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Botany Slides

Product Image



Description

Note: All slides and specimen are subject to availability of respective organism.
Note: Slides or specimen of any organism prohibited under Indian rules, law or regulation would not be supplied.

Algae Cyanophyceae

Aulosira
Anabaena WM
Aphanotheca WM
Chroococcus WM
Gleotrichia WM
Gleocapsa WM
Gleothecea WM
Lyngbya WM
Phormidium
Microcystis WM
Nostoc WM
Nostoc in root section
Nostochopsis
Oscillatoria WM
Rivularia WM
Stigonema WM
Scytonema WM
Spirulina WM
Schizothrix
Tolypothrix WM

Chlorophyceae

Acetabularia WM
Botrydium WM
Bryopsis WM
Bulbochaete WM
Chlamydomonas WM
Chlamydomonas palmella WM
Caulerpa frond WM
Chaetophora WM
Chaetomorpha WM
Chlorococcus WM
Chara vegetative WM
Chara reproductive
Chara sexual V.S.
Chlorella WM
Cladophora WM
Cladophora reproductive WM
Closterium WM
Codium
Cosmarium WM
Coleochaete WM

Coleochaete discoid WM
Coleochaete antheridia
Coleochaete oogonium
Desmids mixed WM
Diatoms pinnate
Diatom centric
Drapanaldiopsis WM
Enteromorpha WM
Fristichella WM
Hydrodictyon WM
Halimeda WM
Eudorina WM
Mougeotia WM
Nitella WM
Oedogonium vegetative
Oedogonium capcells WM
Oedogonium macrandrous WM
Oedogonium nannandrous WM
Oedogonium oogonial WM
Pandorina WM
Pithophora WM
Rhizoclanium
Spirogyra vegetative WM
Spirogyra scalariform conj. WM
Spirogyra lateral conj. WM
Stigoclonium WM
Ulothrix vegetative WM
Ulothrix reproductive WM
Ulva thallus WM
Vaucheria vegetative WM
Vaucheria reproductive WM
Volvox daughter colony WM
Volvox oogonial colony WM
Volvox antheridial colony WM
Volvox zygote colony WM
Volvox mixed stage colony WM
Zygnema vegetative WM
Zygnema conjugation WM
Zygnemopsis

Phaeophyceae (Brown Algae)

Corallina WM

Dictyota apical dichotomy
Dictyota oogonial thallus VS
Dictyota antheridial thallus VS
Dictyota tetrasporic thallus
Ectocarpus unilocular WM
Ectocarpus plurilocular WM
Fucus thallus TS
Fucus male conceptacle VS
Fucus female conceptacle VS
Padina thallus WM
Sargassum thallus (leaf) TS
Sargassum male conceptacle TS
Sargassum female conceptacle TS
Sargassum bladder TS
Laminaria Thallus TS
Laminaria Receptacle VS

Rhodophyceae (Red Algae)

Amphiora WM
Batrachospermum Veg. WM
Batrachospermum fruiting WM
Compsopogon WM
Gracillaria thallus TS
Gracillaria WM with cystocarp
Gracillaria cystocarp TS
Porphyra WM
Polysiphonia antheridial WM
Polysiphonia cystocarp WM
Polysiphonia tetrasporic WM
Polysiphonia vegetative WM
Pediastrum WM

Virology and Bacteriology

Bacteria typical
Coccus form
Bacillus form
Spirill form
Gram positive bacteria
Gram negative bacteria
Gram lacto spirillum
Root nodule of legume TS
Micrococcus WM

Cocosococcus WM
Streptococcus
Vibrocomma
Staphylococcus aureus
Staphylococcus viridance
Bacillus anthracis
Bacillus subtilis
Clostridium tetni
Corynebacterium diphtheri
Escherichia coli
Haemophilus
Mycobacterium leprae
Neisseria gonococcus
Mycobacterium tuberculous
Pasteurella (Plague)
Salmonella typhi
Salmonella shiga
Shigella dysenterae
Spirochaetes (Syphlis)
Vibrio cholera (Cholera)
Pneumococcus (Pneumonia)
Small pox virus
Polio virus

Phyco mycetes

Allomyces
Bremia WM
Cystopus conidia VS
Cystopus sex organsVS
Cystopus zygote VS
Mucor veg. WM
Mucor sporangia WM
Mucor (Zygote) WM
Phytophthora host leaf TS
Perenospora WM
Pilobolus WM
Pythium WM
Rhizopus veg. WM
Rhizopus sporangia WM
Rhizopus sexual WM
Saprolegnia vegetative WM
Saprolegnia sexual WM

Stemonites WM
Synchytrium host leaf TS
Synchytrium Prosorius

Ascomycetes

Aspergillus (Euratium) conidia
Ascobolus VS
Cyathus
Erysiphae WM
Lycoperdon VS
Morchella TS
Neurospora TS
Penicillum veg
Penicillum Conidial
Phyllactinia WM/TS
Protomyces on host TS
Peziza apothecia VS
Taphrina VS
Uncinula WM
Xylaria stroma CS/LS
Yeast budding
Yeast cell

Basidiomycetes

Agaricus stipe TS
Agaricus pileus VS
Agaricus stipe & Pileus VS
Agaricus button stage VS
Polyporus TS/LS
Puccinia uredo on wheat leaf TS
Puccinia teleuto on wheat stem TS
Puccinia aecidia on barbery leaf
Puccinia pycnia VS
Ustilago spores WM
Ustilago with host
Uromyces VS
Ravenilia VS
Melampsora TS

Deuteromycetes

Alternaria
Cercospora

Fusarium
Aspergillus
Curvularia
Helminthosporium
Colletotrichum

Lichens

Lichen thallus TS
Lichen thallus WM
Lichen soredia WM
Lichen apothecium VS

Bryophyta

Anthoceros thallus LS/TS
Anthoceros sporophyte WM
Anthoceros sorophyte TS/LS
Anthoceros archegonia WM/TS
Anthoceros antheridia WM/TS
Cyathodium thallus TS
Conocephalum anthd./archeg. TS
Conocephalum thallus TS
Cryptomitrium thallus TS
Dumortiera thallus TS
Funaria antheridia VS/WM
Funaria archegonia VS/WM
Funaria capsule LS/TS
Lunularia gemma cup VS
Marchantia thallus TS
Marchantia gemmae cup VS
Marchantia gemmae WM
Marchantia antheridial head VS
Marchantia archegonial head VS
Marchantia sporophyte VS
Moss protonema WM
Moss leaf WM/TS
Moss stem TS
Moss archegonial head VS/WM
Moss antheridial WM/VS
Moss capsule LS/TS
Moss peristome
Moss plant with capsule WM
Notothyllus sporophyte WM

Notothyllus sporophyte LS
Plagiochasma thallus
Plagiochasma receptacle
Porella veg. WM
Porella antheridial
Porella archegonial
Porella sporophyte
Polytrichium archegonial VS/WM
Polytrichium Antheridial VS/WM
Polytrichium capsule VS/TS
Riccia thallus TS/WM
Riccia antheridial VS
Riccia archegonial VS
Riccia mature sporophyte VS
Riccia zygote TS
Sphagnum WM
Sphagnum sporophyte
Sphagnum antheridial
Sphagnum archegonial
Targonia thallus TS

Pteridophytes

Azolla sporocarp VS
Adiantum rhizome TS
Adiantum root TS
Adiantum petiole TS
Adiantum sorus VS
Botrychium rhizome TS
Botrychium root TS
Botrychium stipe TS
Equisetum prothallus VS
Equisetum root TS
Equisetum rhizome TS
Equisetum stem TS
Equisetum cone TS/LS
A. Equisetum sports W.M
Fern rhizome TS
Fern prothallus young
Fern prothallus with antheridia
Fern prothallus with archegonia
Fern prothallus with sporophyte
Fern leaf with sori TS

Fern sori WM
Fern prothallus TS
Fern Rachis
Fern root TS
Fern leaf with true indusium
Fern leaf with false indusium
Fern Ramenta WM
Gleichenia rhizome
Gleichenia rachis
Gleichenia sporangia WM
Isoetes stem TS
Isoetes stem tuber TS
Isoetes microsporophyll TS
Isoetes megasporophyll TS
Isoetes leaf TS
Isoetes root TS
Lycopodium stem TS
Lycopodium apex LS
Lycopodium cernuum stem TS
Lycopodium clavatum stem TS
Lycopodium phlegmaria stem TS
Marsilea leaf TS
Marsilea root TS
Marsilea rhizome TS
Marsilea petiole TS
Marsilea sporocarp TS/LS
Marsilea sorus WM
Ophioglossum rhizome TS/LS
Ophioglossum root TS
Ophioglossum spike TS
Osmunda rhizome TS
Psilotum stem TS
Psilotum rhizome TS
Psilotum synangia VS/LS
Psilotum synangia TS
Selaginella root TS
Selaginella rhizophore TS
Selaginella leaf WM/TS
Selaginella stem TS
Selaginella strobillus WM/LS
Selaginella microsporangia
Selaginella mega and microsporangia WM

Gymnosperm

Cycas normal root TS
Cycas coralloid root TS
Cycas Leaflet (Pinna) TS
Cycas rachis TS
Cycas microsporphyll TS
Cycas megasporophyll TS
Cycas ovule LS
Pinus root (young) TS
Pinus root (old) TS
Pinus young stem TS/LS
Pinus stem RLS/TLS
Pinus dwarf shoot TS
Pinus male cone TS/LS
Pinus wood TS
Pinus pollen grain WM
Pinus female cone TS/LS
Pinus ovule VS
Pinus needle TS
Pinus 3-needle TS
Ephedra male cone TS
Ephedra female cone TS
Ephedra ovule TS
Ephedra stem TLS/RLS
Ephedra stem TS
Ephedra root TS
Agathis stem TS
Cupressus stem TS
Cupressus male/female cone LS
Abies stem TS
Juniperus stem TS
Juniperus male/female cone LS
Ginkgo stem TS
Ginkgo petiole TS
Ginkgo male cone TS
Ginkgo female cone TS
Ginkgo leaf TS
Taxus stem TS
Taxus wood TS
Taxus leaf TS
Taxus male cone TS
Taxus female cone VS

Thuja stem TS
Thuja male cone VS
Thuja female cone VS
Cedrus stem TS
Cedrus leaf TS
Cedrus male cone TS
Cedrus female cone TS
Cedrus ovule LS
Gnetum stem TLS/RLS
Gnetum stem TS
Gnetum petiole TS
Gnetum root TS
Gnetum leaf TS
Gnetum male cone TS/LS
Gnetum female cone TS/LS
Gnetum ovule VS
Aurocaria leaf TS
Aurocaria stem TS
Aurocaria male cone TS
Aurocaria female cone TS
Zamia ovule VS
Zamia petiole TS
Zamia leaf TS
Podocarpus Stem TS

Angiosperm Cell & Its Contents

Typical plant cell (onion)
Cucurbita epidermal hairs WM
Tradescantia epidermal Hairs
Allium root apex mitosis
Starch grains eccentric
Starch grains concentric
Potato tuber VS
Bean cotyledon TS
Compound starch grains
Semi compound grains
Schizogenous cavity
Lysigenous cavity
Aleurone layers, grain TS
Protein bodies
Raphides, WM
Sphaeroraphides

Cystolith
Tanin cell
Inulin (dahalia root TS)
Sclereids in section
Water storage cells silica deposits
A. Calcium oxalate crystals

Tissue Slides

Trichoblasts in section
Apical stem meristem LS
Aerenchyma TS or WM
Collenchyma TS or WM
Sclerenchyma TS or WM
Sclerenchyma fibers macerated
Chlorenchyma
Stone cells TS
Glandular tissue nectary VS
Latex cells TS
Mucilage duct section
Oil cavities, citrus fruit VS
Xylem elements proto & meta TS
Xylem, spiral and annular vessels
Xylem elements pitted vessels
Xylem elements bordered vessels
Phloem elements
Sieve tubes
Unicellular hairs WM
Multicellular hairs WM
Stellate hairs WM
Glandular hairs WM
Stinging hairs WM
Wheat grain TS
Maize grain TS
Paddy grains TS
Lenticels
Resin canal
Stomata
Protostele in section
Actinostele in section
Plecostele in section
Siphonostele in section
Solenostele in section

Dicotystele in section

Actostele in section

Polystele in section

(A) Tracheids

Dicotyledon Stem

Achyranthus stem TS

Amaranthus stem TS

Aristolochia young stem TS

Aristolochia old stem TS

Avecenia stem TS

Begonia stem TS

Boerhavia stem TS

Nelum bium stem TS

Bougainvillia stem TS

Brassica (mustard) stem TS

Cactus cladode TS

Calotropis stem TS

Casurina stem TS

Chenopodium stem TS

Clematis stem TS

Cosmos stem TS

Capparis stem T.S.

Cucurbita young stem TS

Cucurbita old stem TS

Cucurbita stem LS

Cuscuta with host TS

Ficus stem TS

Helianthus young stem TS/LS

Helianthus old stem TS/LS

Ipomea stem TS

Jussaea stem TS

Leptadenia stem TS

Euphorbia stem TS

Bignonia stem TS

Leucas stem TS

Mirabilis stem TS

Moringa stem TS

Muhlenbeckia cladode TS

Nyctanthus stem TS

Nymphaea stem TS

Pepromia stem TS

Piper stem TS
Portulaca stem TS
Ricinus (castor) stem TS
Ranuncullus stem TS
Salvadora stem TS
Tinospora stem TS
Trapa stem TS
Tillia stem TS
Vinca rosea stem TS
Vitis stem TS
Xanthium stem TS

Dicotyledon Root

Avicenia pneumatophore TS
Boerhevia roots TS
Beet root TS
Brassica root TS
Cucurbita root TS
Cuscuta haustoria VS
Dicot root primary TS
Dicot TS commencement of sec. growth
Dicot root old TS
Dicot root TS origin or lateral roots
Ficus aerial roots TS
Helianthus root TS/LS
Legume root with nodules TS
Nymphaea root TS
Pananus aerial root TS
Ranunculus root TS
Tinospora aerial root TS
c Monocotsyledon Stem
Asparagus TS
Dracaena stem TS
Grass stem TS
Hydrilla stem TS
Maize mature stem TS
Maize stem LS
Ruscus stem TS
Smilax stem TS
Triticum (wheat) stem TS

Monocotyledon Root

Maize root TS
Maize root LS
Maize root TS & LS on same slide
Orchid root showing velamen TS
Root with root hairs WM
Root with root cap LS
Asparagus root TS

Dicotyledon Leaves

Bryophyllum leaf TS
Drosera leaf WM
Dicot leaf typical TS
Dionaea leaf TS to show glands
Ficus leaf TS
Helianthus leaf TS
Cucurbita leaf TS
Nyphaea leaf TS
Leaf skeleton WM
Mesophytic leaf TS
Xerophytic leaf TS
Hydrophytic leaf TS
Nerium leaf TS (Sunken stomata)
Nepenthes pitcher TS
Peperomia leaf TS
Stem apex LS origin of leaves
Utricularia WM

Monocotyledon leaves

Allium leaf TS
Dracaena leaf TS
Hydrilla leaf TS
Orchid leaf TS
Maize leaf TS
Eichornia leaf TS
Monocot typical leaf TS
Trapa leaf TS
Triticum (wheat) leaf TS
Vallisneria leaf TS
Rhizophora leaf TS

Comparative Study Slides

Dicot and Monocot stem on the same slide

Herbaceous and Woody stem TS on same slide
Primary and Secondary stem TS on same slide
Monocot and Dicot root TS on same slide
Dicot and Monocot leaf on the same slide
Dicot stem TS and LS on the same slide
Monocot stem TS and LS on the same slide
Primary and Secondary root on same slide

Vascular Bundles Type

Radial
Conjoint Collateral open
Conjoint Collateral closed
Conjoint bicollateral
Concentric Amphivasal
Concentric Aphhicribral

Floral Morphology

Anona flower bud LS/TS
Anther WM/TS
Citrus flower bud LS/TS
Epigynous flower LS
Hypogynous flower LS
Perigynous flower LS
Nelumbium flower bud LS
Nymphaea flower bud TS
Pollen grains different types
Pollen grains germinating