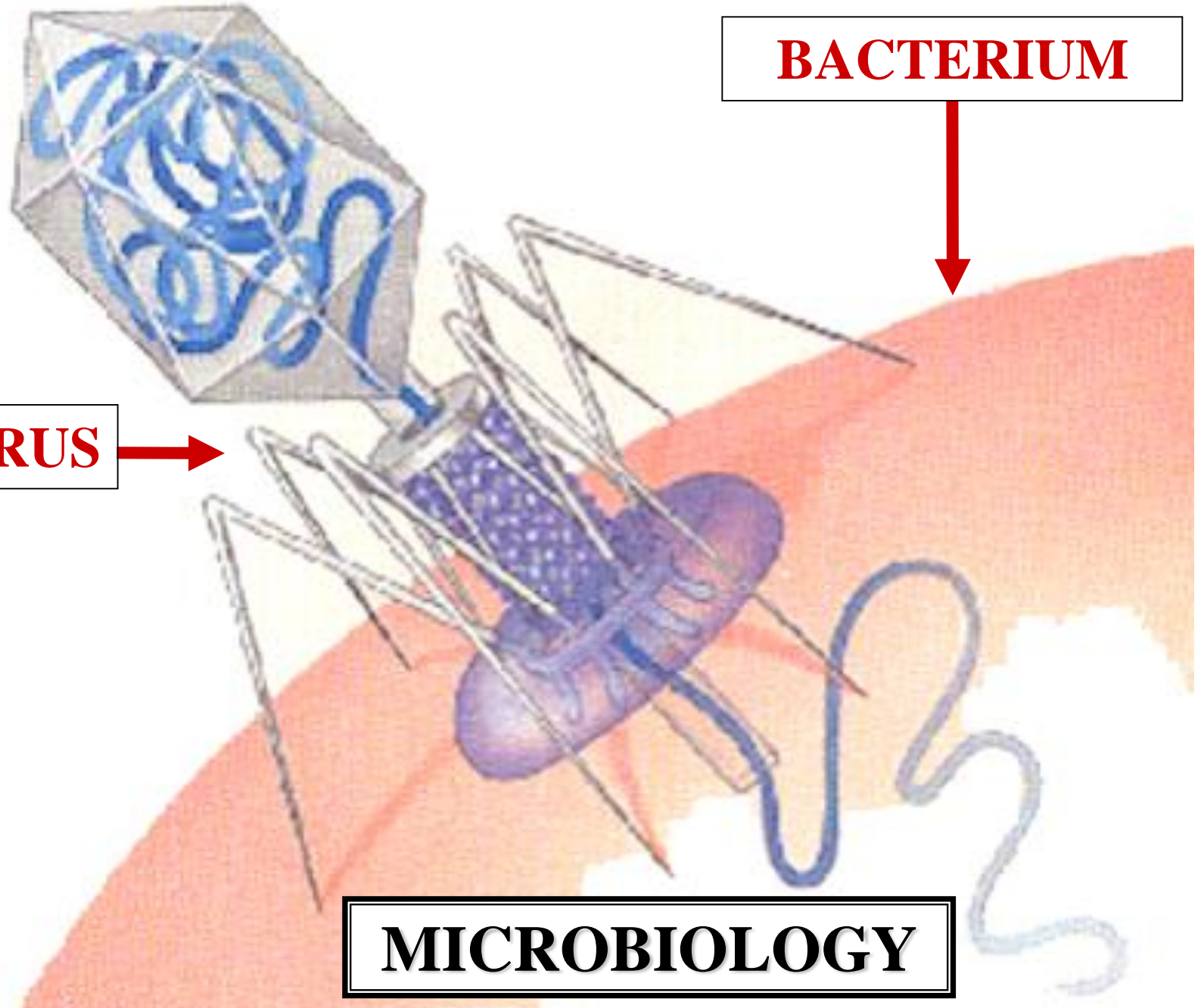


BACTERIUM

VIRUS



MICROBIOLOGY

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

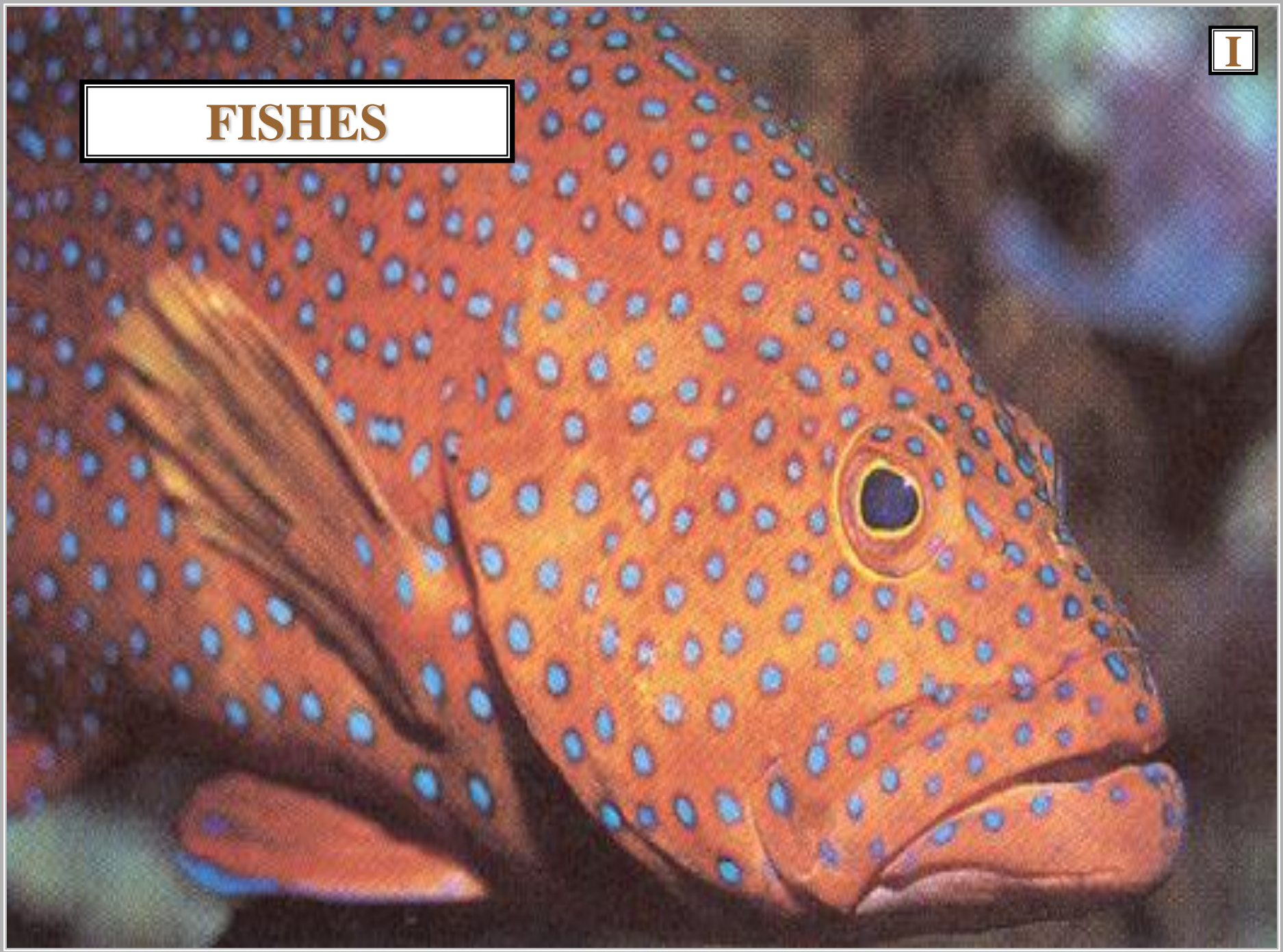
INSECTS



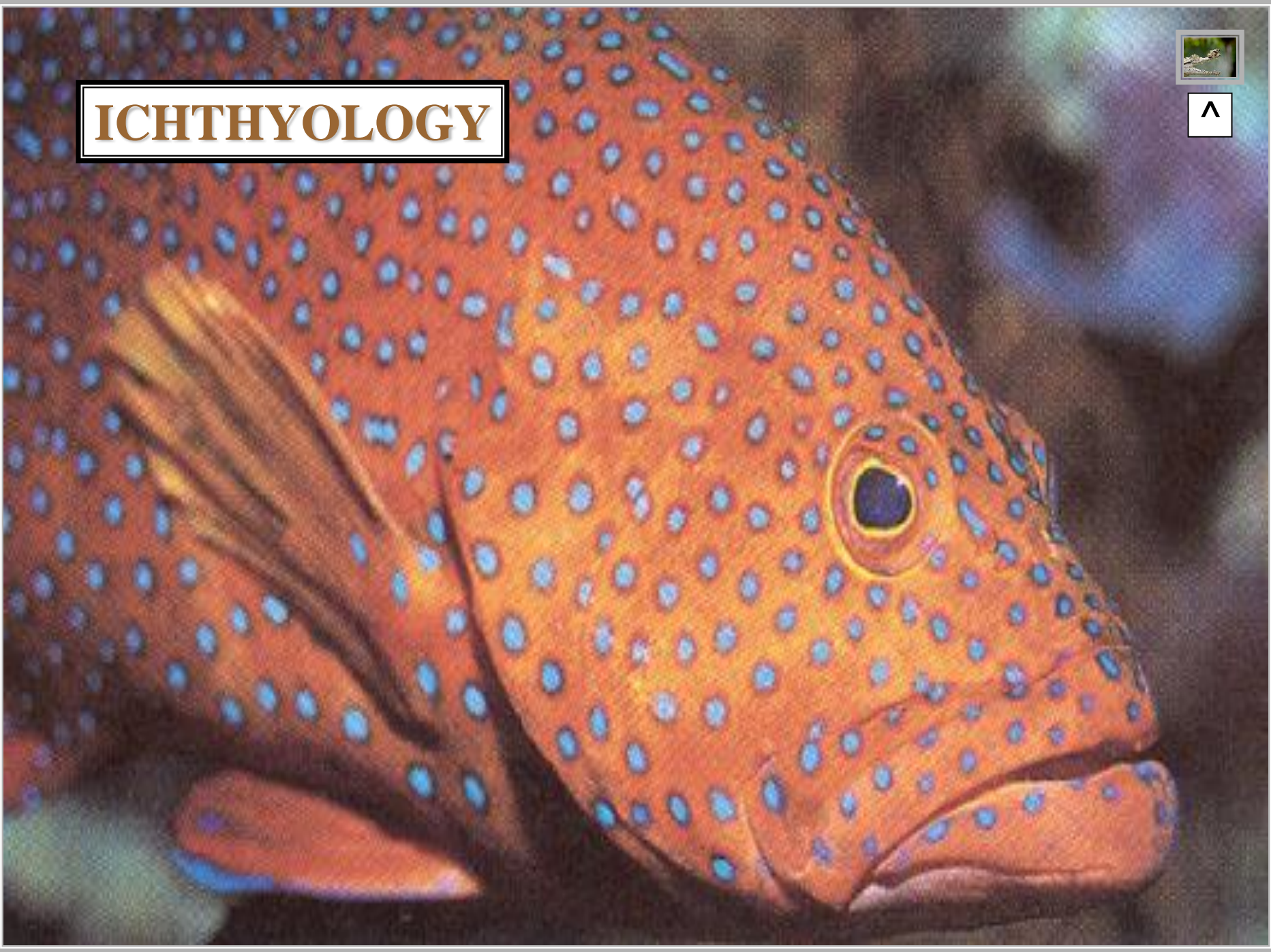
ENTOMOLOGY



FISHES



ICHTHYOLOGY



REPTILES & AMPHIBIANS



HERPETOLOGY



MAMMALS

A herd of zebras with black and white stripes is shown in a savanna setting with tall yellow grass. The zebras are facing forward, and their stripes create a strong visual pattern. In the top right corner, there are two small white boxes: the top one contains an exclamation mark, and the bottom one contains the letter 'B'. At the bottom left, the word 'MAMMOLOGY' is written in a stylized, bold, serif font within a double-bordered rectangular box.

!

B

MAMMOLOGY

BOTANY

BOTANY



STUDY

PLANT DIVERISTY

BOTANY



PLANT DIVERSITY





INTRODUCTION

BOTANY

BOTANIST

BOTANIST

BOTANIST



PLANT BIOLOGIST

BOTANIST

A large, detailed photograph of a white magnolia flower in full bloom, surrounded by several large, glossy green leaves. The background is dark and out of focus.

BOTANIST
PLANT BIOLOGIST



SWEDISH BOTANIST



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

BRYOLOGY STUDY MOSS DIVERSITY

PTERIDOLOGY

PTERIDOLOGY



STUDY FERN DIVERSITY

PTERIDOLOGY

**PTERIDOLOGY
STUDY
FERN DIVERSITY**

SPERMATOLOGY

SPERMATOLOGY



STUDY

SEED PLANT DIVERSITY

SPERMATOLOGY

?

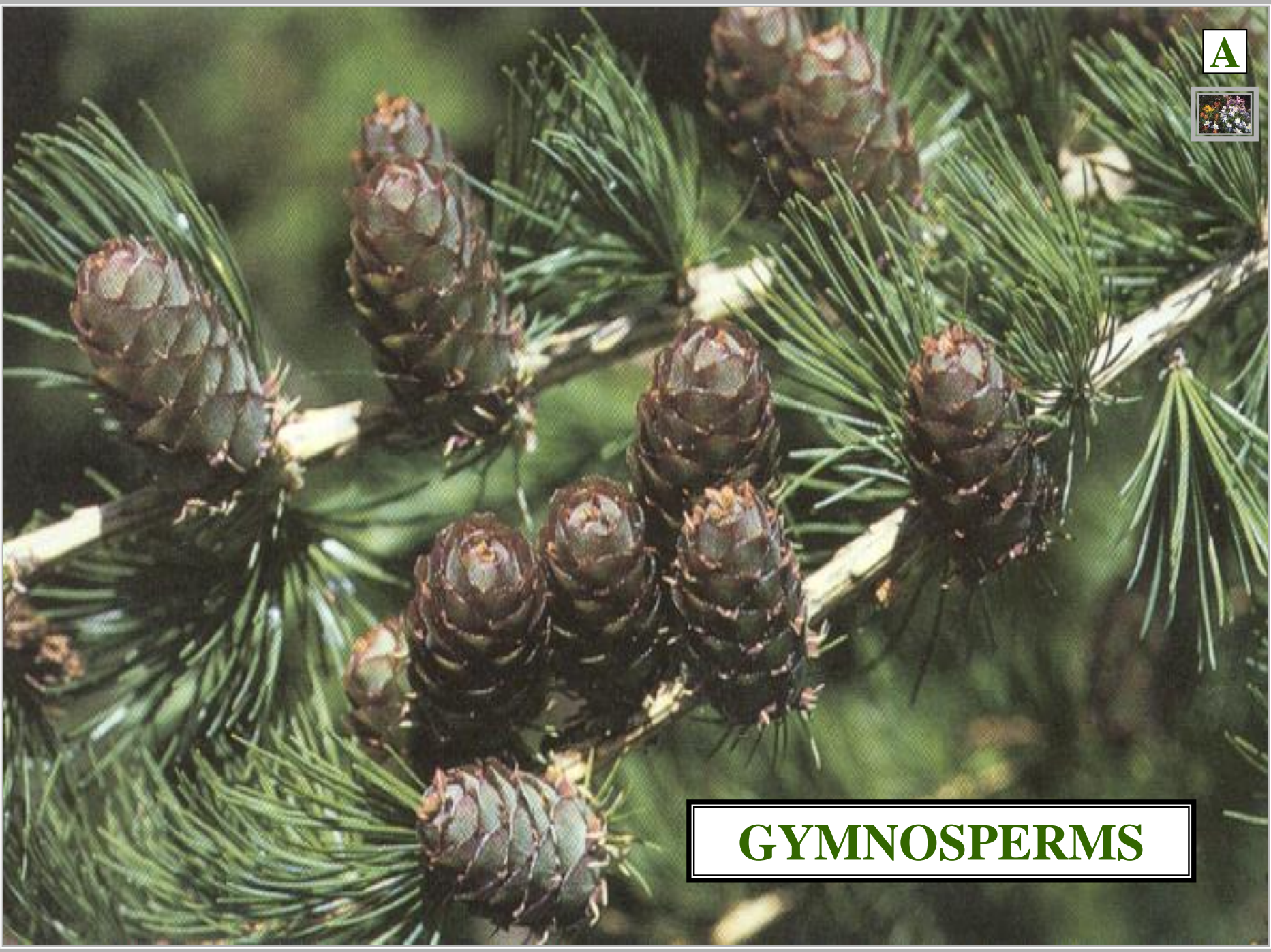
SPERMATOLOGY STUDY SEED PLANT DIVERSITY

SEED PLANTS

G



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GYMNOSPERMS

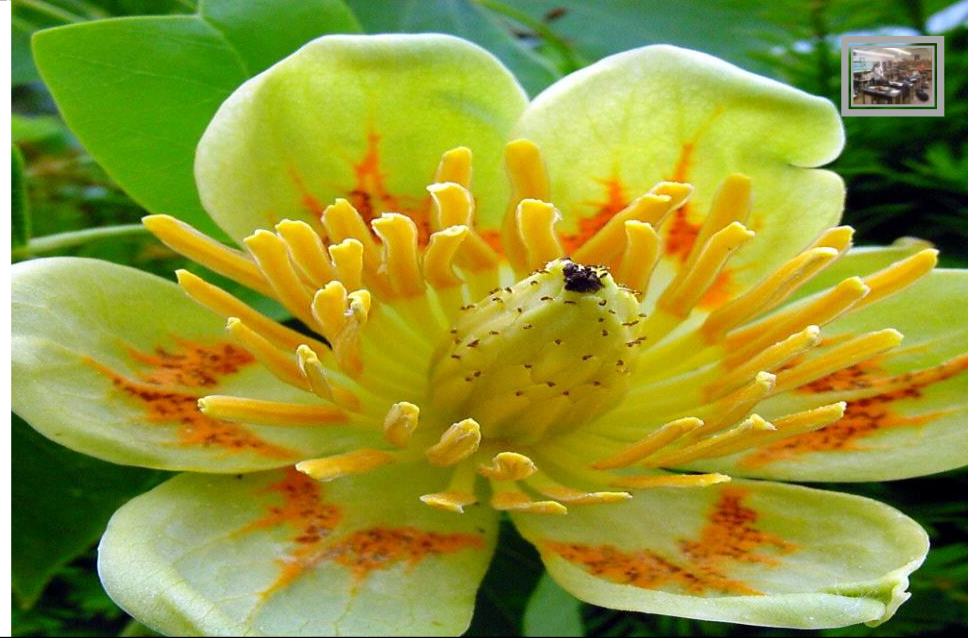
ANGIOSPERMS





ZOOLOGY DISCIPLINES





BOTANY DISCIPLINES





ALABAMA

BIOLOGY

HIGHSCHOOL

CLASS



BOTANY

SUBDISCIPLINES

BOTANY SUBDISCIPLINES

PHYSIOLOGY

BOTANY SUBDISCIPLINES

BOTANY SUBDISCIPLINES

PHYSIOLOGY
CYTOLOGY

BOTANY SUBDISCIPLINES

BOTANY SUBDISCIPLINES

PHYSIOLOGY

CYTOLOGY

HISTOLOGY

BOTANY SUBDISCIPLINES

BOTANY SUBDISCIPLINES

PHYSIOLOGY

CYTOLOGY

HISTOLOGY

ANATOMY

BOTANY SUBDISCIPLINES

BOTANY SUBDISCIPLINES

PHYSIOLOGY

CYTOLOGY

HISTOLOGY

ANATOMY

MORPHOLOGY

BOTANY SUBDISCIPLINES

BOTANY SUBDISCIPLINES

PHYSIOLOGY

CYTOLOGY

HISTOLOGY

ANATOMY

MORPHOLOGY

PHYLOGENY

BOTANY SUBDISCIPLINES

BOTANY SUBDISCIPLINES

PHYSIOLOGY

CYTOLOGY

HISTOLOGY

ANATOMY

MORPHOLOGY

PHYLOGENY

TAXONOMY

BOTANY SUBDISCIPLINES

PHYSIOLOGY

PHYSIOLOGY



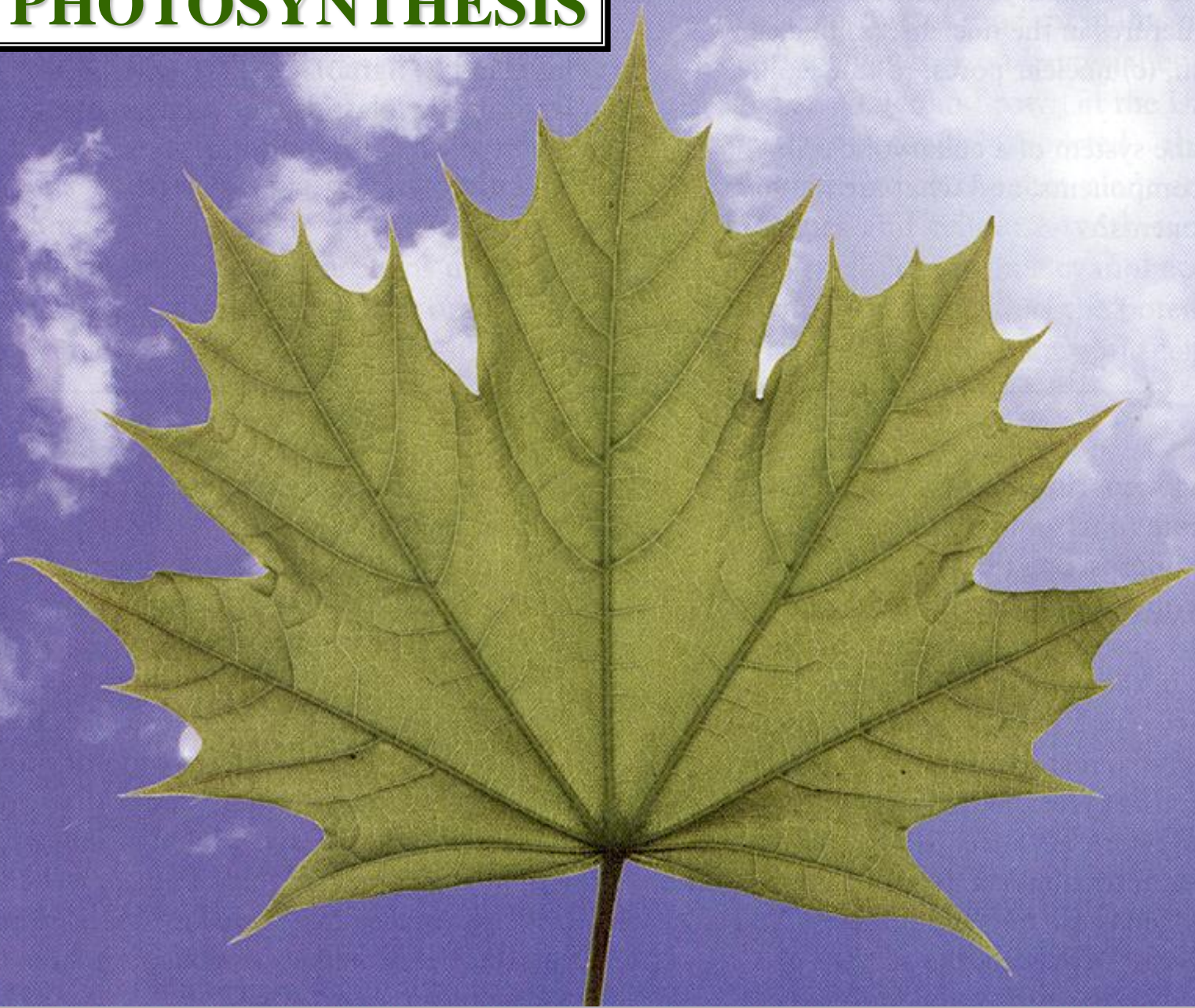
**STUDY PLANT
BIOCHEMISTRY**

PHYSIOLOGY



**PHYSIOLOGY
STUDY
PLANT
BIOCHEMISTRY**

PHOTOSYNTHESIS



PHOTOSYNTHESIS

L



WATER

CO₂

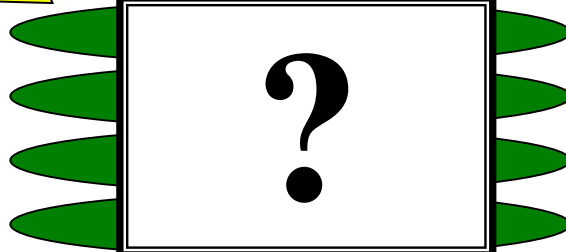
LIGHT ENERGY

PHOTO

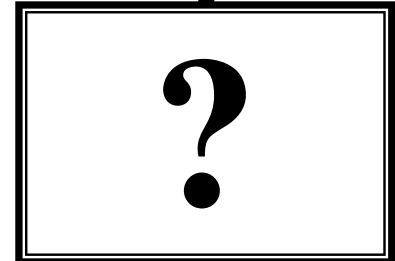
ATMOSPHERE

E-

PHOTOLYSIS



ATP
NADPH



CHEMICAL ENERGY INPUT

SYNTHESIS

CHLOROPLAST

ATMOSPHERE

OXYGEN



PHOTOSYNTHESIS

D



WATER

CO₂

LIGHT ENERGY

PHOTO

ATMOSPHERE

E-

PHOTOLYSIS

LIGHT REACTION
THYLAKOID

THYLAKOID

ATP
NADPH

?

SYNTHESIS

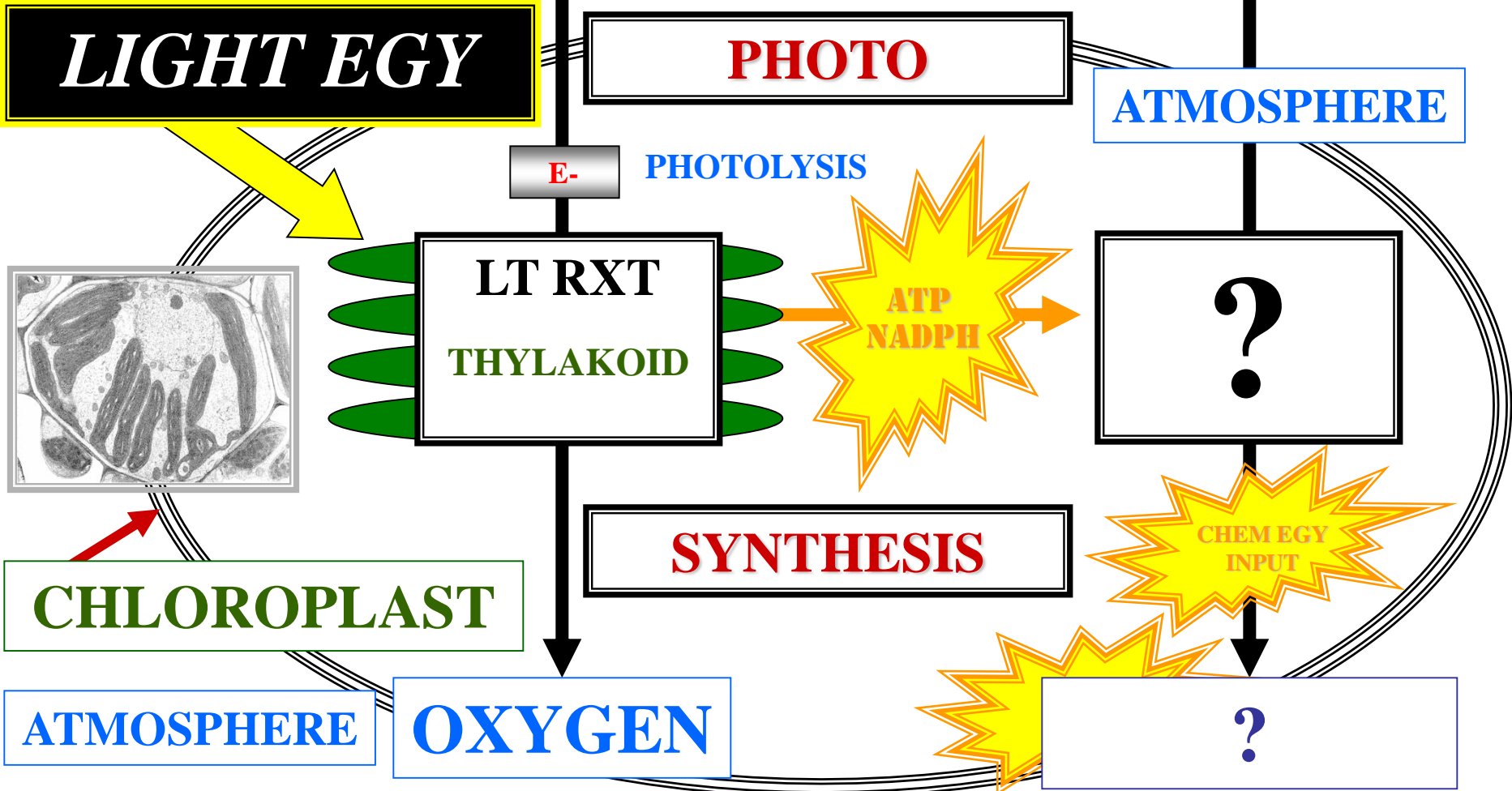
CHEMICAL ENERGY INPUT

CHLOROPLAST

ATMOSPHERE

OXYGEN

?



PHOTOSYNTHESIS

G



WATER

CO₂

LIGHT ENERGY

PHOTO

ATMOSPHERE

E-

PHOTOLYSIS



LT RXT

THYLAKOID

ATP
NADPH

DK RXT

STROMA

CHLOROPLAST

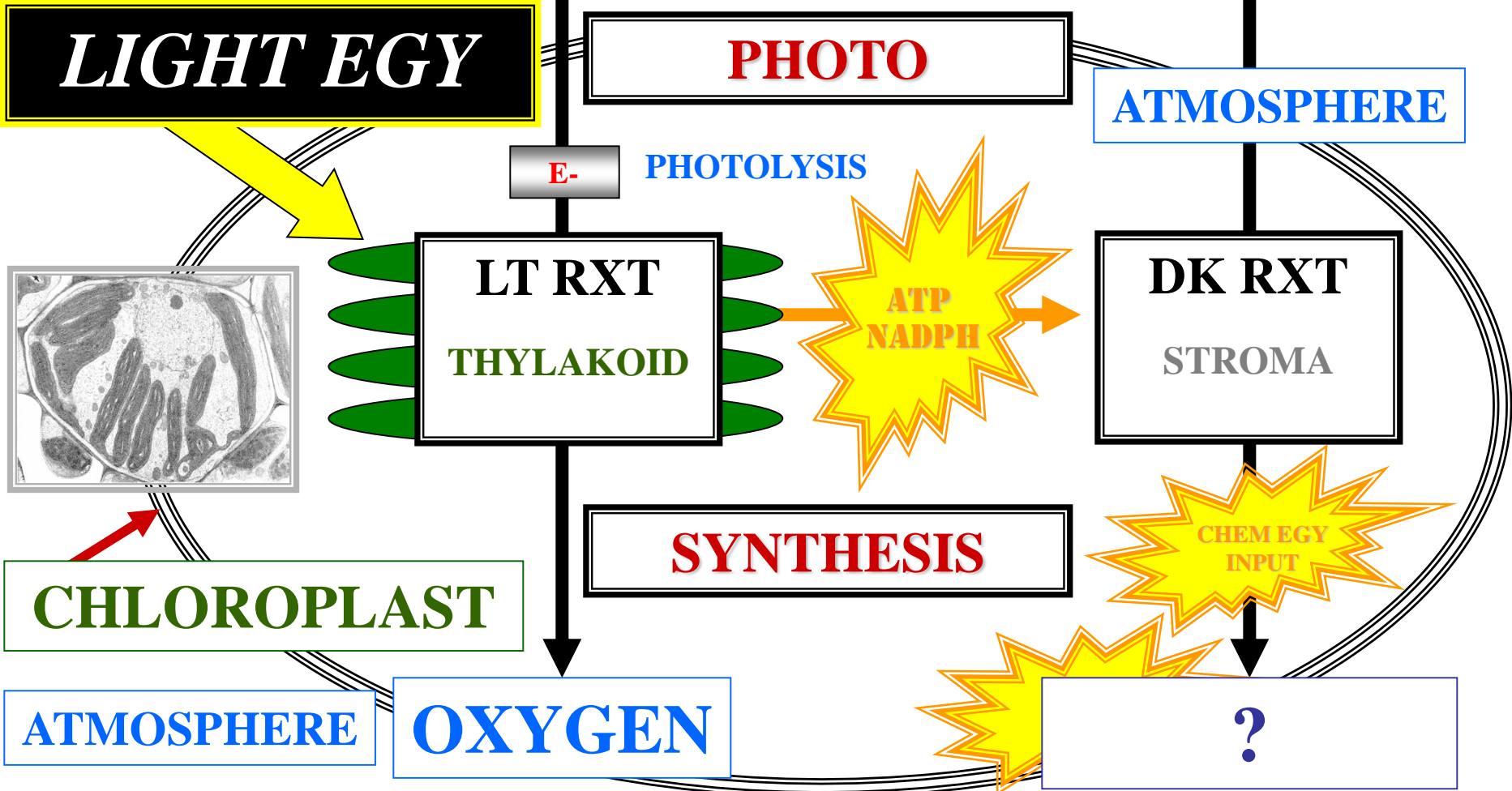
SYNTHESIS

CHEMICAL ENERGY INPUT

ATMOSPHERE

OXYGEN

?



PHOTOSYNTHESIS



WATER

CO₂

^
C

LIGHT ENERGY

PHOTO

ATMOSPHERE

E-

PHOTOLYSIS



LT RXT

THYLAKOID

ATP
NADPH

DK RXT

STROMA

CHLOROPLAST

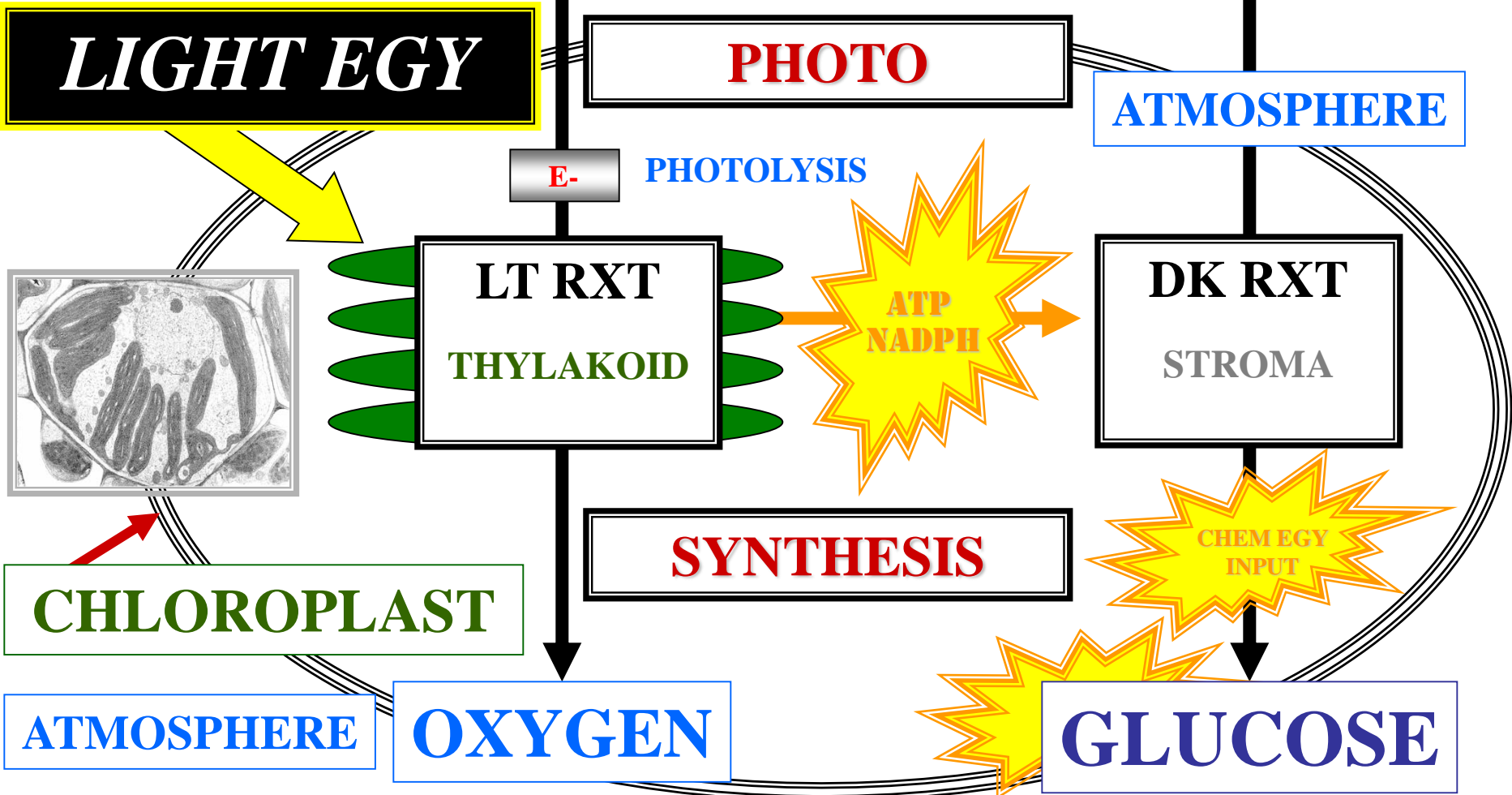
SYNTHESIS

CHEMICAL ENERGY INPUT

ATMOSPHERE

OXYGEN

GLUCOSE



CYTOLOGY



CYTOLOGY

STUDY PLANT CELLS

CYTOLOGY

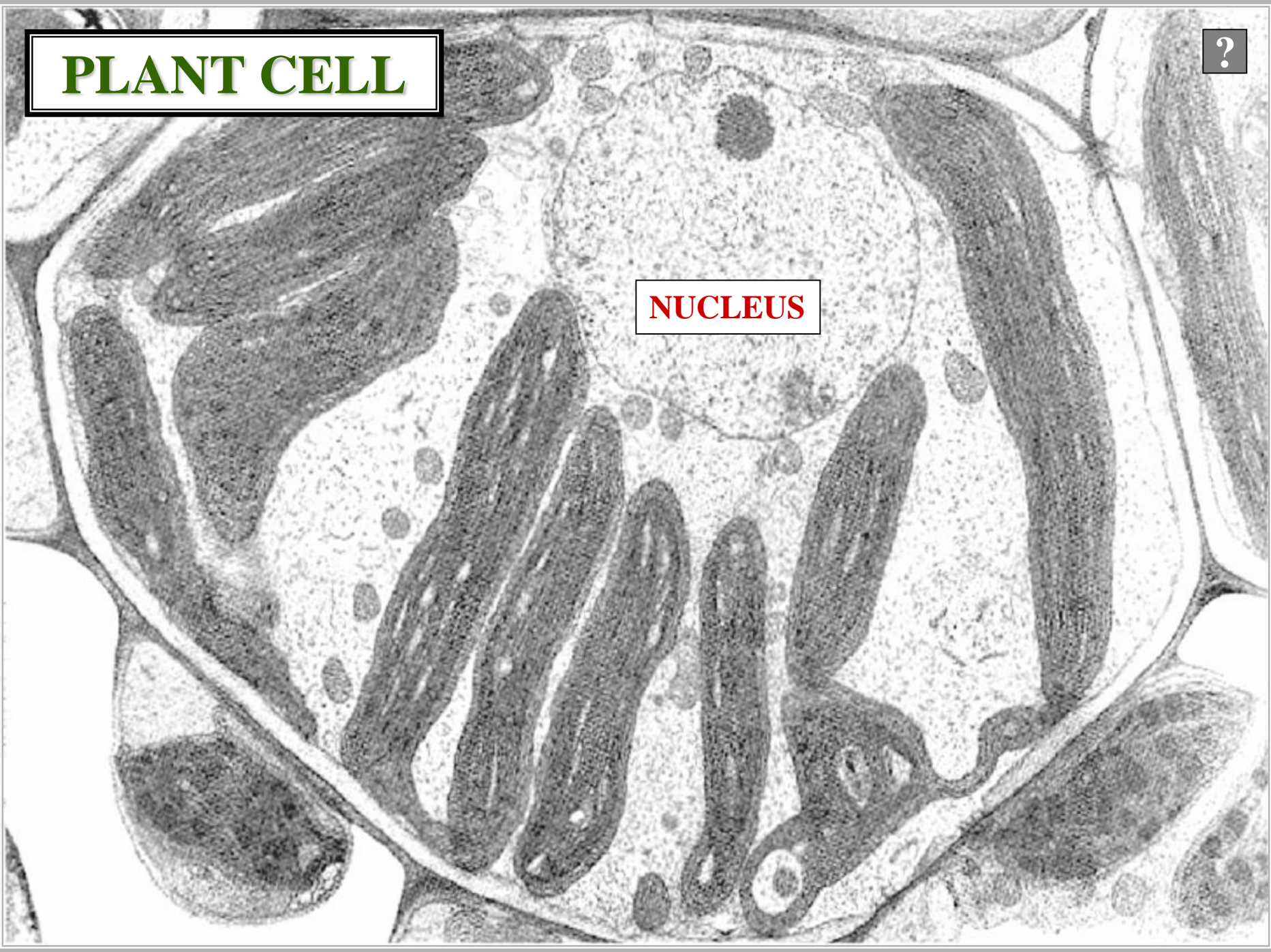


CYTOLOGY STUDY PLANT CELLS

PLANT CELL

?

NUCLEUS

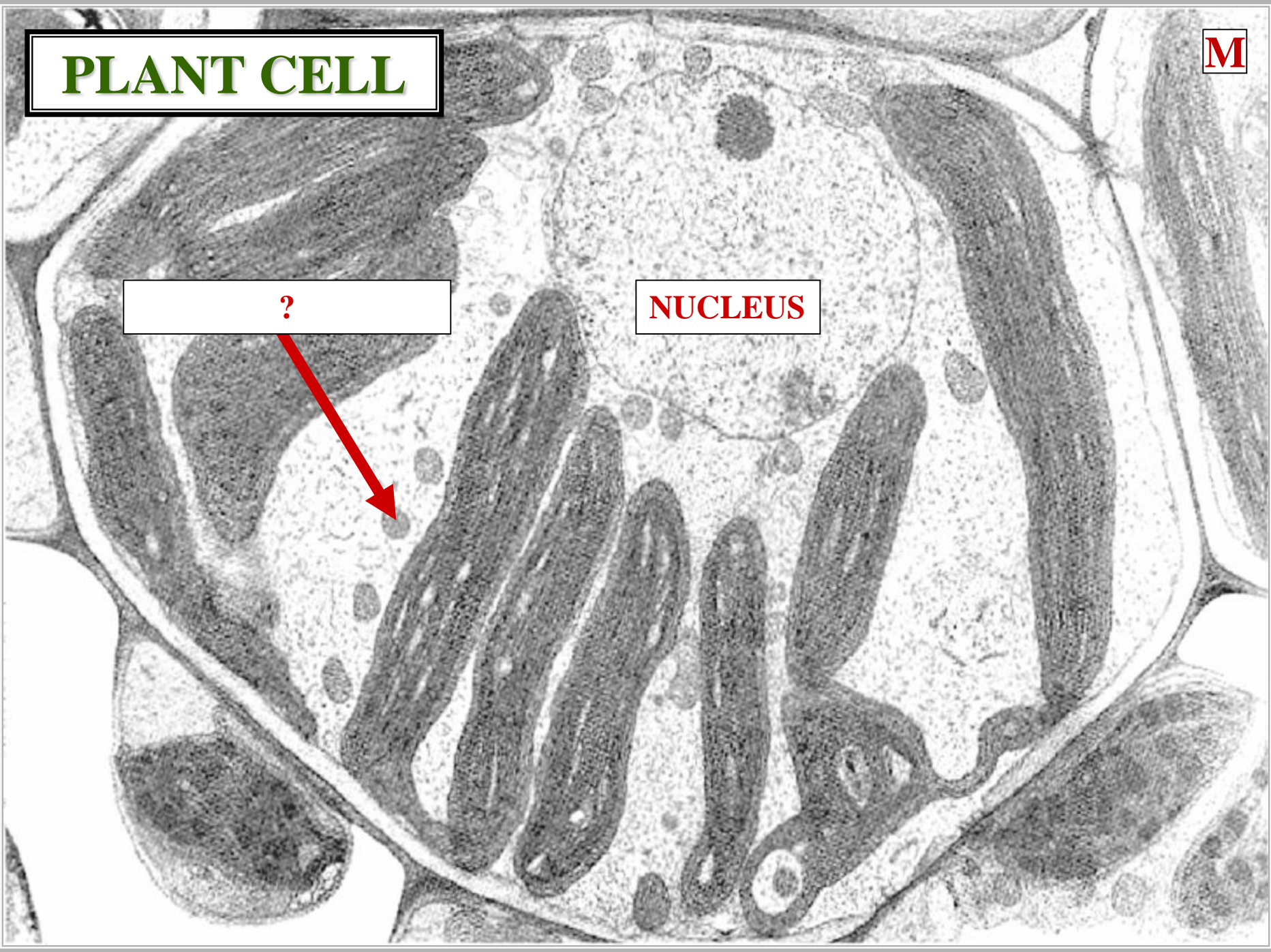


PLANT CELL

M

NUCLEUS

?

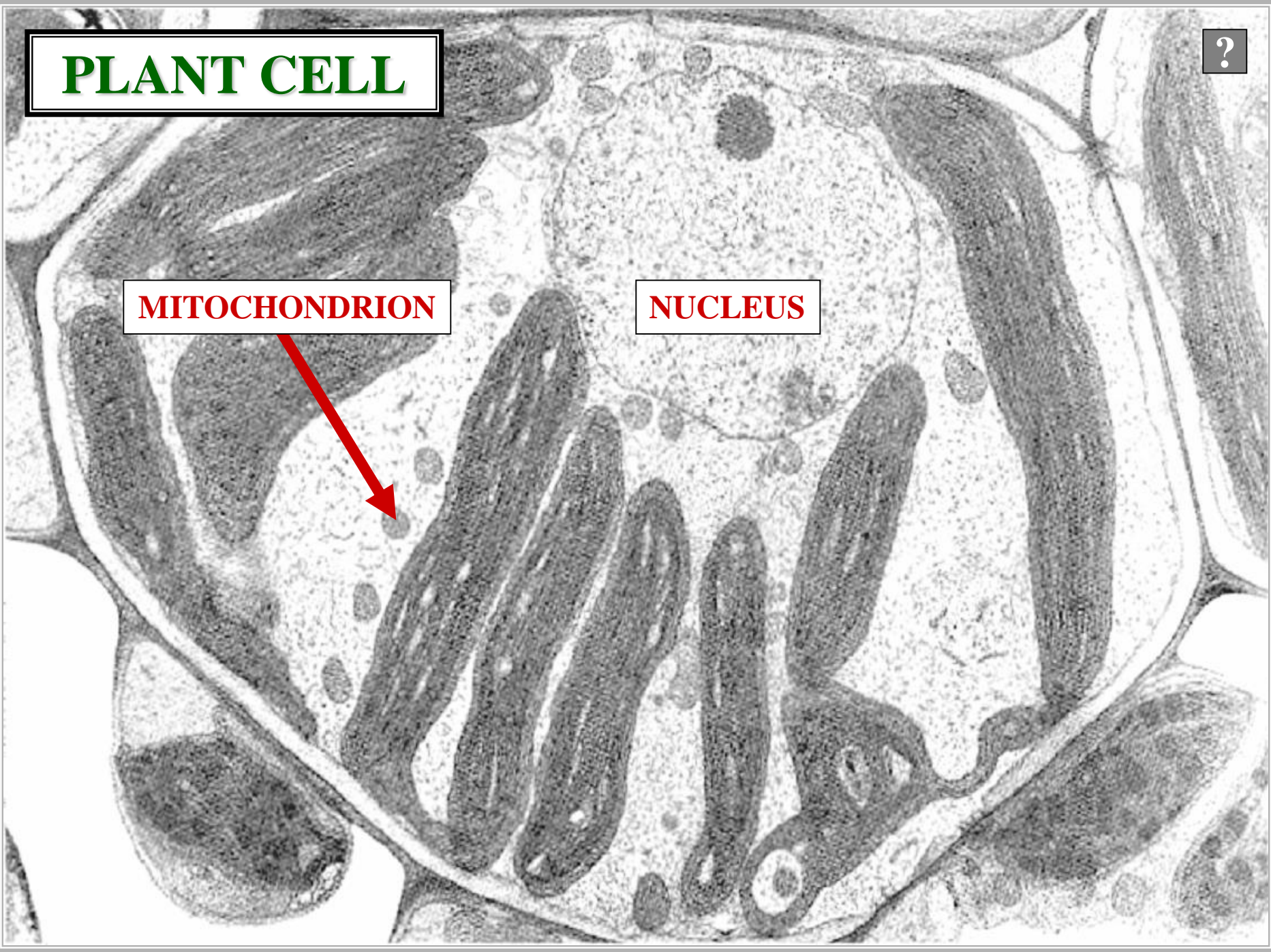
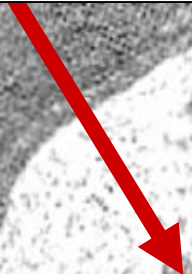


PLANT CELL

?

MITOCHONDRION

NUCLEUS



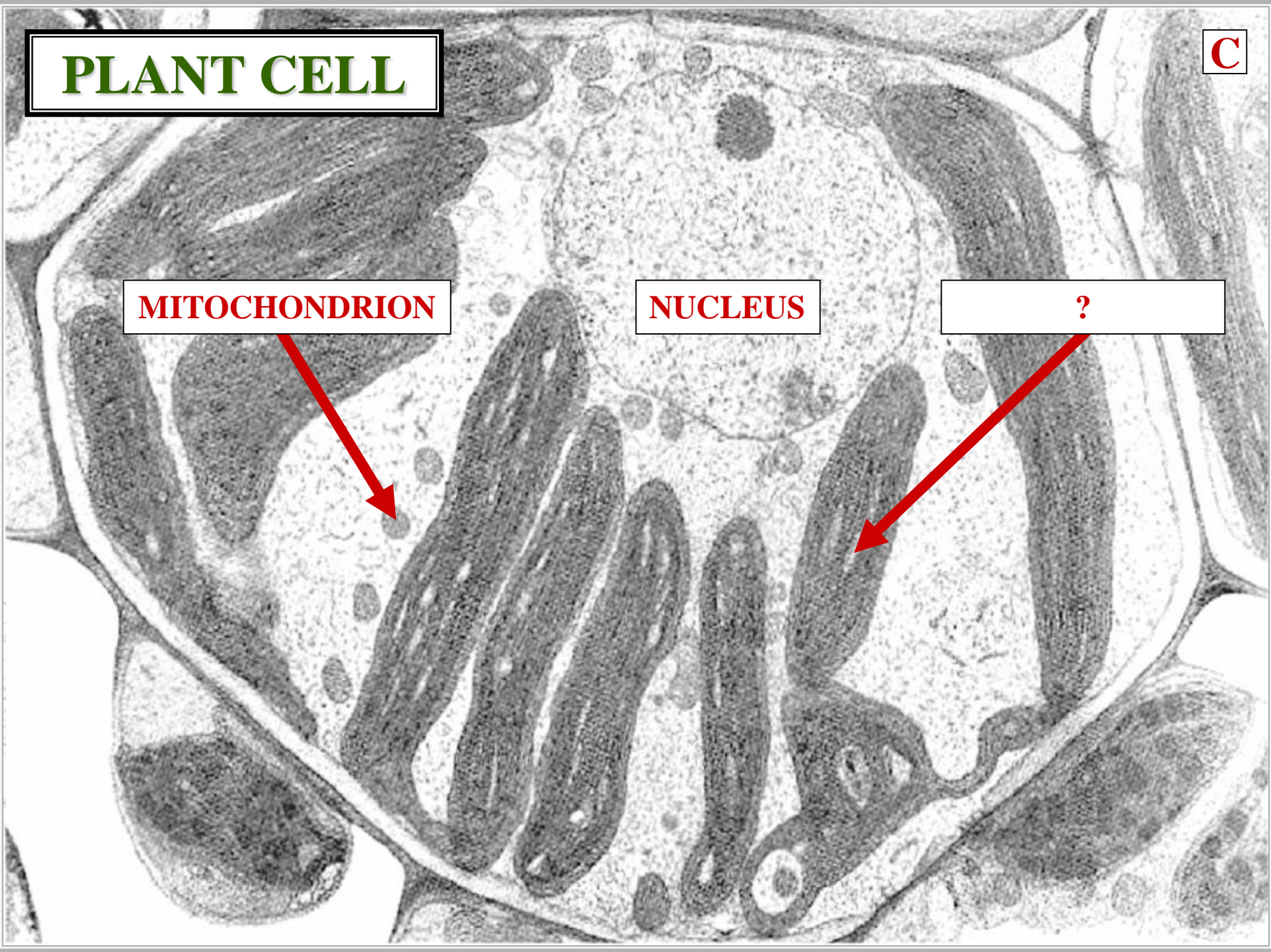
PLANT CELL

C

MITOCHONDRION

NUCLEUS

?



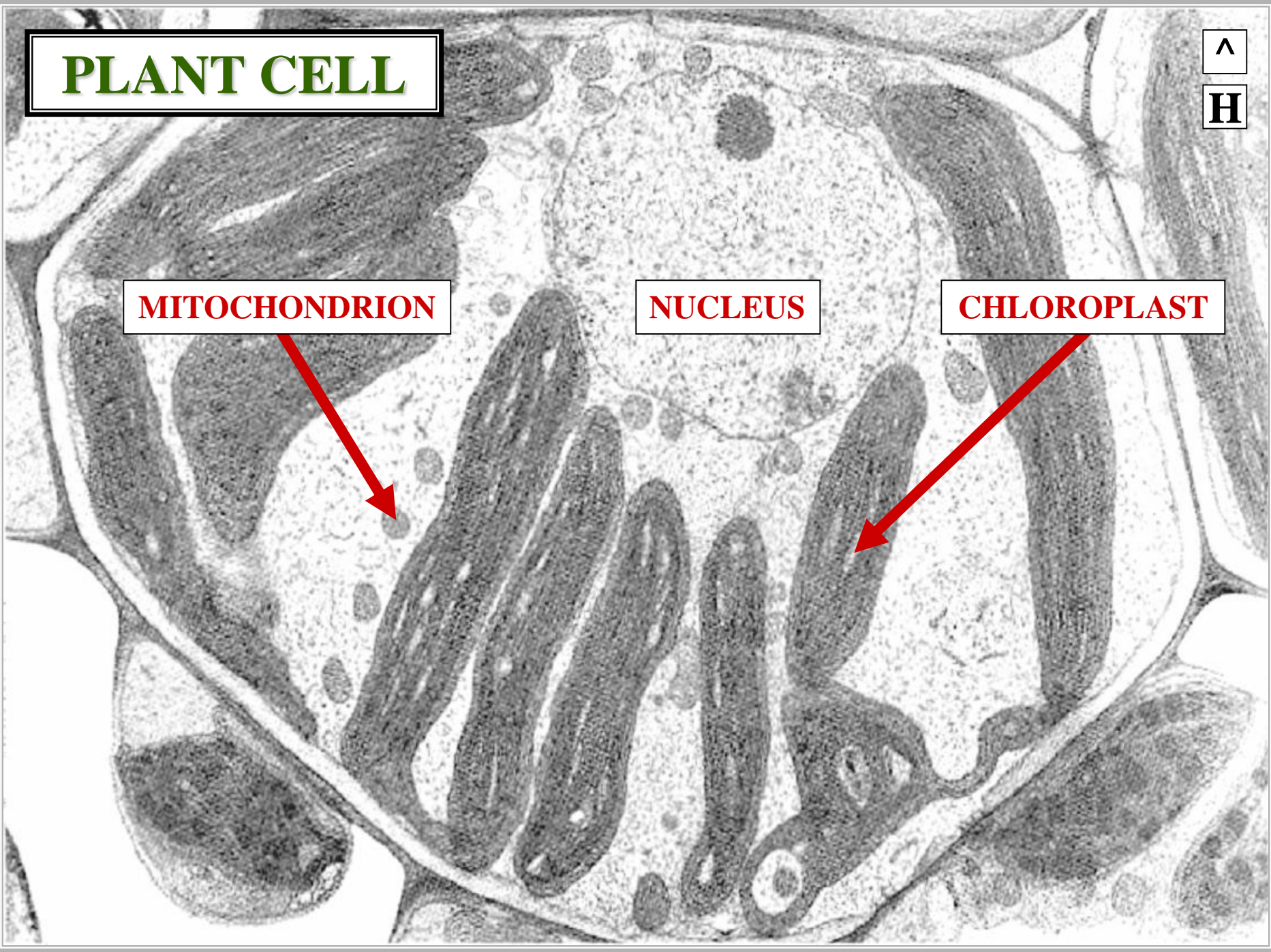
PLANT CELL

^
H

MITOCHONDRION

NUCLEUS

CHLOROPLAST



HISTOLOGY

HISTOLOGY



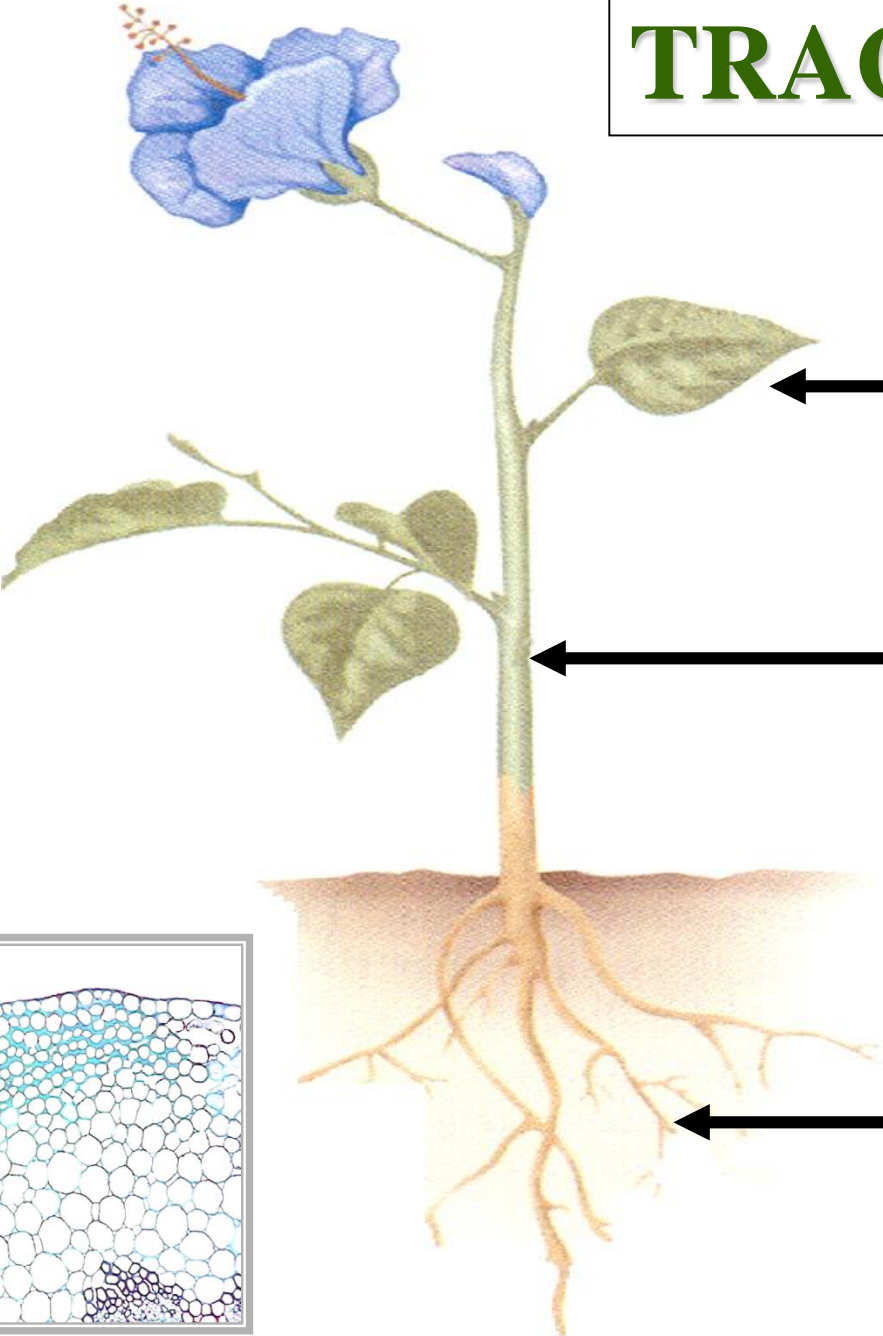
STUDY PLANT TISSUES

HISTOLOGY



HISTOLOGY STUDY PLANT TISSUES

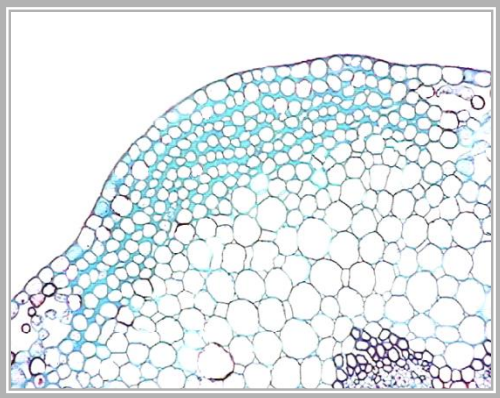
TRACHEOPHYTE



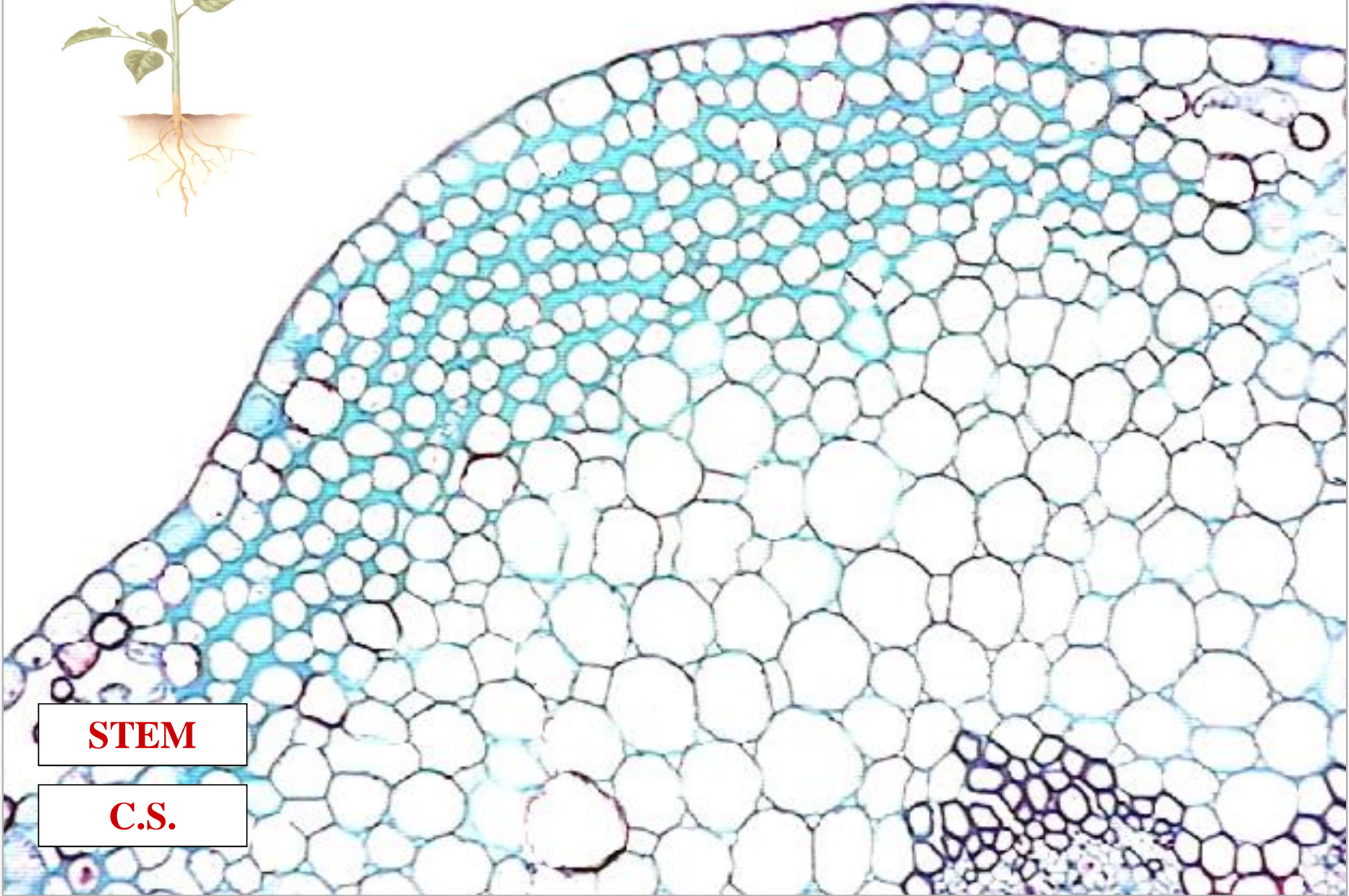
LEAF

STEM

ROOT

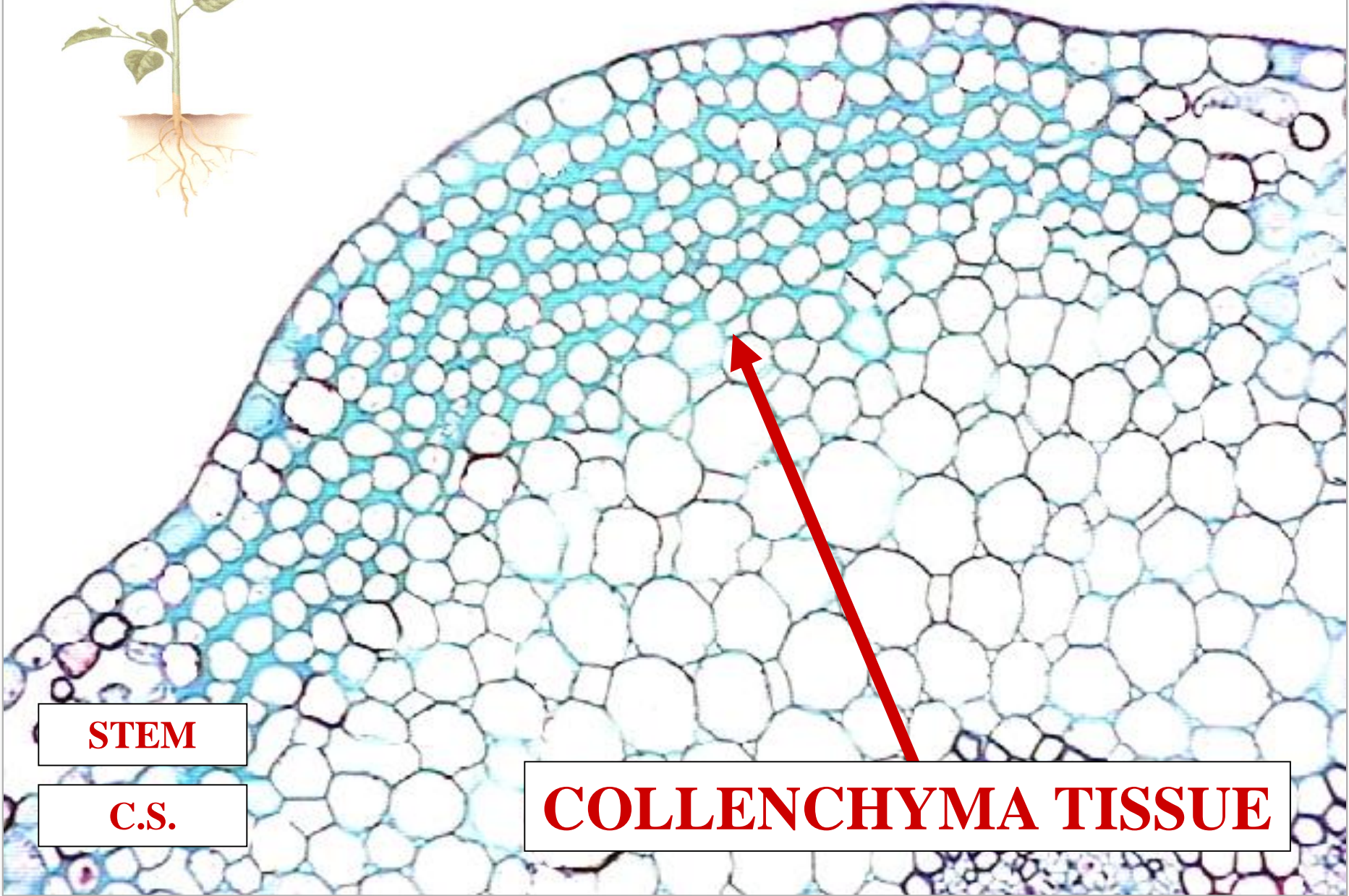
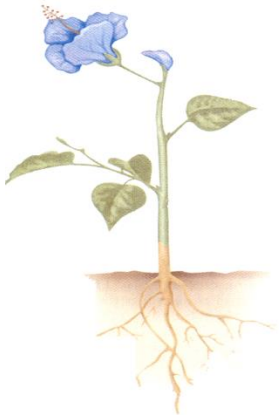


C



STEM

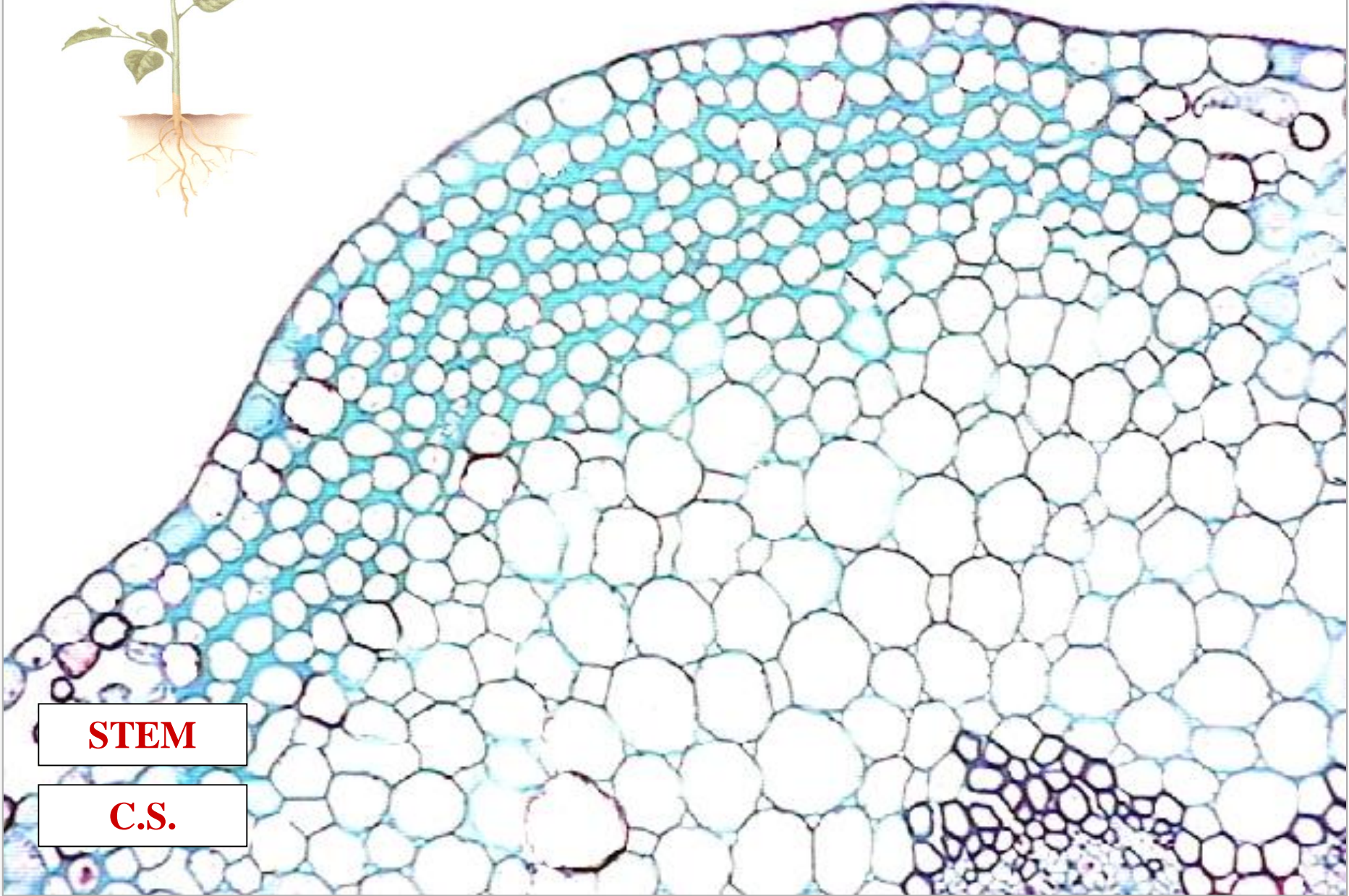
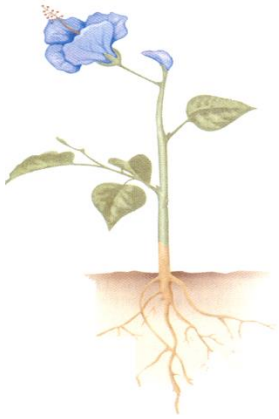
C.S.



STEM

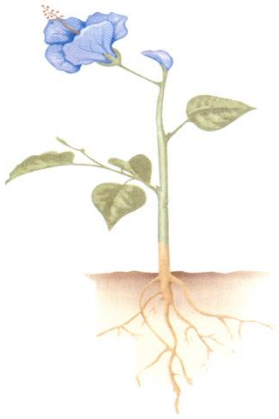
C.S.

COLLENCHYMA TISSUE

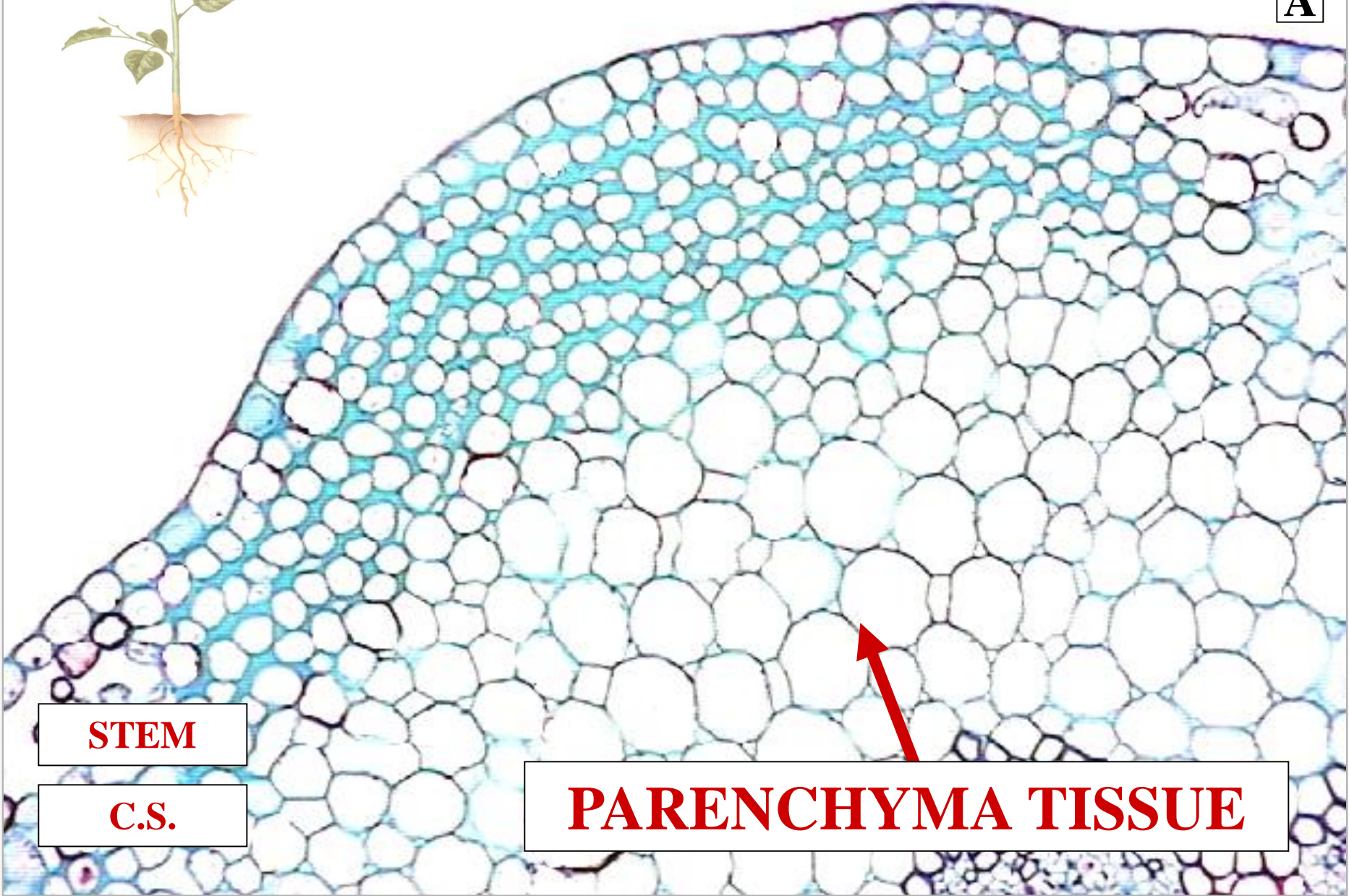


STEM

C.S.



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A



STEM

C.S.

PARENCHYMA TISSUE

ANATOMY

ANATOMY



STUDY PLAN

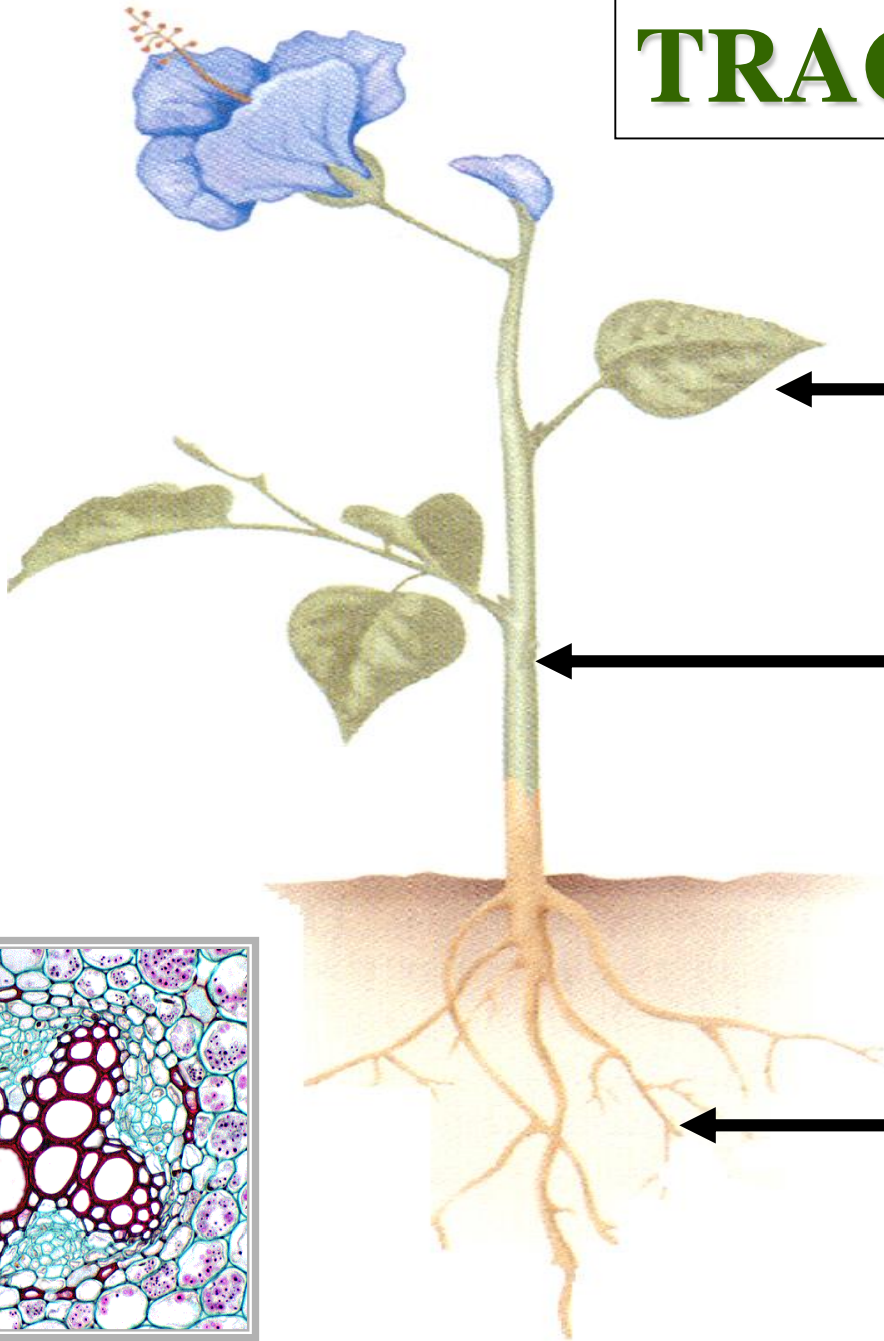
INTERNAL STRUCTURE

ANATOMY

A large, close-up photograph of a white magnolia flower in full bloom, with several green leaves visible. The flower has a prominent yellow center with stamens. The background is dark and out of focus.

**ANATOMY
STUDY
INTERNAL
PLANT STRUCTURE**

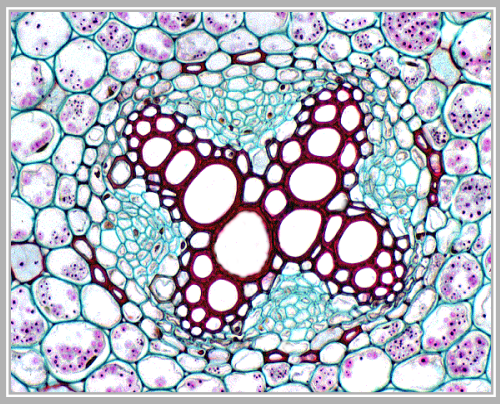
TRACHEOPHYTE



LEAF

STEM

ROOT



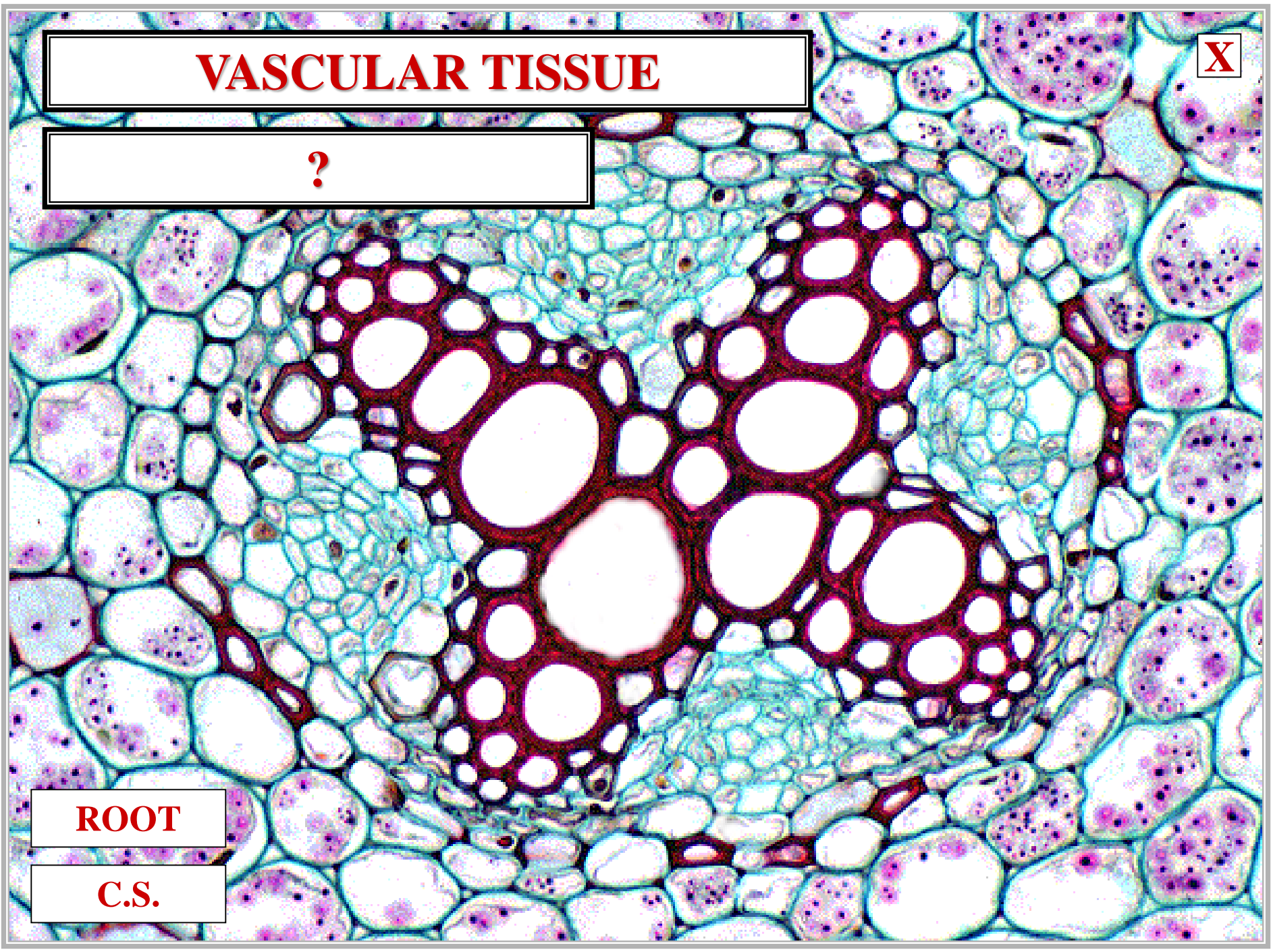
VASCULAR TISSUE

?

X

ROOT

C.S.



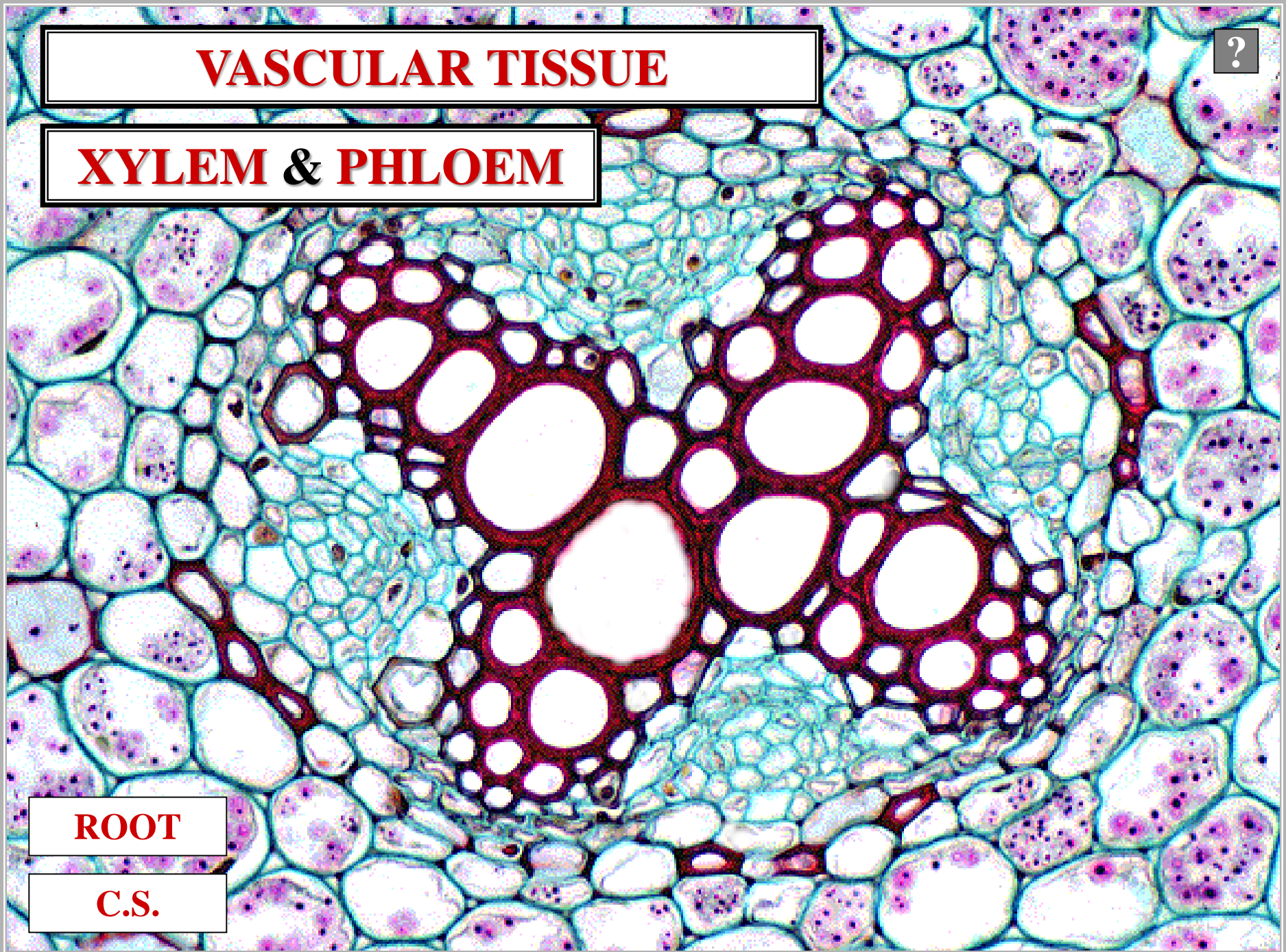
VASCULAR TISSUE

XYLEM & PHLOEM

?

ROOT

C.S.



VASCULAR TISSUE

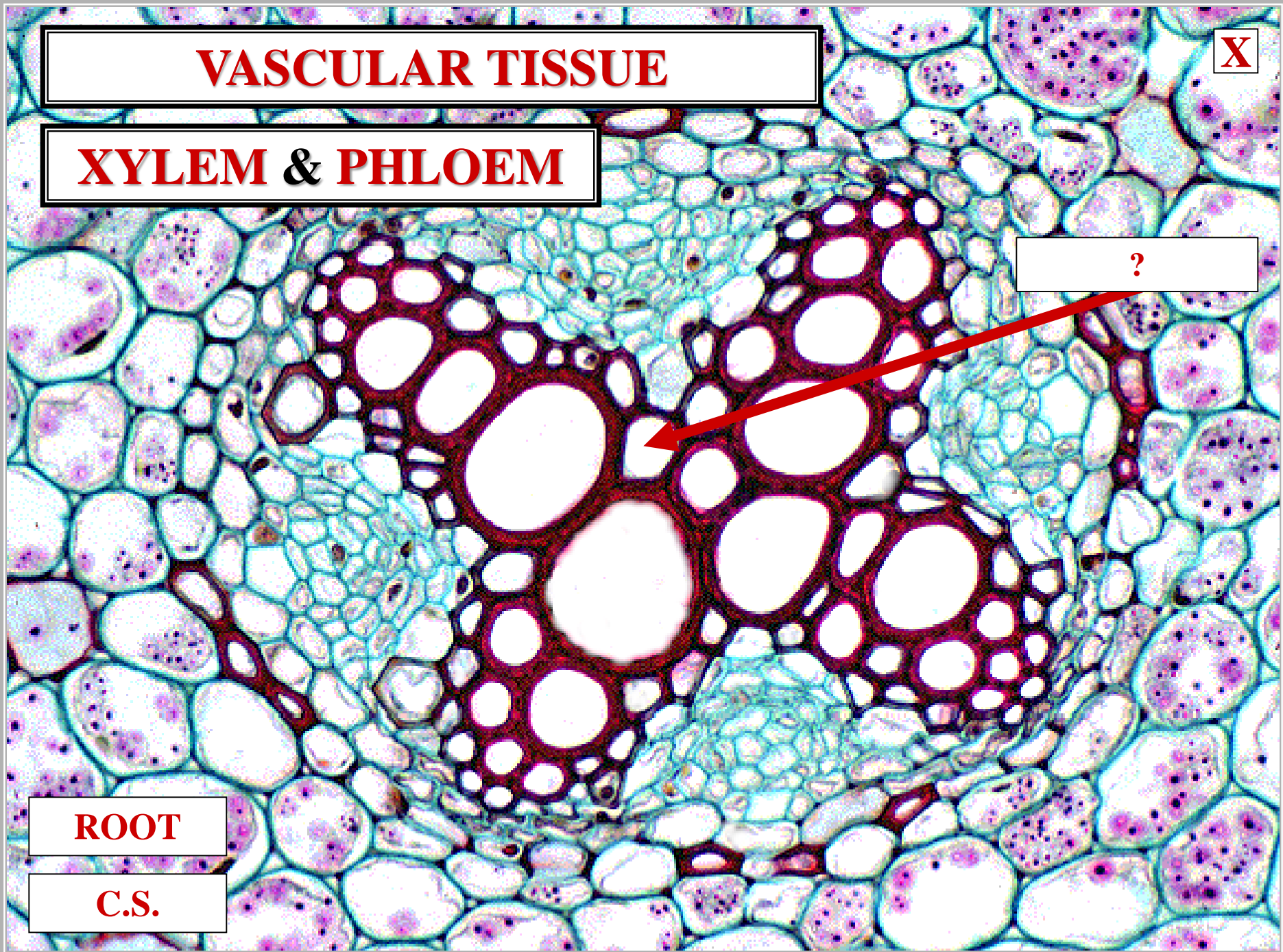
XYLEM & PHLOEM

X

?

ROOT

C.S.



VASCULAR TISSUE

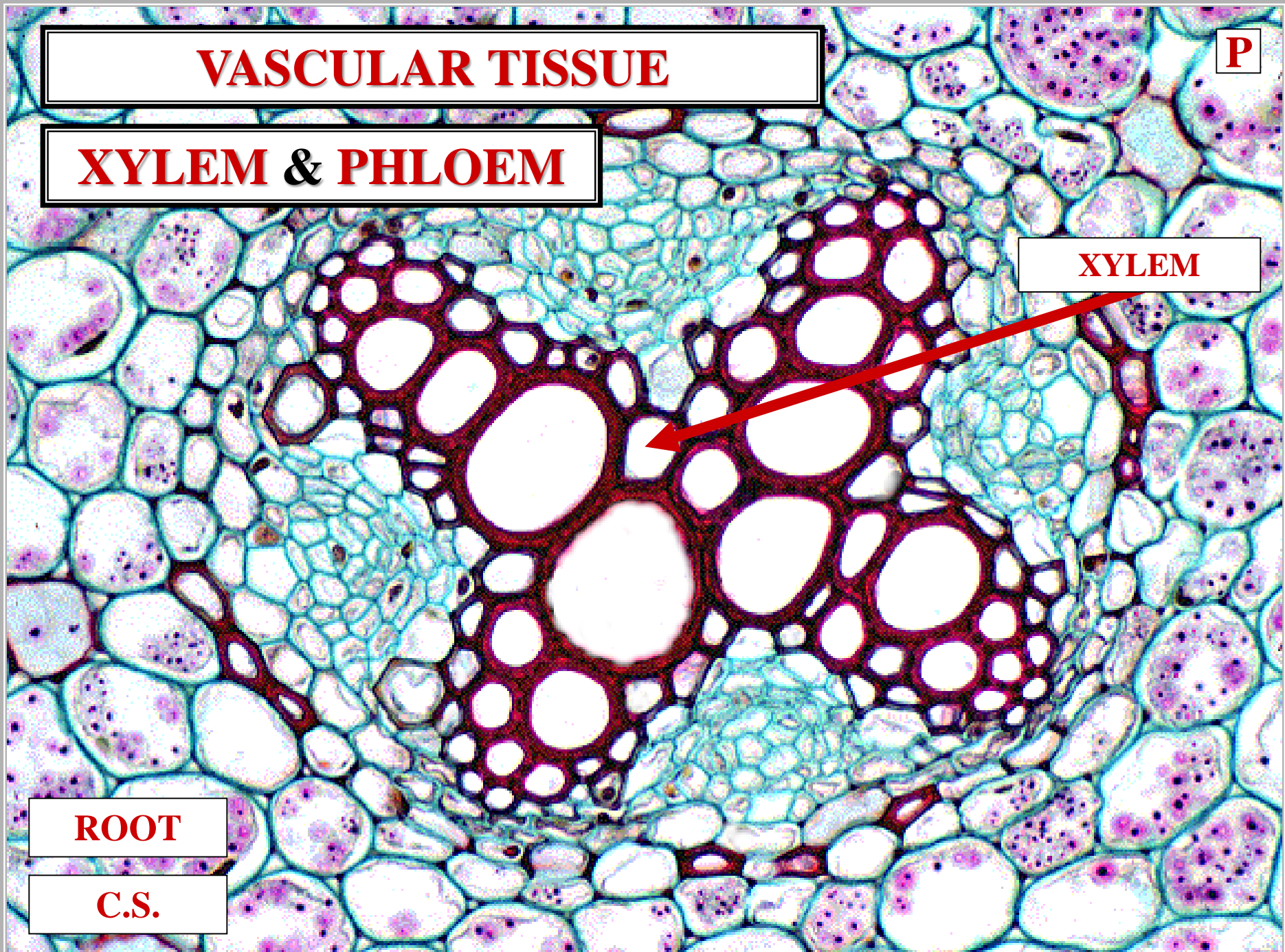
XYLEM & PHLOEM

P

XYLEM

ROOT

C.S.



VASCULAR TISSUE

XYLEM & PHLOEM

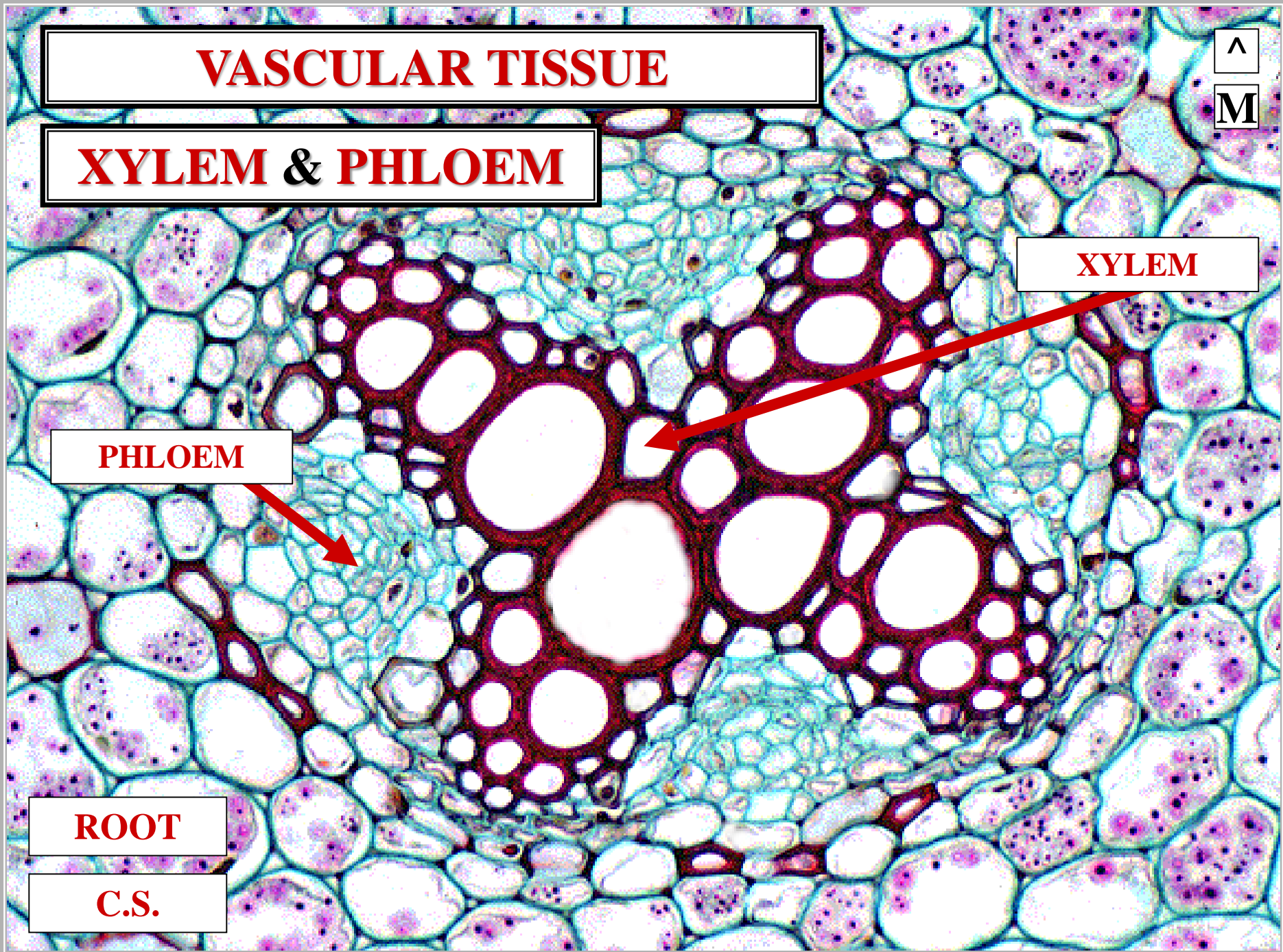
XYLEM

PHLOEM

ROOT

C.S.

^
M



MORPHOLOGY