

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

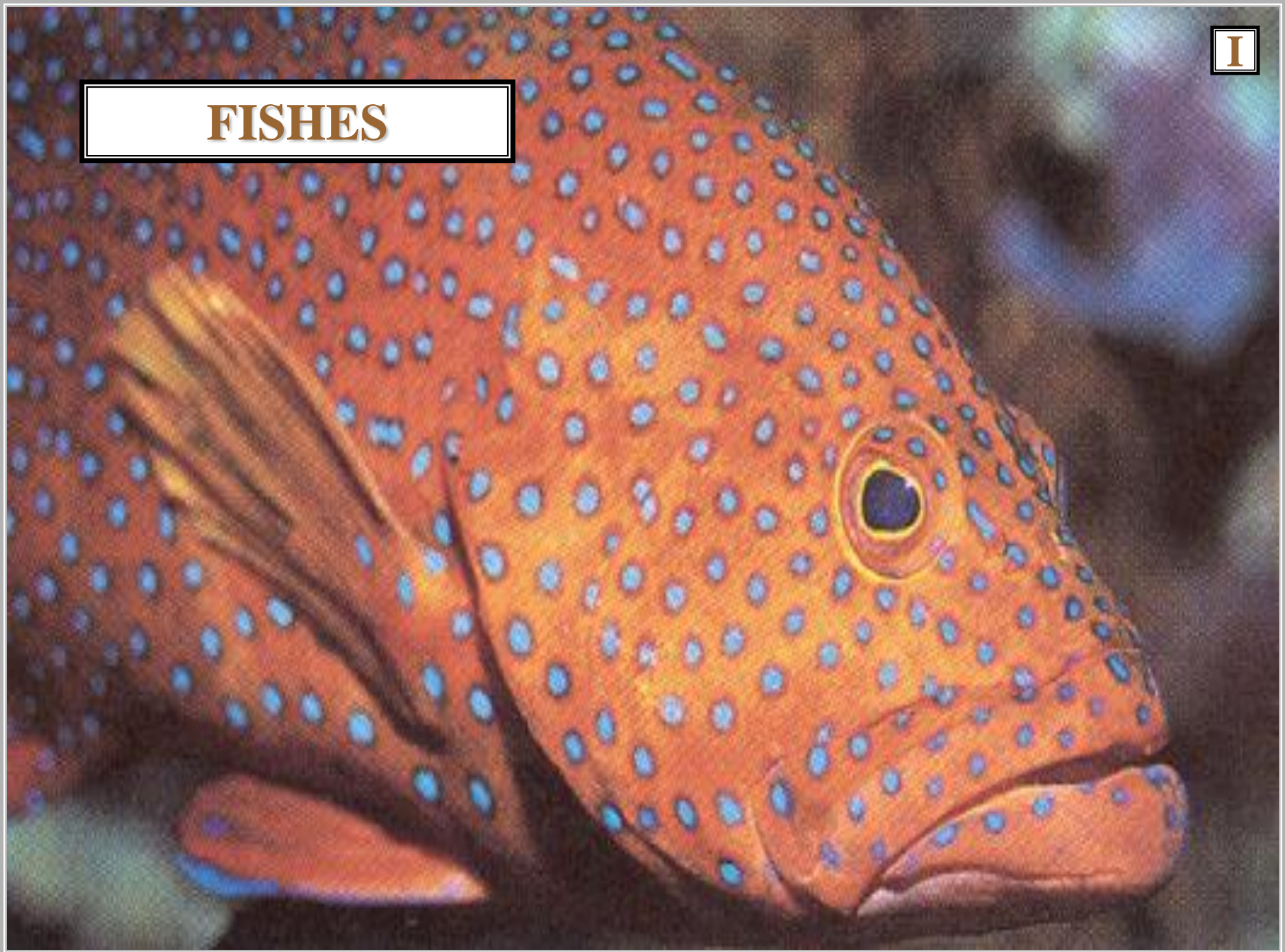




ENTOMOLOGY

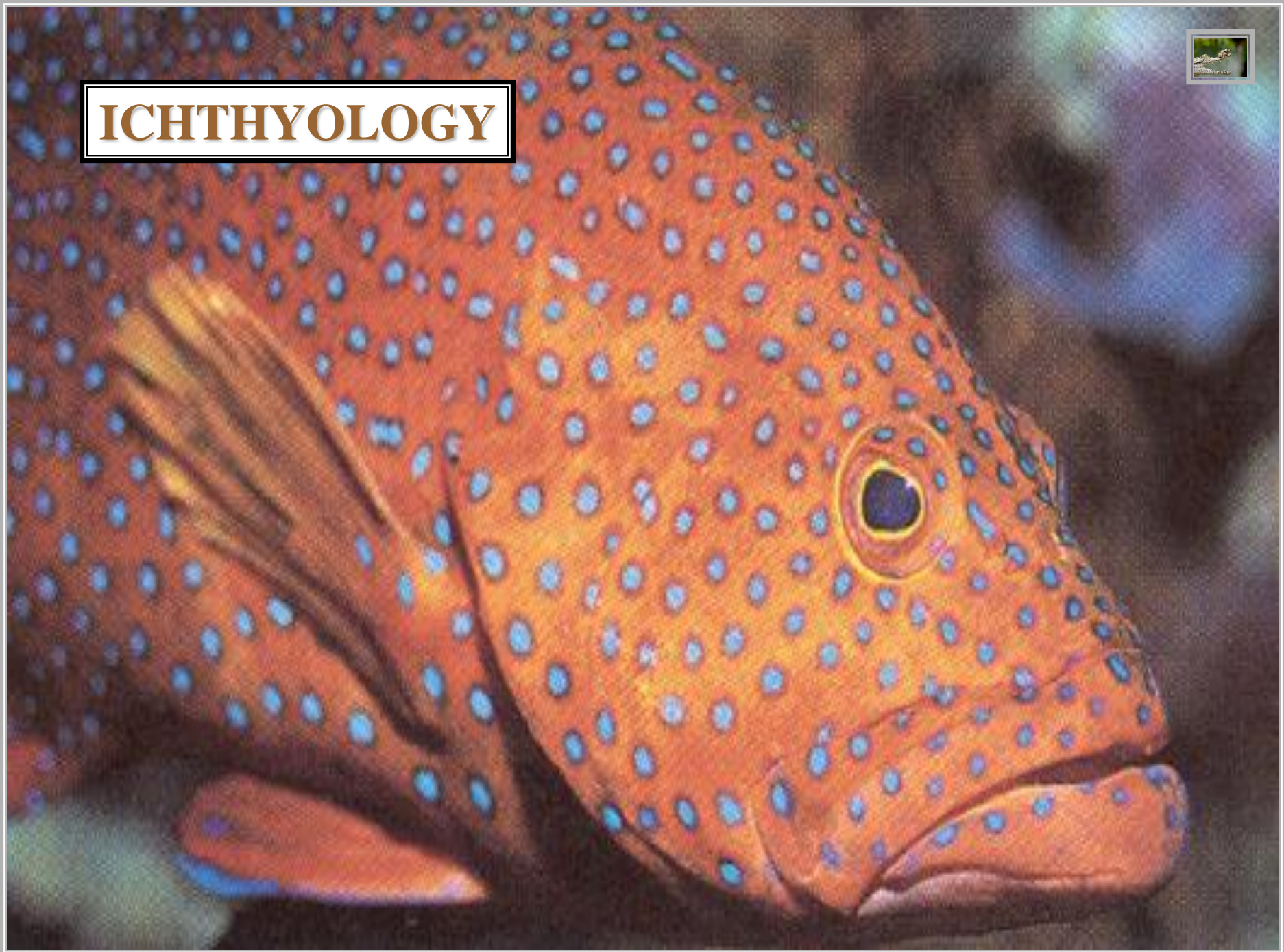


FISHES





ICHTHYOLOGY



REPTILES & AMPHIBIANS





HERPETOLOGY



MAMMALS

A herd of zebras with black and white stripes is gathered in a field of tall, golden-brown grass. The zebras are facing towards the camera, with some looking directly at it. The background shows a hazy, open landscape under a clear sky.

!

B

MAMMOLOGY

BOTANY

BOTANY



STUDY

PLANT DIVERISTY

BOTANY



PLANT DIVERSITY





INTRODUCTION

BOTANY

BOTANIST

BOTANIST

BOTANIST



PLANT BIOLOGIST

BOTANIST



BOTANIST
PLANT BIOLOGIST



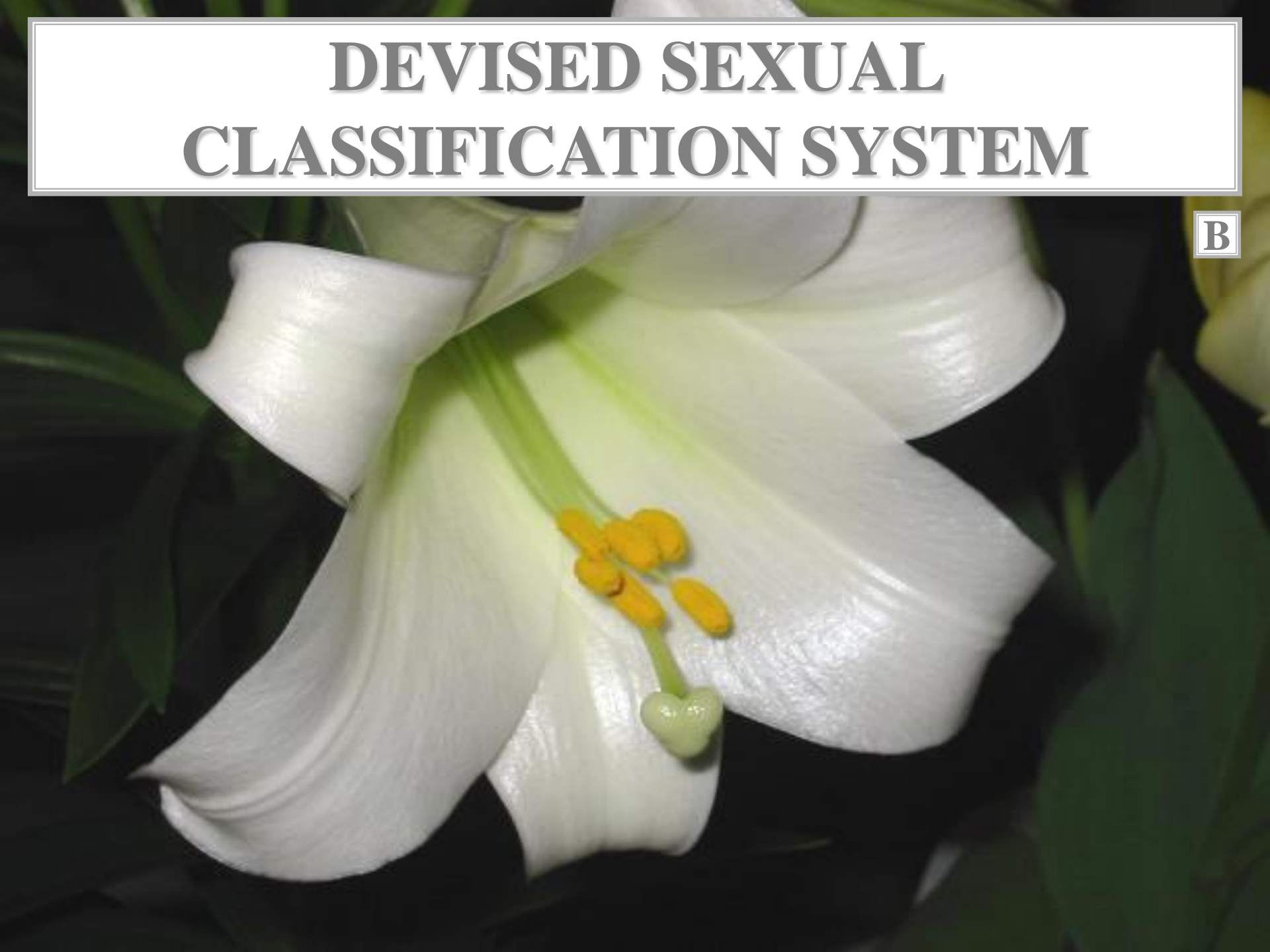
SWEDISH BOTANIST



CARL LINNAEUS

DEvised SEXUAL CLASSIFICATION SYSTEM

B





BASED ON STAMEN & PISTIL NUMBER



S

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

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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**

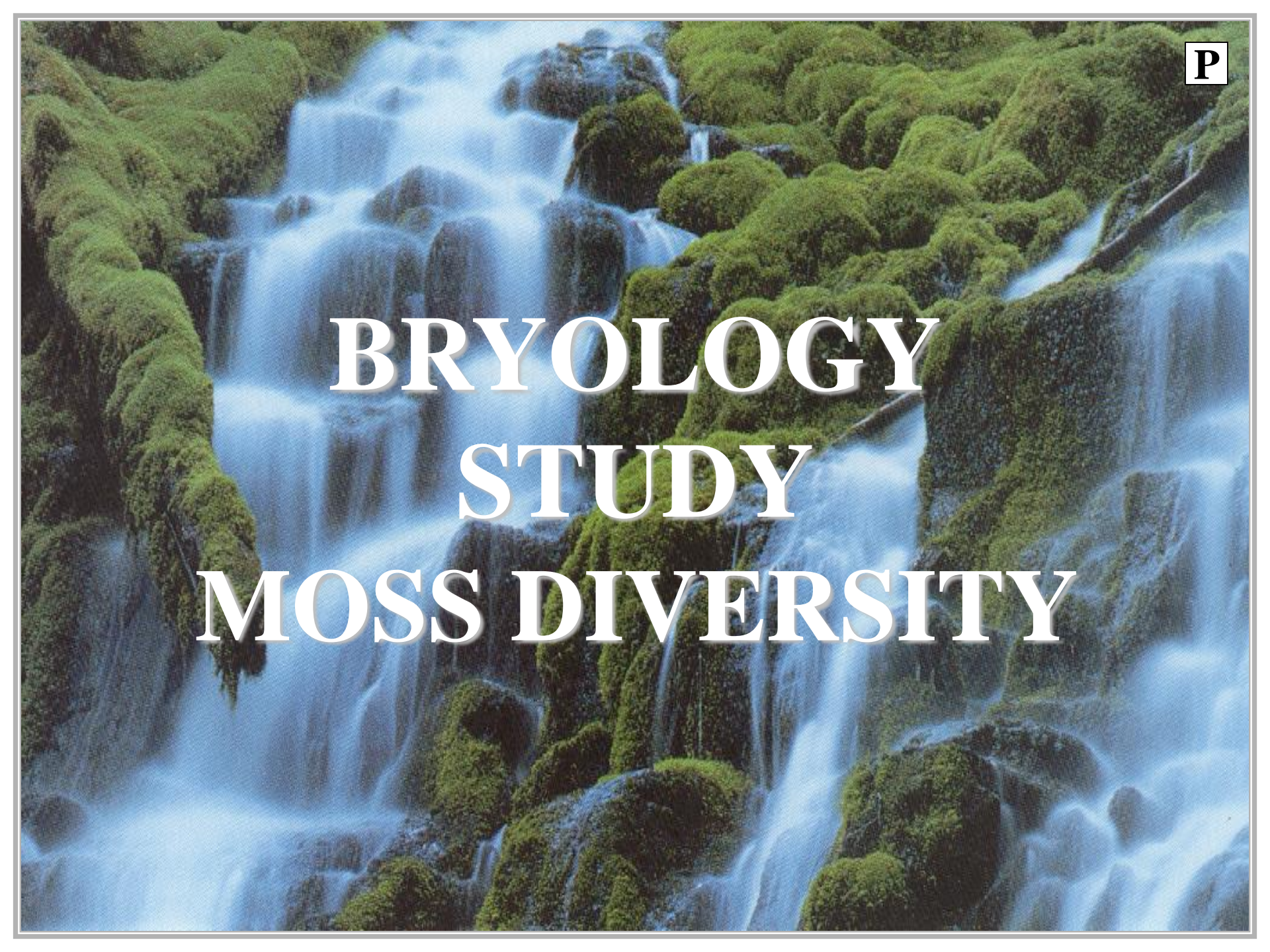
BRYOLOGY

BRYOLOGY



STUDY MOSS DIVERSITY

BRYOLOGY

A photograph of a waterfall in a lush, green forest. The water is cascading over moss-covered rocks, creating a soft, white mist. The surrounding vegetation is dense and vibrant green. The text is overlaid in the center of the image.

**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, brownish-green cones and clusters of green needles. The background is a soft, out-of-focus green.

SPERMATOLOGY STUDY SEED PLANT DIVERSITY

SEED PLANTS

G



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A



GYMNOSPERMS

ANGIOSPERMS



S





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



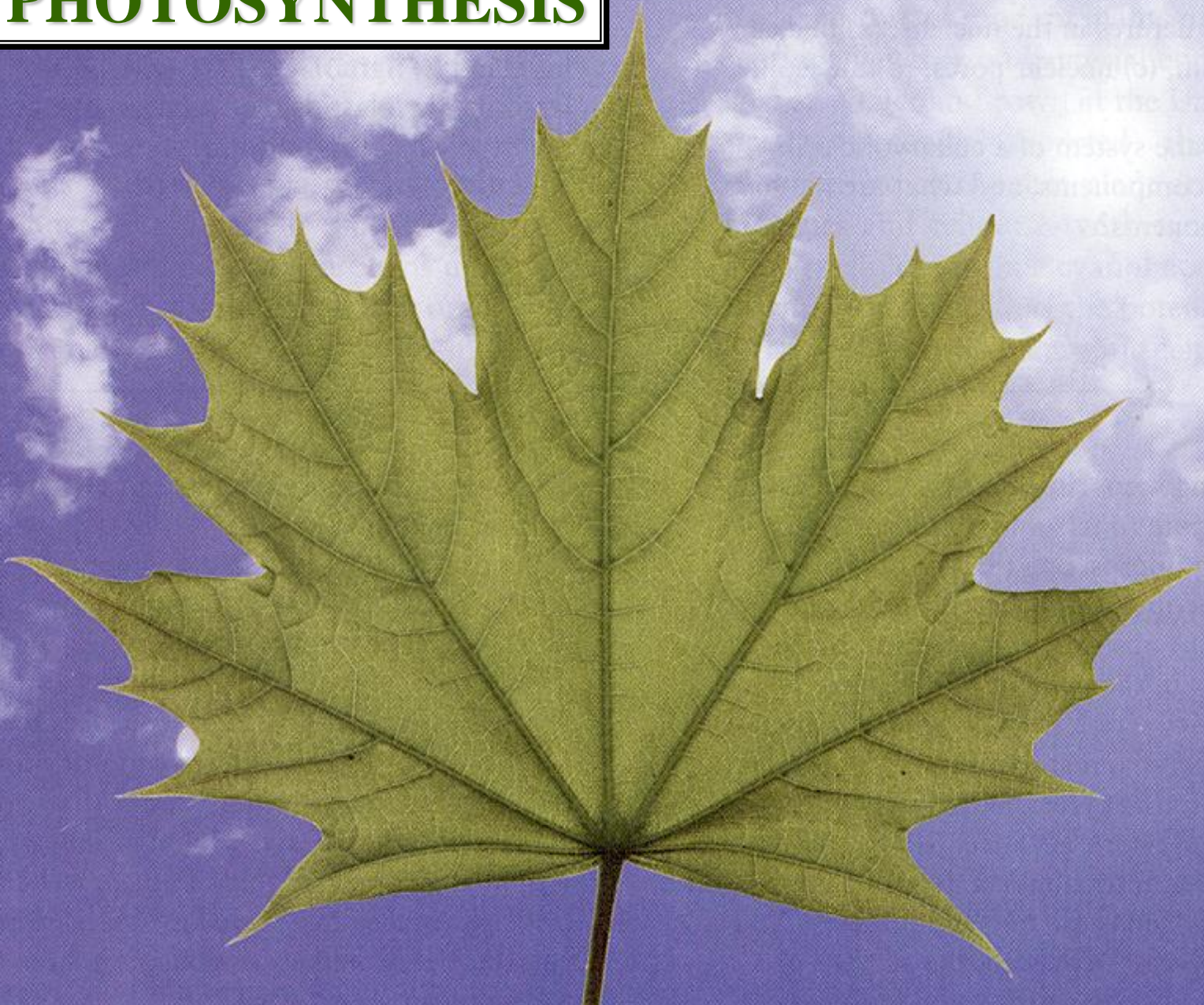
**STUDY PLANT
BIOCHEMISTRY**

PHYSIOLOGY



**PHYSIOLOGY
STUDY
PLANT
BIOCHEMISTRY**

PHOTOSYNTHESIS



PHOTOSYNTHESIS

L



WATER

CO₂

LIGHT ENERGY

PHOTO

ATMOSPHERE

E-

PHOTOLYSIS



?

CHEMICAL ENERGY

?

CHLOROPLAST

SYNTHESIS

CHEMICAL ENERGY INPUT

ATMOSPHERE

OXYGEN



PHOTOSYNTHESIS

D



WATER

CO₂

LIGHT ENERGY

PHOTO

ATMOSPHERE

E-

PHOTOLYSIS

LIGHT REACTION
THYLAKOID

CHEMICAL ENERGY

?

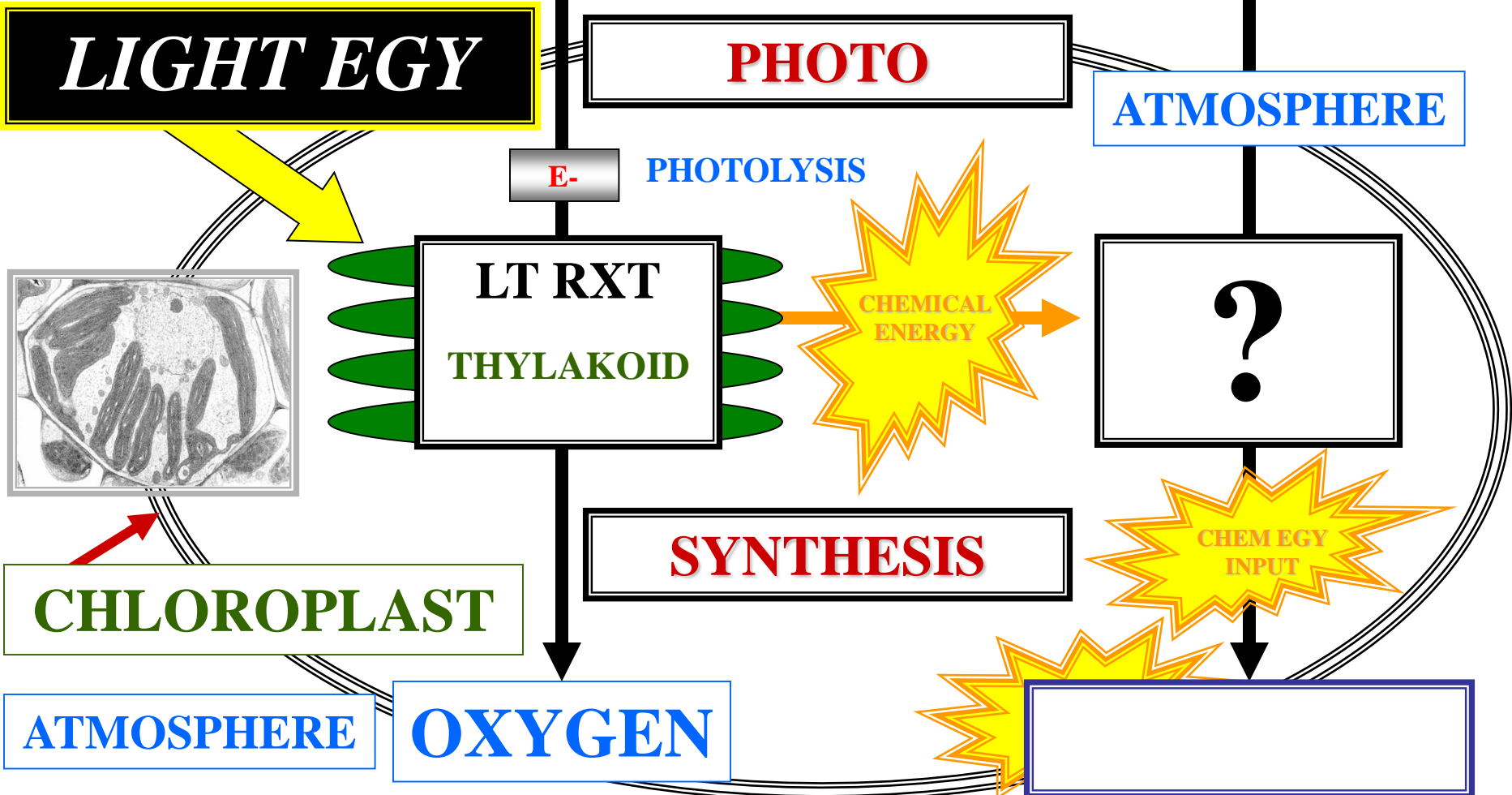
CHEMICAL ENERGY INPUT

SYNTHESIS

CHLOROPLAST

ATMOSPHERE

OXYGEN



PHOTOSYNTHESIS

G



WATER

CO₂

LIGHT ENERGY

PHOTO

ATMOSPHERE

E-

PHOTOLYSIS

LT RXT

THYLAKOID

CHEMICAL ENERGY

DK RXT

STROMA

SYNTHESIS

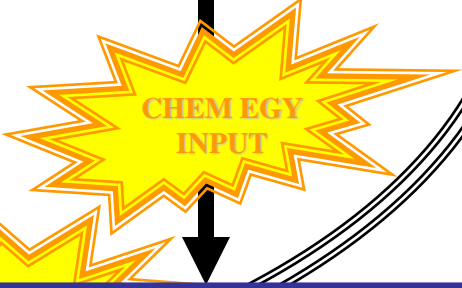
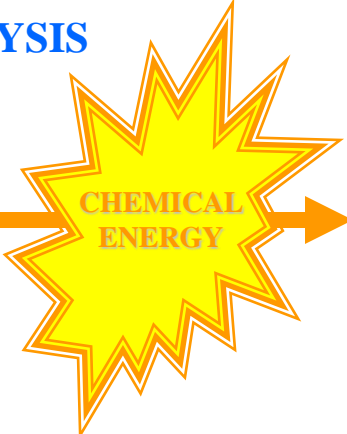
CHEMICAL ENERGY INPUT

CHLOROPLAST

ATMOSPHERE

OXYGEN

?



PHOTOSYNTHESIS



WATER

CO₂

^
C

LIGHT ENERGY

PHOTO

ATMOSPHERE

E-

PHOTOLYSIS

LT RXT

THYLAKOID

CHEMICAL ENERGY

DK RXT

STROMA

SYNTHESIS

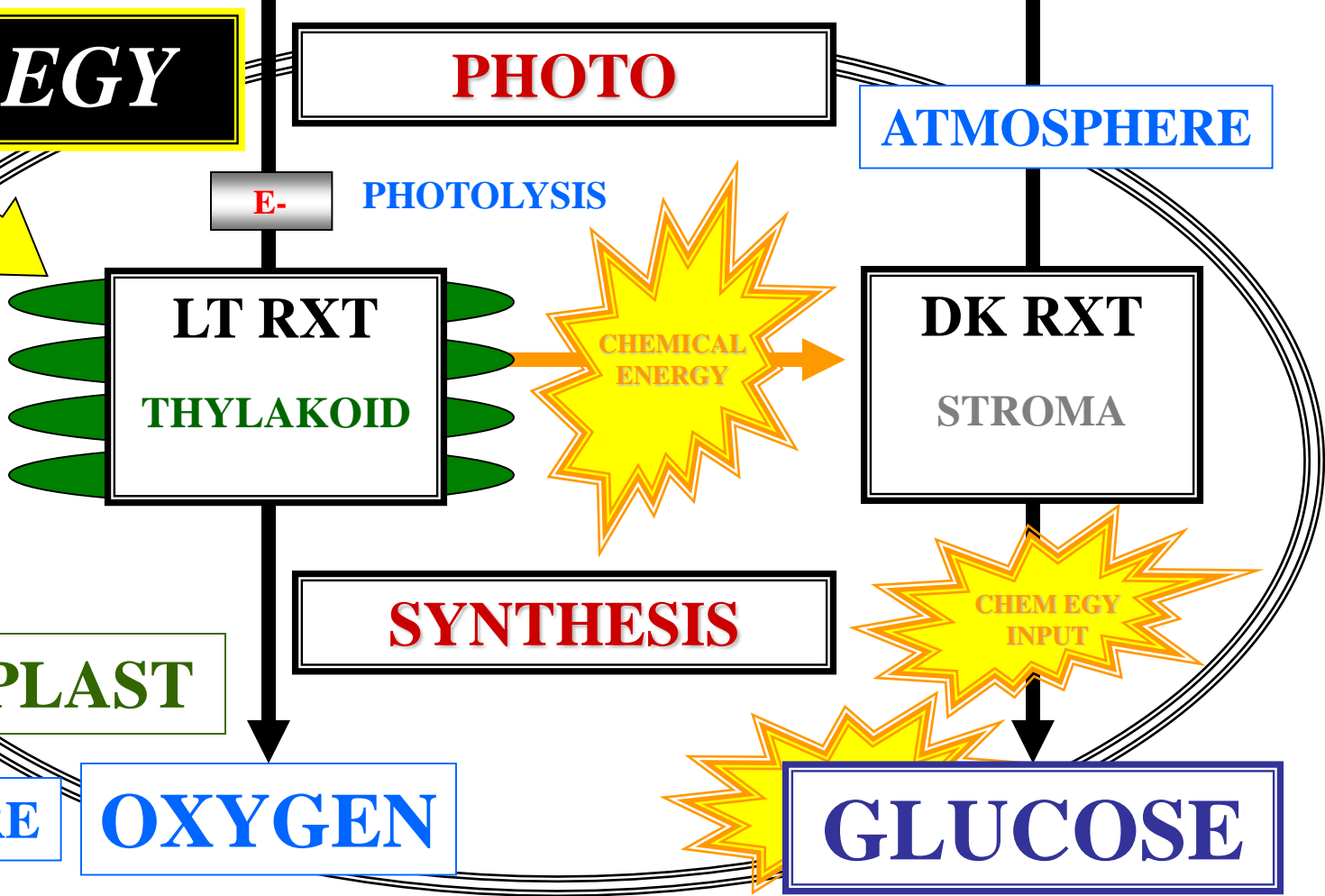
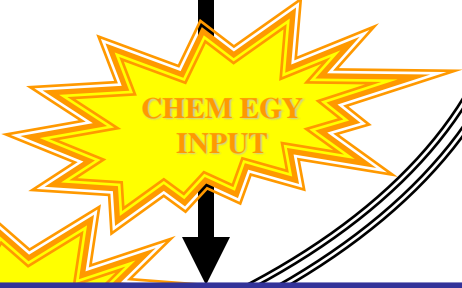
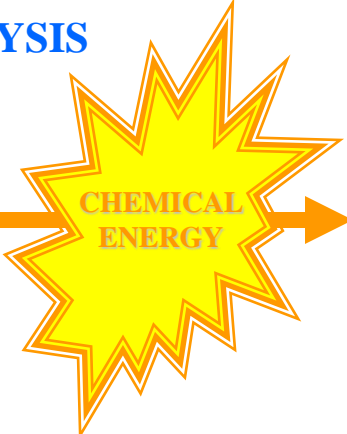
CHEMICAL ENERGY INPUT

CHLOROPLAST

ATMOSPHERE

OXYGEN

GLUCOSE



CYTOLOGY



CYTOLOGY

STUDY PLANT CELLS

CYTOLOGY

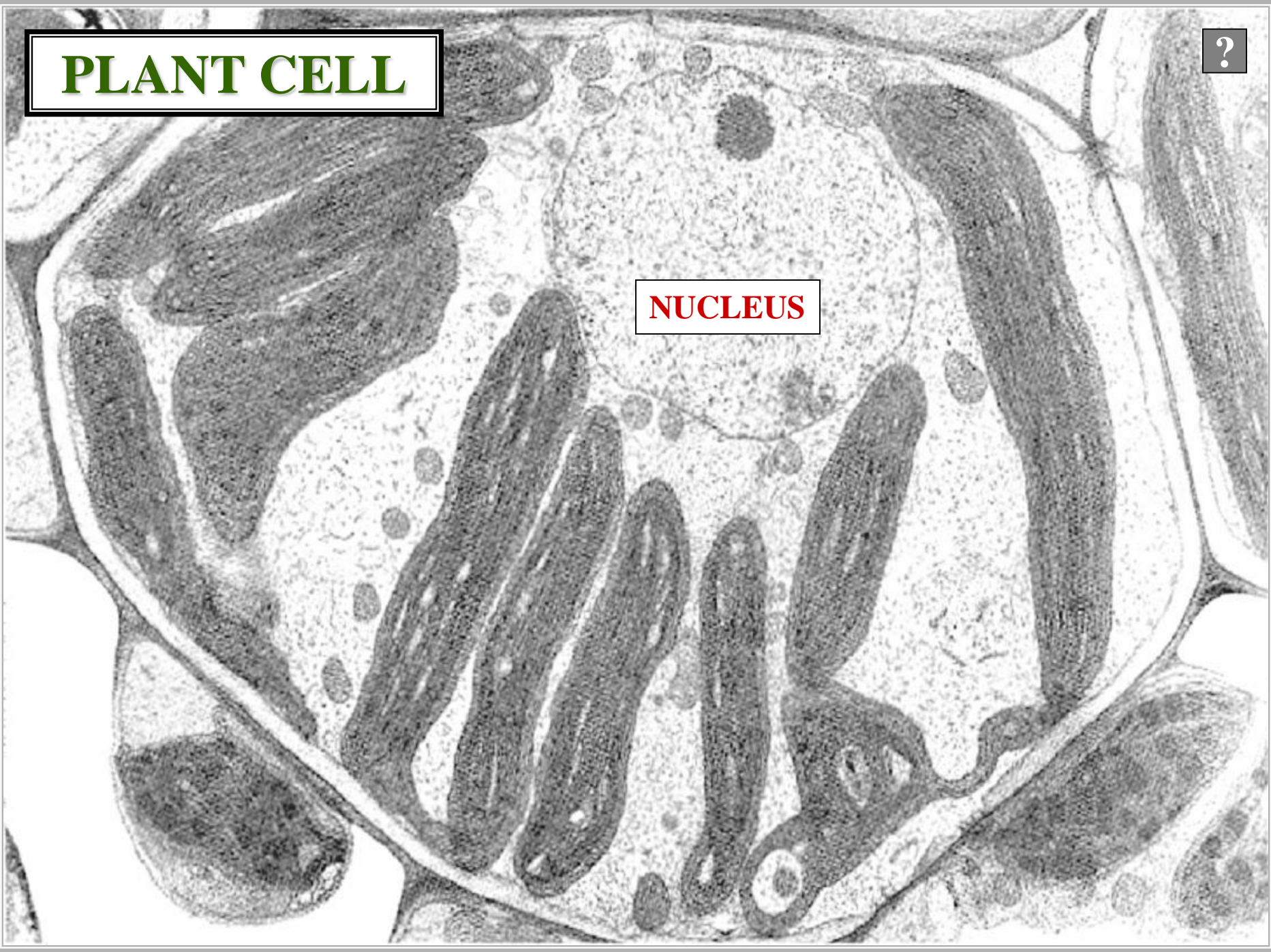


CYTOLOGY STUDY PLANT CELLS

PLANT CELL

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NUCLEUS

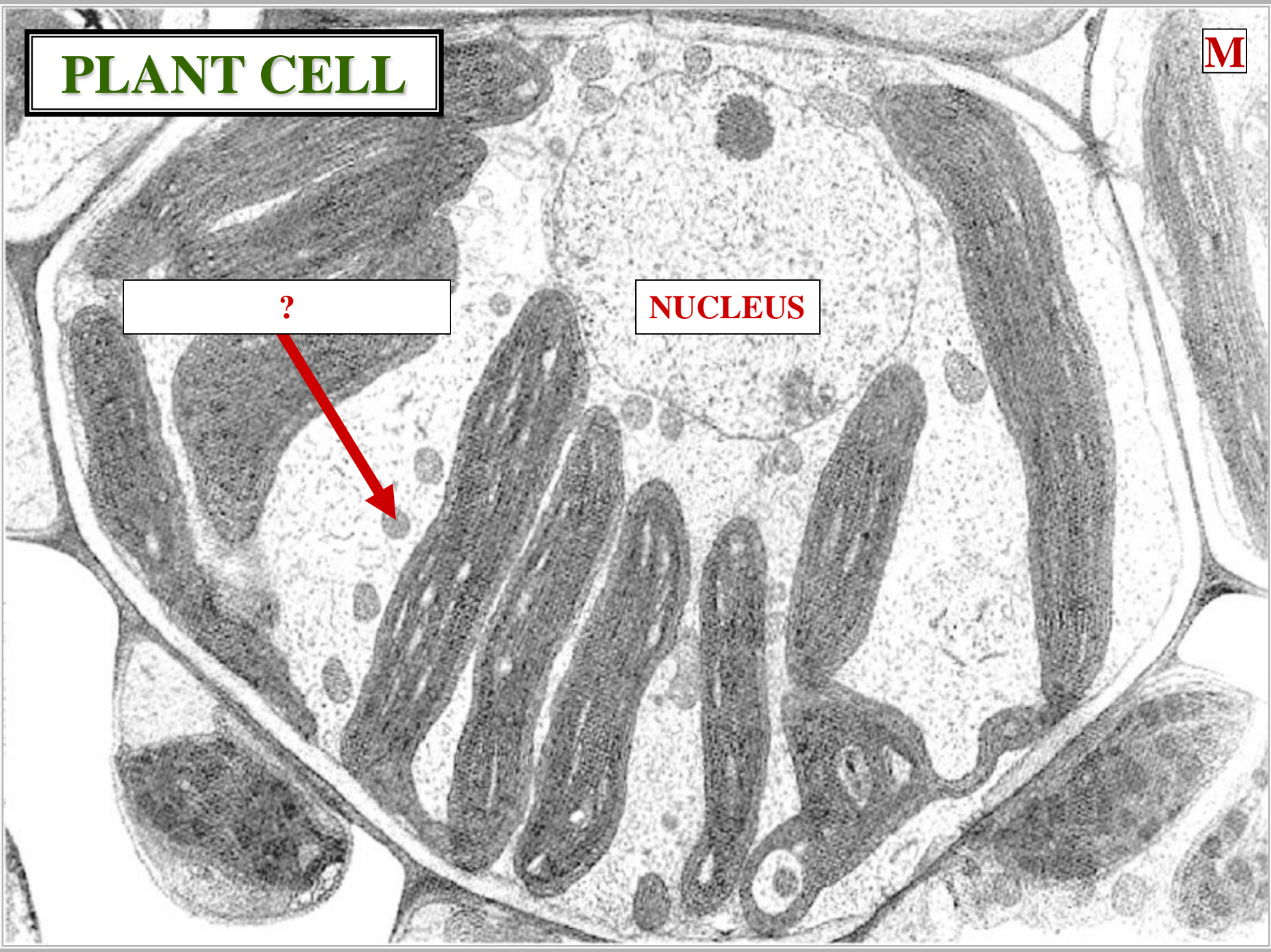


PLANT CELL

M

NUCLEUS

?

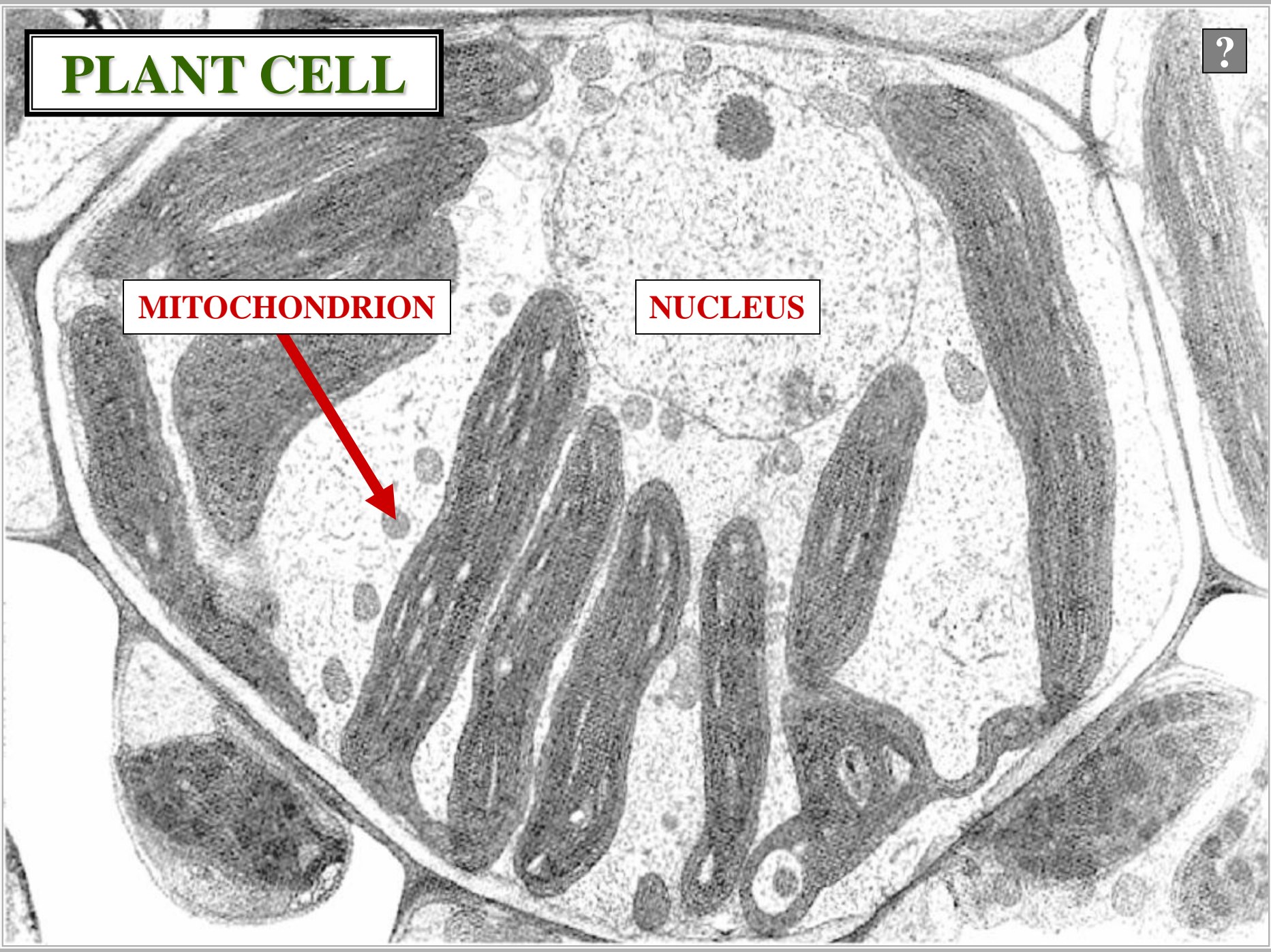
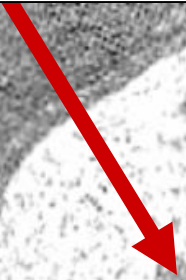


PLANT CELL

?

MITOCHONDRION

NUCLEUS



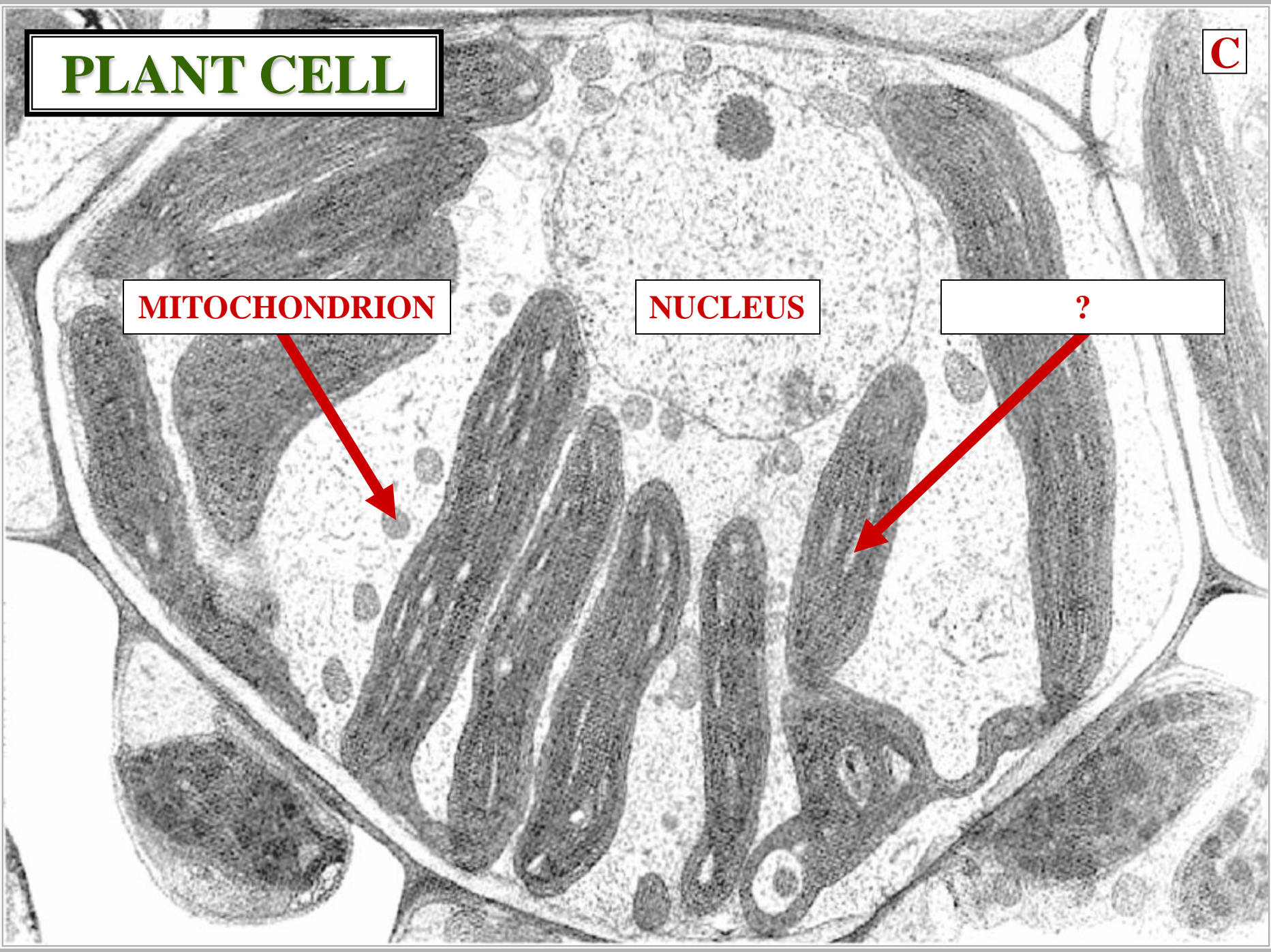
PLANT CELL

C

MITOCHONDRION

NUCLEUS

?



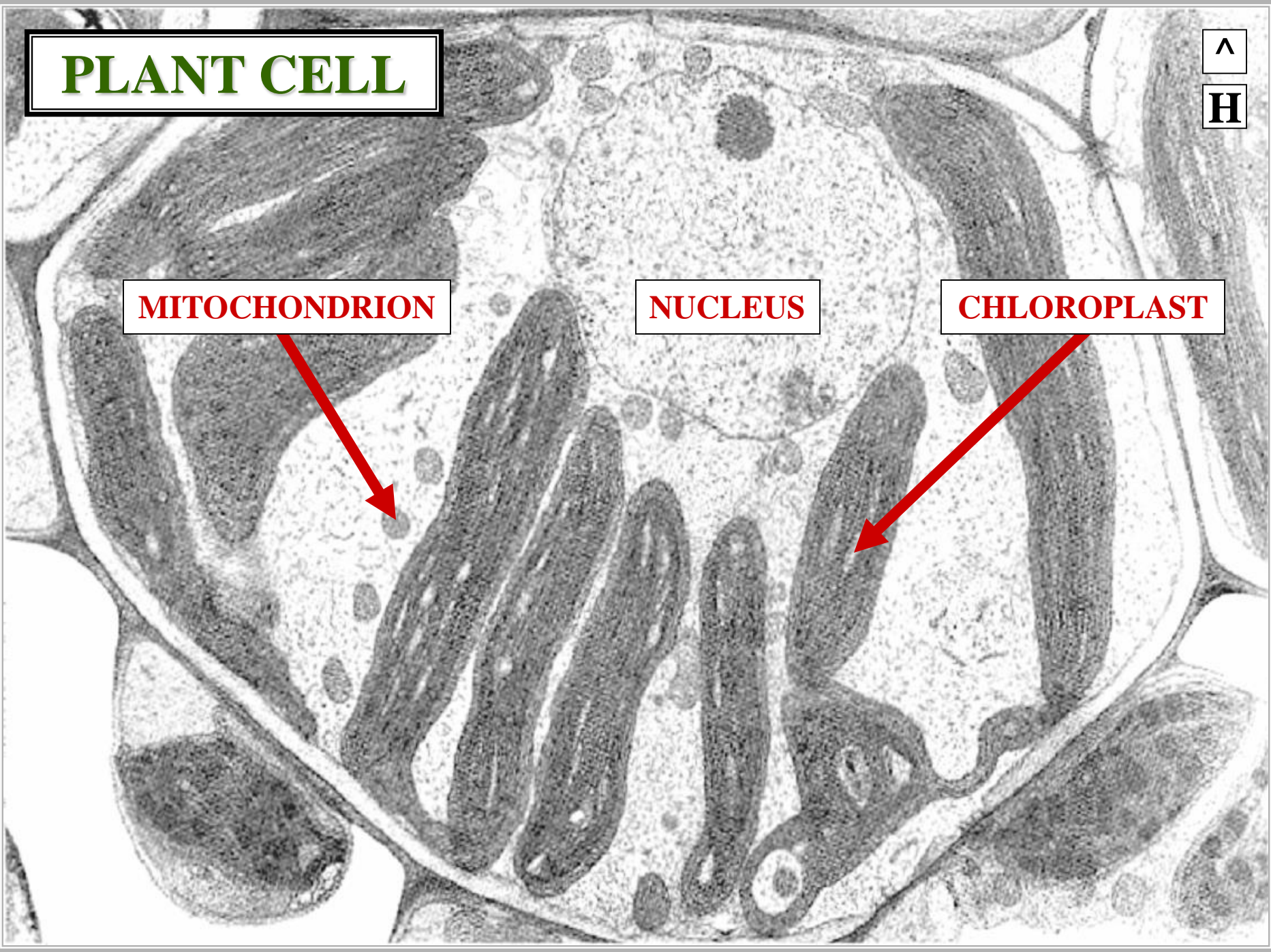
PLANT CELL

^
H

MITOCHONDRION

NUCLEUS

CHLOROPLAST



HISTOLOGY

HISTOLOGY



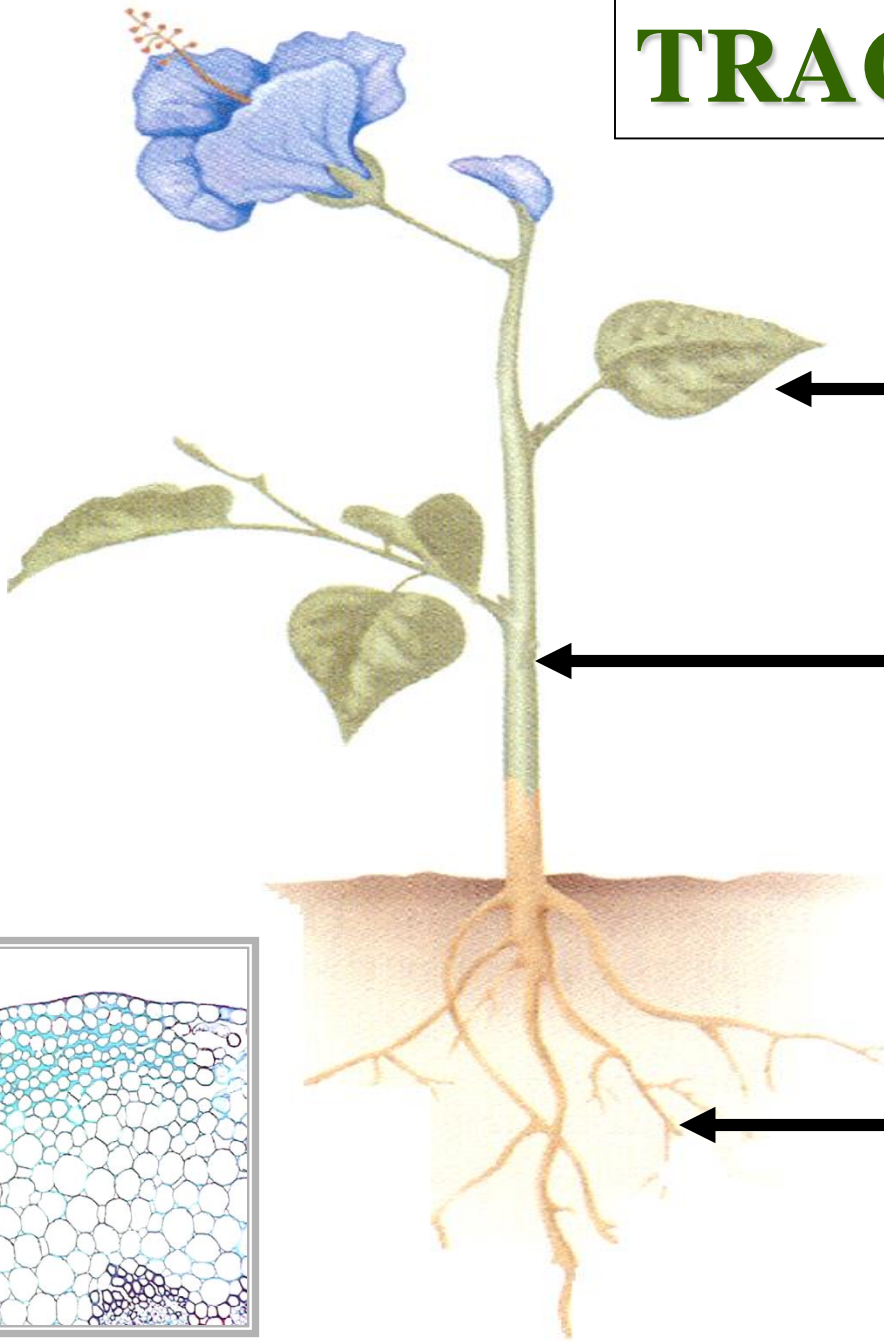
STUDY PLANT TISSUES

HISTOLOGY



HISTOLOGY STUDY PLANT TISSUES

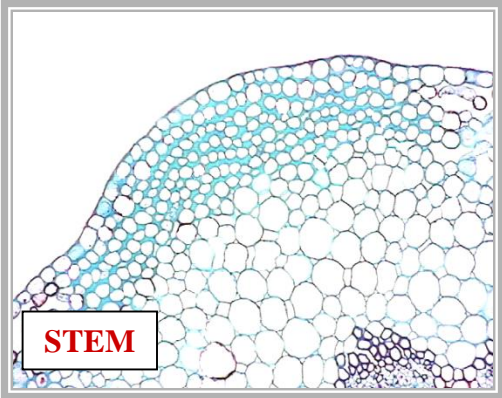
TRACHEOPHYTE



LEAF

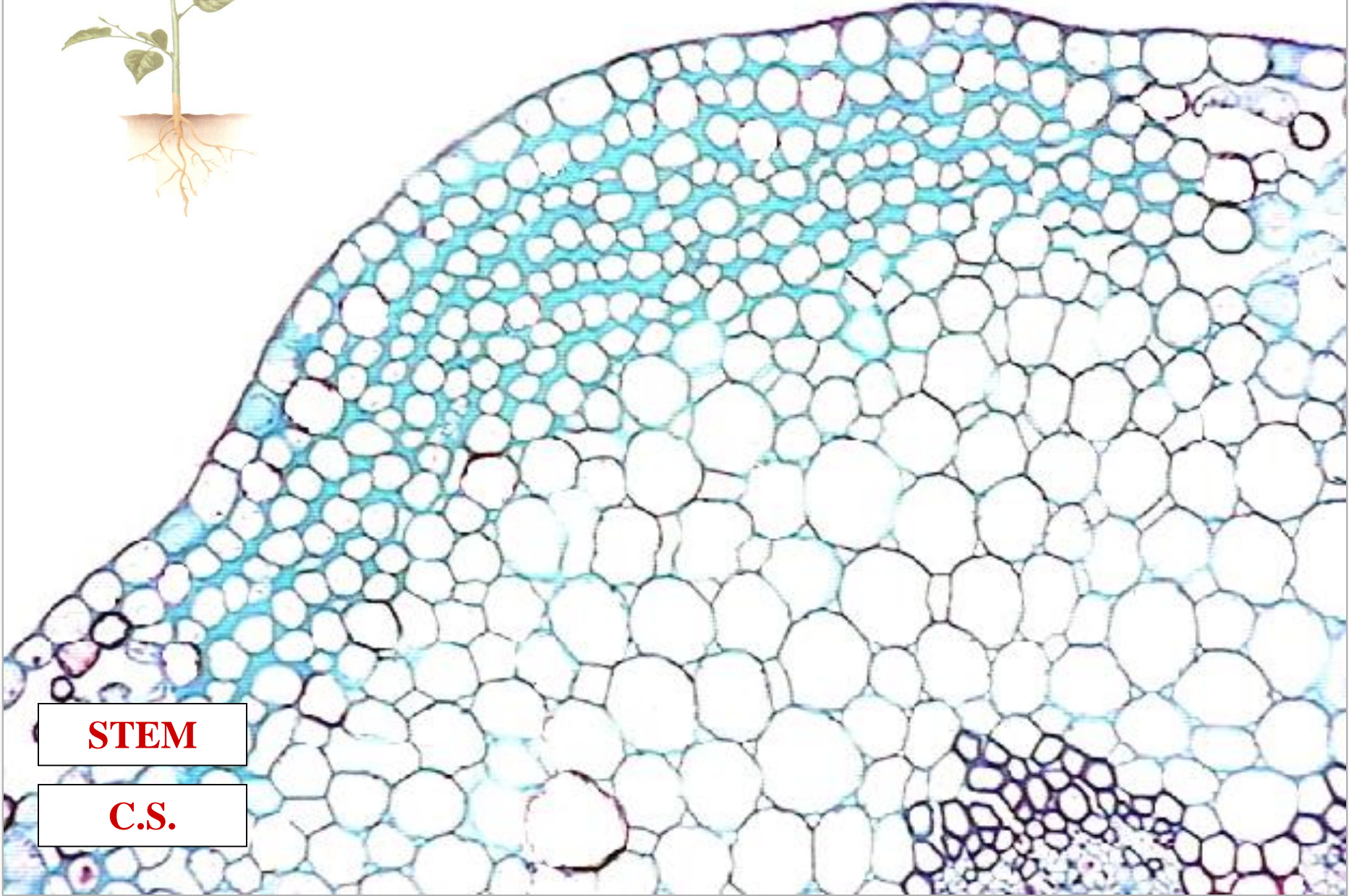
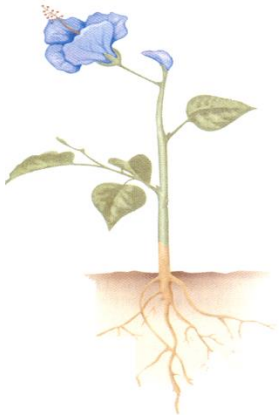
STEM

ROOT



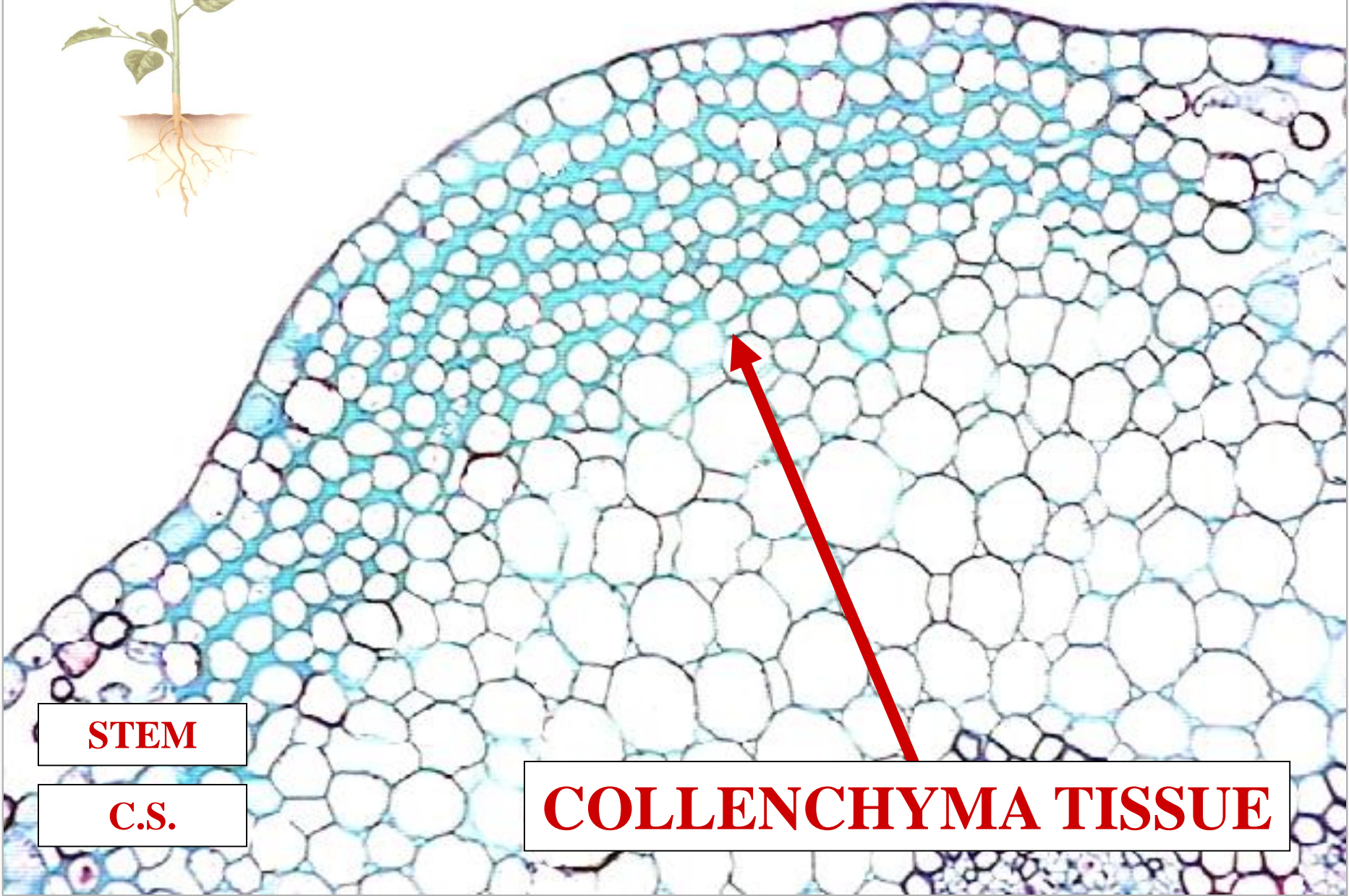
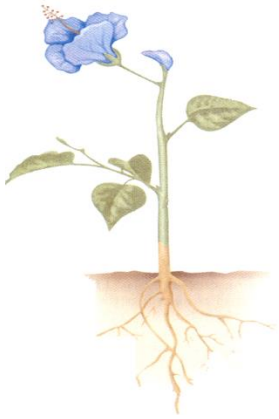
STEM

C



STEM

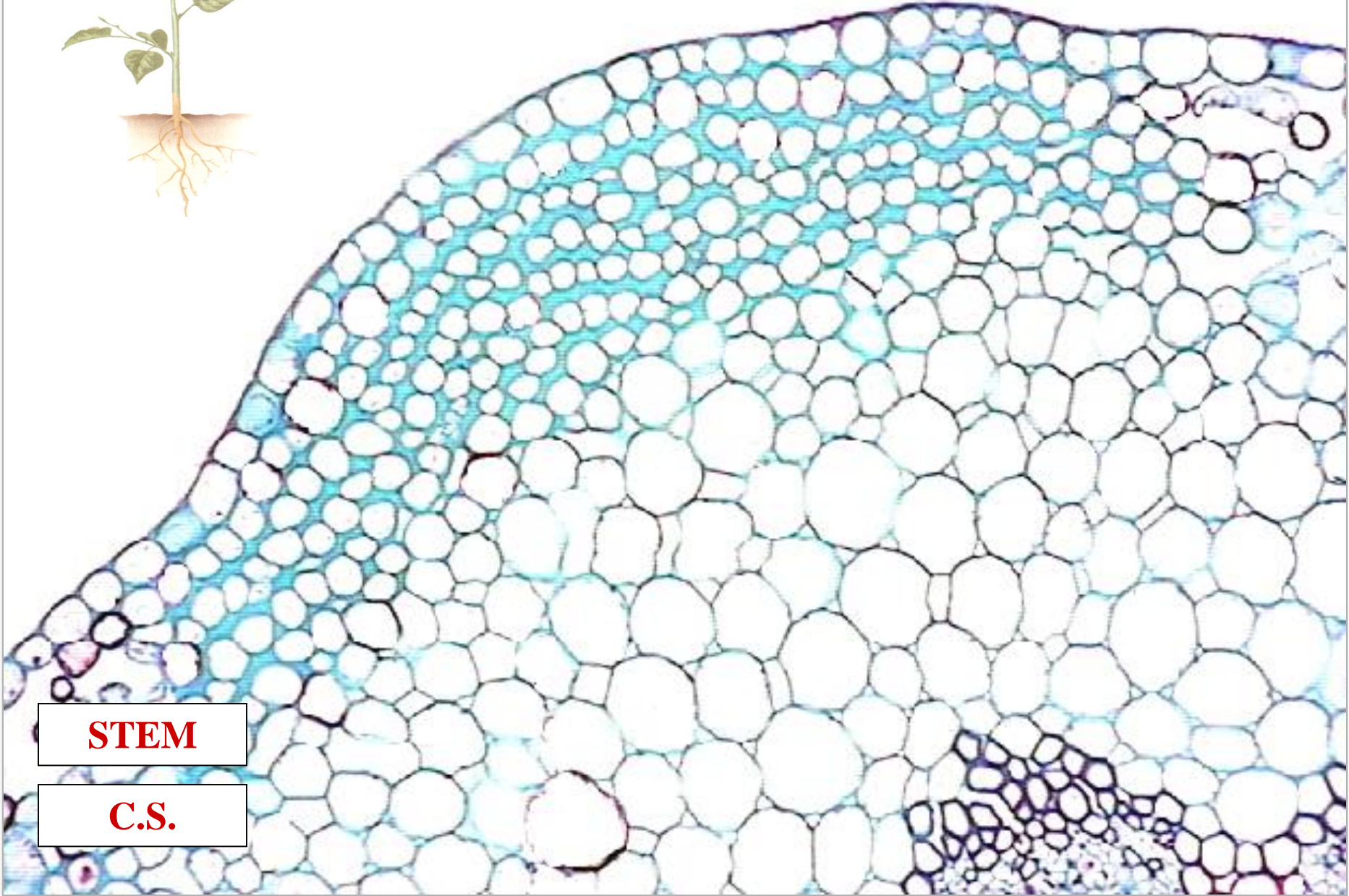
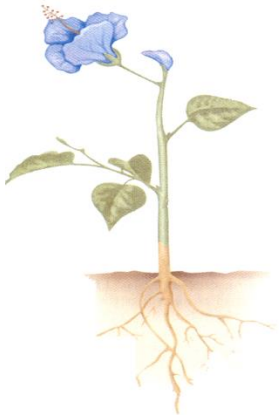
C.S.



STEM

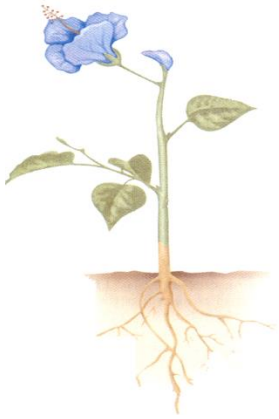
C.S.

COLLENCHYMA TISSUE

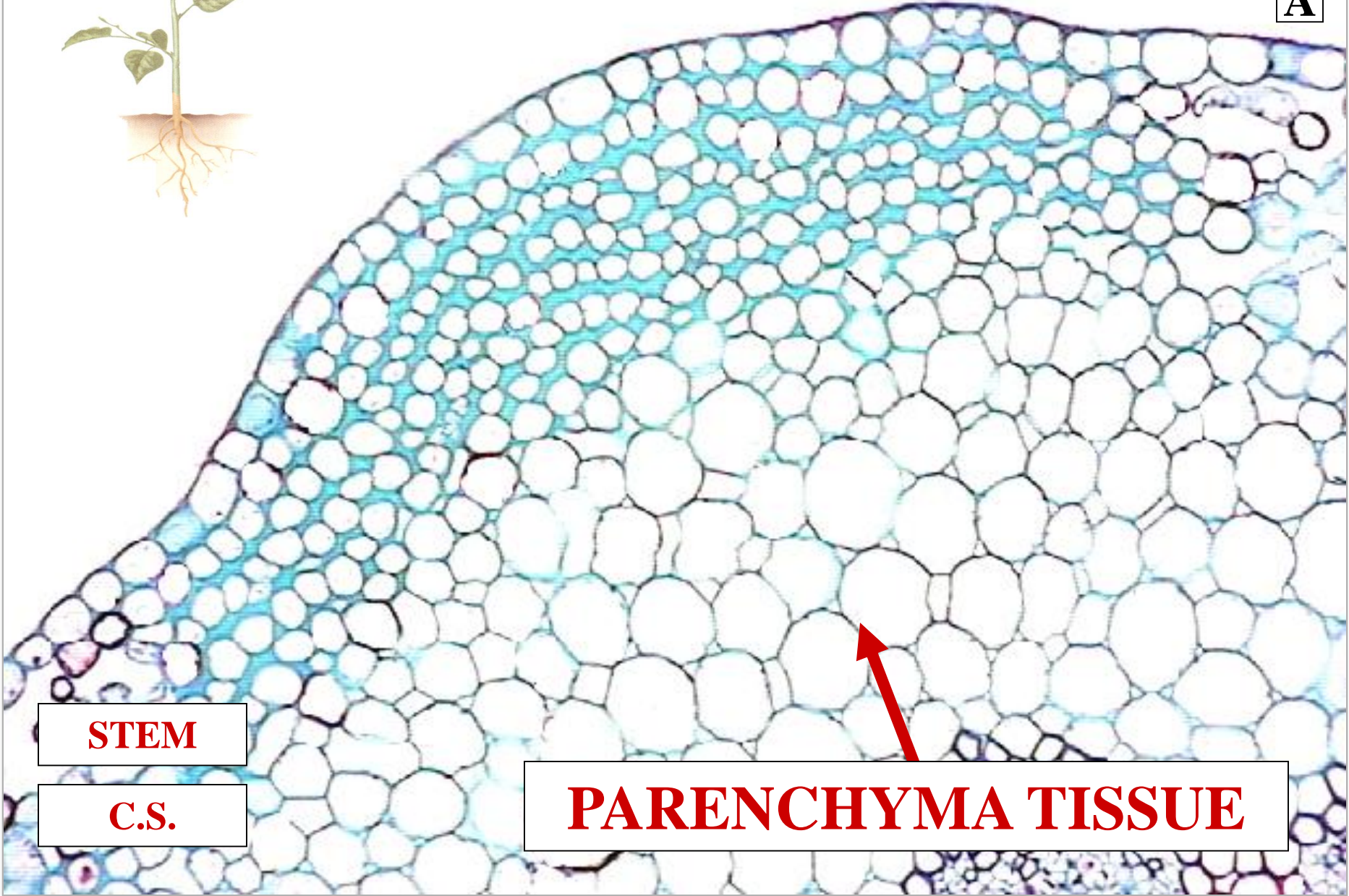


STEM

C.S.



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A



STEM

C.S.

PARENCHYMA TISSUE

ANATOMY

ANATOMY



STUDY PLAN

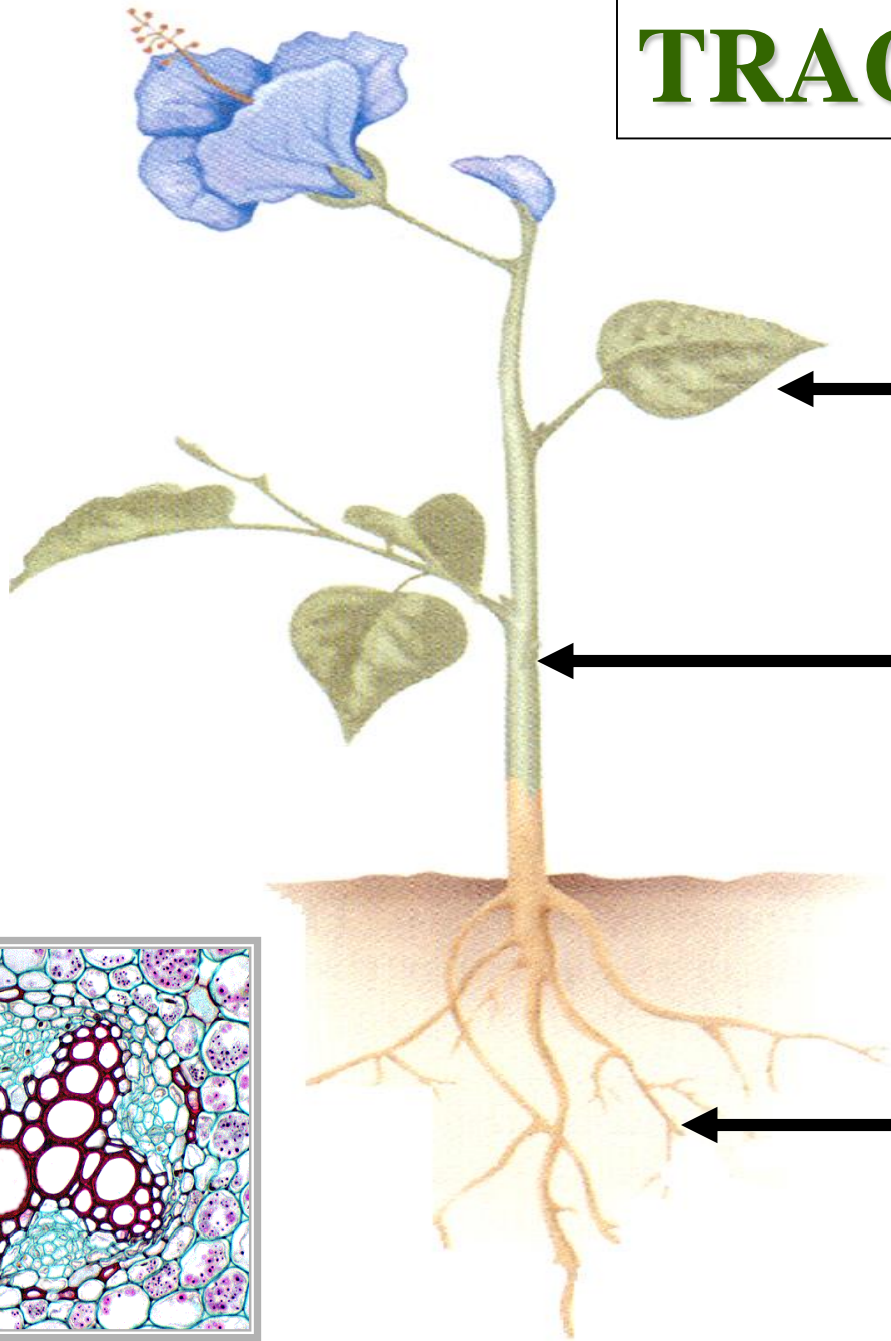
INTERNAL STRUCTURE

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.

**ANATOMY
STUDY
INTERNAL
PLANT STRUCTURE**

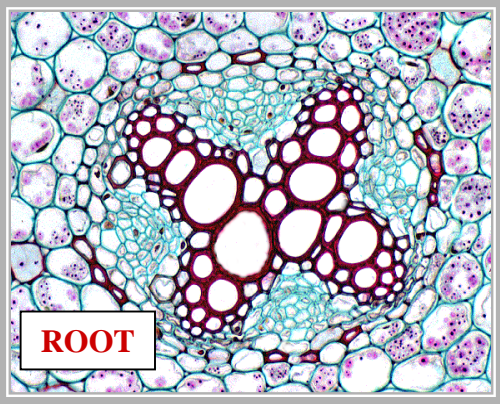
TRACHEOPHYTE



LEAF

STEM

ROOT



ROOT

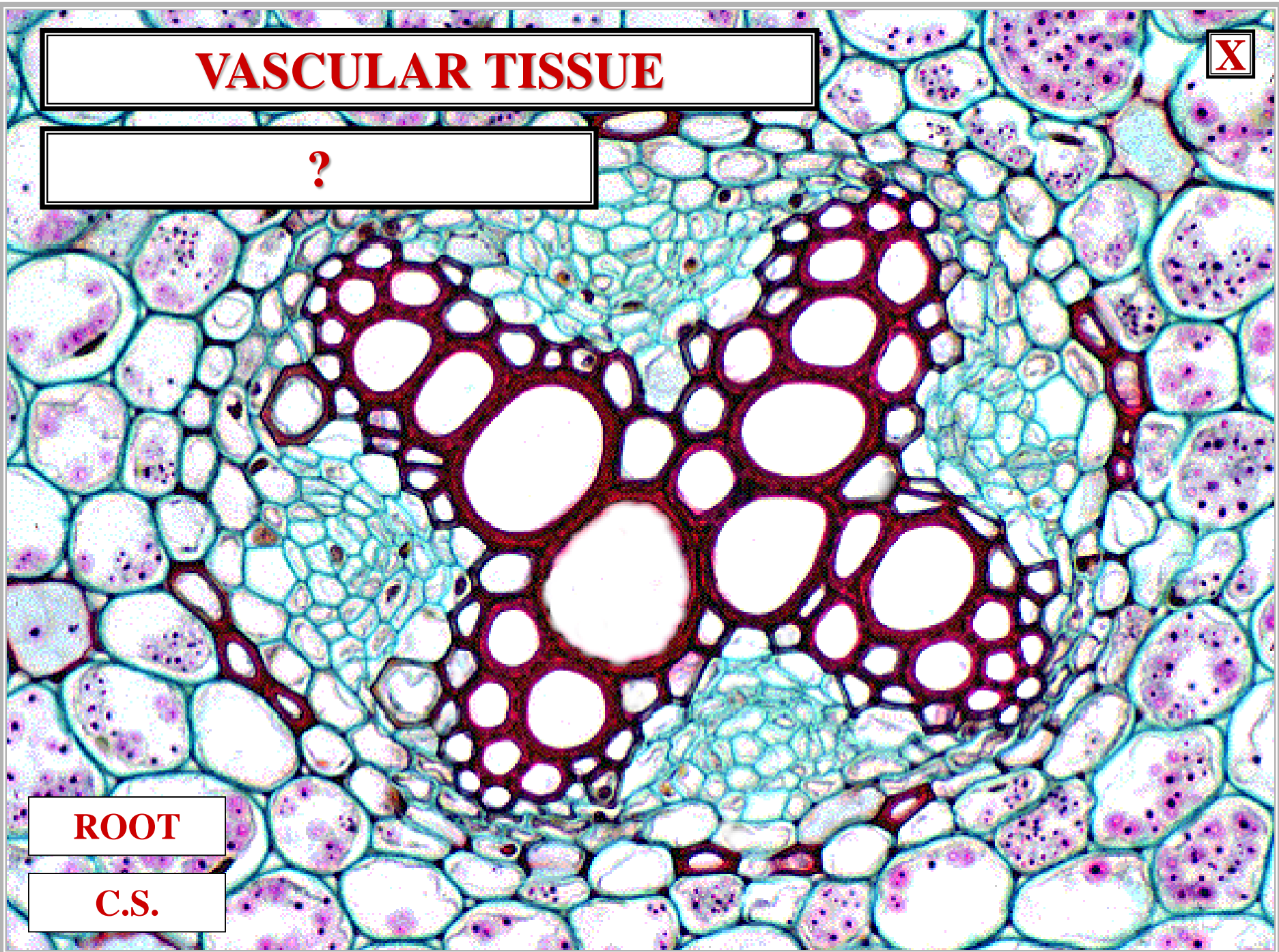
VASCULAR TISSUE

?

ROOT

C.S.

X



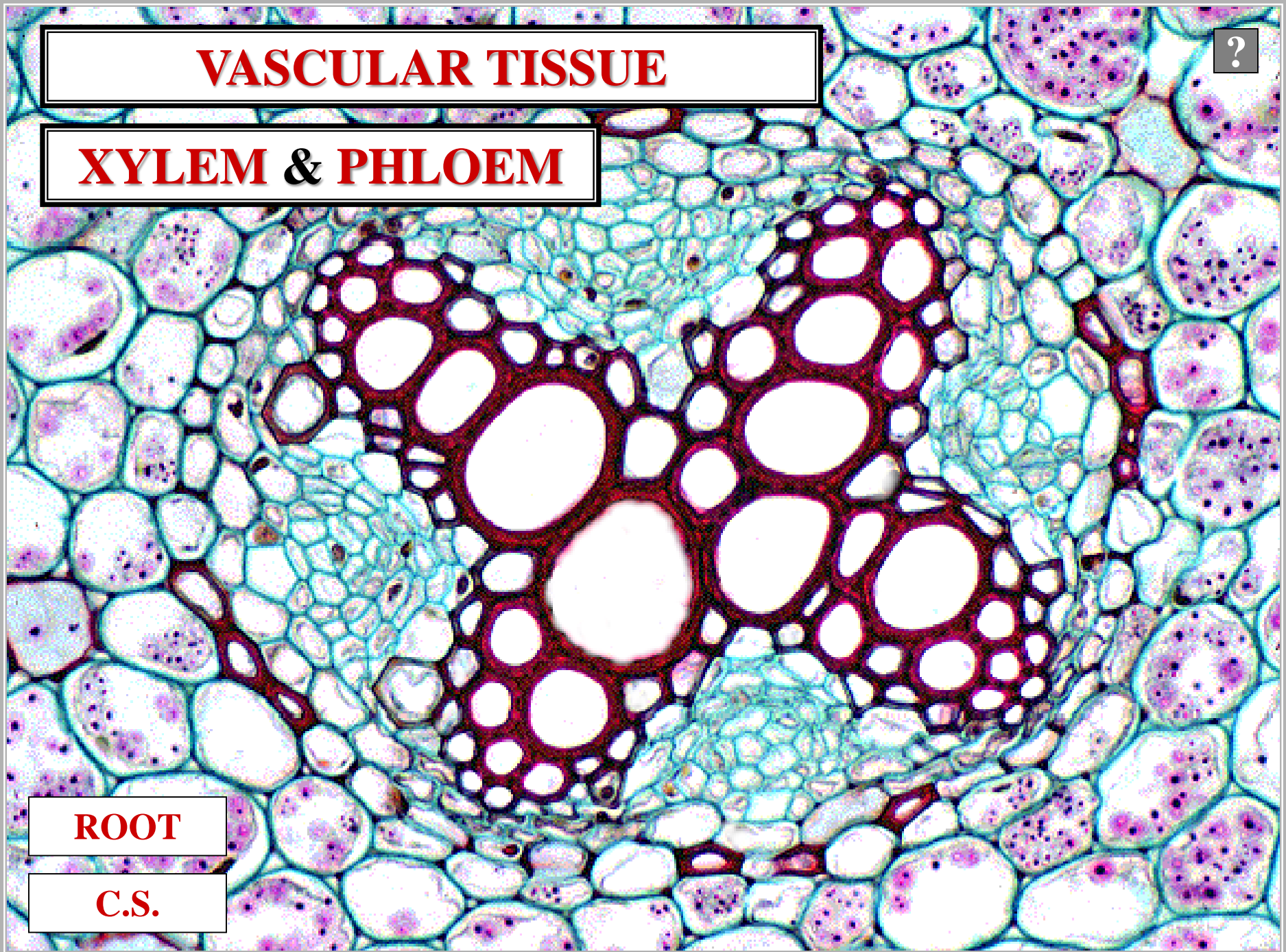
VASCULAR TISSUE

XYLEM & PHLOEM

?

ROOT

C.S.



VASCULAR TISSUE

XYLEM & PHLOEM

X

?

ROOT

C.S.

