

Microscope prepared slides

HIGHLIGHTS

- All microscope slides supplied in a plastic box (for 25 slides)
- Set of 23 or 25 quality microslides
- Human histological samples of men and mammals, zoology and botany
- Can be used immediately in biology classes, education and hobby



25 SLIDES SET OF HISTOLOGY, ZOOLOGY AND BOTANY

PB.5211 FOR EDUCATION

Set with 25 microscopy slides for education: histological samples of mammals, zoology and botany.

All microscope slides are supplied in a plastic box for 25 slides. The set contains:

HISTOLOGY

SH.1011	Hard bone grinding, human, section
SH.1045	Skeletal muscle, dog, l.s and c.s.

ZOOLOGY

SZ.1510	Amoeba proteus, w.m.

SZ.1580 Hydra with bud, w.m.

SZ.1640 Lumbricus - earthworm, c.s.

SZ.1655 Daphnia sp., water flea, w.m.

SZ.1715 Musca domestica, house fly, mouth parts

SZ.1717 Musca domestica, house fly, leg with clinging pads

SZ.1719 Musca domestica, house fly, wing w.m.

BOTANY

CD 0004	A 111*				
SR.2006	Allium cepa,	onion	SCALE 6	enidermis	w m

SB.2009 Allium cepa, onion, mitosis root tip, l.s.

SB.2055 Zea mays, corn, stem, cs.

SB.2060 Triticum aestivum, wheat, stem, c.s.

SB.2070 Helianthus, sunflower, young stem, c.s.

SB.2130 Helianthus, sunflower, leaf, c.s.

SB.2205 Monocot/dicot flower, zea mays/ranunculus, c.s.

SB.2212 Lilium, lily, ovary, c.s.

SB.2335 Mnium, w.m.

SB.2355 Rhizopus nigricans, bread mold, developed sporangia

SB.2377 Diatoms, w.m.

SB.2381 Spirogyra sp., vegetative mass, w.m.

SB.2405 Dental plaque, smear

See p. 7 for used abbreviations

25 SLIDES SET OF HISTOLOGY, ZOOLOGY AND BOTANY

PB. 5212 FOR EDUCATION

Set with 25 microscopy slides for education: histological samples of mammals, zoology and botany.

All microscope slides are supplied in a plastic box for 25 slides. The set contains:

HISTOLOGY

SH.1001 Loose connective tissue, rabbit

SH.1005 Hyaline cartilage rabbit, section

SH.1160 Lymph node, rabbit, section

SH.1230 Small intestine, dog, c.s.

SH.1250 Liver, pig, section

SH.1430 Cerebrum section, dog

ZOOLOGY

SZ.1520 Paramecium, w.m.

SZ.1625 Schistosoma Japonicum, fluke eggs, bilharziose

SZ.1630 Taenia, tapeworm pig, mature proglottid, w.m.

SZ.1635 Ascaris megalocephala, horse roundworm, female + male, c.s.

SZ.1708 Apis mellifica, honey bee, mouth parts

SZ.1725 Periplaneta, cockroach, mouth parts of chewing type

SZ.1730 Pieres brassicae, cabbage-white butterfly, mouth, w.m

SZ.1750 Periplaneta, cockroach, spiracle of insect, w.m.



BOTANY

SB.2095 Monocot/dicot stem, zea mays/pumpkin, c.s.

SB.2105 Hibiscus, young stem, c.s.

SB.2110 Cucurbita, pumpkin, stem, l.s.

SB.2115 Sambucus, elderberry or Morus Alba, mulberry,

stem with cork cambium + lenticels, c.s.

SB.2160 Lilium, lily leaf, c.s.

SB.2225 Zea mays, corn, corn seed with embryo, l.s.

SB.2235 Pirus, pear, stone cells, section

SB.2240 Triticum aestivum, wheat, kernel, l.s.

SB.2305 Cyrtomium, holly fern, c.s. of rhizom

SB.2310 Cyrtomium, holly fern, section

SB.2386 Oscillatoria, blue-green algae

See p. 7 for used abbreviations

25 SLIDES SET OF HISTOLOGY, ZOOLOGY AND BOTANY

PB. 5213 FOR EDUCATION

Set with 25 microscopy slides for education: histological samples of mammals, zoology and botany.

All microscope slides are supplied in a plastic box for 25 slides. The set contains:

HISTOLOGY

SH.1006 Elastic cartilage, rabbit

SH.1040 Smooth muscle, teased preparation, rabbit, l.s.+c.s.

SH.1110 Lung with injected blood vessels, rabbit, c.s.

SH.1130 Artery and vein, rabbit, c.s.

SH.1410 Nerve, rabbit, c.s. and l.s

ZOOLOGY

SZ.1535 Euglena virides, a flagellate with eyespot

SZ.1586 Hydra, w.m. of tentacles

SZ.1620 Schistosoma Japonicum, female, w.m.

SZ.1705 Apis mellifica, honey bee, posterior leg, w.m.

SZ.1733 Pieres brassicae, cabbage-white butterfly, part of wing

SZ.1738 Locusta, grasshopper, mouth parts, w.m.

SZ.1780 Insects - four types of legs, honey bee, house fly,

house mosquito, spider

SZ.1877 Rana sp, frog, blood smear

BOTANY

SB.2011 Zea mays, corn root tip with hairs, l.s.

SB.2020 Helianthus, sunflower, old root, c.s.

SB.2025 Monocot/dicot plant roots, zea mays/helantius, c.s.

SB.2040 Solanum tuberosum, potato, starch grains

SB.2075 Tilia, lime tree, one year stem, c.s.

SB.2091 Ceratophyllum Demersum, hornwort, leave with air stomas, c.s.

SB.2100 Pelargonium hortorum, geranium, stem c.s.

SB.2337 Mnium, antheridial branch, l.s.

SB.2339 Mnium, archegonial branch, l.s.

SB.2373 Coprinus, ink caps mushroom, section of pleus

SB.2380 Spirogyra sp. in conjugation

SB.2420 3 types of bacteria, cocci, bacilli, spirelli





25 SLIDES SET OF HISTOLOGY, ZOOLOGY AND BOTANY

PB. 5214 FOR EDUCATION

Set with 25 microscopy slides for education: histological samples of mammals, zoology and botany.

All microscope slides are supplied in a plastic box for 25 slides. The set contains:

HISTOLOGY OF MAMMALS

SH.1060 Tendon I.s. (Dense connetive tissue), dog

SH.1075 Skin section with sweat gland, human

SH.1330 Testis rabbit. c.s

SH.1340 Ovary rabbit with developped eggs

SH.1360 Sperm, human, smear

SH.1490 Retina, rabbit, sec.

ZOOLOGY

SZ.1522 Paramecium conjugation w.m.

SZ.1524 Paramecium in fission, w.m.

SZ.1540 Trachelomonas, a free swimming type euglena

SZ.1585 Hydra with endoderm + ectoderm, c.s.

SZ.1710 Apis mellifica - honey bee compound eye, w.m.

SZ.1720 Culex pipiens - house mosquito, larva w.m.

SZ.1724 Giant chromosomes of salivary gland, w.m

SZ.1810 Mya arenaria, clam gill, c.s.

SZ.1860 Section through gonads and gills, l.s.

BOTANY

SB.2015 Ranunculus, buttercup, root c.s.

SB.2076 Tilia, lime tree, 1, 2 & 3 year stem, c.s. on one slide

SB.2080 Pinus - pine tree, stem l.s.

SB.2140 Triticum, wheat, leaf, c.s.

SB.2150 Monocot/dicot leaves, zea mays/ligustrum lucidum, c.s.

SB.2230 Pinus, pine tree, male (cone) globose fruit l.s.

SB.2232 Pinus, pine tree, female (cone) globose fruit l.s.

SB.2315 Sporophyt w.m.

SB.2320 Cyrtomium, fern, leaf with sporangia

SB.2384 Volvox sp. w.m.

See p. 7 for used abbreviations

25 SLIDES SET OF HISTOLOGY, ZOOLOGY AND BOTANY

PB. 5215 FOR EDUCATION

Set with 25 microscopy slides for education: histological samples of mammals, zoology and botany.

All microscope slides are supplied in a plastic box for 25 slides. The set contains:

HISTOLOGY

SH.1043 Cardiac muscle, dog, l.s.

SH.1070 Squamous epithelium, human, isolated cells from mouth, smear

SH.1315 Kidney rat, sec. cortex & medulla

SH.1420 Cerebellum section, dog

SH.1450 Spinal cord, rabbit, c.s.

SH.1470 Taste buds, rabbit, l.s.

ZOOLOGY

SZ.1610 Planaria, flat worm, injected intestinal tube, w.m.

SZ.1636 Ascaris megalocephala, horse roundworm, mitosis eggs

SZ.1760 Ctenocephalus canis, dog flea, w.m.

SZ.1770 Tetranychus, red spider mite, w.m.

SZ.1930 Bird, wing and down feather, section

SZ.1940 Chicken, embryo 48 hours, sagittal section

BOTANY

SB.2090 Hydrilla verticillata, hydrilla stem tip, l.s.

SB.2112 Cucurbita, pumpkin, stem, c.s.

SB.2135 Nerium oleander, leaf with sunken stomata, c.s.

SB.2210 Lilium, lily, anther with mature pollen, c.s.

SB.2214 Lilium, lily, pollen, different stages of meiosis

SB.2220 Capsella, shepherds' purse, ovary w. embryo in pre-cotyledon stadium, l.s.

SB.2222 Capsella, shepherds' purse, ovary w. embryo in cotyledon stadium, l.s.

SB.2234 Pinus, pine tree, pollen, w.m.

SB.2330 Marchantia, liverworts, thallus with gemma cup, c.s.

SB.2360 Saccaromyces sp., yeast, budding, w.m.

SB.2365 Penicillium sp., w.m.

SB.2410 Streptococus lactis, milk bacteria, smear

SB.2415 Bacillus subtilis, hay bacteria, smear



23 SLIDES OF MAMMAL HISTOLOGY

PB.5221 SET FOR EDUCATION

Set with 23 microscopy slides for education: histological samples of mammals. All microscope slides are supplied in a plastic box for 25 slides. The set contains:

EPHITELIUM AND CONNECTIVE TISSUES

SH.1001 Loose connective tissue, rabbitSH.1005 Hyaline cartilage, rabbit, section

SH.1011 Hard bone grinding, human, sectionSH.1049 Muscle types, striated, smooth, heart muscle, dog, l.s.

SH.1060 Tendon, dog, l.s.

SH.1070 Squamous epithelium, human, isolated cells from mouth, smear

SH.1072 Skin section through hair follicle, humanSH.1078 Stratified flat epithelium, dog, section

RESPIRATORY, BLOOD CIRCULATION AND ENDOCRINE SYSTEM

SH.1120 Trachea rabbit, c.s.

SH.1130 Artery and vein, rabbit, c.s.

SH.1150 Blood smear, human, Giemsa stained

DIGESTIVE SYSTEM

SH.1210 Stomach wall, dog, sectionSH.1230 Small intestine, dog, c.s.SH.1250 Liver, pig, section

URINARY AND GENITAL SYSTEM

SH.1310 Injected kidney, rabbit, sec.

SH.1330 Testis, rabbit, c.s.

SH.1340 Ovary with developed eggs, rabbit **SH.1376** Human chromosomes in blood, female

NERVOUS SYSTEM AND SENSORY ORGANS

SH.1410 Nerve, rabbit, c.s. and l.s.
SH.1430 Cerebrum section, dog
SH.1450 Spinal cord, rabbit, c.s.
SH.1470 Taste buds, rabbit, l.s.
SH.1490 Retina, rabbit, sec.

See p. 7 for used abbreviations

23 SLIDES OF MAMMAL HISTOLOGY

PB.5222 SET FOR EDUCATION

Set with 23 microscopy slides for education: histological samples of mammals.

All microscope slides are supplied in a plastic box for 25 slides. The set contains:

EPHITELIUM AND CONNECTIVE TISSUES

SH.1006 Elastic cartilage, rabbit

SH.1012 Hard bone grinding of rabbit, tooth, de-calcium

SH.1040 Smooth muscle, teased preparation, rabbit, l.s.+c.s.

SH.1043 Cardiac muscle, dog, l.s.

SH.1045 Skeletal muscle, dog, l.s and c.s.

SH.1075 Skin section with sweat gland, human

SH.1080 Ciliated epithelium, trachea, rabbit

RESPIRATORY, BLOOD CIRCULATION AND ENDOCRINE SYSTEM

SH.1110 Lung with injected blood vessels, rabbit, c.s.

SH.1140 Pancreas, rabbit, sectionSH.1160 Lymph node, rabbit, section

SH.1170 Thyroid gland, rabbit, section

SH.1180 Adrenal gland, rabbit, section

DIGESTIVE SYSTEM

SH.1220 Oesophagus dog, c.s.

SH.1235 Large intestine, dog, c.s.

SH.1260 Gall bladder, dog, section

SH.1280 Golgi apparatus in epithelial cells of intestine, dog

URINARY AND GENITAL SYSTEM

SH.1315 Kidney, rat, sec. cortex & medulla

SH.1360 Sperm, human, smear

SH.1375 Human chromosomes in blood, male

SZ.1724 Fruitfly, drosophila, giant chromosomes of salivary gland, w.m.

NERVOUS SYSTEM AN SENSORY ORGANS

SH.1415 Motor nerve cells with end plates, rabbit, w.m.

SH.1420 Cerebellum section, dog

SH.1480 Eyeball section, rabbit, sagittal section



10 SLIDES OF ZOOLOGY AND BOTANY

PB.5204 SET FOR HOBBY

Set with 10 prepared microscopy slides for hobby: zoology and botany.

All microscope slides are supplied in a plastic box with transparent cover for 25 slides. The set contains:

ZOOLOGY

SH.1040 Smooth muscle, teased preparation, rabbit, l.s.and c.s.

SH.1110 Lung with injected blood vessels, rabbit, c.s.

SZ.1708 Apis mellifica, honey bee, mouth parts

SZ.1733 Pieres brassicae, cabbage-white butterfly, part of wing

SZ.1877 Rana sp, frog, blood smear

SB.2015 Ranunculus, buttercup, root, c.s.

BOTANY

SB.2160 Lilium, lily leaf, c.s.

SB.2222 Capsella, shepherds' purse, ovary w. embryo

in cotyledon stadium, l.s.

SB.2374 Aspergillus, brown mold, w.m.

SB.2384 Volvox sp., w.m.

See p. 7 for used abbreviations

25 SLIDES OF HISTOLOGY, ZOOLOGY AND BOTANY

PB.5218 SET FOR HOBBY

Set with 25 prepared microscopy slides for hobby: zoology and botany.

All microscope slides are supplied in a plastic box with transparent cover for 25 slides. The set contains:

HISTOLOGY OF HUMAN AND MAMMALS

SH.1072 Skin section through hair follicle, human

SH.1150 Blood smear human, Giemsa stained

SH.1415 Motor nerve cells with end plates, rabbit w.m.

SH.1470 Taste buds, rabbit, l.s.

BOTANY

SB.2009 Allium cepa, onion, mitosis root tip, l.s.

SB.2055 Zea mays, corn, stem, cs.

SB.2075 Tilia, lime tree, one year stem, c.s.

SB.2100 Pelargonium hortorum, geranium, stem c.s.

SB.2112 Cucurbita, pumpkin, stem, c.s.

SB.2130 Helianthus, sunflower, leaf, c.s.

SB.2135 Nerium oleander, leaf with sunken stomata, c.s.

SB.2210 Lilium, lily, anther with mature pollen, c.s.

SB.2225 Zea mays, corn, corn seed with embryo, l.s

70010GY

SZ.1520 Paramecium, w.m.

SZ.1535 Euglena virides, a flagellate with eyespot

SZ.1580 Hydra with bud, w.m.

SZ.1630 Taenia, tapeworm pig, mature proglottid, w.m.

SZ.1635 Ascaris megalocephala, horse roundworm, female and male, c.s.

SZ.1640 Lumbricus, earthworm, c.s.

SZ.1655 Daphnia sp., water flea, w.m.

SZ.1705 Apis mellifica, honey bee, posterior leg, w.m.

SZ.1710 Apis mellifica, honey bee compound eye, c.s.

SZ.1719 Musca domestica, house fly, wing w.m.

SZ.1722 Culex pipiens, house mosquito, female, mouth parts

SZ.1724 Fruitfly, drosophila, giant chromosomes of salivary gland, w.m.

See p. 7 for used abbreviations

INDIVIDUAL EUROSLIDES*

FOR HISTOLOGY

These histological microscope slides consist of sample of ephitelium and connective tissues, the respiratory system,

 $blood\ circulation, endocrine\ system,\ digestive\ system,\ urinary\ and\ genital\ systems,\ nervous\ system\ and\ sensory\ organs$

EPHITELIUM AND CONNECTIVE TISSUES

SH.1001 Loose connective tissue, rabbit

SH.1005 Hyaline cartilage rabbit, section

SH.1006 Elastic cartilage, rabbitSH.1011 Hard bone grinding, human, section

SH.1012 Hard bone grinding of rabbit, tooth, decalcium

SH.1040 Smooth muscle, teased preparation, rabbit, l.s. and c.s.

SH.1045 Skeletal muscle, dog, l.s. and c.s.

SH.1049 Muscle types, striated, smooth, heart muscle, dog, l.s.

^{*} How to order Individual Euroslides see page 7



SH.1060 Tendon, dog, l.s.

SH.1072 Skin section through hair follicle, human

SH.1078 Stratified flat epithelium, dog, section

SH.1080 Ciliated epithelium, trachea, rabbit

RESPIRATORY, BLOOD CIRCULATION AND ENDOCRINE SYSTEM

SH.1110 Lung with injected blood vessels, rabbit, c.s.

SH.1120 Trachea, rabbit, c.s.

SH.1130 Artery and vein, rabbit, c.s.

SH.1140 Pancreas, rabbit, section

SH.1150 Blood smear, human, Giemsa stained

SH.1160 Lymph node, rabbit, section

DIGESTIVE SYSTEM

SH.1220 Oesophagus, dog, c.s.

SH.1230 Small intestine, dog, c.s.

SH.1250 Liver, pig, section

URINARY AND GENITAL SYSTEM

SH.1310 Injected kidney, rabbit, section

SH.1330 Testis, rabbit, c.s.

SH.1340 Ovary with developed eggs, rabbit

SH.1360 Sperm, human, smear

NERVOUS SYSTEM AND SENSORY ORGANS

SH.1410 Nerve, rabbit, c.s. and l.s.

SH.1415 Motor nerve cells with end plates, rabbit, w.m.

SH.1420 Cerebellum section, dog

SH.1450 Spinal cord, rabbit, c.s.

SH.1470 Taste buds, rabbit, l.s.

SH.1490 Retina, rabbit, section

See p. 7 for used abbreviations

INDIVIDUAL EUROSLIDES*

FOR ZOOLOGY

This series of zoology microscopy slides consists of samples with single-cell organisms (protozoa), coelenterate, worms (helminthes), Crustaceans (crustaceae), insects and amphibians

PROTOZOA

SZ.1510 Amoeba proteus, w.m.

SZ.1520 Paramecium, w.m.

SZ.1522 Paramecium in conjugation w.m.

SZ.1535 Euglena virides, a flagellate with eyespot

SZ.1540 Trachelomonas, a free swimming type euglena

COELENTERATA

SZ.1580 Hydra with bud, w.m.

HELMINTHES

SZ.1630 Taenia, tapeworm pig, mature proglottid, w.m.

SZ.1635 Ascaris megalocephala, horse roundworm, female + male c.s.

SZ.1636 Ascaris megalocephala, horse roundworm, mitosis eggs

SZ.1640 Lumbricus, earthworm, c.s.

CRUSTACEANS

SZ.1655 Daphnia sp., water flea, w.m.

INSECTS

SZ.1705 Apis mellifica, honey bee, posterior leg, w.m.

SZ.1708 Apis mellifica, honey bee, mouth parts

SZ.1710 Apis mellifica, honey bee compound eye, c.s.

SZ.1719 Musca domestica, house fly, wing, w.m.

SZ.1720 Culex pipiens, house mosquito, larva, w.m.

SZ.1722 Culex pipiens, house modquito, female, mouth parts

SZ.1724 Drosophila, fruit fly, giant chromosomes of salivary gland, w.m.

5Z.1730 Pieres brassicae, cabbage-white butterfly, mouth, w.m.**5Z.1733** Pieres brassicae, cabbage-white butterfly, part of wing

SZ.1738 Locusta, grasshopper, mouth parts, w.m.

SZ.1760 Ctenocephalus canis, dog flea, w.m.

SZ.1780 Insects- four types of legs, honey bee, house fly,

house modquito, spider

AMPHIBIANS

SZ.1877 Rana sp, frog, blood smear

SZ.1880 Frog uncleaved egg, c.s.

SZ.1881 Frog egg, two cells stadium, c.s.

SZ.1883 Frog egg, advanced cleavage c.s.

SZ.1885 Frog egg, blastula phase, c.s.

SZ.1887 Frog egg, early gastrula phase, c.s.

SZ.1889 Frog egg, advanced gastrula phase, c.s.

^{*} How to order Individual Euroslides see page 7



INDIVIDUAL EUROSLIDES*

FOR BOTANY

This series of botanic microscopy slides consists of samples of sections of roots, stems, leaves, flowers, fruits and seeds, ferns and mosses, fungi, algae and bacteria

ROOTS

SB.2006	Allium cepa, onion, scale epidermis, w.m.
SB.2009	Allium cepa, onion, mitosis root tip, l.s.

SB.2015 Ranunculus, buttercup, root, c.s.

SB.2020 Helianthus, sunflower, old root, c.s.

SB.2025 Monocot/dicot plant roots, zea mays/helantius, c.s.

SB.2040 Solanum tuberosum, potato, starch grains

STEMS

SB.2055 Zea mays, corn, stem, c.s.

SB.2060 Triticum aestivum, wheat, stem, c.s.

SB.2070 Helianthus, sunflower, young stem, c.s.

SB.2076 Tilia, lime tree, 1, 2 and 3 year stems on one slide, c.s.

SB.2095 Monocot/dicot stem, corn/pumpkin, c.s.

SB.2100 Pelargonium hortorum, geranium, stem, c.s.

SB.2105 Hibiscus, young stem, c.s.

SB.2115 Sambucus, elderberry or Morus Alba, mulberry, stem with crok cambium and lenticels, c.s.

LEAVES

SB.2130 Helianthus, sunflower, leaf, c.s.

SB.2135 Nerium oleander, leaf with sunken stomata, c.s.

SB.2140 Triticum, wheat, leaf, c.s.

SB.2150 Monocot/dicot leaves, zea mays/ligustrum lucidum, c.s.

SB.2160 Lilium, lily leaf, c.s.

FLOWERS, FRUITS AND SEEDS

SB.2205 Monocot/dicot flower, zea mays/ranunculus, c.s.

SB.2210 Lilium, lily, anther with mature pollen, c.s.

SB.2212 Lilium, lily, overy, c.s.

SB.2214 Lilium, lily, pollen, different stages of meiosis

SB.2220 Capsella, shepherds' purse, ovary w. embryo in pre-cotyledon stadium, l.s.

SB.2222 Capsella, sheperd's purse, ovary w. embryo in cotyledon statium, l.s.

SB.2225 Zea mays, corn seed with embryo, l.s.

SB.2232 Pinus, pine tree, female (cone) globose fruit, l.s.

SB.2240 Triticum aestivum, wheat, kernel, l.s.

FERNS AND MOSSES

SB.2315 Cyrtomium, holly fern, prothallium with young sporophyt, w.m.

SB.2337 Mnium, antheridial branch, l.s.

SB.2339 Mnium, archegonial branch, l.s.

FUNGI

SB.2360 Saccaromyces sp., yeast, budding, w.m.

SB.2365 Penicillium sp., w.m.

SB.2373 Coprinus, ink caps mushroom, section of pileus

SB.2374 Aspergillus, brown mold, w.m.

ALGAE

SB.2377 Diatoms, w.m.

SB.2380 Spirogyra sp. in conjugation

SB.2384 Volvox sp., w.m.

BACTERIA

SB.2420 3 Types of bacteria, cocci, bacilli, spirelli

USED ABBREVIATIONS

c.s. cross section Ls. longitudinal section whole mount w.m.

* HOW TO ORDER INDIVIDUAL EUROSLIDES

- Minimum purchase quantity is 10 pieces of the same slide
- The individual slides always have to be ordered together with a box. Available is a plastic box (PB.5181) and a wooden box (PB.5180), both for 25 slides

