

# LIEDER



## MULTIMEDIA-PACKAGES FOR TEACHERS AND STUDENTS

LIEDER offers a new range of **MULTIMEDIA PACKAGES OF LIFE SCIENCE** for interactive learning and teaching in school and education. The new media aim to give a strictly outlined synopsis of all those lines of biology important for instruction at schools, colleges and universities and suitable for working with the microscope. Well selected media packages of 6 and 12 units with microscope slides, overhead transparencies, sketch- and work sheets, descriptions and pictures of the drawings serve the teacher to work with the subject during the lessons.

We offer **TEACHER PACKAGES** and **STUDENT SETS**.

### – The teacher packages comprise all necessary media for classroom work:

1. Set of selected **prepared microscope slides in plastic box**. Prepared Microscope Slides are made in our laboratories under rigorous scientific control. They are the product of long experience combined with the most up to date techniques.
2. Set of **overhead transparencies**, large size, full color. Overhead Transparencies immediately show, on the screen, the details of the specimen required for demonstration at the most suitable magnification. The student subsequently finds it easier to locate the relevant part of the microscopic slide under the microscope. The transparencies are printed by a special process and excel by reason of their high projection quality.
3. Set of **sketch- and worksheets with drawings** for all slides. The Sketch- and Work Sheets serve to facilitate seeing his way through the prepared microscope slides and finding the detail important in the lesson. They start processes of learning and understanding by comparing microscope slides with the diagrammatic drawings, thus to identify and label the details relevant in the lesson. They allow completing or colouring the drawings according to own observations, and finally the sheets can be used for tests. Teacher may take photocopies of the sheets for the number of students.
4. **Textbook** with detailed description of all slides, drawings and transparencies. The Textbooks are intended to help you make more effective use of our teaching material both in the classroom and during individual study. They provide a description of the morphological structures involved, making it considerably easier to look for and find the relevant spots in the microscope slides. They also furnish information regarding systematic and physiological relationships and general biological principles, as well as stimulating classroom interpretation and didactic use of the observations made.
5. Special **cardboard box** for storing and packing

### – The number of student sets should correspond to the number of students in a class. The student sets comprise:

1. Set of selected **prepared microscope slides in plastic box** (the same as the teacher slides)
2. **Textbook** with detailed description of all slides
3. Special cardboard box for storing and packing



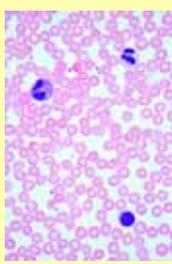
**All CD-OM can be ordered separately or together with the Multimedia Packages for teachers and students. Owners of previously acquired Multimedia Packages for teachers and students can purchase the accompanying CD-ROMs separately.**

**LIEDER**

## NEW ADDITIONAL INTERACTIVE CD-ROM MATCHING THE MULTIMEDIA PACKAGES FOR TEACHERS AND STUDENTS

We offer a new range of 47 CD-ROM for interactive learning and teaching in school and education, matching and supplementing our Multimedia Packages for Teachers and Students. Newly developed programs guarantee easy installation and unproblematic running of the program. Every CD comprises the following topics:

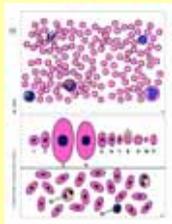
- Comprises a great variety of beautiful **diagrams, color photos, tables, anatomical pictures, electron and X-ray photographs, impressive life cycles, human photographs, landscape photographs, scenes, test data and results**, necessary for teaching the subjects.
- Comprises all necessary **photomicrographs of microscopic slides**, which can be observed by **five different steps of magnification** by using a special „MicroScope“. The slides can be moved under this microscope and can be observed in all its parts.
- Comprises all necessary **drawings** matching the pictures, with **explanations** of all the parts.
- The same number of comprehensive **explanatory texts** to help understanding the pictures.
- A special **test program** to check the students' knowledge in several levels of difficulty. A variable number of random selected pictures have to be identified. After a successful run the students receive notes about their progress in learning. By repeating the test any success will be revealed by the program.
- A comprehensive **index, a search function** and a comfortable **browser** for all pictures and texts on every CD-ROM.
- All pictures can be shown also in **full-screen size**, just by pressing the ENTER button.
- Special **accompanying material**, which enables evaluation of what has been seen, and creative learning is an important part of the program. **Drawings, sketch- and worksheets** are supplied for many of the pictures on the CD. They are stored in **full printing quality (high resolution of 300 to 600 dpi)**. After printing the drawings may be supplemented or colored. In addition, the worksheets – which are allowed to be copied – can be used as **accompanying material for class tests**.
- The novel **demo program** features the functionality to start a self-running demo of the program in sequential or random order. A sophisticated **presentation mode** allows the user to prepare a collection of chosen pictures for an impressive full-screen presentation.
- The complete set of images on this CD can be displayed in **thumbnail view** for a comprehensive overview of all available material. Thus, the user is also able to compile pictures around topics of special interest for the classroom.
- A comprehensive **index**. The entire set of material, that is, pictures, supplemental texts and slides, and drawings, are accessible via the main program's dropdown-menu Tools – „Search picture...“ or „Select picture“.
- The texts will be provided in **up to five languages** (English, German, French, Spanish and Portuguese) by pre-selection when starting the program. The program surface is adapted to the well-known „WINDOWS™-LOOK“.
- All pictures and texts can be **printed** by the user.
- The CD works with all Windows versions (WINDOWS™ 95, 98, NT, 2000, XP, VISTA and Windows7). The resolution is **960 x 640 or higher for superior quality**. Full color representation with **over 1 Million colors** (depending on the screen). Optionally the CD runs also on PowerMac G4 and higher with WINDOWS™ emulation.
- The size of the **desktop** and the **windows for texts and pictures** can be scaled and adapted to the requirements of the user.



**SME-01 MULTIMEDIA TEACHER PACKAGE**  
**Teaching Series for Elementary Science**  
 Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Letter „e“
2. Leg of house fly w.m.
3. Wing scales of butterfly
4. Human blood smear
5. Large plant cells in the marrow of elderberry t.s.
6. Colored threads w.m.



**SSE-01 MULTIMEDIA STUDENT SET**

Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

**Additional Interactive CD-ROM**  
 No. CD-SM-01  
**Elementary Science**  
 Basic CD



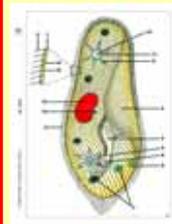
Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-02 MULTIMEDIA TEACHER PACKAGE**  
**Protozoa**  
 Basic Package of 8 items

Comprising: 8 Microscope Slides in Plastic Box, 4 OHP Color Transparencies, 8 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Amoeba proteus, showing nucleus and pseudopodia
2. Paramecium, a ciliate found in hay infusions
3. Euglena, a common green flagellate
4. Ceratium, dinoflagellates
5. Vorticella, a stalked ciliate.
6. Radiolaria, different forms
7. Monocystis, sporozoa in earthworm seminal vesicle
8. Trypanosoma, blood flagellate causing sleeping sickness, blood smear



**SSE-02 MULTIMEDIA STUDENT SET**

Comprising: 8 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

**Additional Interactive CD-ROM**  
 CD-SM-02  
**The Protozoa**  
 Basic CD



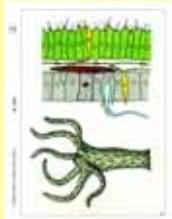
Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-03 MULTIMEDIA TEACHER PACKAGE**  
**Invertebrates (Zoology)**  
 Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 4 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Marine sponge (Grantia), t.s.
2. Hydra, fresh-water polyp, t.s. of body
3. Earthworm (Lumbricus), t.s. showing intestine, body wall, muscles
4. Water flea (Daphnia), small fresh water crustaceans w.m.
5. Araneus, spider, leg with comb w.m.
6. Starfish (Asterias), arm with tube feet, t.s



**SSE-03 MULTIMEDIA STUDENT SET**

Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

**Additional Interactive CD-ROM**  
 No. CD-SM-03  
**Invertebrates (Zoology)**  
 Basic CD



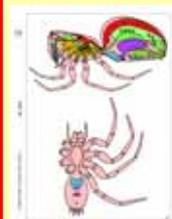
Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-04 MULTIMEDIA TEACHER PACKAGE**  
**Invertebrates (Zoology)**  
 Supplementary Package of 12 items

Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Hydra, fresh-water polyp, w.m.
2. Commercial sponge (Euspongia), skeleton of horny fibres
3. Laomedea, w.m. of colony, vegetative and reproductive polyps
4. Sea Anemone (Actinia), t.s. of the body
5. Planaria, t.s. for general structure
6. Tapeworm (Taenia), proglottid t.s., intestinal parasite
7. Cyclops sp., copepode, w.m.
8. Crayfish (Astacus), intestine, t.s.
9. Dermanyssus gallinae, chicken mite, w.m.
10. Clam (Mya arenaria), gills, t.s
11. Echinus, young sea urchin, t.s.
12. Amphioxus, Branchiostoma, typical t.s. region of gills and intestine



**SSE-04 MULTIMEDIA STUDENT SET**

Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

**Additional Interactive CD-ROM**  
 No. CD-SM-04  
**Invertebrates (Zoology)**  
 Supplementary CD



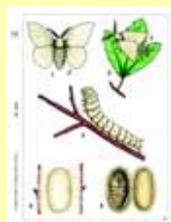
Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



### SME-05 MULTIMEDIA TEACHER PACKAGE The Insects

Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box



1. Musca domestica, housefly, leaking-sucking mouth parts w.m - 2. Apis mellifica, honey bee, anterior and posterior wings w.m. - 3. Musca domestica, house fly, leg with pulvilli w.m. - 4. Pieris, butterfly, portion of wings with scales w.m. - 5. Trachea from insect w.m. - 6. Spiracle from insect w.m.

### SSE-05 MULTIMEDIA STUDENT SET

Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-05 The Insects Basic CD



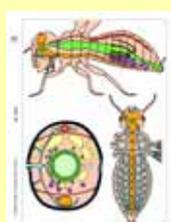
Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



### SME-06 MULTIMEDIA TEACHER PACKAGE The Insects, Supplementary Package of 12 items

Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Culex pipiens, mosquito, piercing sucking mouth parts w.m. - 2. Apis mellifica, posterior leg with pollen basket w.m. - 3. Drosophila, fruit fly, w.m. of adult - 4. Culex pipiens, mosquito, w.m. of larva - 5. Apis mellifica, honey bee, mouth parts of worker t.s. - 6. Pieris, butterfly, clubbed antenna w.m. - 7. Aphidae, plant lice adults and larvae w.m - 8. Pieris, butterfly, walking leg w.m. - 9. Apis mellifica, honey bee, sting and poison sac w.m. - 10. Musca domestica, house fly, wing w.m - 11. Drosophila, fruit fly, sagittal l.s. for general insect anatomy - 12. Apis mellifica, head with compound eyes and brain t.s.



### SSE-06 MULTIMEDIA STUDENT SET

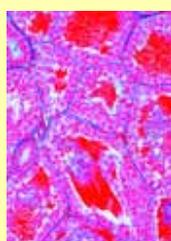
Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-06 The Insects Supplementary CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.

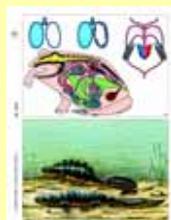


### SME-07 MULTIMEDIA TEACHER PACKAGE The Frog Histology (Rana)

Basic Package of 12 items

Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box.

1. Frog, simple sac-like lung t.s. - 2. Frog, blood smear, shows nucleated red corpuscles - 3. Frog, stomach t.s., glandular epithelium - 4. Frog, small intestine t.s., folds - 5. Frog, large intestine (colon) t.s., goblet cells - 6. Frog, liver t.s., showing liver parenchyma cells- 7. Frog, ovary t.s. shows follicle development, yolk - 8. Frog, testis t.s. showing spermatogenesis - 9. Frog, heart l.s. of the entire organ - 10. Frog, tongue t.s., papillae, glands, muscles - 11. Frog, skin t.s., skin glands, epidermis, pigment cells - 12. Frog, brain t.s. showing nerve cells.



### SSE-07 MULTIMEDIA STUDENT SET

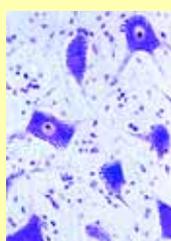
Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-07 The Frog Histology (Rana) Basic CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



### SME-08 MULTIMEDIA TEACHER PACKAGE The Animal Cell (Cytology)

Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box.

1. Simple animal cells in t.s. of salamander liver - 2. Squamous epithelial cells from cheek - 3. Nerve cells and fibers - 4. Bone cells, t.s. of compact bone - 5. Striated muscle cells, l.s. of skeletal muscle - 6. Blood cells, smear of human blood with red and white corpuscles



### SSE-08 MULTIMEDIA STUDENT SET

Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-08 The Animal Cell (Cytology) Basic CD



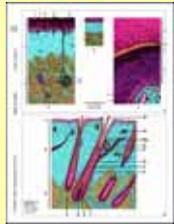
Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-09 MULTIMEDIA TEACHER PACKAGE**  
**Human and Animal Histology**  
 Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box.

1. Squamous epithelium, isolated cells - 2. Hyaline cartilage of calf, t.s - 3. Compact bone of cow, t.s. - 4. Striated muscles of cat, l.s - 5. Smooth muscles of cat, t.s. and l.s. - 6. Blood, human, Giemsa or Wright stained smear



**SSE-09 MULTIMEDIA STUDENT SET**

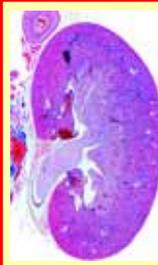
Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

**Additional Interactive CD-ROM**  
 No. CD-SM-09  
**Human and Animal Histology**  
 Basic CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-10 MULTIMEDIA TEACHER PACKAGE**  
**Human and Animal Histology**  
 Supplementary Package I of 12 items

Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box.

1. Columnar epithelium, human gall bladder, t.s - 2. Elastic cartilage, ear, t.s. Elastic tissue stain - 3. Skin, human, from palm, t.s. showing sweat glands - 4. Lung, human t.s. showing alveoli - 5. Heart muscle, t.s. and l.s., striations, intercalated discs - 6. Stomach of cat, fundic region, t.s. - 7. Kidney, cat, t.s. showing cortex and medulla - 8. Testis, rabbit, t.s. showing spermatogenesis - 9. Ovary, rabbit, t.s. follicle development - 10. Cerebrum, human, cortex, t.s. - 11. Spinal cord, cat, t.s. for general structure - 12. Tongue, rabbit, t.s., papillae with taste buds



**SSE-10 MULTIMEDIA STUDENT SET**

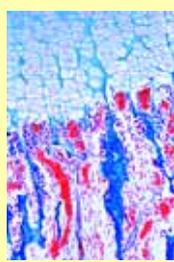
Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

**Additional Interactive CD-ROM**  
 No. CD-SM-10  
**Human and Animal Histology**  
 Supplementary CD I



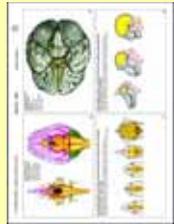
Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-11 MULTIMEDIA TEACHER PACKAGE**  
**Human and Animal Histology**  
 Supplementary Package II of 12 items

Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box.

1. Ciliated epithelium, trachea, t.s. - 2. Adipose tissue, t.s. - 3. Bone development (intracartilaginous), l.s. of foetal finger - 4. White fibrous tissue of cow, l.s. of tendon - 5. Artery, human, t.s., elastica stained - 6. Vein, human, t.s., elastica stained - 7. Small intestine of cat, t.s. stained for goblet cells - 8. Pancreas, human, t.s. with islets of Langerhans - 9. Liver of pig, t.s. - 10. Cerebellum, human, t.s. - 11. Thyroid gland of cow, t.s - 12. Mammary gland of cow, t.s. active stage



**SSE-11 MULTIMEDIA STUDENT SET**

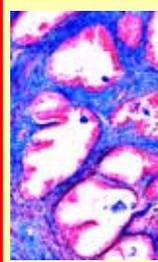
Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

**Additional Interactive CD-ROM**  
 No. CD-SM-11  
**Human and Animal Histology**  
 Supplementary CD II



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-12 MULTIMEDIA TEACHER PACKAGE**  
**Human Diseases (Pathology)**  
 Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box.

1. Tuberculosis of the lung, t.s. with bacterial foci - 2. Anthracosis of lung (smokers' lung) - 3. Struma of thyroid gland (Goiter) - 4. Acute hemorrhagic nephritis (Kidney) - 5. Cirrhosis of liver, t.s. (abuse of alcohol) - 6. Eberthella typhi (typhoid fever), smear



**SSE-12 MULTIMEDIA STUDENT SET**

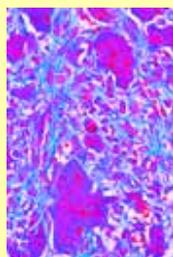
Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

**Additional Interactive CD-ROM**  
 No. CD-SM-12  
**Human Diseases (Pathology)**  
 Basic CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.

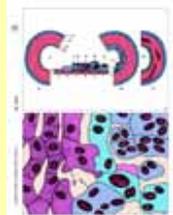


### SME-13 MULTIMEDIA TEACHER PACKAGE Human Diseases (Pathology)

Supplementary Package of 12 items

Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Miliary tuberculosis of liver - 2. Influenzal pneumonia - 3. Spindle cell sarcoma - 4. Carcinoma of liver (primary) - 5. Hypertrophy of prostate - 6. Adiposis of heart - 7. Icterus hepatis - 8. Myoma of uterus - 9. Carcinoma of uterus - 10. Malaria parasites in blood (Plasmodium), smear - 11. Sleeping disease of humans, blood smear with flagellates (Trypanosoma) - 12. Pus bacteria, smear showing cocci in irregular balls



### SSE-13 MULTIMEDIA STUDENT SET

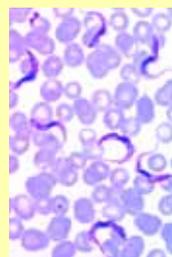
Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-13 Human diseases (Pathology) Supplementary CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.

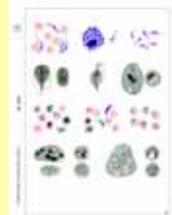


### SME-14 MULTIMEDIA TEACHER PACKAGE Parasites of Man and Animals

Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Trypanosoma, blood flagellate causing sleeping sickness, blood smear - 2. Plasmodium falciparum, causing malaria tropica, human blood smear - 3. Taenia, tapeworm, proglottids in different stages t.s - 4. Ascaris lumbricoides, roundworm of human, adult female t.s. in region of gonads. - 5. Trichinella spiralis, t.s. of infected muscle with larvae - 6. Fasciola hepatica, beef liver fluke, t.s. of the body



### SSE-14 MULTIMEDIA STUDENT SET

Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-14 Parasites of Man and Animals Basic CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



### SME-15 MULTIMEDIA TEACHER PACKAGE Parasites of man and animals

Supplementary Package of 12 items

Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Entamoeba histolytica, smear or section - 2. Eimeria stiedae, coccidiosis in rabbit liver, t.s. - 3. Monocystis, from earthworm seminal vesicle - 4. Fasciola hepatica, beef liver fluke, w.m. - 5. Taenia pisiformis, tapeworm, mature proglottids w.m. - 6. Enterobius vermicularis (Oxyuris), pin worm, w.m. - 7. Echinococcus granulosus, dog tapeworm, cyst wall and scolices sec. - 8. Dermatomyssus, chicken mite w.m. - 9. Anopheles, malaria mosquito, mouth parts of female w.m. - 10. Culex pipiens, common mosquito, mouth parts of female w.m. - 11. Pediculus humanus, human louse, w.m. - 12. Ctenocephalus canis, dog flea, adult w.m.



### SSE-15 MULTIMEDIA STUDENT SET

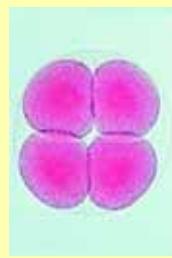
Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-15 Parasites of Man and Animals Supplementary CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.

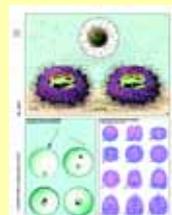


### SME-16 MULTIMEDIA TEACHER PACKAGE Reproduction of animals

Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Mitotic (division) stages in red bone marrow of mammal t.s. - 2. Meiotic (maturation) stages in testis of mouse t.s. - 3. Sea-urchin development, first cleavage stages of egg cells, w.m. - 4. Growing egg and yolk cells in ovary of bird, t.s. - 5. Ovary of rabbit or other mammal showing oogenesis, t.s. - 6. Sperm smear of bull showing w.m. of spermatozoa



### SSE-16 MULTIMEDIA STUDENT SET

Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-16 Reproduction of Animals Basic CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.

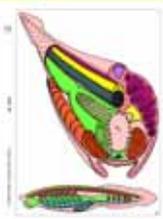


**SME-17 MULTIMEDIA TEACHER PACKAGE**  
**Embryology and development of animals**

Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Frog, early tail bud stage, t.s. with neural tube, notochord
2. Frog, young tadpole, t.s. through head
3. Chicken, 36 hour, t.s. with neural tube, differentiation of mesoderm
4. Chicken, 48 hour, t.s. with differentiation of mesoderm and ectoderm
5. Chicken, 3 day, t.s. of head with primordium of brain, eyes and heart
6. Mouse embryo, t.s. of head, development of hairs, brain, etc.



**SSE-17 MULTIMEDIA STUDENT SET**

Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box



**SME-18 MULTIMEDIA TEACHER PACKAGE**  
**Embryology and development of animals**

Supplementary Package of 12 items

Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Vinegar eels (*Anguillula*), various stages w.m.
2. *Ascaris megalocephala*, first and second maturation divisions in oocytes
3. *Ascaris*, oocytes with male and female pronuclei
4. Mosquito (*Culex*), larva of insect, w.m.
5. Frog, hatching stage, t.s. region of midbody
6. Frog, young tadpole, t.s. thorax
7. Frog, young tadpole, t.s. of abdomen
8. Chicken, 3 day, t.s. through body showing amnion and serosa
9. Chicken, 4-5 day, t.s. through region of heart shows heart, lungs, vertebrae, spinal cord
10. Chicken, feather development, sec. of wings
11. Mouse embryo, t.s. of body
12. Pig embryo, 11-12 mm, typical t.s. region of abdomen



**SSE-18 MULTIMEDIA STUDENT SET**

Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

**Additional Interactive CD-ROM**  
**No. CD-SM-17**

**Embryology and Development**  
**Basic CD**



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.

**NEW**

**Additional Interactive CD-ROM**  
**No. CD-SM-18**

**Embryology and Development**  
**Supplementary CD**



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.

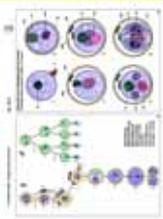


**SME-19 MULTIMEDIA TEACHER PACKAGE**  
**Genetic slides**

Basic Package of 6 items

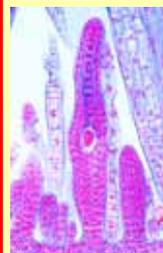
Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. *Allium cepa*, onion, root tips, l.s. showing all stages of mitosis
2. Chromosomes, human, of culture of peripheral blood, smear preparation
3. Sea urchin, developing of eggs, w.m. of most stages up to pluteus in the same slide
4. *Ascaris megalocephala*, male and female pronuclei, sec.
5. Testis of rabbit, t.s. showing spermatogenesis in all stages
6. *Spirogyra*, scalariform conjugation showing zygotes following conjugation



**SSE-19 MULTIMEDIA STUDENT SET**

Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

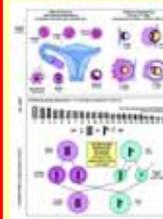


**SME-20 MULTIMEDIA TEACHER PACKAGE**  
**Genetic slides**

Supplementary Package of 12 items

Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. *Allium*, root tips, t.s. showing polar view of mitosis, iron-hematoxyline
2. Ovary of rabbit, l.s. follicles in various stages of development
3. *Lilium*, microspore mother cells, prophase stages t.s.
4. *Paramecium*, from mass culture showing stages of binary division
5. *Rhizopus* or *Mucor*, mold, formation of zygosporangia w.m.
6. *Mnium*, moss, archegonium, l.s.
7. *Mnium*, moss, antheridium, l.s.
8. *Pinus*, young female cone at time of pollination, l.s.
9. *Pinus*, male cone with pollen l.s.
10. *Lilium*, stigma, l.s. showing penetrating pollen grains
11. *Drosophila* genetics, adult wild type, w.m.
12. *Drosophila* genetics, "barr eye" mutant, w.m.



**SSE-20 MULTIMEDIA STUDENT SET**

Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

**Additional Interactive CD-ROM**  
**No. CD-SM-19**

**Genetics**  
**Basic CD**



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.

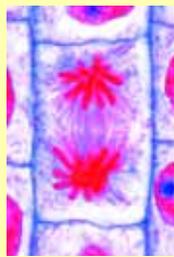
**NEW**

**Additional Interactive CD-ROM**  
**No. CD-SM-20**

**Genetics**  
**Supplementary CD**



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.

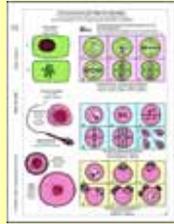


### SME-21 MULTIMEDIA TEACHER PACKAGE Mitosis and Meiosis (Cell division)

Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Allium, root tips, I.s. showing lateral view of all stages of mitosis, iron-hematoxyline - 2. Whitefish mitosis, I.s. of embryo showing animal mitosis - 3. Testis of mouse, t.s. showing spermatogenesis in all stages - 4. Giant chromosomes from salivary gland of Chironomus, squash preparation special stained for chromomeres - 5. Lilium, microspore mother cells, prophase of first division showing meiosis, - 6. Lilium, microspore mother cells, meta- or anaphase of first division, showing mitosis



### SSE-21 MULTIMEDIA STUDENT SET

Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-21 Mitosis and Meiosis (Cell division) Basic CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demo-programs. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



### SME-22 MULTIMEDIA TEACHER PACKAGE Bacteria

Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Bacteria from mouth, smear with Gram positive and negative rods - 2. Typical bacteria: three smears on one slide, cocci, bacteria and spirilli are shown, carefully stained - 3. Staphylococcus aureus, pus organism - 4. Bacillus subtilis, hay bacillus, smear with bacilli and spores - 5. Escherichia coli, colon bacteria - 6. Spirillum volutans, large species from putrid water



### SSE-22 MULTIMEDIA STUDENT SET

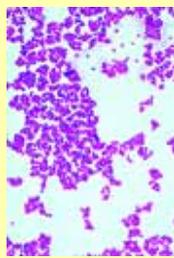
Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-22 Bacteria Basic CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demo-programs. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.

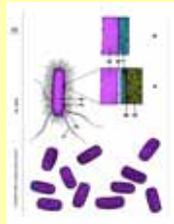


### SME-23 MULTIMEDIA TEACHER PACKAGE Bacteria

Supplementary Package of 12 items

Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Streptococcus pyogenes, pus organism - 2. Sarcina lutea, chromogenic rods occurring in packets - 3. Streptococcus lactis, milk souring organism, short chains - 4. Mycobacterium tuberculosis, causing tuberculosis - 5. Corynebacterium diphtheriae, causing diphtheria - 6. Rhizobium radicicola, nitrogen fixing bacteria in root nodules - 7. Proteus vulgaris, putrefaction - 8. Eberthella typhi, causing typhoid fever - 9. Clostridium botulinum (botulism), causing food poisoning, smear - 10. Acetobacter aceti, manufacture of vinegar, smear - 11. Salmonella enteritidis, causes meat poisoning, smear - 12. Rhodospirillum rubrum, chromogenic spirilli



### SSE-23 MULTIMEDIA STUDENT SET

Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-23 Bacteria Supplementary CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demo-programs. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



### SME-24 MULTIMEDIA TEACHER PACKAGE Algae

Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Nostoc, blue-green alga with heterocysts - 2. Diatoms, fresh water, recent, mixed species - 3. Spirogyra, vegetative filaments with spiral chloroplasts, w.m. - 4. Cladophora sp., branching filaments with multinucleate cells - 5. Chlamydomonas, biflagellate cells, w.m. - 6. Desmids, strewn slide showing several selected forms



### SSE-24 MULTIMEDIA STUDENT SET

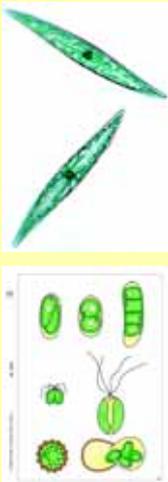
Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-24 Algae Basic CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demo-programs. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-25 MULTIMEDIA TEACHER PACKAGE**  
**Algae** - Supplementary Package of 12 items  
**Comprising:** 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

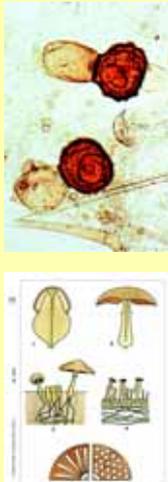
1. Chroococcus, a single-cell alga, w.m - 2. Oscillatoria, a blue-green filamentous alga w.m. - 3. Microcystis, irregular colonies w.m. - 4. Draparnaldia, main filaments and clusters of branches w.m. - 5. Hydrodictyon, water net, w.m. - 6. Oedogonium, a filamentous green alga with vegetative and sexual stages - 7. Volvox, spherical colonies with daughter colonies and sexual stages w.m. - 8. Dinobryon, a golden alga forming colonies w.m. - 9. Pleurococcus (Protococcus), small colonies growing on bark, w.m. - 10. Laminaria saccharina, thallus with sporangia, c.t. - 11. Fucus vesiculosus, seaweed, male conceptacle with antheridia, t.s. - 12. Fucus vesiculosus, female conceptacle with oogonia t.s.

**SSE-25 MULTIMEDIA STUDENT SET**  
**Comprising:** 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW** Additional Interactive CD-ROM  
**No. CD-SM-25**  
**Algae**  
**Supplementary CD**



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-26 MULTIMEDIA TEACHER PACKAGE**  
**Cryptogams** - Basic Package of 12 items  
**Comprising:** 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Oscillatoria, blue green alga - 2. Spirogyra sp., vegetative filaments w.m. - 3. Mucor, black mold, mycelium and sporangia - 4. Peziza, apothecium with asci t.s. - 5. Saccharomyces, yeast, budding cells - 6. Coprinus, mushroom, t.s. showing typical basidia and spores - 7. Moss stem with leaves w.m. - 8. Marchantia, liverwort, archegonia l.s. - 9. Marchantia, liverwort, antheridia l.s. - 10. Equisetum, horsetail, strobilus with spores l.s. - 11. Pteridium, bracken fern, t.s. of rhizome - 12. Aspidium (Dryopteris), fern, leaflet with sporangia and spores t.s.

**SSE-26 MULTIMEDIA STUDENT SET**  
**Comprising:** 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW** Additional Interactive CD-ROM  
**No. CD-SM-26**  
**Cryptogams**  
**Basic CD**



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-27 MULTIMEDIA TEACHER PACKAGE**  
**Cryptogams** - Supplementary Package of 12 items  
**Comprising:** 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Nostoc, blue green alga with heterocysts - 2. Diatoms, mixed species - 3. Albugo candida, white rust of cruzifers, t.s. - 4. Penicillium, blue mold, mycelium and conidiophores - 5. Puccinia graminis, wheat rust, uredinia on wheat t.s. - 6. Psalliota, gill fungus, pileus with lamellae t.s - 7. Claviceps purpurea, ergot, stroma with perithecia l.s. - 8. Physcia, sec. through thallus of a typical lichen showing the fungus and the embedded algae - 9. Polytrichum, moss, capsule with spores t.s. - 10. Equisetum, horse tail, spores with elaters w.m. - 11. Lycopodium, clubmoss, sporophyll with spores l.s. - 12. Fern prothallium w.m.

**SSE-27 MULTIMEDIA STUDENT SET**  
**Comprising:** 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW** Additional Interactive CD-ROM  
**No. CD-SM-27**  
**Cryptogams**  
**Supplementary CD**



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-28 MULTIMEDIA TEACHER PACKAGE**  
**The Plant Cell (Cytology)**  
**Basic Package of 6 items**  
**Comprising:** 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

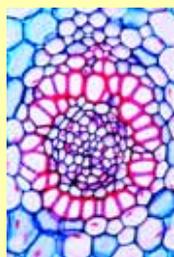
1. Epidermis of Allium cepa (onion), w.m. showing simple plant cells with cell walls, nuclei and cytoplasm - 2. Fruit of Pyrus (pear) t.s. showing stone cells (sclerenchyma cells) - 3. Tuber of Solanum (potato) t.s. shows cork and starch grains - 4. Cucurbita pepo (pumpkin) l.s. of stem showing vascular bundles with sieve tubes, spiral and annular vessels, sclerenchyma fibres - 5. Anthers of Liliium (lily), t.s. showing pollen sacs and pollen grains - 6. Ovary of Liliium (lily), t.s. showing arrangement of ovules and embryosac

**SSE-28 MULTIMEDIA STUDENT SET**  
**Comprising:** 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW** Additional Interactive CD-ROM  
**No. CD-SM-28**  
**The Plant Cell (Cytology)**  
**Basic CD**



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



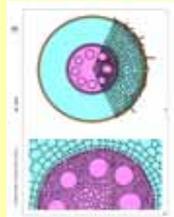
### SME-29 MULTIMEDIA TEACHER PACKAGE

#### Typical Roots of Phanerogams

Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Zea mays, corn, typical monocot root t.s. - 2. Ranunculus, buttercup, typical dicot root t.s. - 3. Root tip and root hairs, t.s. to show epidermal origin of root hairs - 4. Smilax, carrion flower, t.s. of root shows thickened endodermis - 5. Elodea, Canadian waterweed, t.s. of an aquatic root - 6. Lupinus, root nodules with nitrogen fixing bacteria (*Rhizobium radicicola*) t.s.



### SSE-29 MULTIMEDIA STUDENT SET

Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

#### Additional Interactive CD-ROM No. CD-SM-29

#### Typical Roots of Phanerogams Basic CD

Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



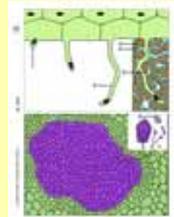
### SME-30 MULTIMEDIA TEACHER PACKAGE

#### Typical Roots of Phanerogams

Supplementary Package of 12 items

Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Herbaceous and woody roots, two t.s. on one slide - 2. Young (primary) and older (secondary) roots, two t.s. on one slide - 3. Salix, willow, l.s. of root showing origin of lateral roots - 4. Iris, typical monocot root t.s. - 5. Medicago, alfalfa, root t.s. showing secondary growth - 6. Tilia, lime, older woody root t.s. - 7. Monstera, aerial root t.s. - 8. Taraxacum, dandelion, taproot with lactiferous vessels t.s. - 9. Fagus, beech, root with ectotrophic mycorrhiza, t.s. - 10. Neottia nidus avis, orchid, root with endotrophic mycorrhiza, l.s. - 11. Cuscuta, dodder, t.s. through stem of host showing the haustoria of the parasite - 12. Pinus, older woody root t.s.



### SSE-30 MULTIMEDIA STUDENT SET

Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

#### Additional Interactive CD-ROM No. CD-SM-30

#### Typical Roots of Phanerogams Supplementary CD

Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



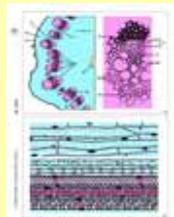
### SME-31 MULTIMEDIA TEACHER PACKAGE

#### Typical Stems of Phanerogams

Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Zea mays, typical monocot stem with scattered bundles, t.s., a standard slide for general study - 2. Helianthus, sunflower, typical dicot herbaceous stem t.s. showing open vascular bundles - 3. Cucurbita, pumpkin, l.s. of stem with sieve tubes and vascular bundles - 4. Triticum, wheat, t.s. through the stem of a gramineous plant - 5. Elodea, waterweed, t.s. of aquatic stem showing primitive bundle - 6. Convolvularia, lily of the valley, t.s. of rhizome with concentric vascular bundles



### SSE-31 MULTIMEDIA STUDENT SET

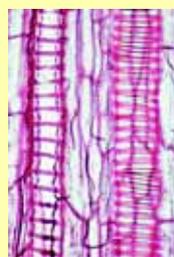
Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

#### Additional Interactive CD-ROM No. CD-SM-31

#### Typical Stems of Phanerogams Basic CD

Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



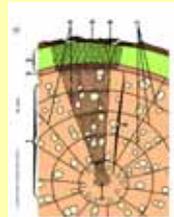
### SME-32 MULTIMEDIA TEACHER PACKAGE

#### Typical Stems of Phanerogams

Supplementary Package of 12 items

Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Aristolochia, one year stem t.s. for general study - 2. Aristolochia, older stem t.s. - 3. Fagus, beech, three sections of wood: t.s., r.l.s., t.l.s. - 4. Tilia, lime, older woody stem with annual rings, t.s. - 5. Nymphaea, water lily, aquatic stem with idioblasts t.s. - 6. Potamogeton, pondweed, stem with aerial chambers t.s. - 7. Opuntia, cactus, succulent stem t.s. - 8. Ranunculus, buttercup, t.s. stem with open vascular bundles - 9. Coleus, t.s. of a square stem showing collenchyma clearly - 10. Hedera helix, ivy, stem with crystals t.s. - 11. Clematis, young hexagonal stem t.s., collenchyma - 12. Solanum tuberosum, potato, t.s. of tuber with starch grains



### SSE-32 MULTIMEDIA STUDENT SET

Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

#### Additional Interactive CD-ROM No. CD-SM-32

#### Typical Stems of Phanerogams Supplementary CD

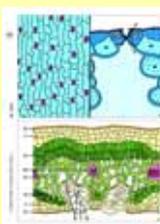
Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.





**SME-33 MULTIMEDIA TEACHER PACKAGE**  
**Typical Leaves of Phanerogams**  
 Basic Package of 6 items  
 Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Zea mays, corn, monocot gramineous leaf t.s. - 2. Syringa, lilac, t.s. of a typical mesophytic dicot leaf for general study - 3. Tulipa, tulip, leaf epidermis w.m., showing Istomata and guard cells - 4. Elodea, t.s. of leaf showing the simple structure of an aquatic leaf - 5. Nerium, oleander, leaf with sunken stomata t.s., showing the typical structures of a xerophytic leaf - 6. Pinus, leaves (needles), t.s. for general study of gymnosperm leaves

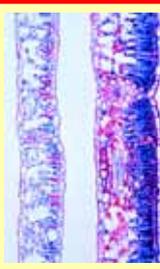


**SSE-33 MULTIMEDIA STUDENT SET**  
 Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW** Additional Interactive CD-ROM  
 No. CD-SM-33  
**Typical Leaves of Phanerogams**  
 Basic CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-34 MULTIMEDIA TEACHER PACKAGE**  
**Typical Leaves of Phanerogams**  
 Supplementary Package of 12 items  
 Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Iris, typical isobilateral leaf t.s. - 2. Poa annua, meadow grass, leaf t.s. - 3. Ligustrum, privet, t.s. of dicot leaf - 4. Helleborus, t.s. of a typical mesophytic dicot leaf for general study - 5. Ficus elastica, India rubber plant, leaf with cystoliths t.s. - 6. Nymphaea, water lily, floating leaf of an aquatic plant with air chambers t.s. - 7. Potamogeton, pondweed, leaf t.s. - 8. Calluna, ling, revolute leaves t.s. - 9. Verbascum, mullein, branched leaf hairs w.m. - 10. Dionaea, Venus flytrap, t.s. of leaf with digestive glands - 11. Drosera, sundew, leaf with glandular hairs, t.s. - 12. Fagus, beech, leaf bud t.s. showing leaf development



**SSE-34 MULTIMEDIA STUDENT SET**  
 Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW** Additional Interactive CD-ROM  
 No. CD-SM-34  
**Typical Leaves of Phanerogams**  
 Supplementary CD

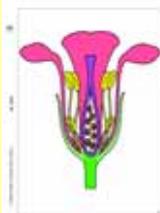


Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-35 MULTIMEDIA TEACHER PACKAGE**  
**Flowers and Fruits**  
 Basic Package of 6 items  
 Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Lilium candidum, lily, t.s. of flower bud showing floral diagram of a monocot - 2. Lycopersicum, tomato, t.s. of flower bud shows floral diagram of a dicot - 3. Lilium, anther t.s. showing pollen chambers and pollen grains - 4. Lilium, ovary t.s., showing arrangement of ovules - 5. Capsella bursa pastoris, shepherd's purse, l.s. of ovule with embryos - 6. Triticum, wheat, grain (seed), t.s. showing embryo and endosperm



**SSE-35 MULTIMEDIA STUDENT SET**  
 Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW** Additional Interactive CD-ROM  
 No. CD-SM-35  
**Flowers and Fruits**  
 Basic CD I

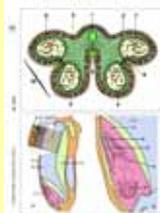


Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-36 MULTIMEDIA TEACHER PACKAGE**  
**Flowers and Fruits**  
 Supplementary Package of 12 items  
 Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Lilium, l.s. of stigma with pollen and pollen tubes - 2. Monotropa, Indian pipe, ovary t.s. with developing embryosacs - 3. Papaver, poppy, t.s. of flower shows parietal placentation - 4. Solanum tuberosum, potato, t.s. flower bud for floral diagram - 5. Taraxacum, dandelion, l.s. of composite flower - 6. Cocos nucifera, coconut, endosperm t.s. - 7. Citrus, lemon, young fruit t.s. - 8. Lycopersicum, tomato, young fruit t.s. - 9. Pyrus malus, apple, young pome t.s., a fleshy, many seeded fruit - 10. Mixed pollen types, many different species - 11. Pinus, ovule l.s. showing archegonia, for general study - 12. Pinus, male cone with pollen l.s.

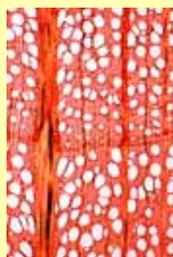


**SSE-36 MULTIMEDIA STUDENT SET**  
 Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW** Additional Interactive CD-ROM  
 No. CD-SM-36  
**Flowers and Fruits**  
 Supplementary CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.

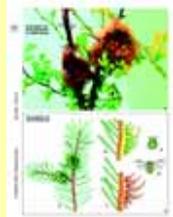


### SME-37 MULTIMEDIA TEACHER PACKAGE Varieties of wood

Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Maple. Acer platanoides, three sections of wood -
2. Beech. Fagus silvatica, three sections of wood -
3. Pine. Pinus silvestris, three sections of wood -
4. Spruce. Picea excelsa, three sections of wood -
5. Poplar. Populus alba, three sections of wood -
6. Lime. Tilia platyphylla, three sections of wood



### SSE-37 MULTIMEDIA STUDENT SET

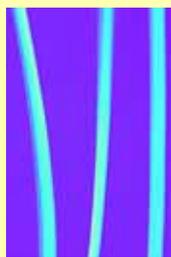
Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-37 Varieties of Wood Basic CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demo-programs. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



### SME-38 MULTIMEDIA TEACHER PACKAGE Textile Fibres, Hairs and Furs

Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Merino wool -
2. Cocoon silk, raw -
3. Linen (flax) -
4. American cotton -
5. Cellulose fibers -
6. Nylon fabric



### SSE-38 MULTIMEDIA STUDENT SET

Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-38 Textile Fibres, Hairs and Furs Basic CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demo-programs. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.

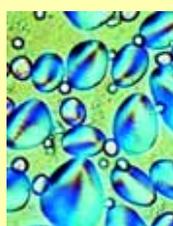


### SME-39 MULTIMEDIA TEACHER PACKAGE Foodstuff and its Adulteration

Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Mold in spoiled foodstuffs -
2. Sour milk, stained for bacteria -
3. Wheat flour adulterated with chalk -
4. Corn flour spoiled with spores of corn smut (Ustilago) -
5. Rye flour spoiled with moths -
6. Flour spoiled with mites (Tyroglyphus farinae)



### SSE-39 MULTIMEDIA STUDENT SET

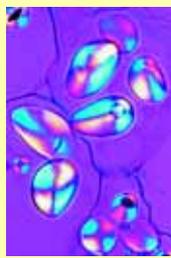
Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-39 Foodstuff and its Adulteration Basic CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demo-programs. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.

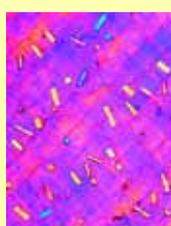


### SME-40 MULTIMEDIA TEACHER PACKAGE Foodstuffs and Spices Under the Microscope

Basic Package of 12 items

Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Rye flour -
2. Potato starch -
3. Soya meal -
4. Wheat flour -
5. Rice starch -
6. Coffee bean t.s. -
7. Black pepper, ground -
8. Paprika, ground -
9. Nutmeg t.s. -
10. Cocoa powder -
11. Tobacco, leaves t.s. -
12. Hazelnut, t.s. stained for fat



### SSE-40 MULTIMEDIA STUDENT SET

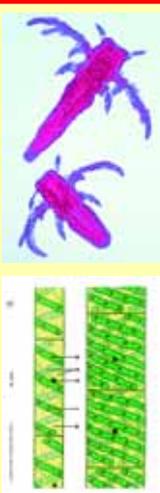
Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-40 Foodstuffs and Spices Under the Microscope, Basic CD



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demo-programs. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-41 MULTIMEDIA TEACHER PACKAGE**  
**The Wonderful World in a Drop of Water**  
 Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Euglena, green flagellate with eyespot - 2. Paramecium, nuclei stained - 3. Daphnia and Cyclops, small crustaceans - 4. Spirogyra, green alga with spiral chloroplasts - 5. Spongilla, fresh water sponge, isolated spicules - 6. Diatomeae, diatoms, mixed species

**SSE-41 MULTIMEDIA STUDENT SET**  
 Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW** Additional Interactive CD-ROM  
 No. CD-SM-41  
**The Wonderful World in a Drop of Water, Basic CD**



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-42 MULTIMEDIA TEACHER PACKAGE**  
**The Wonderful World in a Drop of Water**  
 Supplementary Package of 12 items

Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

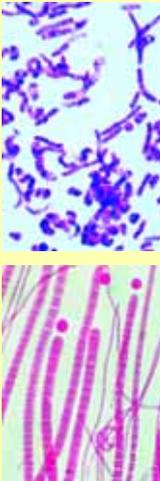
1. Ceratium hirundinella, dinoflagellates - 2. Vorticella, a stalked ciliate - 3. Putrefaction causing bacteria from hay infusions - 4. Hydra, fresh water polyp, t.s. of the body - 5. Cladophora, green alga, branched filaments - 6. Eudorina, small colonies within gelatinous sheaths - 7. Microcystis, irregular colonies - 8. Rotatoria, rotifers, mixed species - 9. Planaria, fresh water flat worm, t.s. of body - 10. Plumatella, moss animal, section of colony - 11. Tubifex, a fresh water oligochaete - 12. Mixed plankton, strewn slide

**SSE-42 MULTIMEDIA STUDENT SET**  
 Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW** Additional Interactive CD-ROM  
 No. CD-SM-42  
**The Wonderful World in a Drop of Water, Supplementary CD**



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-43 MULTIMEDIA TEACHER PACKAGE**  
**Identifying Polluted Water Under the Microscope**  
 Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

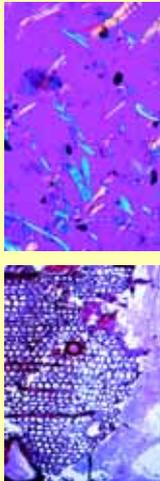
1. Intestinal bacteria (Escherichia coli) from putrid water - 2. Putrefactive bacteria (Spirillum) from sludge poor in oxygen - 3. Sludge bacteria (Methanobacterium) causing sewer gas - 4. Wasserbluthe (Microcystis), blue-green alga "blooming" in stagnant water - 5. Ciliates, different species from nutrient-rich water - 6. Water mold (Saprolegnia), harmful to plants and animals

**SSE-43 MULTIMEDIA STUDENT SET**  
 Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW** Additional Interactive CD-ROM  
 No. CD-SM-43  
**Identifying Polluted Water Under the Microscope, Basic CD**



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**SME-44 MULTIMEDIA TEACHER PACKAGE**  
**Air Pollution and Allergens**  
 Basic Package of 6 items

Comprising: 6 Microscope Slides in Plastic Box, 3 OHP Color Transparencies, 6 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Pollen grains of different kinds of grass - 2. Pollen grains of different kinds of conifers - 3. Mixed house dust (causing allergens) - 4. Asbestos powder (cancerogenous) - 5. Dust mite from a living room - 6. Spores of different fungi

**SSE-44 MULTIMEDIA STUDENT SET**  
 Comprising: 6 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW** Additional Interactive CD-ROM  
 No. CD-SM-44  
**Air Pollution and Allergens, Basic CD**



Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.

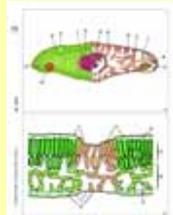


### SME-45 MULTIMEDIA TEACHER PACKAGE Animals and Plants Damaged by Environmental Influences

Basic Package of 8 items

Comprising: 8 Microscope Slides in Plastic Box, 4 OHP Color Transparencies, 8 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Skin of fish injured by chemicals, t.s. - 2. Skin ulcer of an amphibian, t.s. - 3. Human lung injured with dust particles, t.s. - 4. Gall nut on oak caused by insects, t.s. - 5. Beech (Fagus), t.s. of leaves with destroyed epidermis and chloroplasts - 6. Damaged lichen, caused by air pollution - 7. Wood with anomalous narrow annual rings caused by drought, t.s. - 8. Wood destroyed by fungus



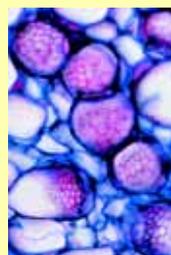
### SSE-45 MULTIMEDIA STUDENT SET

Comprising: 8 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-45 Animals and Plants Damaged by Environmental Influences, Basic CD

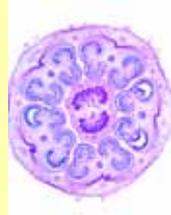
Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



### SME-50 MULTIMEDIA TEACHER PACKAGE Anatomy of Phanerogams

Basic Package of 12 items

Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box  
1. Zea mays, corn, monocot root t.s. - 2. Ranunculus, buttercup, dicot root t.s. - 3. Root tip and root hairs, t.s. epidermal origin of root hairs - 4. Zea mays, monocot stem with scattered bundles, t.s. - 5. Helianthus, sunflower, dicot herbaceous stem t.s. - 6. Zea mays, corn, monocot gramineous leaf t.s. - 7. Syringa, lilac, t.s. of a typical mesophytic dicot leaf - 8. Tulipa, tulip, leaf epidermis w.m., stomata and guard cells - 9. Lilium, lily, t.s. of flower bud showing floral diagram - 10. Lilium, anther t.s. showing pollen chambers and pollen grains - 11. Lilium, ovary t.s., showing arrangement of ovules - 12. Triticum, wheat, seed t.s. embryo and endosperm



### SSE-50 MULTIMEDIA STUDENT SET

Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-50 Anatomy of Phanerogams Basic CD

Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.

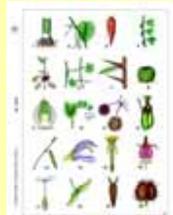


### SME-51 MULTIMEDIA TEACHER PACKAGE Anatomy of Phanerogams

Supplementary Package of 12 items

Comprising: 12 Microscope Slides in Plastic Box, 6 OHP Color Transparencies, 12 Sketch- and Worksheets, Brochure with explanatory text, Special cardboard box

1. Herbaceous and woody roots, two t.s. on one slide - 2. Lupinus, root nodules with nitrogen fixing bacteria t.s. - 3. Fagus, beech, root with ectotrophic mycorrhiza, t.s. - 4. Aristolochia, older stem t.s. - 5. Cucurbita, pumpkin, l.s. of stem with sieve tubes and vascular bundles - 6. Solanum tuberosum, potato, t.s. of tuber with starch grains - 7. Nerium, oleander, leaf with sunken stomata t.s. xerophytic leaf - 8. Pinus, leaves (needles), t.s. - 9. Lycopersicum, tomato, t.s. of flower bud shows floral diagram - 10. Mixed pollen types, many different species - 11. Pinus, ovule l.s. showing archegonia - 12. Pinus, male cone with pollen l.s.



### SSE-51 MULTIMEDIA STUDENT SET

Comprising: 12 Microscope Slides in Plastic Box, Brochure with explanatory text, Cardboard box

**NEW**

### Additional Interactive CD-ROM No. CD-SM-51 Anatomy of Phanerogams Supplementary CD

Matching the Multimedia Packages for teachers and students and providing a great number of additional pictures and designs in excellent quality. A novel phantastic virtual MicroScope with different magnifications, test- and demoprograms. All pictures and texts can be printed by the user. The CD can be ordered separately or together with the Multimedia Packages for teachers and students.



**All CD-OM can be ordered separately or together with the Multimedia Packages for teachers and students. Owners of previously acquired Multimedia Packages for teachers and students can purchase the accompanying CD-ROMs separately.**