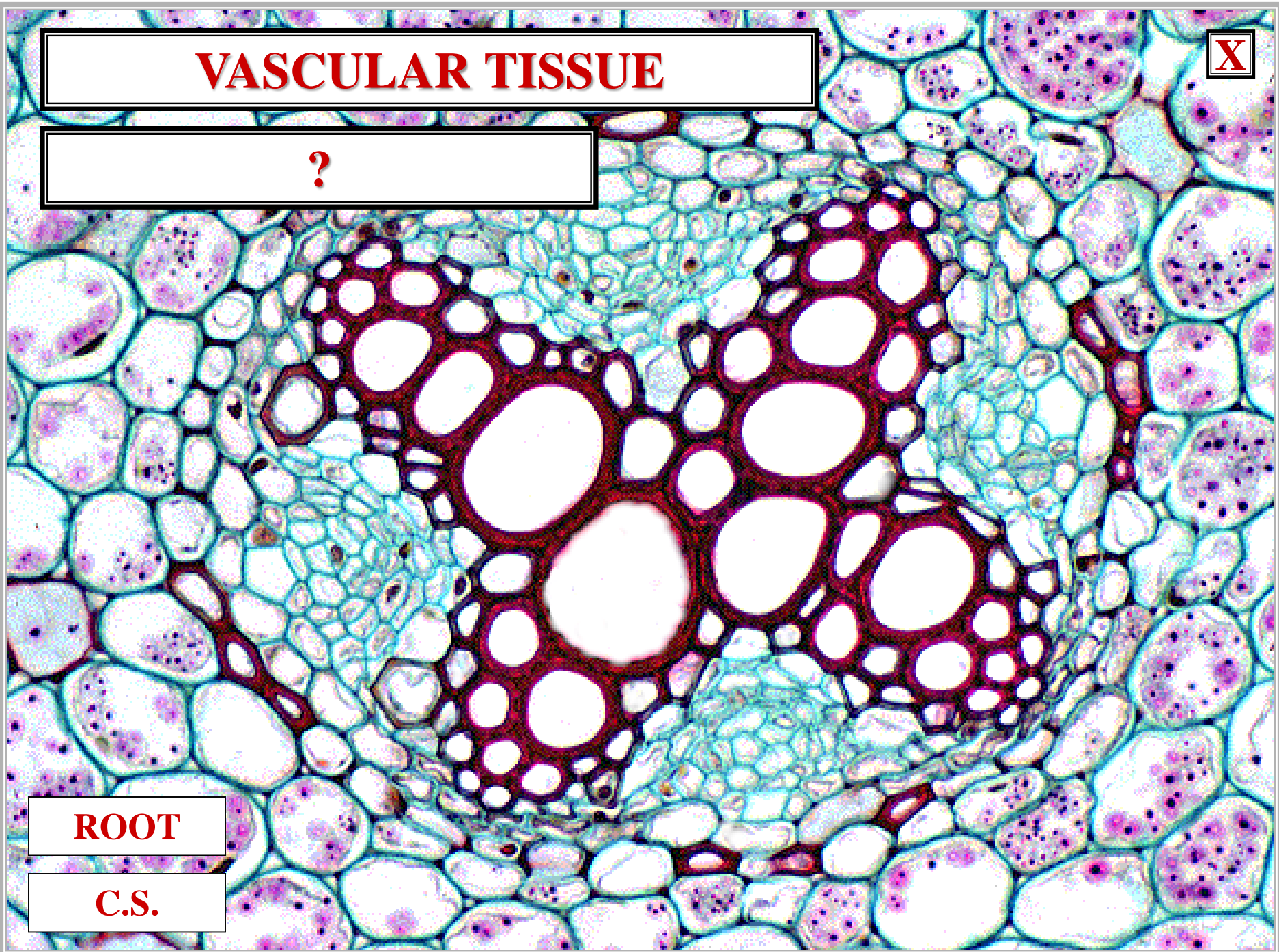
VASCULAR TISSUE

?

ROOT

C.S.

X



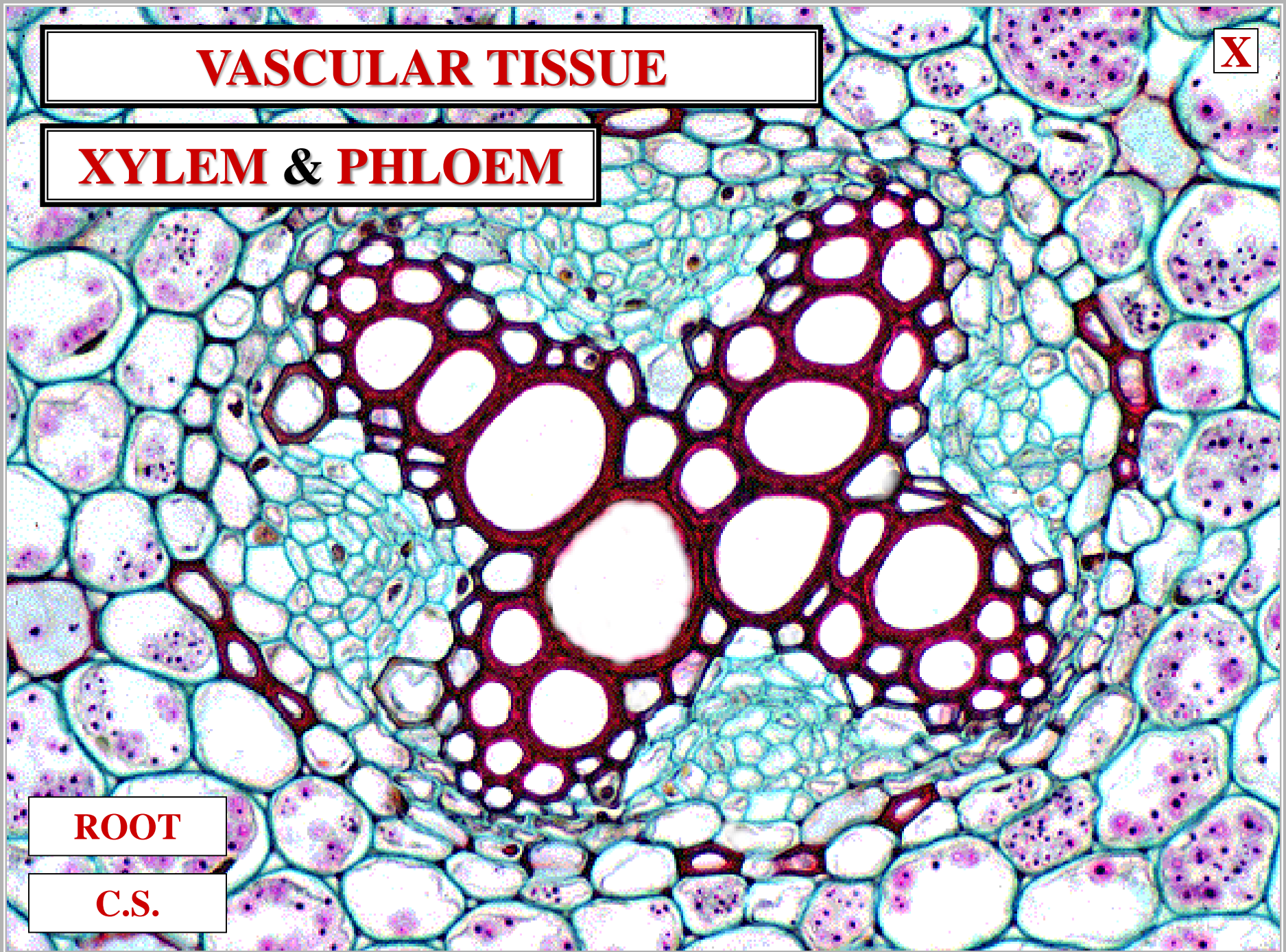
VASCULAR TISSUE

XYLEM & PHLOEM

X

ROOT

C.S.



VASCULAR TISSUE

XYLEM & PHLOEM

P

XYLEM

ROOT

C.S.

