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BILDTEIL

Tafel 1

ANTHRACOIDEA, Cyperaceae

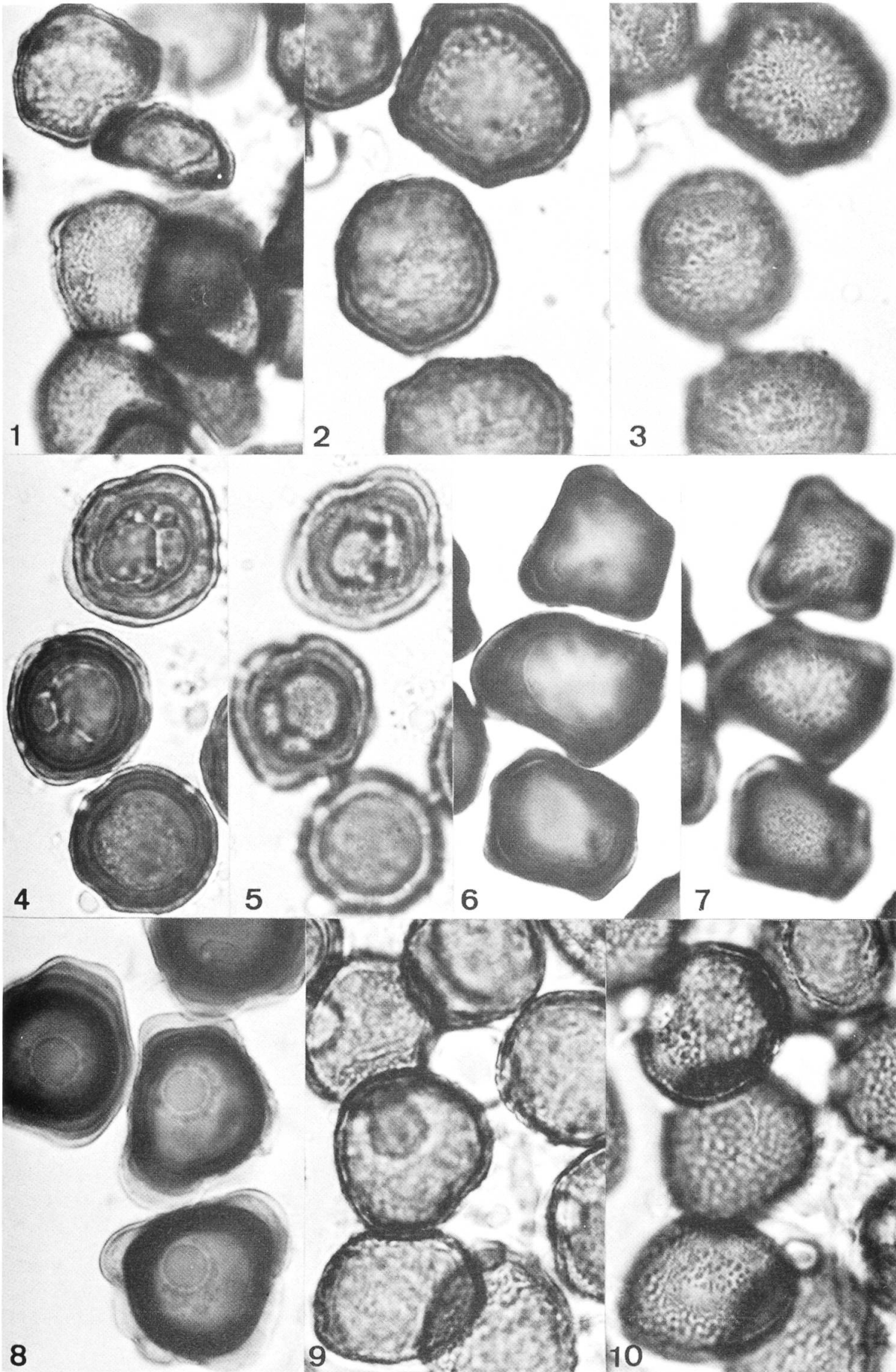
1. *A. caricis*, *Carex pilulifera* (Hab. 3.5 ×)
2. *A. elyinae*, *Elyna myosuroides* (Hab. 1.3 ×)
3. *A. foetidae*, *Carex foetida* (Hab. 1.8 ×)
4. *A. lindebergiae*, *Cobresia bipartita* (Hab. 1.2 ×)
5. *A. scirpi*, *Trichophorum caespitosum* (Hab. 1.2 ×)
- 6.-7. *A. angulata*, *Carex hirta* (Sp. 1000 × ; Sp. 1000 ×)
- 8.-9. *A. arenaria*, *Carex arenaria* (Sp. 1000 × ; Sp. 1000 ×)
10. *A. aspera*, *Carex chordorrhiza* (Sp. 1000 ×)
- 11.-12. *A. atratae*, *Carex atrata* (Sp. 1000 × ; 1000 ×)



Tafel 2

ANTHRACOIDEA, Cyperaceae

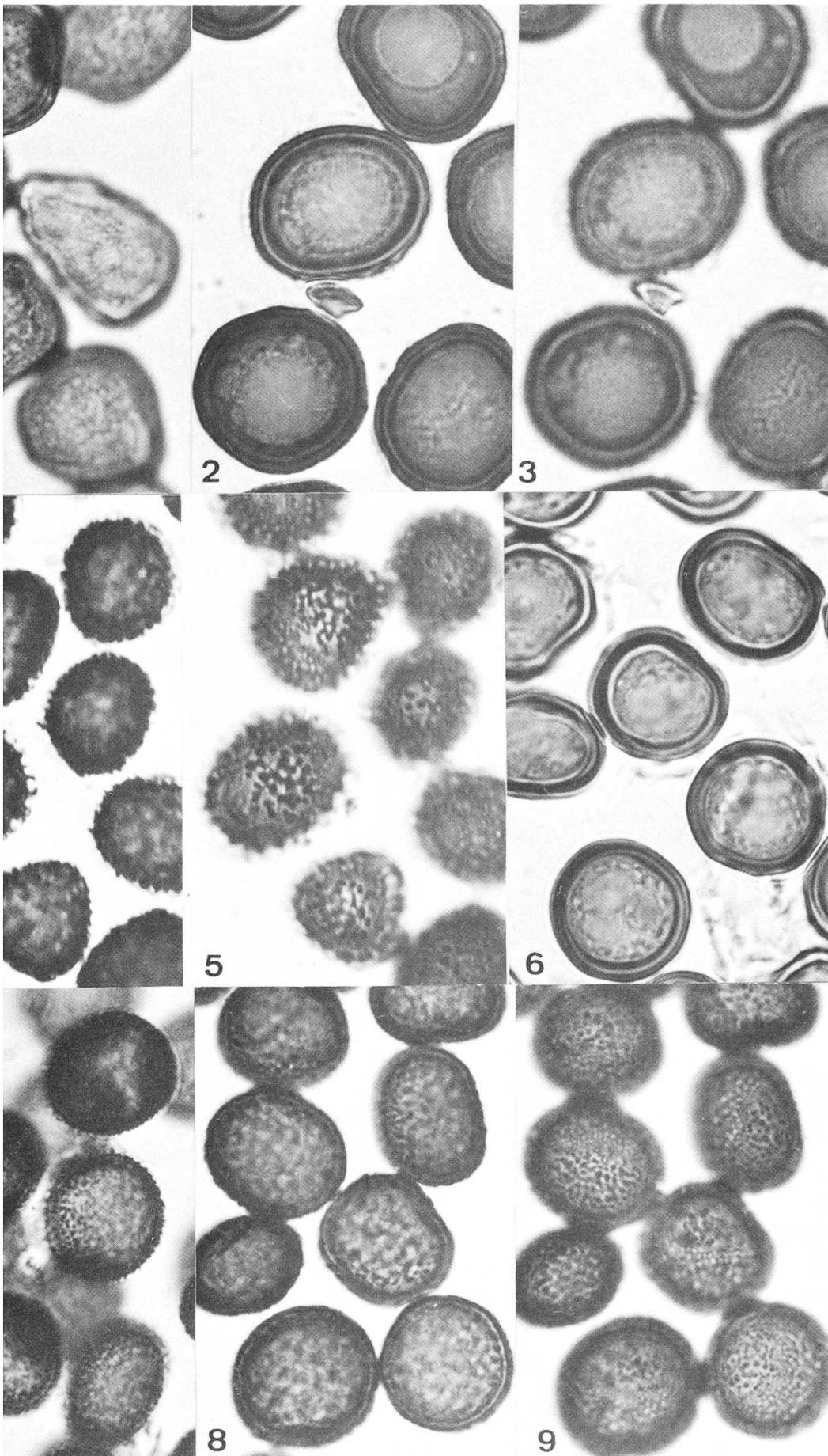
1. *A. baldensis*, *Carex baldensis* (Sp. 1000 ×)
- 2.-3. *A. buxbaumii*, *Carex buxbaumii* (Sp. 1000 × ; Sp. 1000 ×)
- 4.-5. *A. capillaris*, *Carex capillaris* (Sp. 1000 × ; Sp. 1000 ×)
- 6.-7. *A. caricis*, *Carex pilulifera* (Sp. 1000 × ; Sp. 1000 ×)
8. *A. caricis-albae*, *Carex alba* (Sp. 1000 ×)
- 9.-10. *A. caricis-pauciflorae*, *Carex pauciflora* (Sp. 1000 × ; Sp. 1000 ×)



Tafel 3

ANTHRACOIDEA, Cyperaceae

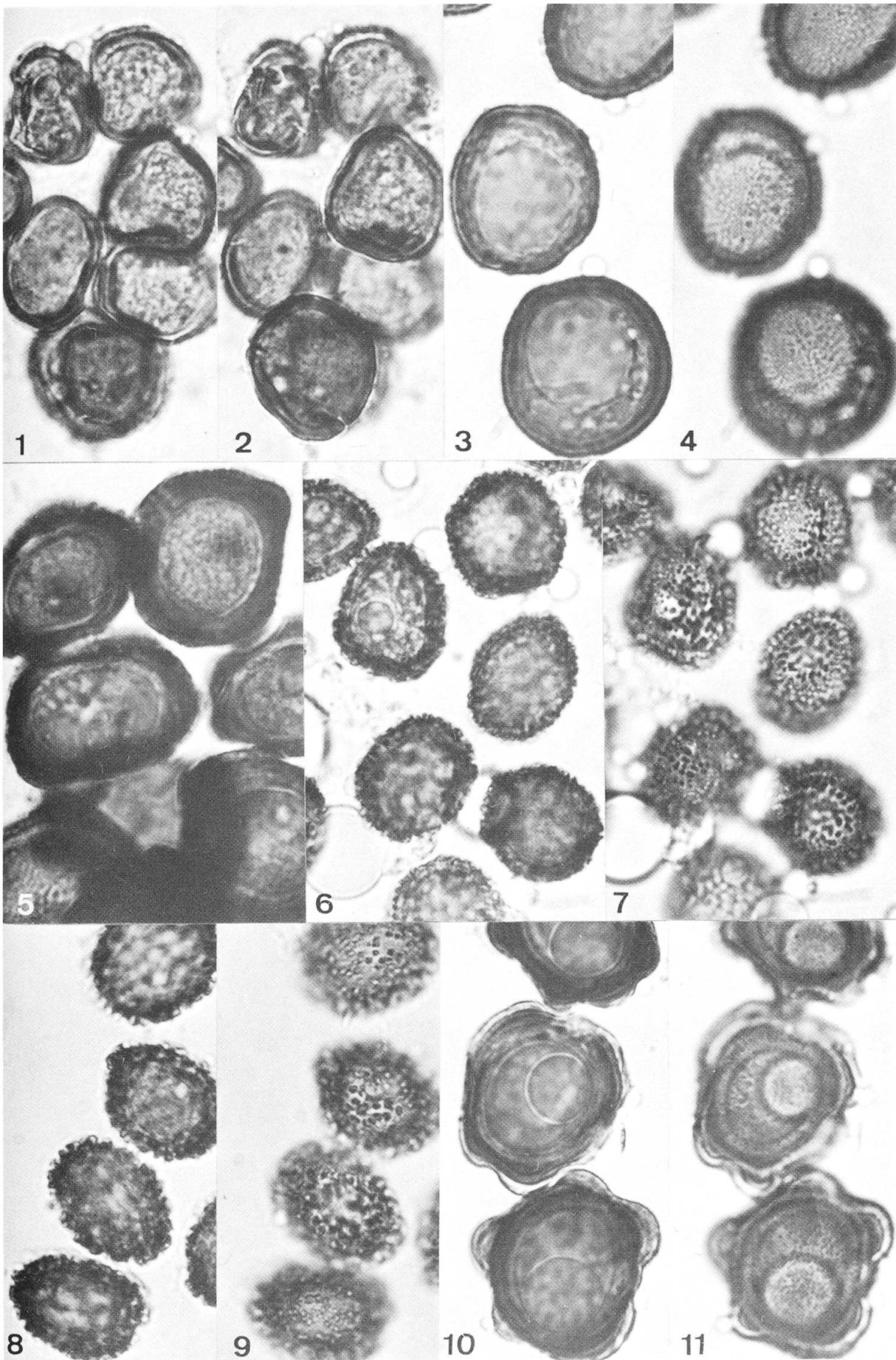
1. *A. caryphylleae*, *Carex verna* (Sp. 1000 ×)
- 2.-3. *A. curvulae*, *Carex curvula* (Sp. 1000 × ; Sp. 1000 ×)
- 4.-5. *A. echinospora*, *Carex gracilis* (Sp. 1000 × ; Sp. 1000 ×)
6. *A. elyinae*, *Elyna myosuroides* (Sp. 1000 ×)
7. *A. fischeri*, *Carex canescens* (Sp. 1000 ×)
- 8.-9. *A. foetidae*, *Carex foetida* (Sp. 1000 × ; Sp. 1000 ×)



Tafel 4

ANTHRACOIDEA, Cyperaceae

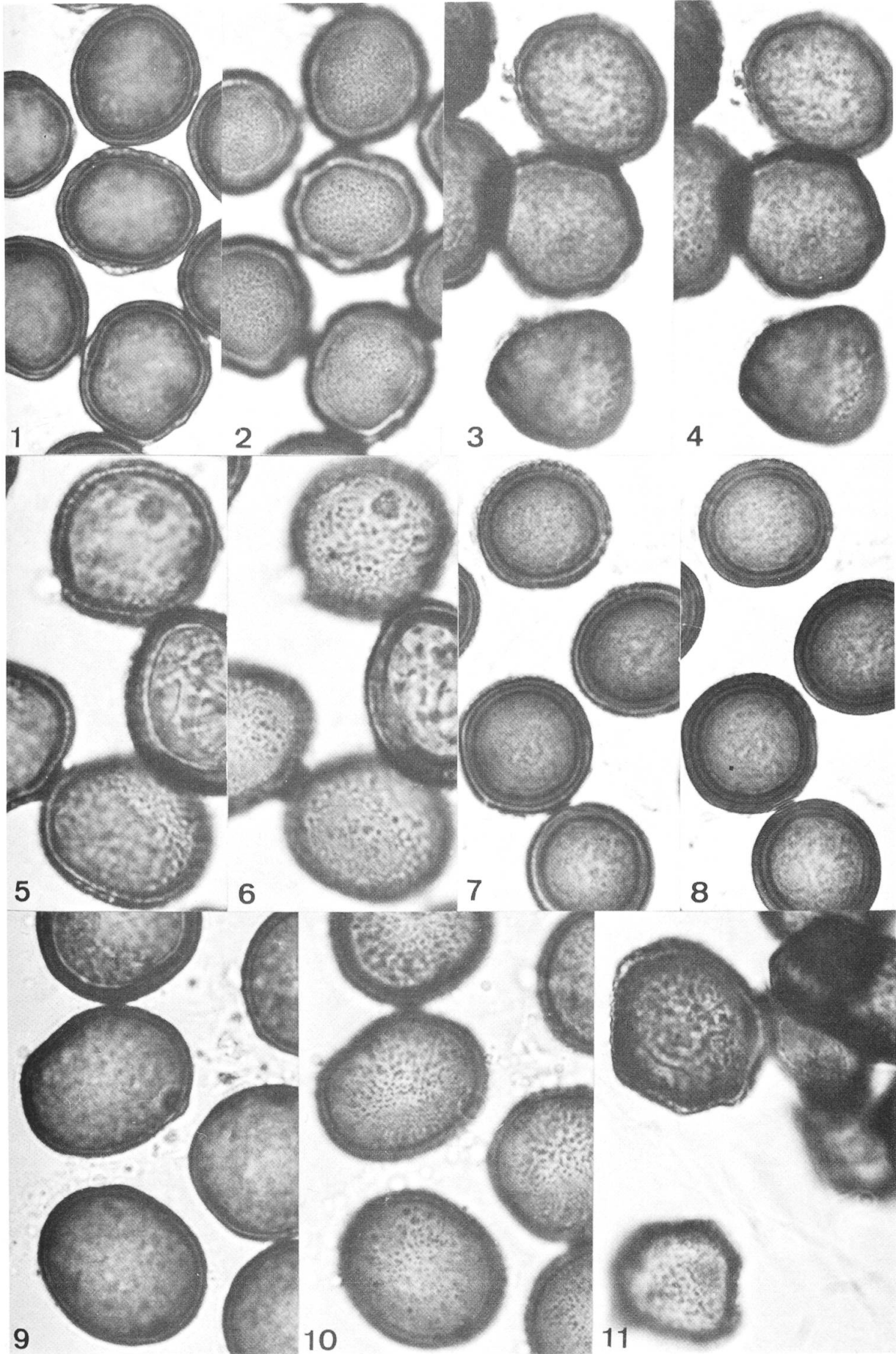
- 1.-2. *A. heterospora*, *Carex fusca* (Sp. 1000 × ; Sp. 1000 ×)
- 3.-4. *A. hostianae*, *Carex hostiana* (Sp. 1000 × ; Sp. 1000 ×)
5. *A. humilis*, *Carex humilis* (Sp. 1000 ×)
- 6.-7. *A. inclusa*, *Carex rostrata* (Sp. 1000 × ; Sp. 1000 ×)
- 8.-9. *A. intercedens*, *Carex lasiocarpa* (Sp. 1000 × ; Sp. 1000 ×)
- 10.-11. *A. irregularis*, *Carex digitata* (Sp. 1000 × ; Sp. 1000 ×)



Tafel 5

ANTHRACOIDEA, Cyperaceae

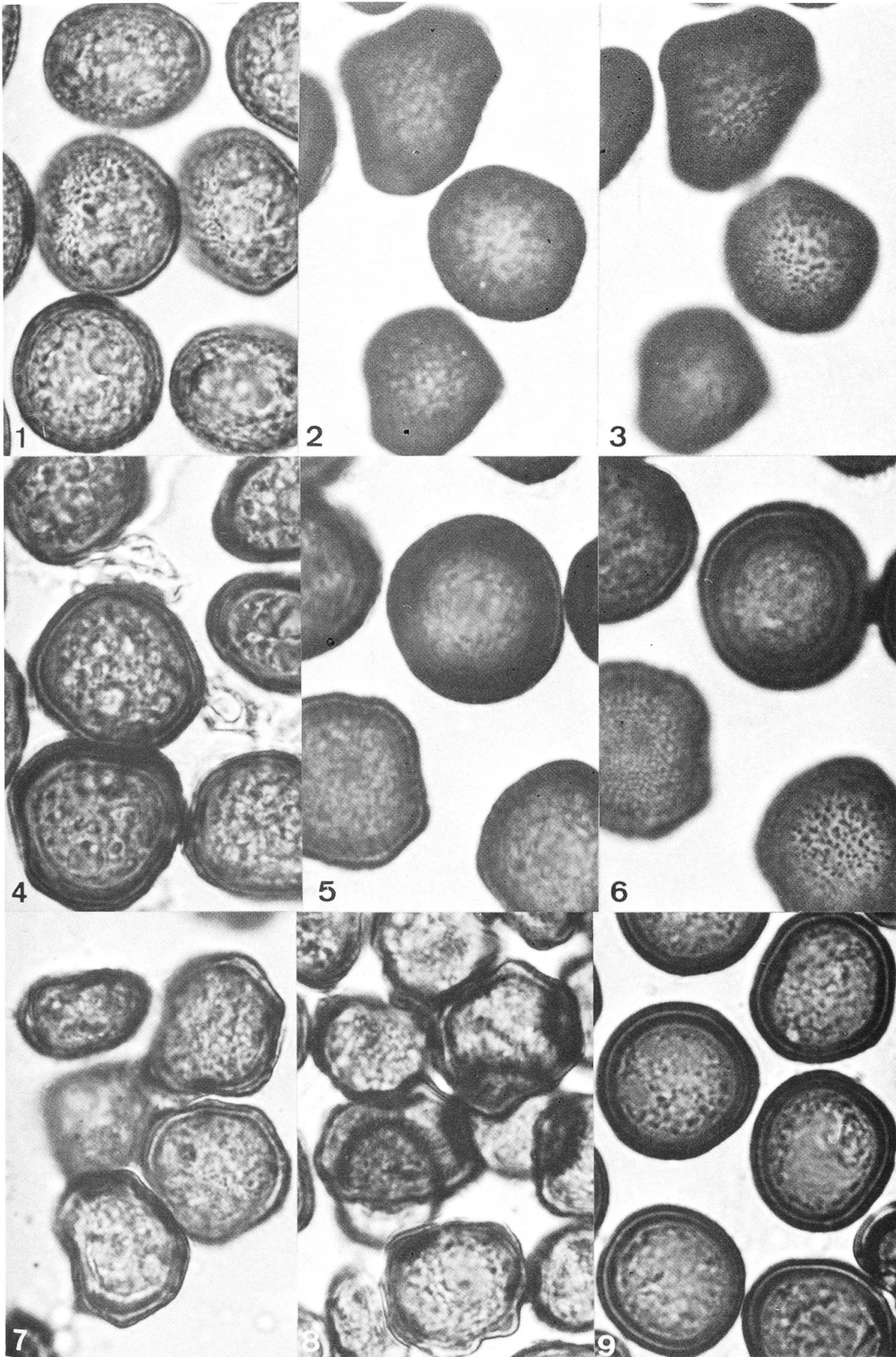
- 1.-2. A. karii, *Carex brunnescens* (Sp. 1000 × ; Sp. 1000 ×)
- 3.-4. A. lasiocarpae, *Carex lasiocarpa* (Sp. 1000 × ; Sp. 1000 ×)
- 5.-6. A. limosa, *Carex limosa* (Sp. 1000 × ; Sp. 1000 ×)
- 7.-8. A. lindebergiae, *Cobresia bipartita* (Sp. 1000 × ; Sp. 1000 ×)
- 9.-10. A. liroi, *Carex fusca* (Sp. 1000 × ; Sp. 1000 ×)
11. A. michelii, *Carex michelii* (Sp. 1000 ×)



Tafel 6

ANTHRACOIDEA, Cyperaceae

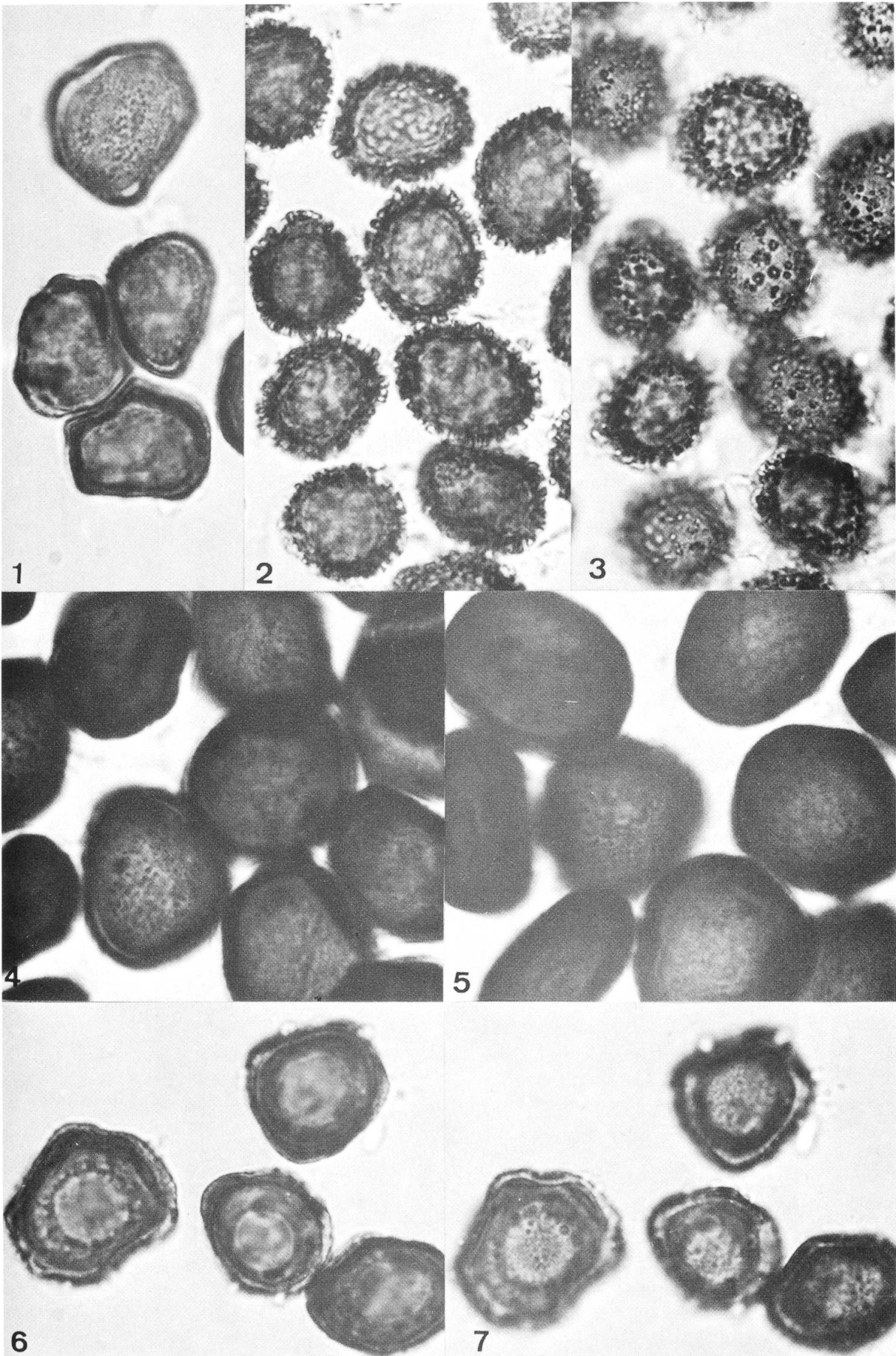
1. *A. misandrae*, *Carex atrofusca* (Sp. 1000 ×)
- 2.-3. *A. paniceae*, *Carex panicea* (Sp. 1000 × ; Sp. 1000 ×)
4. *A. pilosae*, *Carex pilosa* (Sp. 1000 ×)
- 5.-6. *A. pratensis*, *Carex flacca* (Sp. 1000 × ; Sp. 1000 ×)
7. *A. pulicaris*, *Carex pulicaris* (Sp. 1000 ×)
8. *A. rupestris*, *Carex rupestris* (Sp. 1000 ×)
9. *A. scirpi*, *Trichophorum caespitosum* (Sp. 1000 ×)



Tafel 7

ANTHRACOIDEA, Cyperaceae

1. *A. sempervirentis*, *Carex sempervirens* (Sp. 1000 ×)
- 2.-3. *A. subinclusa*, *Carex riparia* (Sp. 1000 × ; Sp. 1000 ×)
4. *A. tomentosae*, *Carex tomentosa* (Sp. 1000 ×)
5. *A. turfosa*, *Carex turfosa* (Sp. 1000 ×)
- 6.-7. *A. vankyi*, *Carex pairaei* (Sp. 1000 × ; Sp. 1000 ×)



Tafel 8

BURRILLIA, CINTRACTIA, ENTORRHIZA

A: BURRILLIA, Alismataceae

- 1.-3. *B. echinodori*, *Echinodorus cordifolius* (Hab. 0.8 × ; Sp.b. 100 × ;
Sp.b. 500 × [Ausschnitt])
- 4.-5. *B. pustulata*, *Sagittaria variabilis* (Sp.b. 100 × ; Sp.b. 500 ×
[Ausschnitt])

BURRILLIA, Scrophulariaceae

- 6.-8. *B. limosellae*, *Limosella aquatica* (Hab. 1.2 × ; Sp.b. 100 × ;
Sp.b. 500 × [Ausschnitt])

B: CINTRACTIA, Cyperaceae

- 1.-2. *C. axicola*, *Fimbristylis autumnalis* (Hab. 2.7 × ; Sp. 1000 ×)

CINTRACTIA, Juncaceae

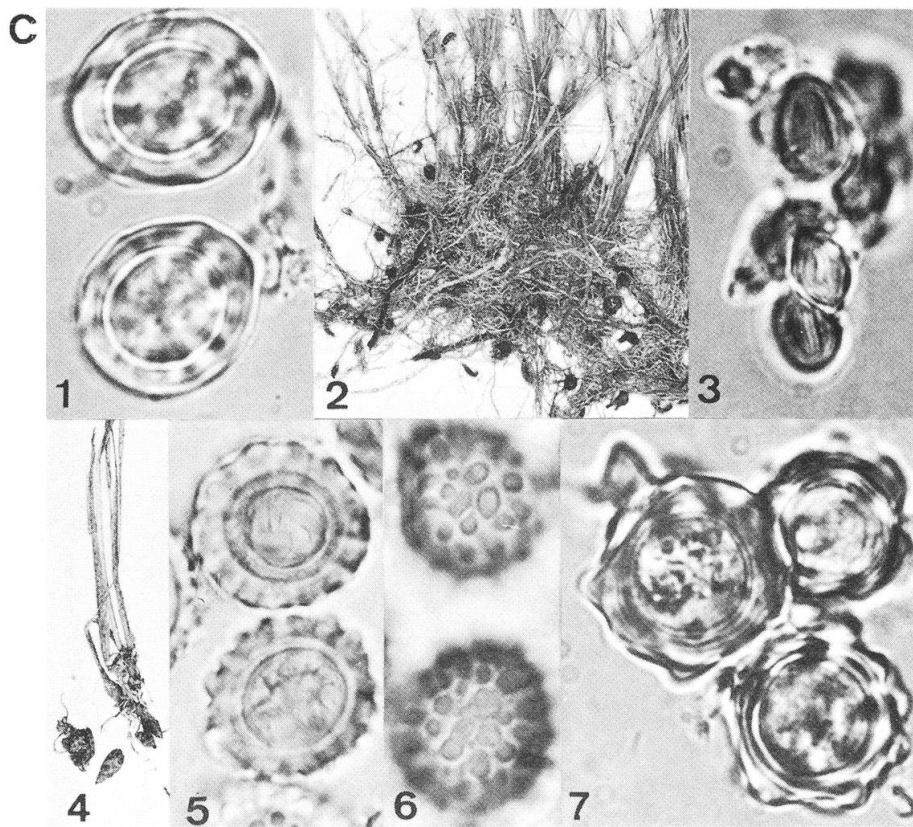
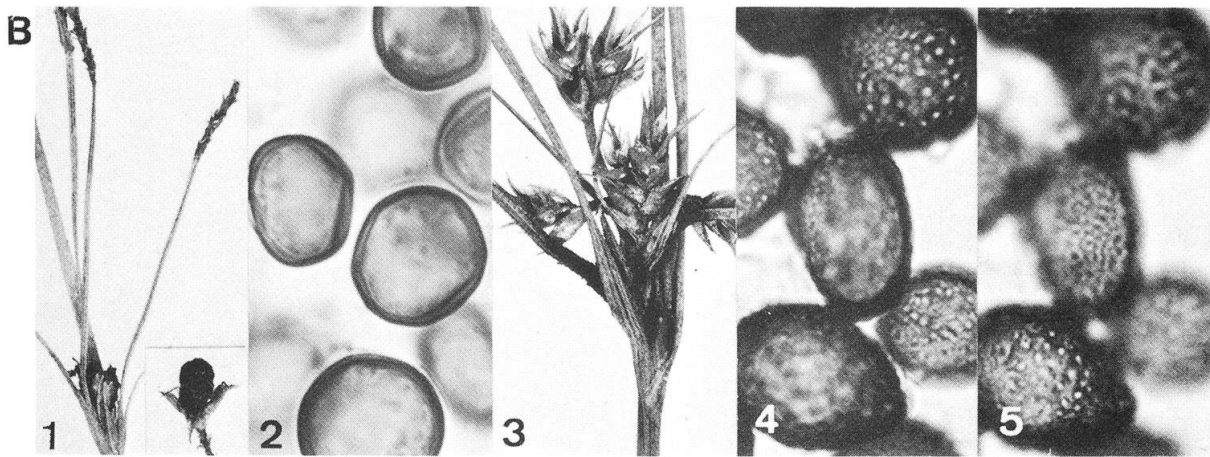
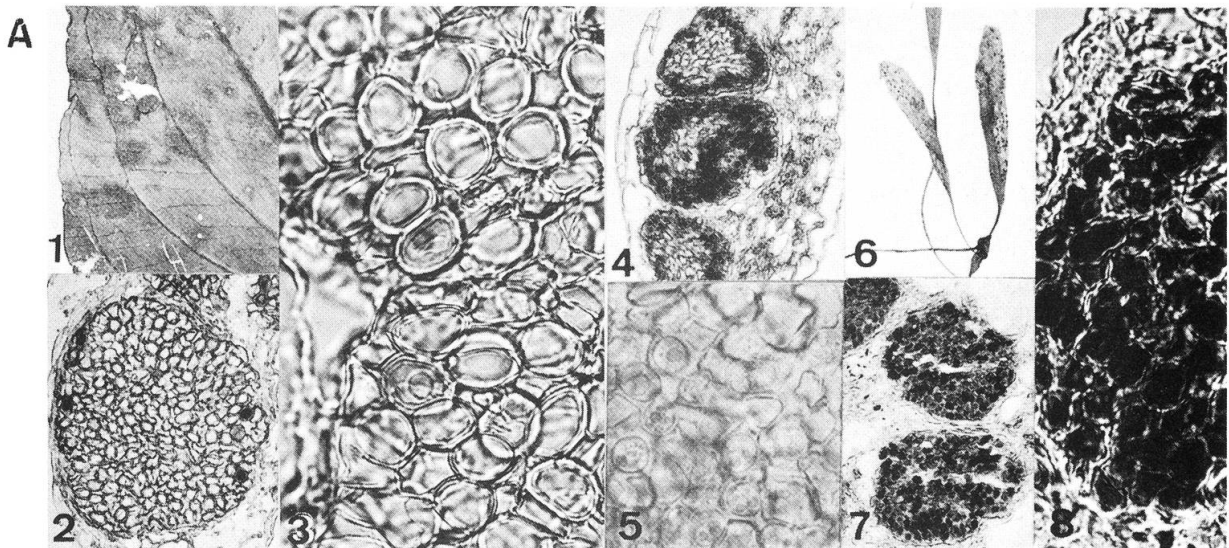
- 3.-5. *C. junci*, *Juncus bufonius* (Hab. 2.3 × ; Sp. 1000 × ; Sp. 1000 ×)

C: ENTORRHIZA, Cyperaceae

1. *E. cypericola*, *Cyperus flavescens* (Sp. 1000 ×)
- 2.-3. *E. scirpicola*, *Scirpus parvulus* (Hab. 0.7 × ; Sp. 1000 ×)

ENTORRHIZA, Juncaceae

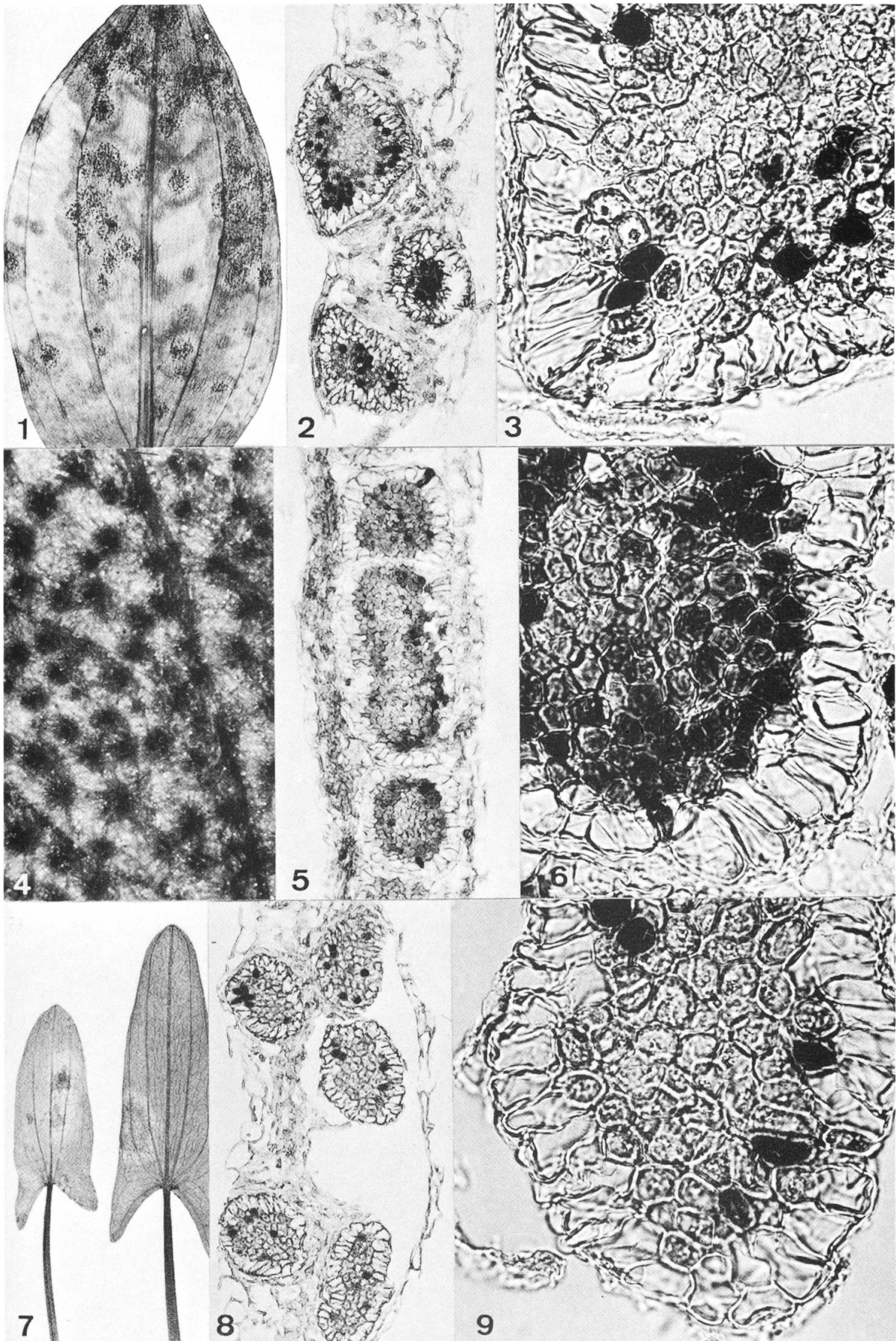
- 4.-6. *E. aschersoniana*, *Juncus bufonius* (Hab. 1.0 × ; Sp. 1000 × ; Sp. 1000 ×)
7. *E. casparyana*, *Juncus alpinus* (Sp. 1000 ×)



Tafel 9

DOASSANSIA, Alismataceae

- 1.-3. *D. alismatis*, *Alisma plantago-aquatica* (Hab. 1.1 × ; Sp.b. 100 × ;
Sp.b. 500 × [Ausschnitt])
- 4.-6. *D. opaca*, *Sagittaria latifolia* (Hab. 33 × ; Sp.b. 100 × ;
Sp.b. 500 × [Ausschnitt])
- 7.-9. *D. sagittariae*, *Sagittaria sagittifolia* (Hab. 1.1 × ; Sp.b. 100 × ;
Sp.b. 500 × [Ausschnitt])



Tafel 10

DOASSANSIA, Butomaceae

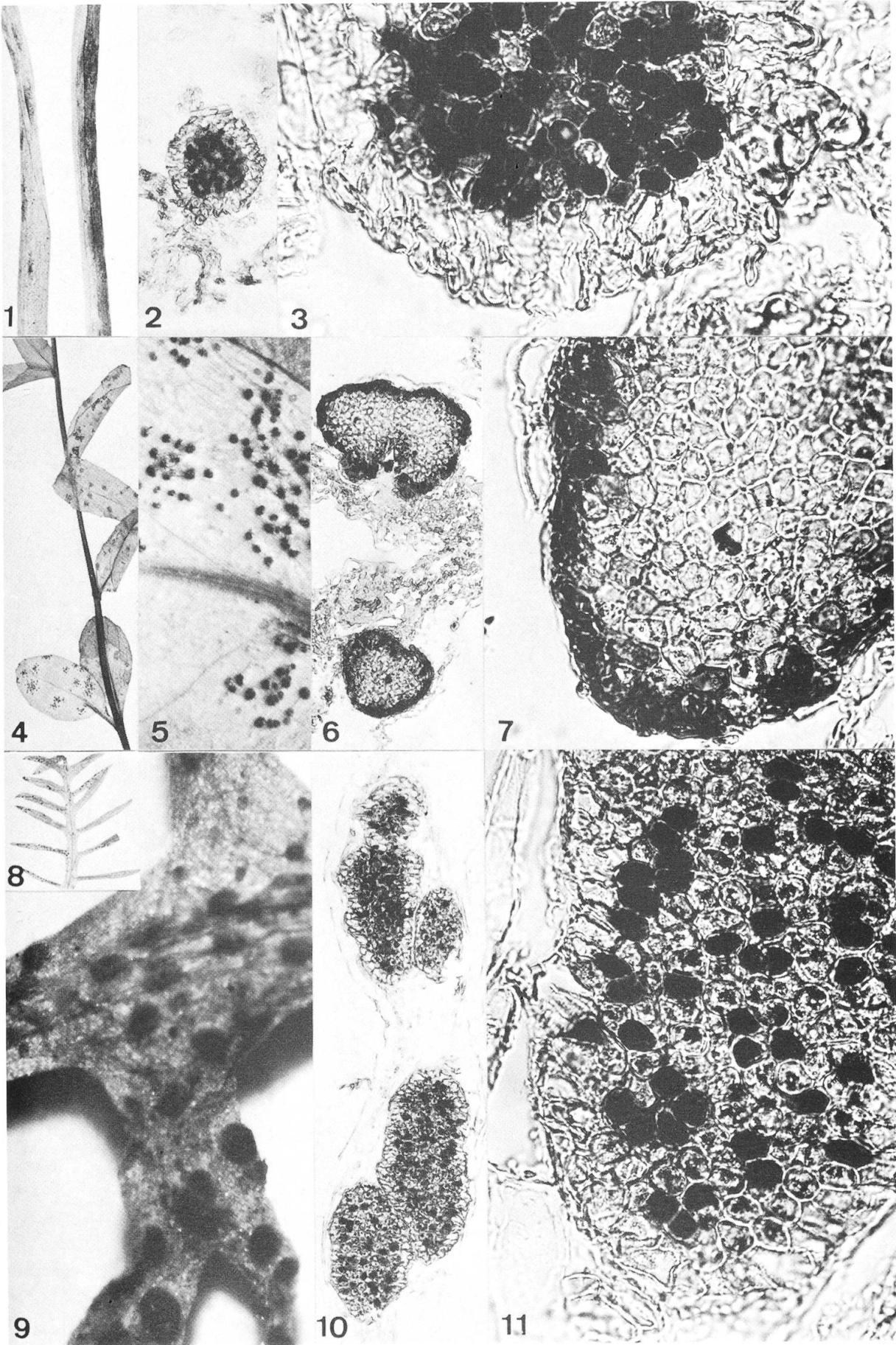
- 1.-3. *D. punctiformis*, *Butomus umbellatus* (Hab. 1.0 × ; Sp.b. 100 × ;
Sp.b. 500 × [Ausschnitt])

DOASSANSIA, Oenotheraceae

- 4.-7. *D. epilobii*, *Epilobium oregonense* (Hab. 1.0 × ; Hab. 8.0 × ; Sp.b. 100 × ;
Sp.b. 500 × [Ausschnitt])

DOASSANSIA, Primulaceae

- 8.-11. *D. hottoniae*, *Hottonia palustris* (Hab. 1.1 × ; Hab. 33 × ; Sp.b. 100 × ;
Sp.b. 500 × [Ausschnitt])



Tafel 11

DOASSANSIOPSIS, Potamogetonaceae

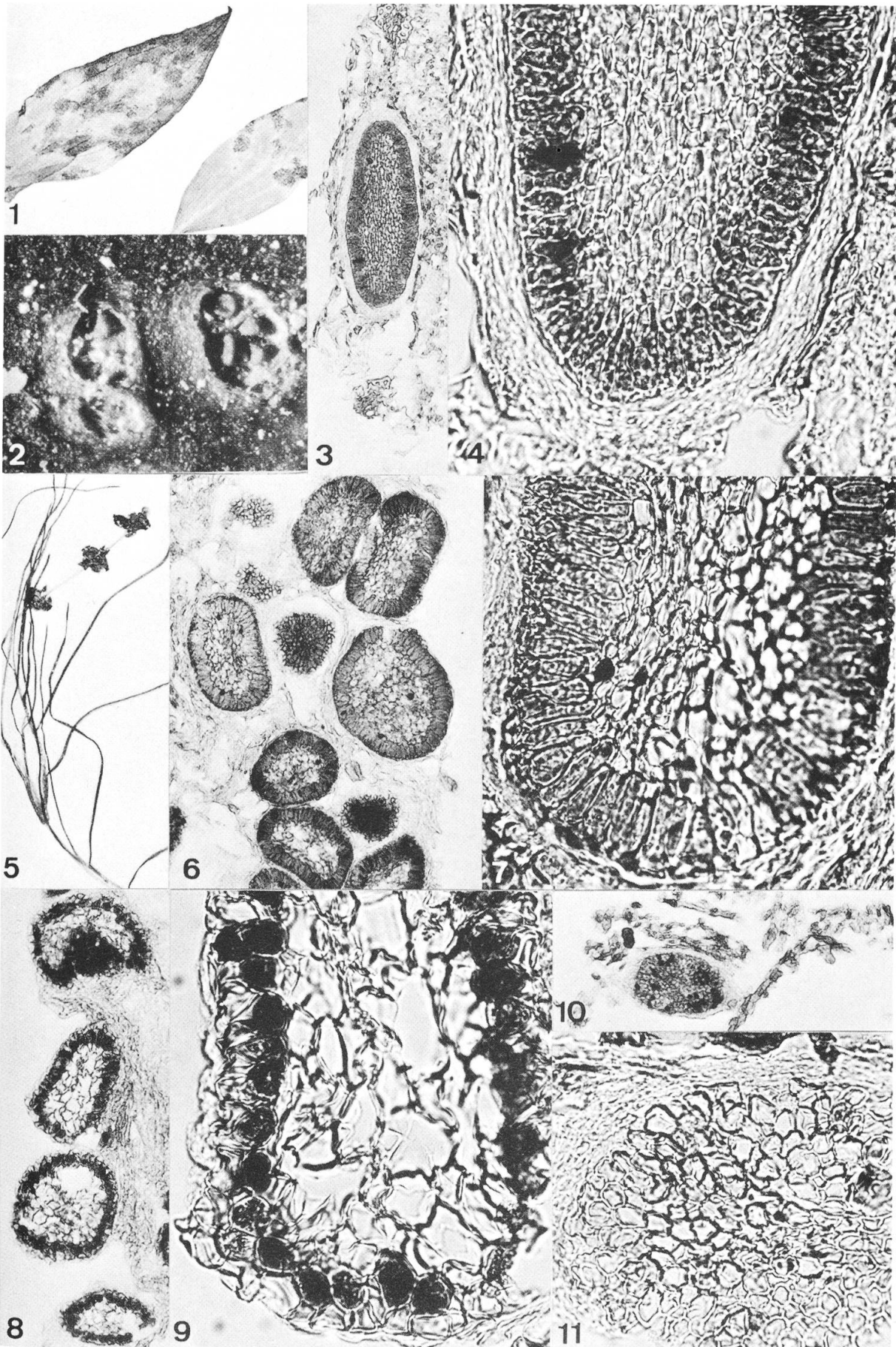
1.-4. *D. hydrophila*, *Potamogeton natans* (Hab. 1.1 × ; Hab. 18 × ; Sp.b. 100 × ;
Sp.b. 500 × [Ausschnitt])

5.-7. *D. occulta*, *Potamogeton perfoliatum* (Hab. 1.1 × ; Sp.b. 100 × ;
Sp.b. 500 × [Ausschnitt])

DOASSANSIOPSIS, Alismataceae

8.-9. *D. deformans*, *Sagittaria variabilis* (Sp.b. 100 × ; Sp.b. 500 ×
[Ausschnitt])

10.-11. *D. intermedia*, *Sagittaria variabilis* (Sp.b. 100 × ; Sp.b. 500 ×
[Ausschnitt])



Tafel 12

ENTYLOMA, Gramineae

1. *E. brefeldi*, *Holcus mollis* (Sp. 1000 ×)

2.-3. *E. dacylidis*, *Alopecurus pratensis* (Hab. 1.2 × ; Sp. 1000 ×)

ENTYLOMA, Nymphaeaceae

4.-5. *E. nymphaeae*, *Nymphaea alba* (Hab. 0.4 × ; Sp. 1000 ×)

ENTYLOMA, Ranunculaceae

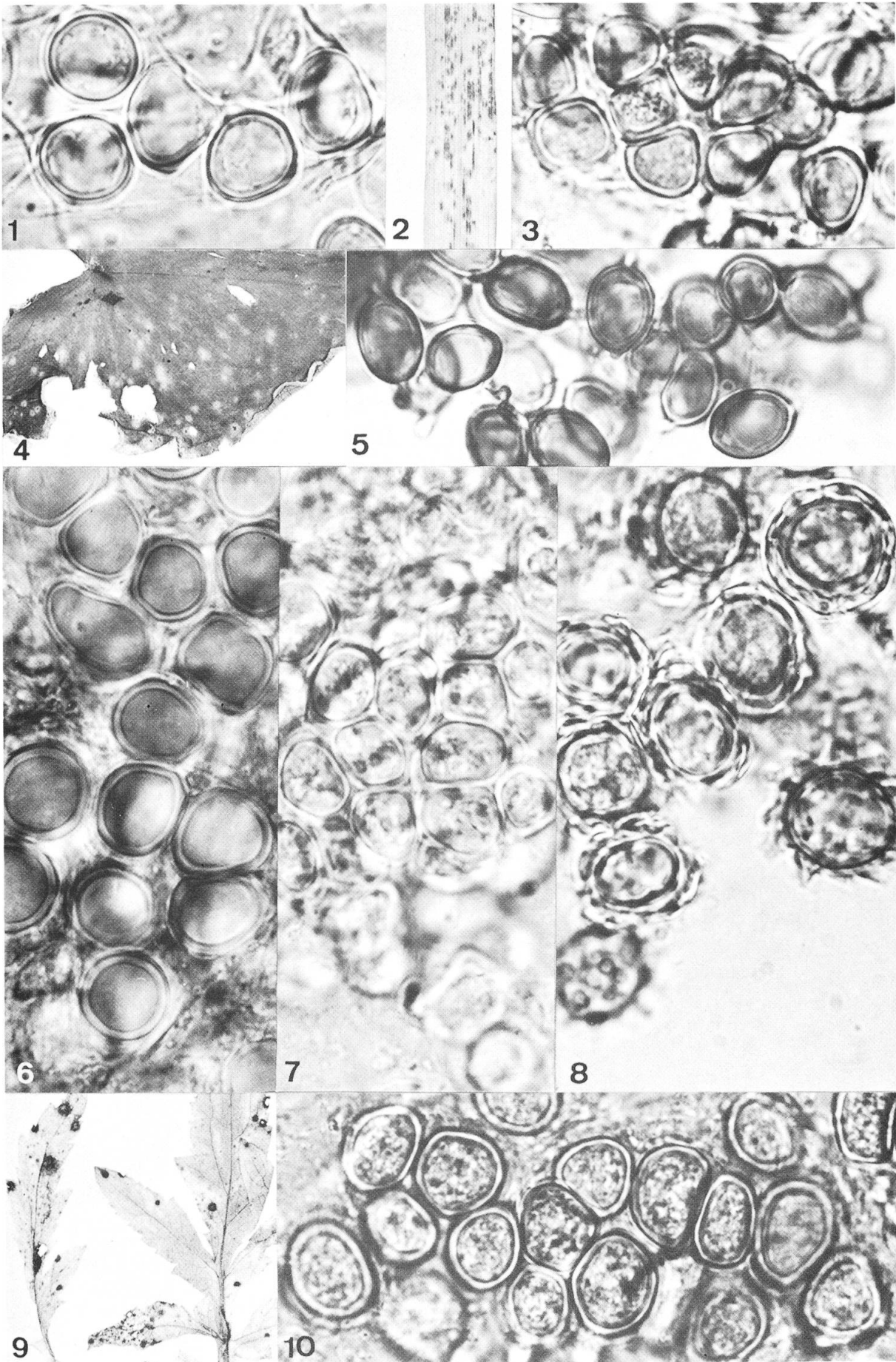
6. *E. ficariae*, *Ranunculus ficaria* (Sp. 1000 ×)

7. *E. microsporum*, *Ranunculus repens* (Sp. 1000 ×)

8. *E. verruculosum*, *Ranunculus velutinus* (Sp. 1000 ×)

ENTYLOMA, Papaveraceae

9.-10. *E. fuscum*, *Papaver rhoeas* (Hab. 0.5 × ; Sp. 1000 ×)



Tafel 13

ENTYLOMA, Fumariaceae

1. E. corydalis, *Corydalis cava* (Sp. 1000 ×)
2. E. fumariae, *Fumaria agraria* (Sp. 1000 ×)
- 3.-4. E. urocystoides, *Corydalis cava* (Hab. 1.1 × ; Sp. 1000 ×)

ENTYLOMA, Saxifragaceae

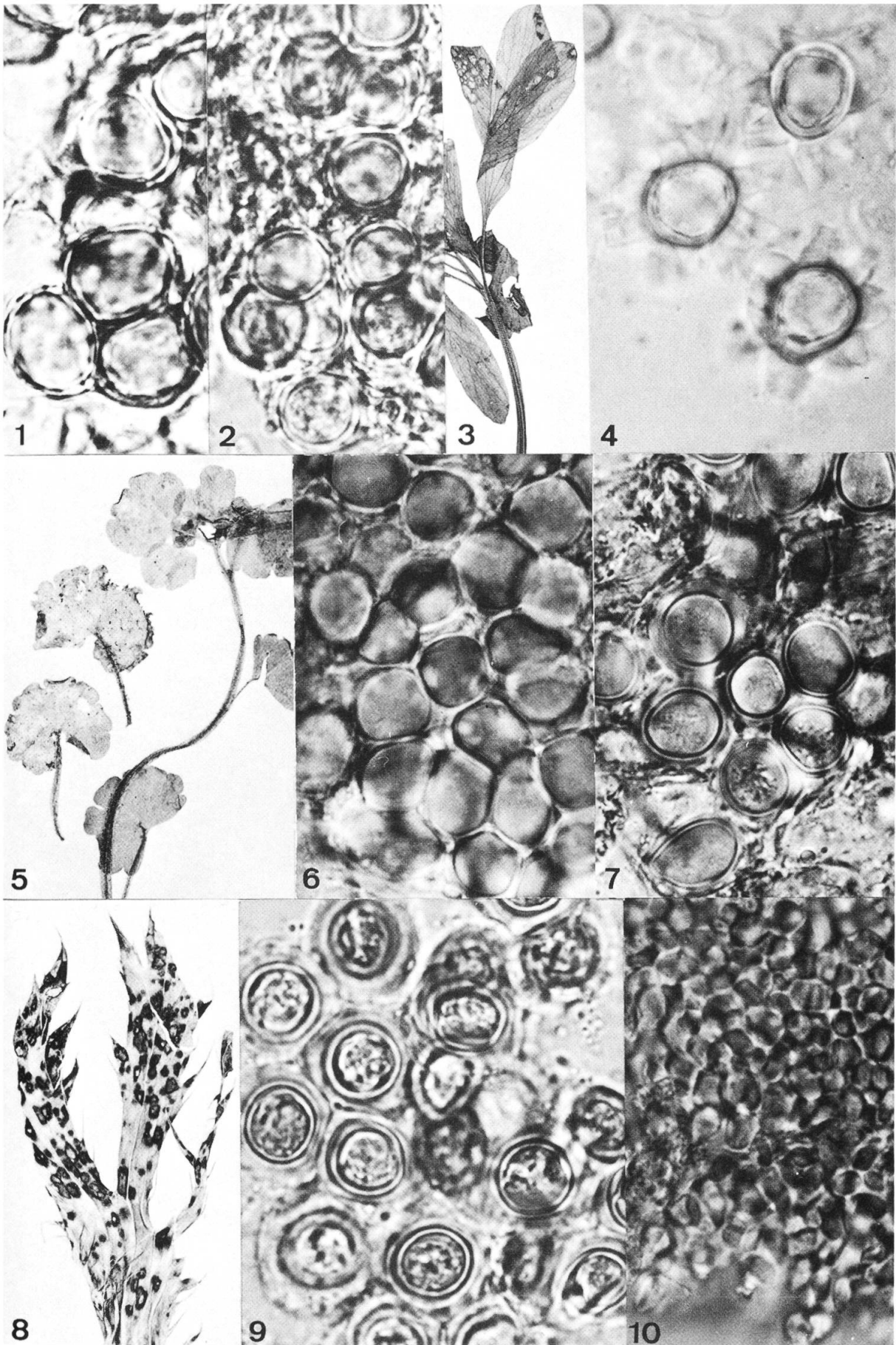
- 5.-6. E. chrysosplenii, *Chrysosplenium alternifolium* (Hab. 1.1 × ; Sp. 1000 ×)

ENTYLOMA, Linaceae

7. E. terrieri, *Radiola linoides* (Sp. 1000 ×)

ENTYLOMA, Umbelliferae

8. E. eryngii, *Eryngium alpinum* (Hab. 1.1 ×)
9. E. eryngii, *Eryngium campestre* (Sp. 1000 ×)
10. E. helosciadii, *Apium nodiflorum* (Sp. 1000 ×)



Tafel 14

ENTYLOMA, Primulaceae

1. E. henningsianum, *Samolus valerandi* (Sp. 1000 ×)

ENTYLOMA, Boraginaceae

2. E. fergussonii, *Myosotis stricta* (Hab. 0.9 ×)
3. E. fergussonii, *Myosotis silvatica* (Sp. 1000 ×)
4. E. fergussonii, *Symphytum officinale* (Sp. 1000 ×)

ENTYLOMA, Solanaceae

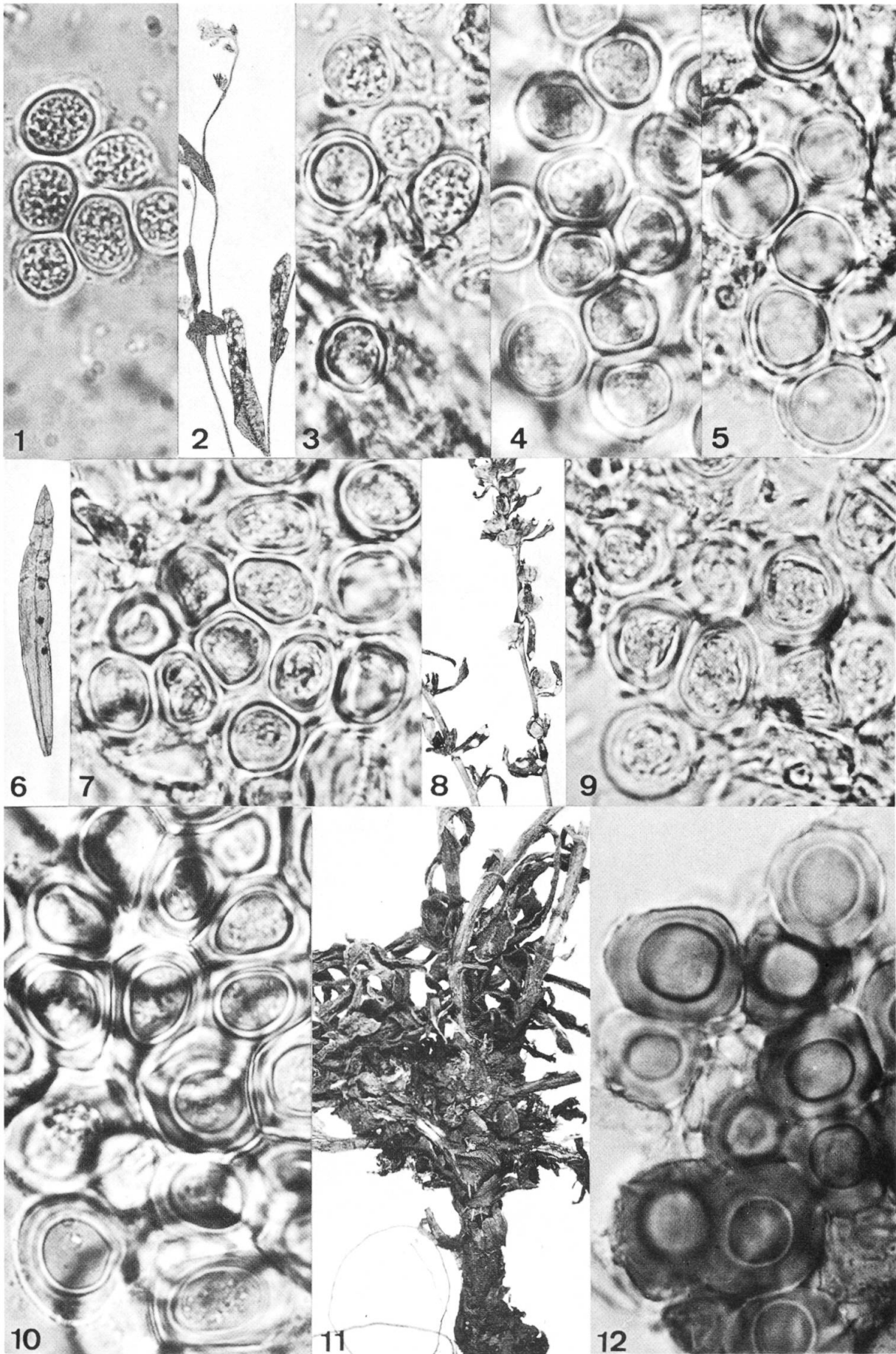
5. E. australe, *Physalis subglabrata* (Sp. 1000 ×)

ENTYLOMA, Scrophulariaceae

- 6.-7. E. linariae, *Linaria vulgaris* (Hab. 0.9 × ; Sp. 1000 ×)
- 8.-9. E. veronicae, *Veronica anagallis-aquatica* (Hab. 0.8 × ; Sp. 1000 ×)

ENTYLOMA, Compositae, Stengel- und Wurzelgallen

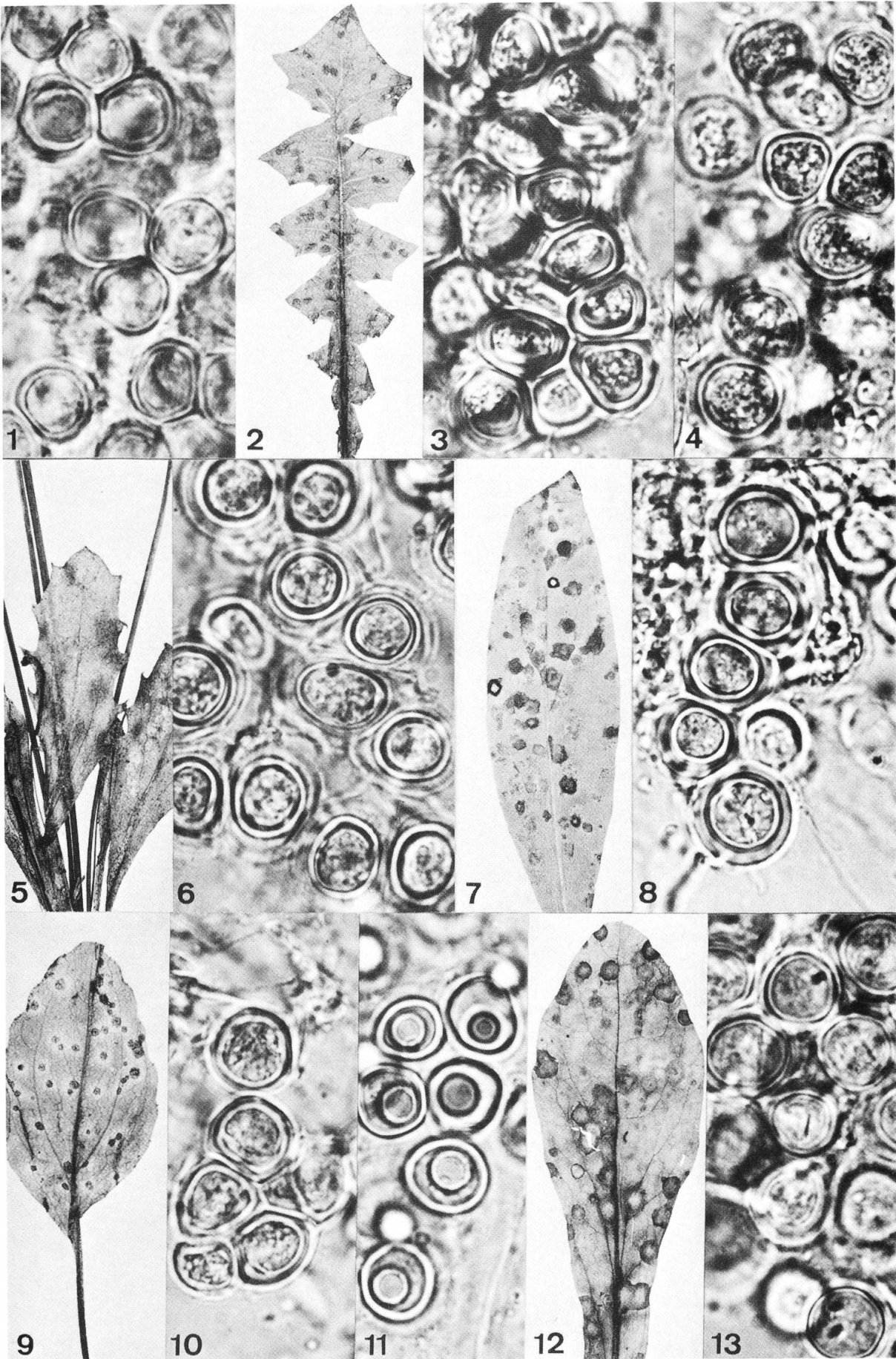
10. E. magnusii, *Gnaphalium uliginosum* (Sp. 1000 ×)
- 11.-12. E. aschersonii, *Helichrysum arenarium* (Hab. 0.9 × ; Sp. 1000 ×)



Tafel 15

ENTYLOMA, Compositae, Blattflecken

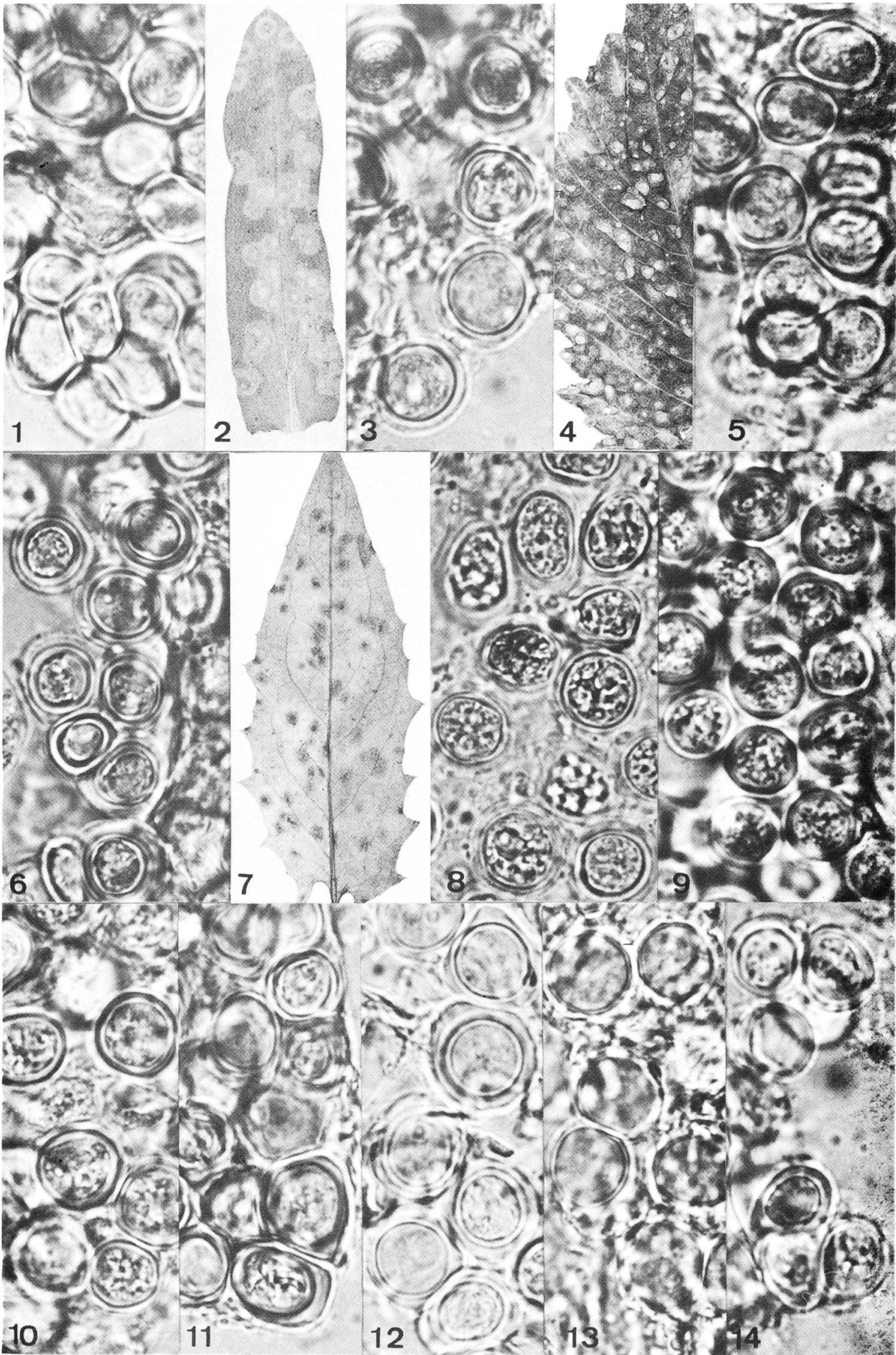
1. E. achilleae, *Achillea millefolium* (Sp. 1000 ×)
- 2.-3. E. aposeridis, *Aposeris foetida* (Hab. 0.5 × ; Sp. 1000 ×)
4. E. arnicale, *Arnica montana* (Sp. 1000 ×)
- 5.-6. E. arnoseridis, *Arnoseris minima* (Hab. 0.8 × ; Sp. 1000 ×)
7. E. asteris-alpini, *Aster adscendens* (Hab. 0.7 ×)
8. E. asteris-alpini, *Aster alpinus* (Sp. 1000 ×)
- 9.-10. E. bellidiastri, *Bellidiastrum michelii* (Hab. 0.7 × ; Sp. 1000 ×)
11. E. bellidis, *Bellis perennis* (Sp. 1000 ×)
- 12.-13. E. calendulae, *Calendula officinalis* (Hab. 0.5 × ; Sp. 1000 ×)



Tafel 16

ENTYLOMA, Compositae, Blattflecken

1. E. cichorii, *Cichorium intybus* (Sp. 1000 ×)
2. E. compositarum, *Gaillardia grandiflora* cult. (Hab. 0.8 ×)
3. E. compositarum, *Gaillardia lanceolata* (Sp. 1000 ×)
- 4.-5. E. dahliae, *Dahlia pinnata* cult. (Hab. 0.6 × ; Sp. 1000 ×)
6. E. erigerontis, *Erigeron uniflorus* (Sp. 1000 ×)
- 7.-8. E. hieracii, *Hieracium murorum* (Hab. 0.6 × ; Sp. 1000 ×)
9. E. leontodontis, *Leontodon hastatilis* (Sp. 1000 ×)
10. E. matricariae, *Tripleurospermum inodorum* (Sp. 1000 ×)
11. E. picridis, *Picris hieracioides* (Sp. 1000 ×)
12. E. scalianum, *Chrysanthemum coronarium* (Sp. 1000 ×)
13. E. tanacetii, *Chrysanthemum vulgare* (Sp. 1000 ×)
14. E. tragopogi, *Tragopogon pratensis* (Sp. 1000 ×)



Tafel 17

FARYSIA, GLOMOSPORIUM, MELANOPSICHIUM

A: FARYSIA, Cyperaceae

- 1.-3. *F. thuemarii*, *Carex riparia* (Hab. 1.0 × ; Sp. 1000 × ; Sporenreihen mit sterilen Hyphenbündeln 1000 ×)

B: GLOMOSPORIUM, Chenopodiaceae

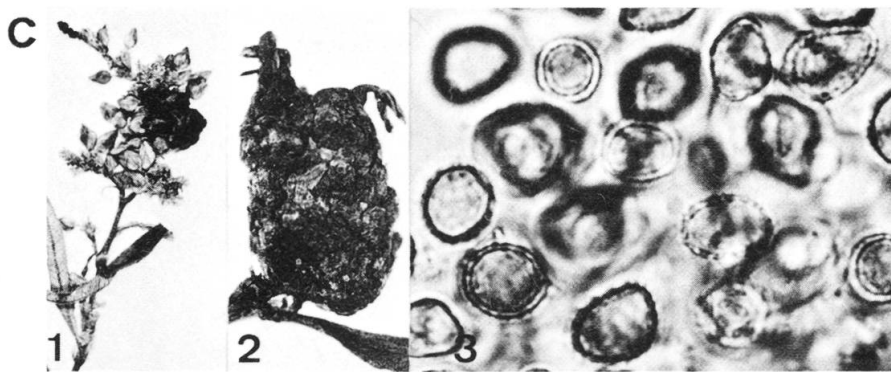
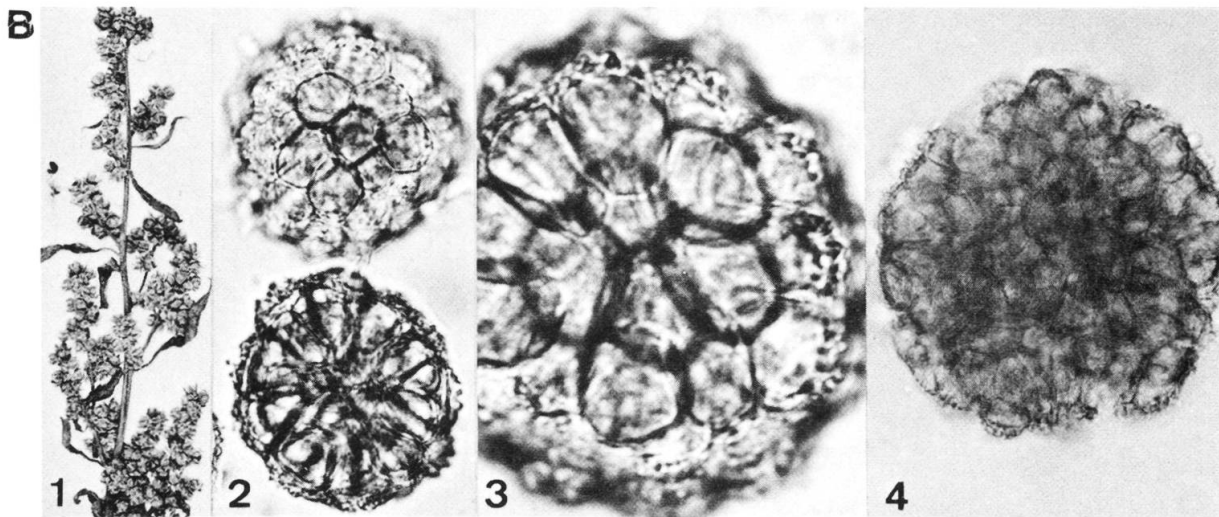
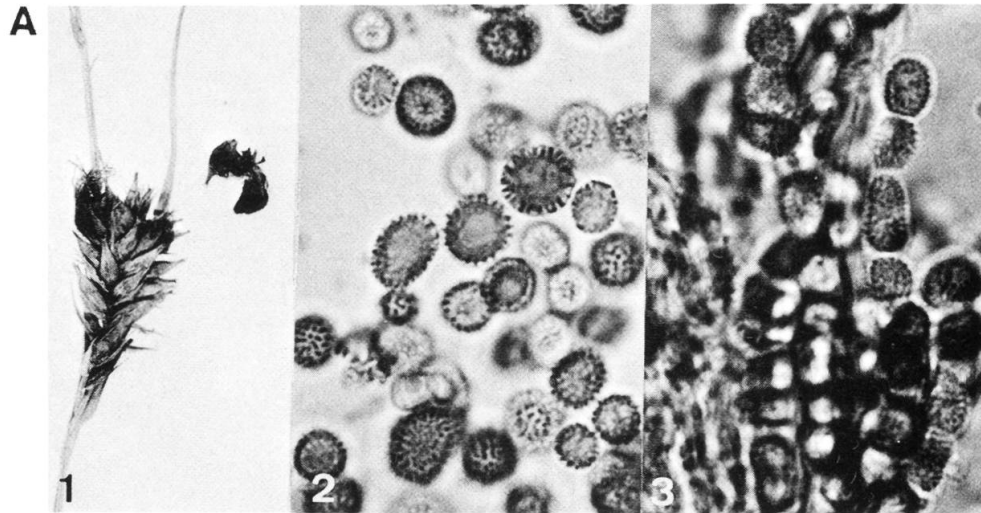
- 1.-3. *G. leptideum*, *Chenopodium album* (Hab. 1.0 × ; Sp.b. 500 × ; Sp.b. 1000 ×)

GLOMOSPORIUM, Amaranthaceae

4. *G. amaranthi*, *Amaranthus retroflexus* (Sp.b. 400 ×)

C: MELANOPSICHIUM, Polygonaceae

- 1.-3. *M. pennsylvanicum*, *Polygonum lapathifolium* (Hab. 0.9 × ; Hab. 2.7 × ; Sp. 1000 ×)



Tafel 18

MELANOTAENIUM, MOESZIOMYCES

A: MELANOTAENIUM, Araceae

1.-2. *M. ari*, *Arum maculatum* (Hab. 0.8 × ; Sp. 1000 ×)

MELANOTAENIUM, Scrophulariaceae

3.-4. *M. cingens*, *Linaria vulgaris* (Hab. 1.1 × ; Sp. 1000 ×)

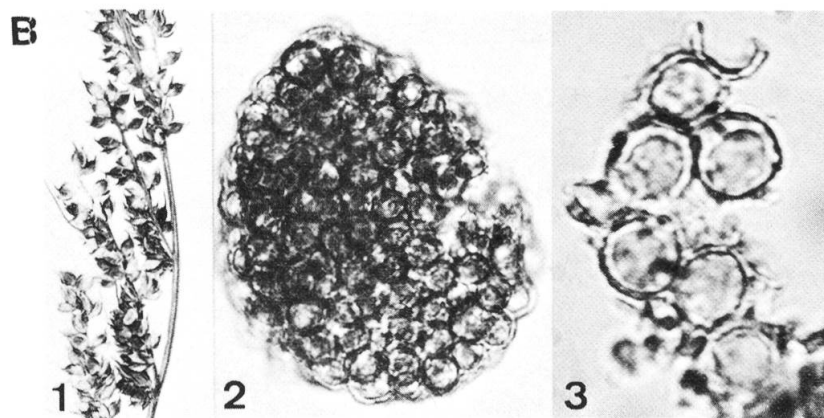
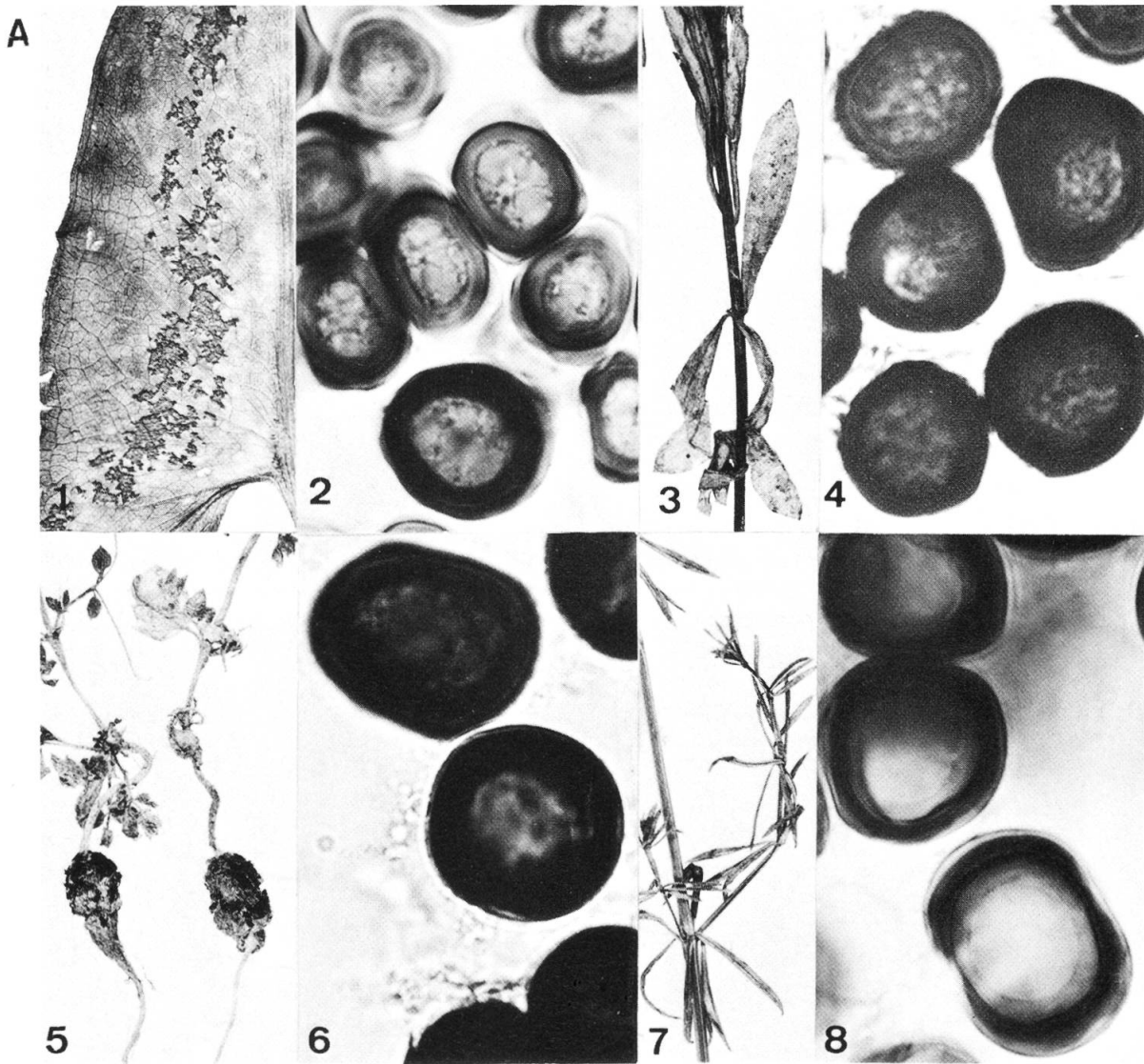
5.-6. *M. hypogaeum*, *Linaria spuria* (Hab. 1.1 × ; Sp. 1000 ×)

MELANOTAENIUM, Rubiaceae

7.-8. *M. endogenum*, *Galium mollugo* (Hab. 1.1 × ; Sp. 1000 ×)

B: MOESZIOMYCES, Gramineae

1.-3. *M. bullatus*, *Echinochloa crus-galli* (Hab. 0.9 × ; Sp.b. 500 × ;
Sporengruppe 1000 ×)



Tafel 19

NANNFELDTIOMYCES, NEOVOSSIA, ORPHANOMYCES, PSEUDODOASSANSIA

A: NANNFELDTIOMYCES, Sparganiaceae

- 1.-3. *N. sparganii*, *Sparganium ramosum* (Hab. 2.0 × ; Sp.b. 100 ×
[Phot. K. Vánky]; Sp. 1000 × [Phot. K. Vánky])

B: NEOVOSSIA, Gramineae

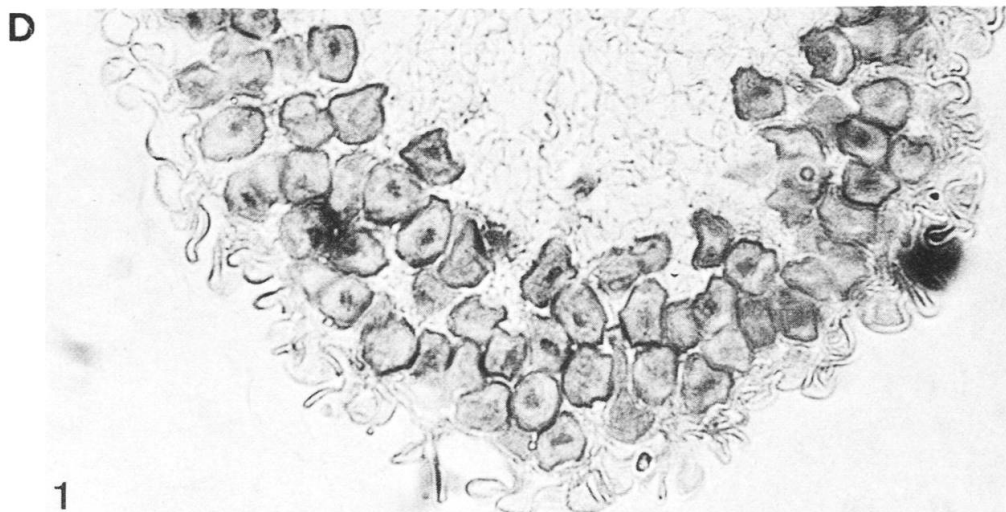
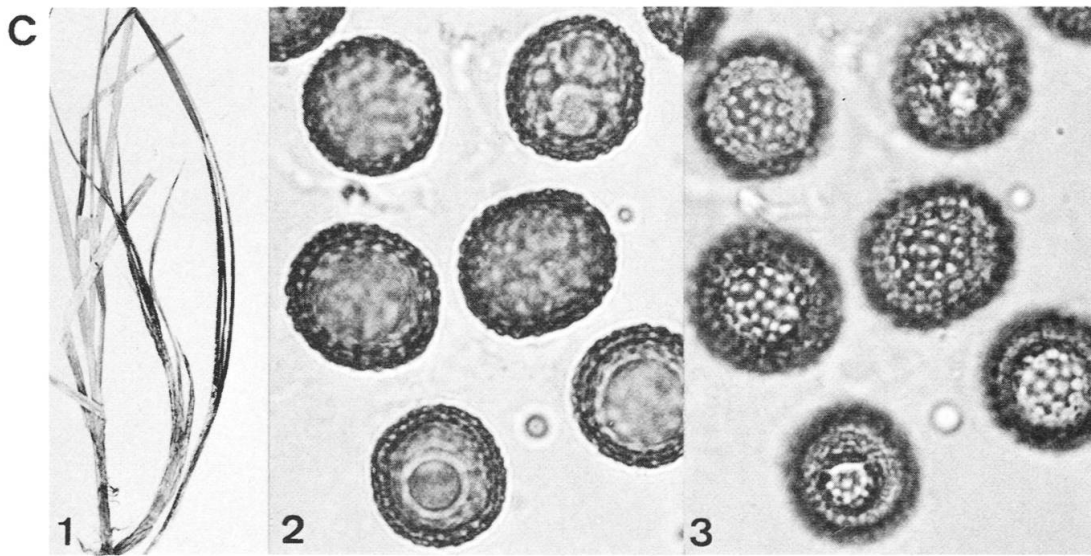
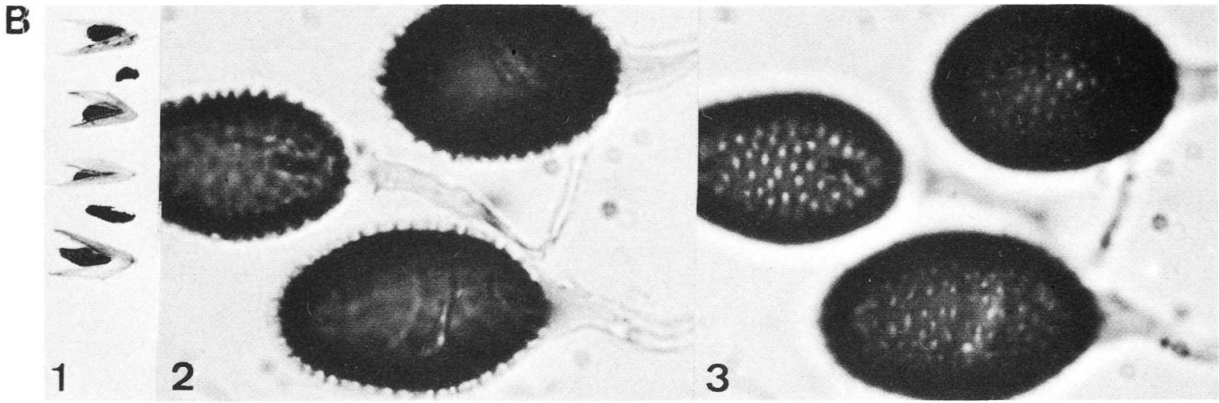
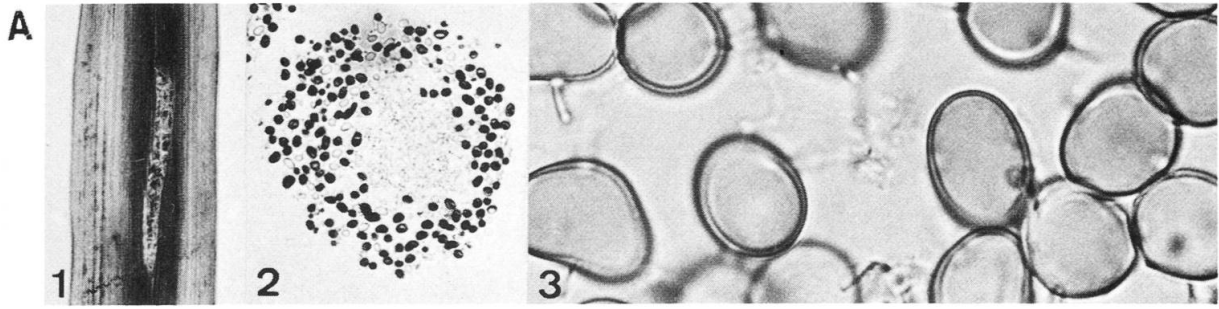
- 1.-3. *N. molinae*, *Molinia coerulea* (Hab. 1.8 × ; Sp. 1000 × ; Sp. 1000 ×)

C: ORPHANOMYCES, Cyperaceae

- 1.-3. *O. arcticus*, *Carex brunnescens* (Hab. 0.5 × ; Sp. 1000 × ; Sp. 1000 ×)

D: PSEUDODOASSANSIA, Alismataceae

1. *P. obscura*, *Sagittaria latifolia* (Sp.b. [Ausschnitt] 700 ×
[Phot. K. Vánky])



Tafel 20

SCHIZONELLA, SCHROETERIA, SOROSPORIUM

A: SCHIZONELLA, Cyperaceae

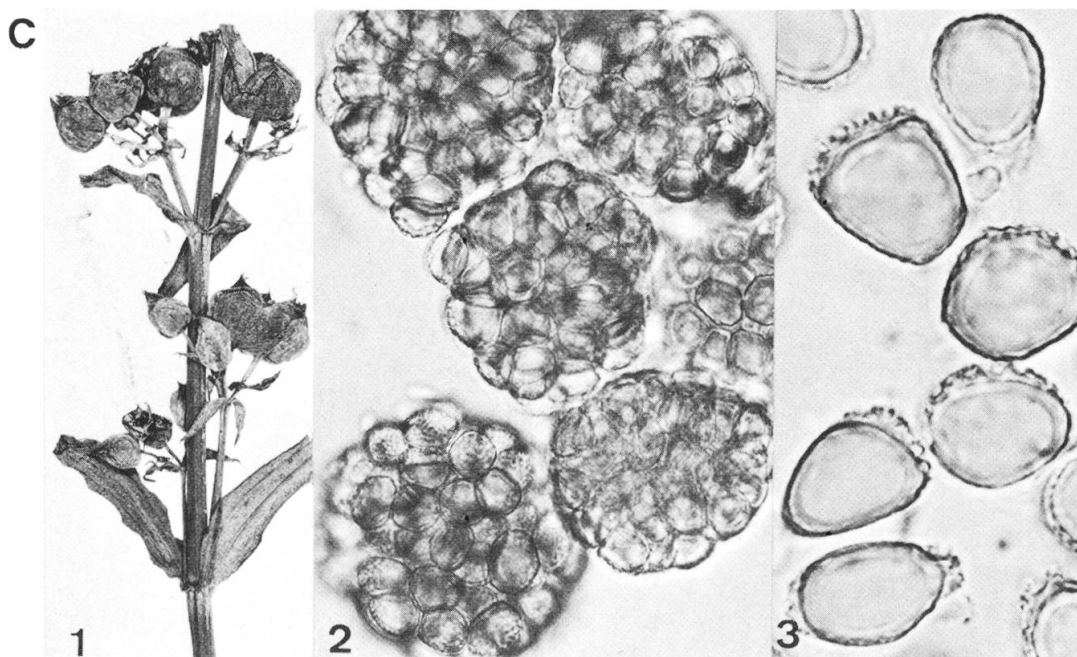
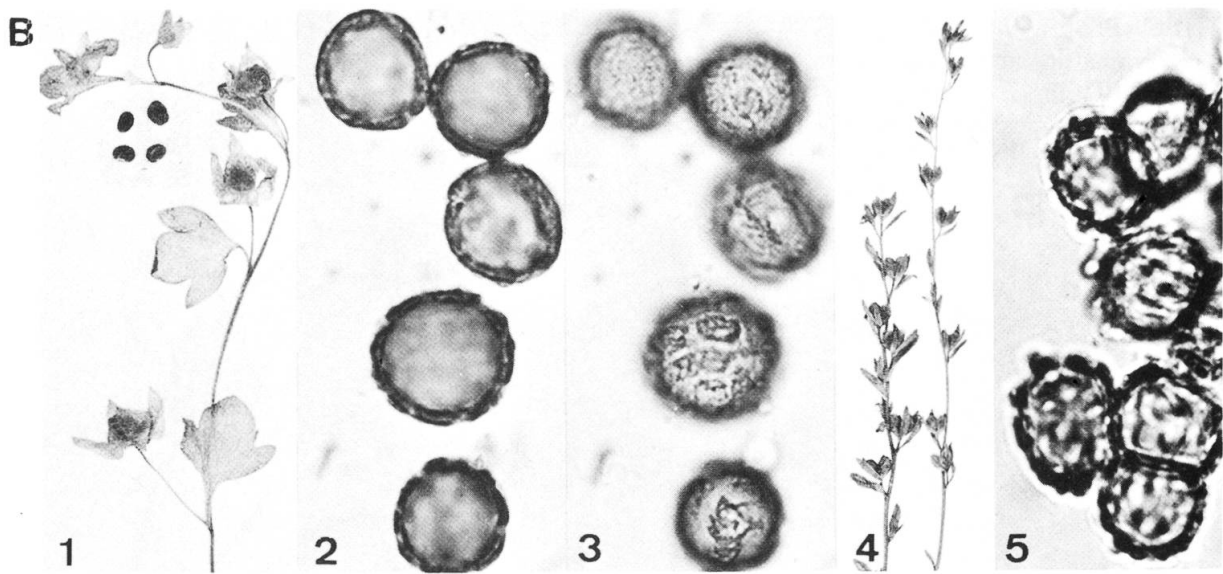
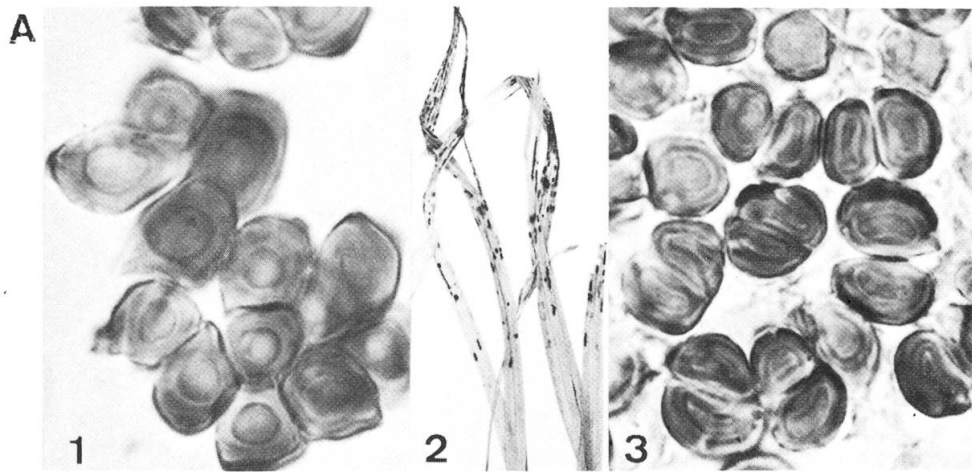
1. *S. cocconi*, *Carex halleriana* (Sp. 1000 ×)
- 2.-3. *S. melanogramma*, *Carex digitata* (Hab. 0.6 × ; Sp. 1000 ×)

B: SCHROETERIA, Scrophulariaceae

- 1.-3. *S. decaisneana*, *Veronica hederifolia* (Hab. 1.1 × ; Sp. 1000 × ; Sp. 1000 ×)
- 4.-5. *S. delastrina*, *Veronica arvensis* (Hab. 0.7 × ; Sp. 1000 ×)

C: SOROSPORIUM, Caryophyllaceae

- 1.-3. *S. saponariae*, *Saponaria ocymoides* (Hab. 1.0 × ; Sp.b. 400 × , Einzelsporen 1000 ×)



Tafel 21

THECAPHORA, Leguminosae

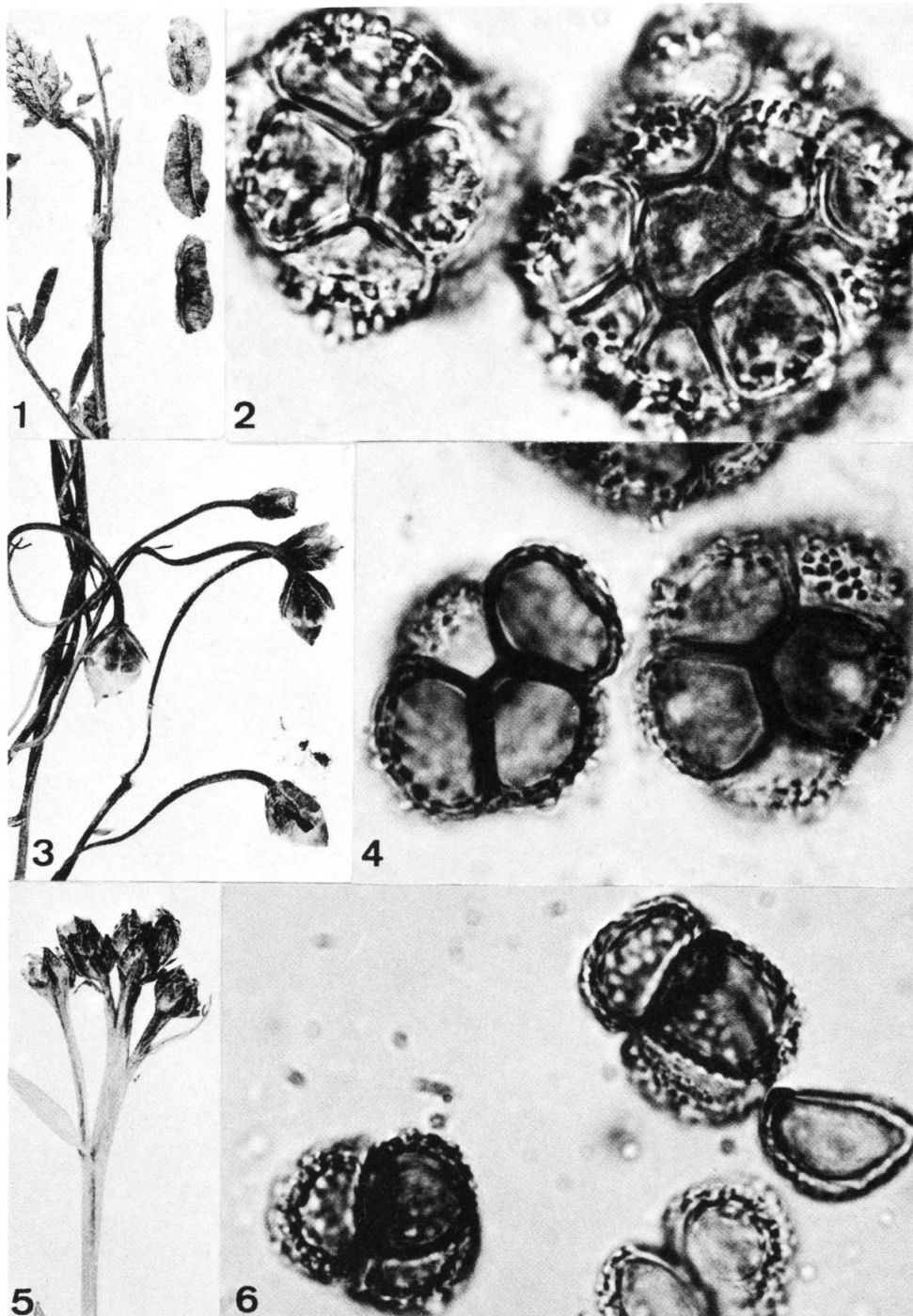
1.-2. *T. deformans*, *Astragalus glycyphyllos* (Hab. 1.0 × ; Sp.b. 1000 ×)

THECAPHORA, Convolvulaceae

3.-4. *T. seminis-convolvuli*, *Convolvulus arvensis* (Hab. 1.1 × ; Sp.b. 1000 ×)

THECAPHORA, Compositae

5.-6. *T. trailii*, *Saussurea alpina* (Hab. 1.0 × ; Sp.b. 1000 ×)



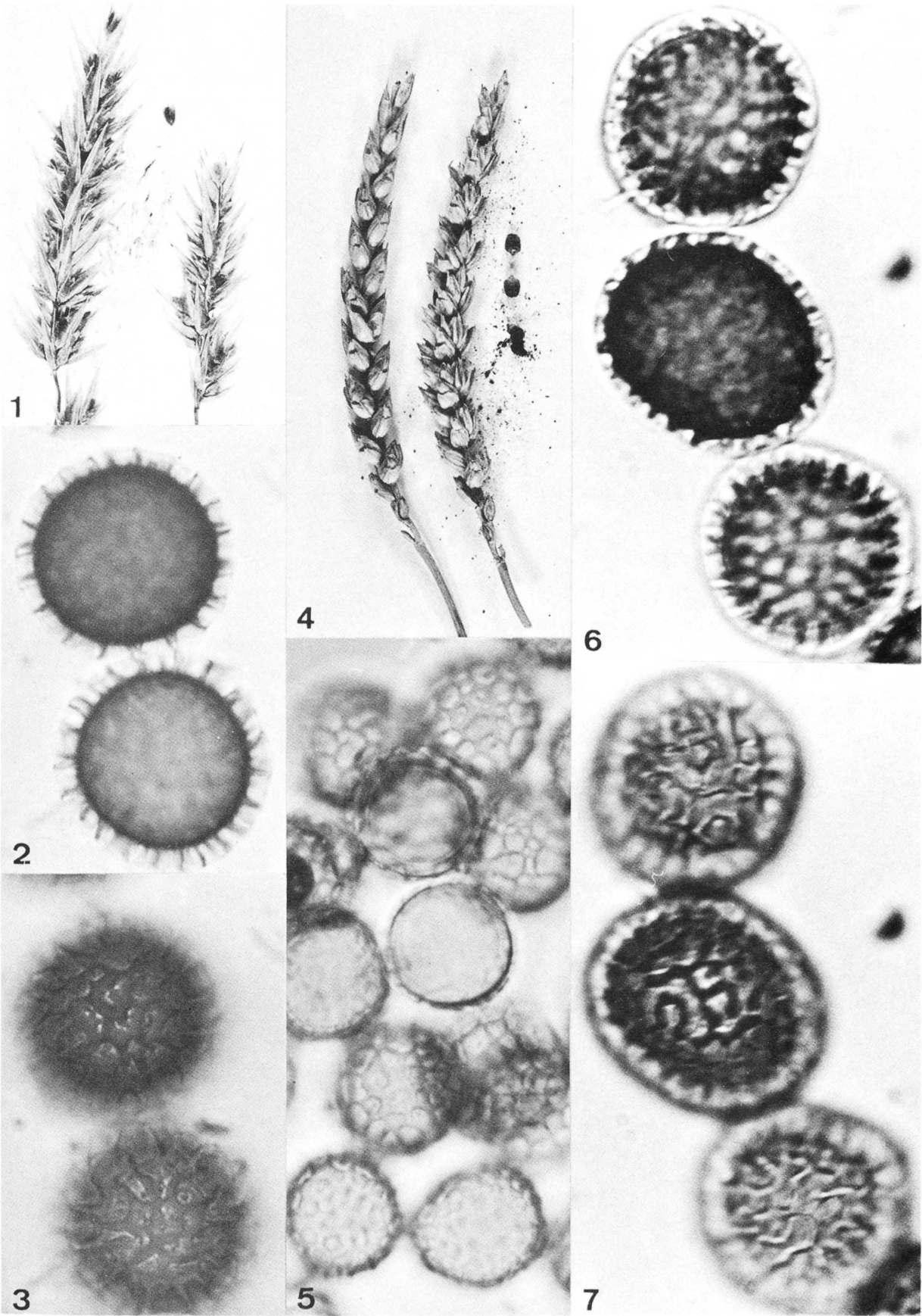
Tafel 22

TILLETIA, Gramineae, Ovarien

1.-3. *T. anthoxanthi*, *Anthoxanthum odoratum* (Hab. 1.0 × ; Sp. 1000 × ; Sp. 1000 ×)

4.-5. *T. caries*, *Triticum vulgare* (Hab. 0.6; Sp. 1000 ×)

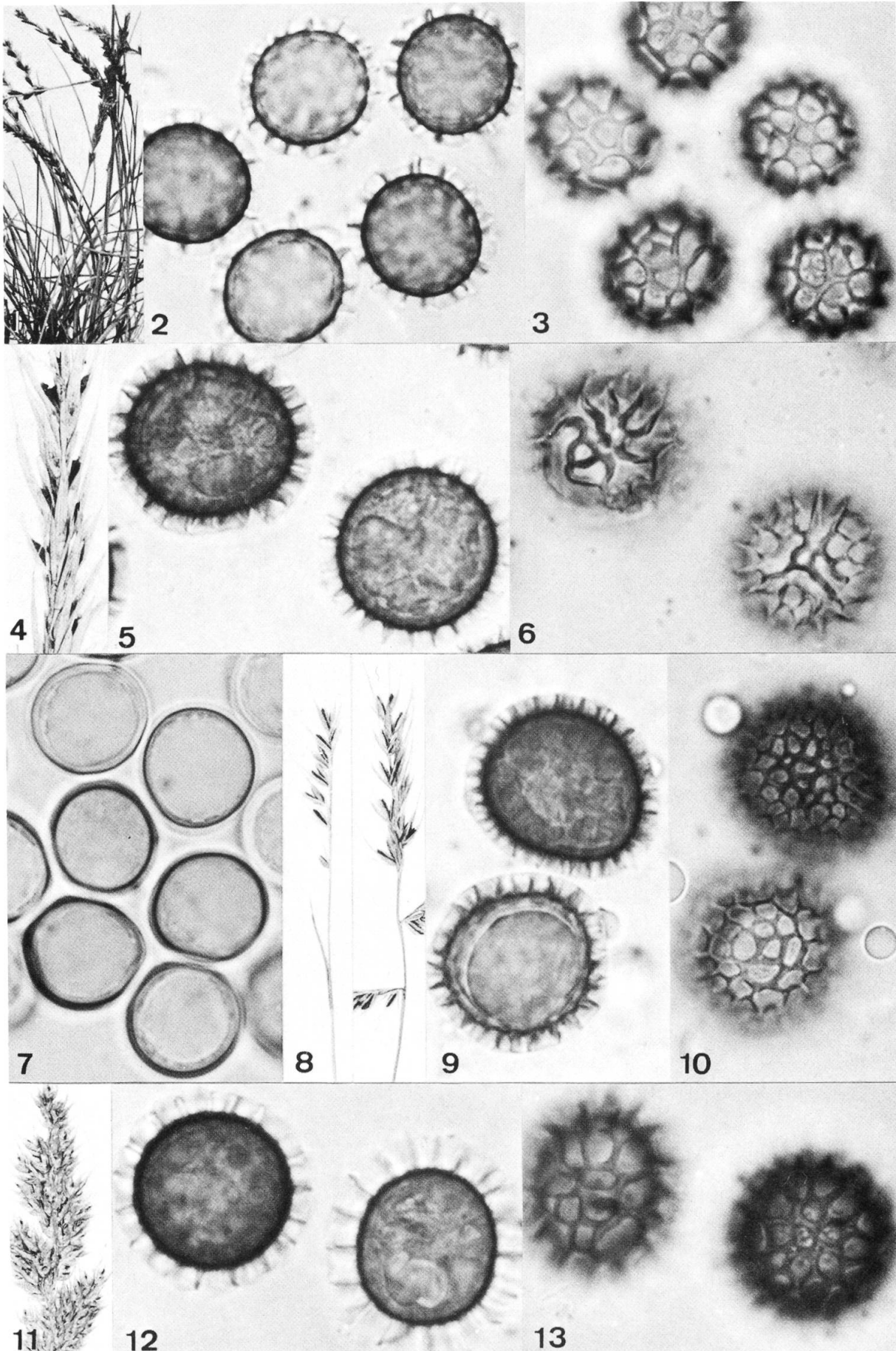
6.-7. *T. cerebrina*, *Deschampsia caespitosa* (Sp. 1000 × ; Sp. 1000 ×)



Tafel 23

TILLETIA, Gramineae, Ovarien

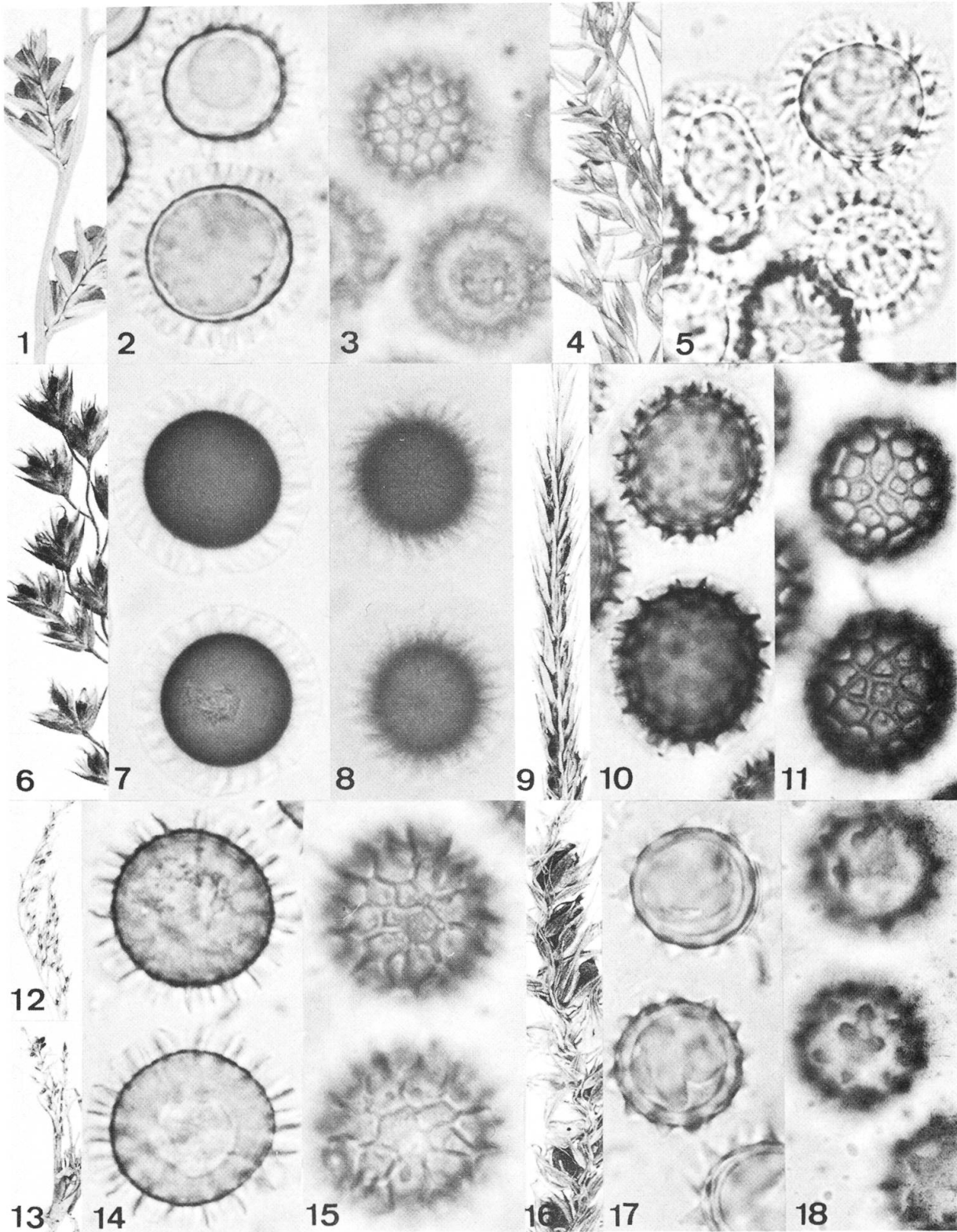
- 1.-3. *T. controversa*, *Agropyron intermedium* (Hab. 0.4 × ; Sp. 1000 × ;
Sp. 1000 ×)
- 4.-6. *T. elymi*, *Elymus glaucus* (Hab. 1.5 × ; Sp. 1000 × ; Sp. 1000 ×)
7. *T. foetida*, *Triticum vulgare* (Sp. 1000 ×)
- 8.-10. *T. fusca*, *Festuca* sp. (Hab. 0.9 × ; Sp. 1000 × ; Sp. 1000 ×)
- 11.-13. *T. holci*, *Holcus mollis* (Hab. 0.9 × ; Sp. 1000 × ; Sp. 1000 ×)



Tafel 24

TILLETIA, Gramineae, Ovarien

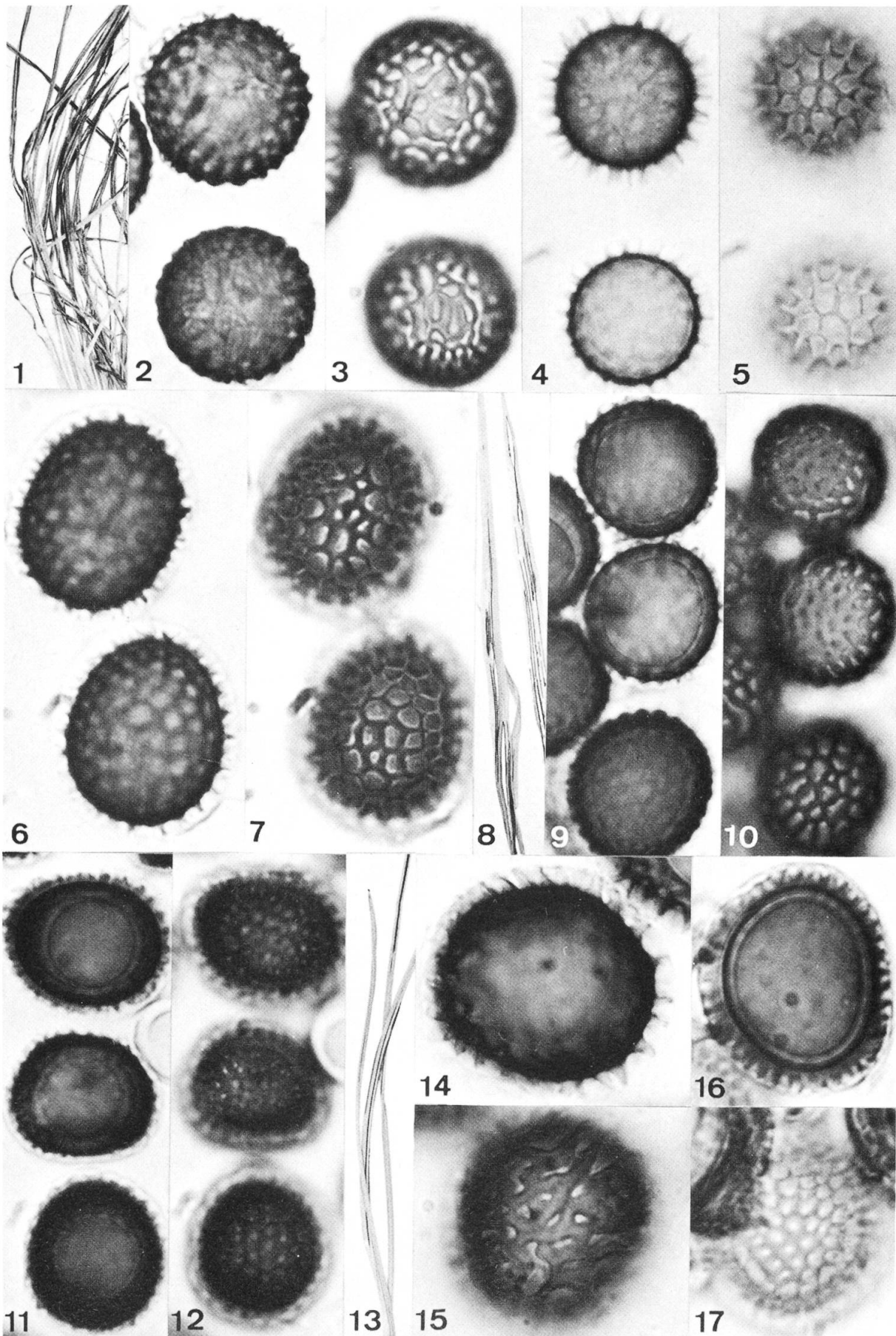
- 1.-3. *T. lolii*, *Lolium linicolum* (Hab. 1.7 × ; Sp. 1000 × ; Sp. 1000 ×)
- 4.-5. *T. pallida*, *Agrostis palustris* (Hab. 2.7 × ; Sp. 1000 ×)
- 6.-8. *T. sabaudiae*, *Poa nemoralis* (Hab. 2.3 × ; Sp. 500 × ; Sp. 500 ×)
- 9.-11. *T. secalis*, *Secale cereale* (Hab. 0.6 × ; Sp. 1000 × ; Sp. 1000 ×)
12. *T. sphaerococca*, *Agrostis spica-venti* (Hab. 0.9 ×)
13. *T. sphaerococca*, *Agrostis tenuis* (Hab. 1.1 ×)
- 14.-15. *T. sphaerococca*, *Agrostis schraderiana* (Sp. 1000 × ; Sp. 1000 ×)
- 16.-18. *T. texana*, *Hordeum nodosum* (Hab. 1.8 × ; Sp. 1000 × ; Sp. 1000 ×)



Tafel 25

TILLETIA, Gramineae, Blattstreifen

- 1.-3. T. bolayi, *Bromus erectus* (Hab. 0.8 × ; Sp. 1000 × ; Sp. 1000 ×)
- 4.-5. T. brachypodii-ramosi, *Brachypodium ramosum* (Sp. 1000 × ; Sp. 1000 ×)
- 6.-7. T. flectens, *Deschampsia flexuosa* (Sp. 1000 × ; Sp. 1000 ×)
- 8.-10. T. olida, *Brachypodium pinnatum* (Hab. 0.6 × ; Sp. 1000 × ; Sp. 1000 ×)
- 11.-12. T. scrobiculata, *Poa secunda* (Sp. 1000 × ; Sp. 1000 ×)
- 13.-15. T. sesleriae, *Sesleria coerulea* (Hab. 0.9 × ; Sp. 1000 × ; Sp. 1000 ×)
- 16.-17. T. sterilis, *Koeleria cristata* (Sp. 1000 × ; Sp. 1000 ×)



Tafel 26

TOLYPOSPORIUM, TRACYA

A: TOLYPOSPORIUM, Cyperaceae

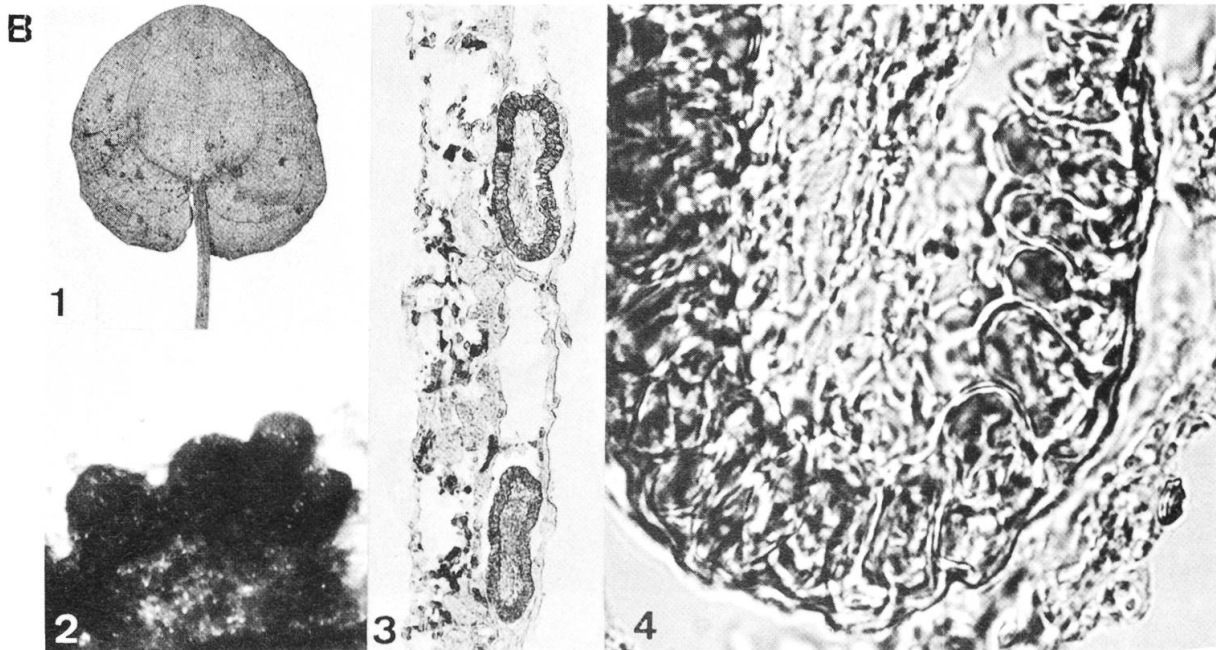
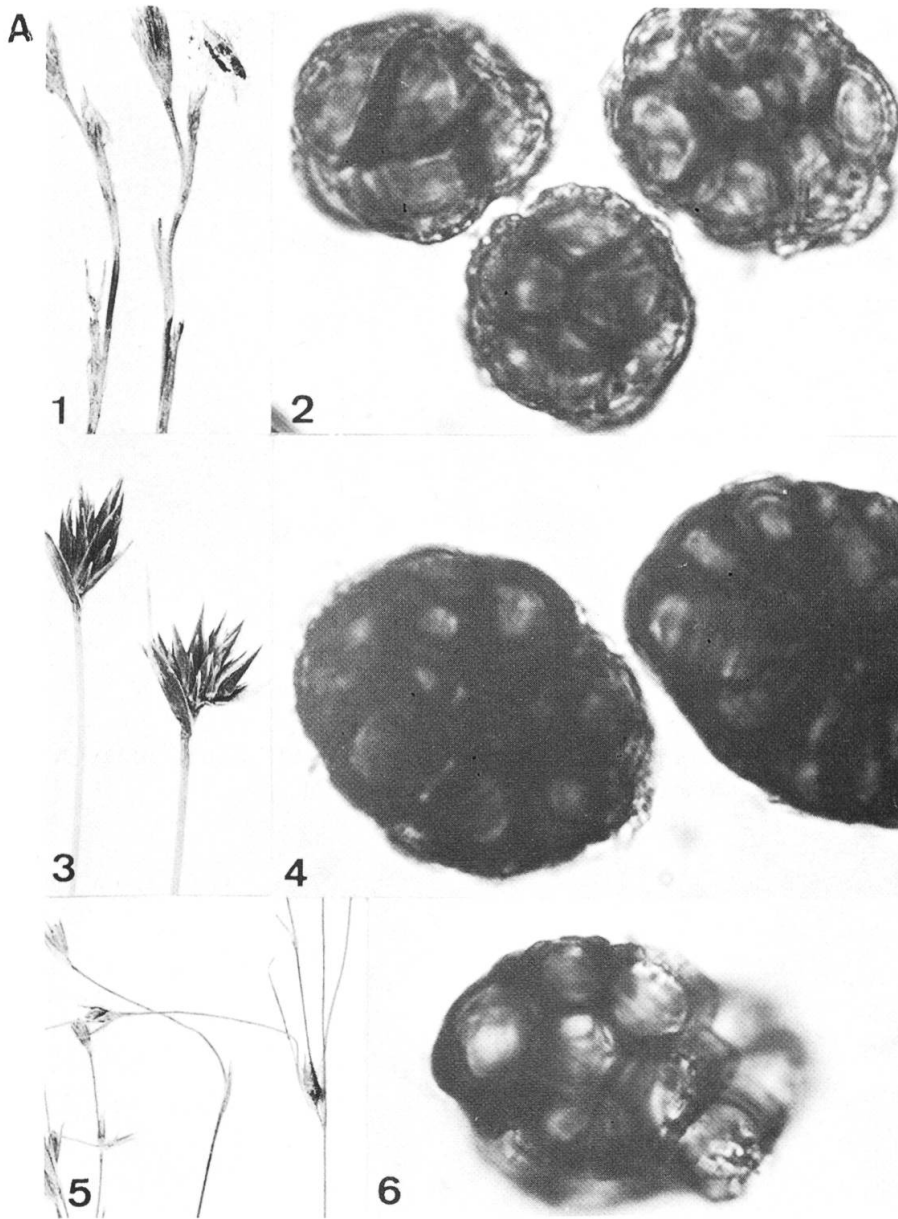
- 1.-2. *T. aterrimum*, *Carex humilis* (Hab. 0.8 × ; Sp.b. 1000 ×)
3.-4. *T. kochianum*, *Schoenus nigricans x ferrugineus* (Hab. 1.1 × ; Sp.b. 1000 ×)

TOLYPOSPORIUM, Juncaceae

- 5.-6. *T. junci*, *Juncus bufonius* (Hab. 1.0 × ; Sp.b. 1000 ×)

B: TRACYA, Hydrocharitaceae

- 1.-4. *T. hydrocharidis*, *Hydrocharis morsus-ranae* (Hab. 0.9 × ; Sp.b. 70 × ; Sp.b. 100 × ; Sp.b. 1000 × [Ausschnitt])



Tafel 27

UROCYSTIS, Gramineae

1.-2. U. agropyri, *Agropyron repens* (Hab. 0.6 × ; Sp.b. 500 ×)

3.-4. U. occulta, *Secale cereale* (Hab. 0.9 × ; Sp.b. 500 ×)

UROCYSTIS, Cyperaceae

5.-6. U. fischeri, *Carex riparia* (Hab. 0.5 × ; Sp.b. 500 ×)

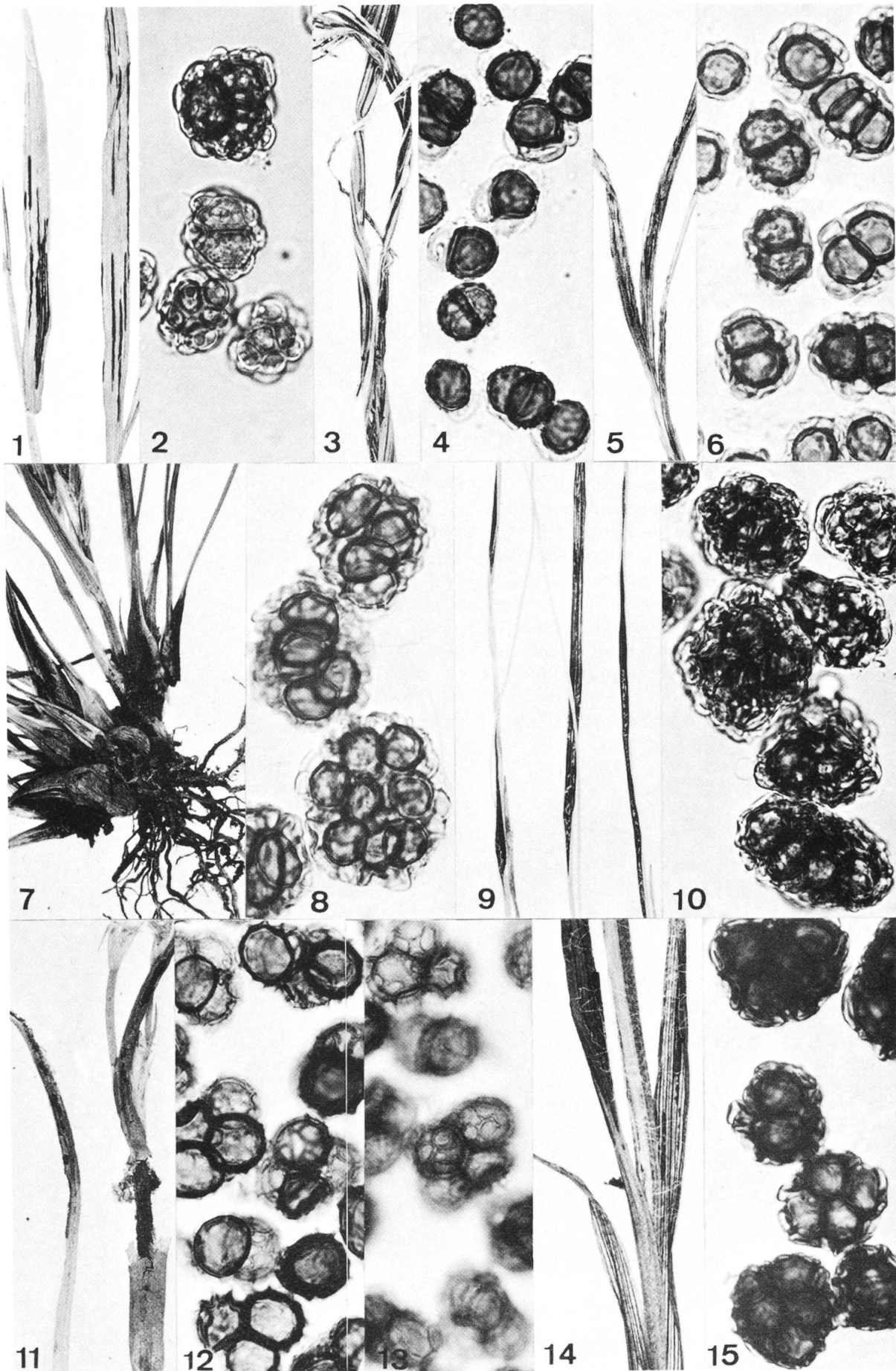
UROCYSTIS, Juncaceae

7.-8. U. johansonii, *Juncus bufonius* (Hab. 2.7 × ; Sp.b. 500 ×)

9.-10. U. junci, *Juncus filiformis* (Hab. 0.8 × ; Sp.b. 500 ×)

11.-13. U. lagerheimii, *Juncus compressus* (Hab. 2.7 × ; Sp.b. 500 × ; Sp.b. 500 ×)

14.-15. U. luzulae, *Luzula pilosa* (Hab. 2.3 × ; Sp.b. 500 ×)



Tafel 28

UROCYSTIS, Liliaceae

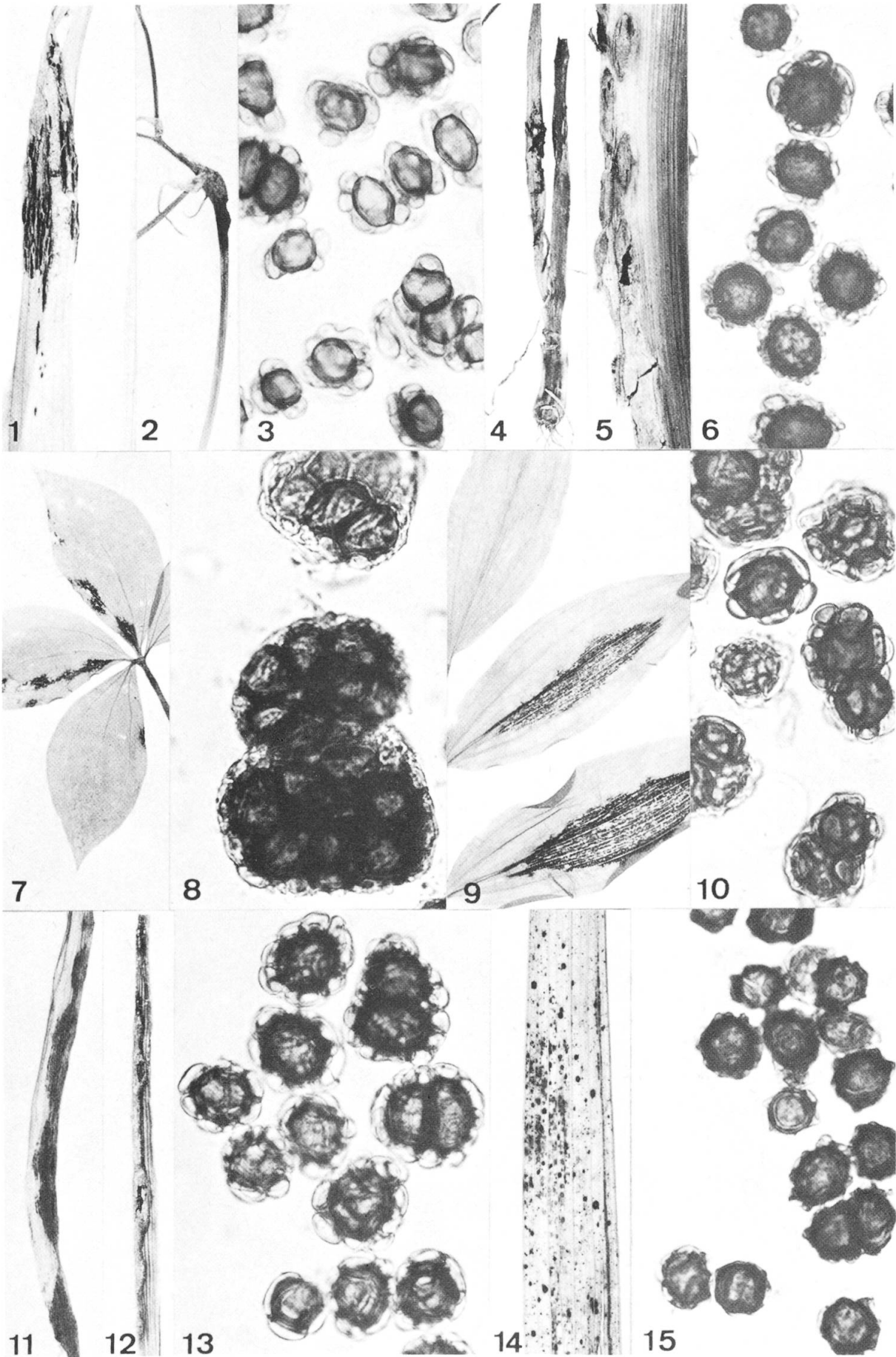
1. U. colchici, *Colchicum autumnale* (Hab. 0.9 ×)
2. U. colchici, *Ornithogalum tenuifolium* (Hab. 0.9 ×)
3. U. colchici, *Colchicum autumnale* (Sp.b. 500 ×)
4. U. magica, *Allium cepa* (Hab. 0.6 ×)
5. U. magica, *Allium magicum* (Hab. 0.9 ×)
6. U. magica, *Allium porrum* (Sp.b. 500 ×)
- 7.-8. U. paridis, *Paris quadrifolia* (Hab. 0.6 × ; Sp.b. 500 ×)
9. U. polygonati, *Polygonatum multiflorum* (Hab. 0.9 ×)
10. U. polygonati, *Polygonatum verticillatum* (Sp.b. 500 ×)

UROCYSTIS, Amaryllidaceae

11. U. leucoji, *Leucojum vernalis* (Hab. 1.1 ×)
12. U. leucoji, *Galanthus nivalis* (Hab. 1.2 ×)
13. U. leucoji, *Leucojum vernalis* (Sp.b. 500 ×)

UROCYSTIS, Iridaceae

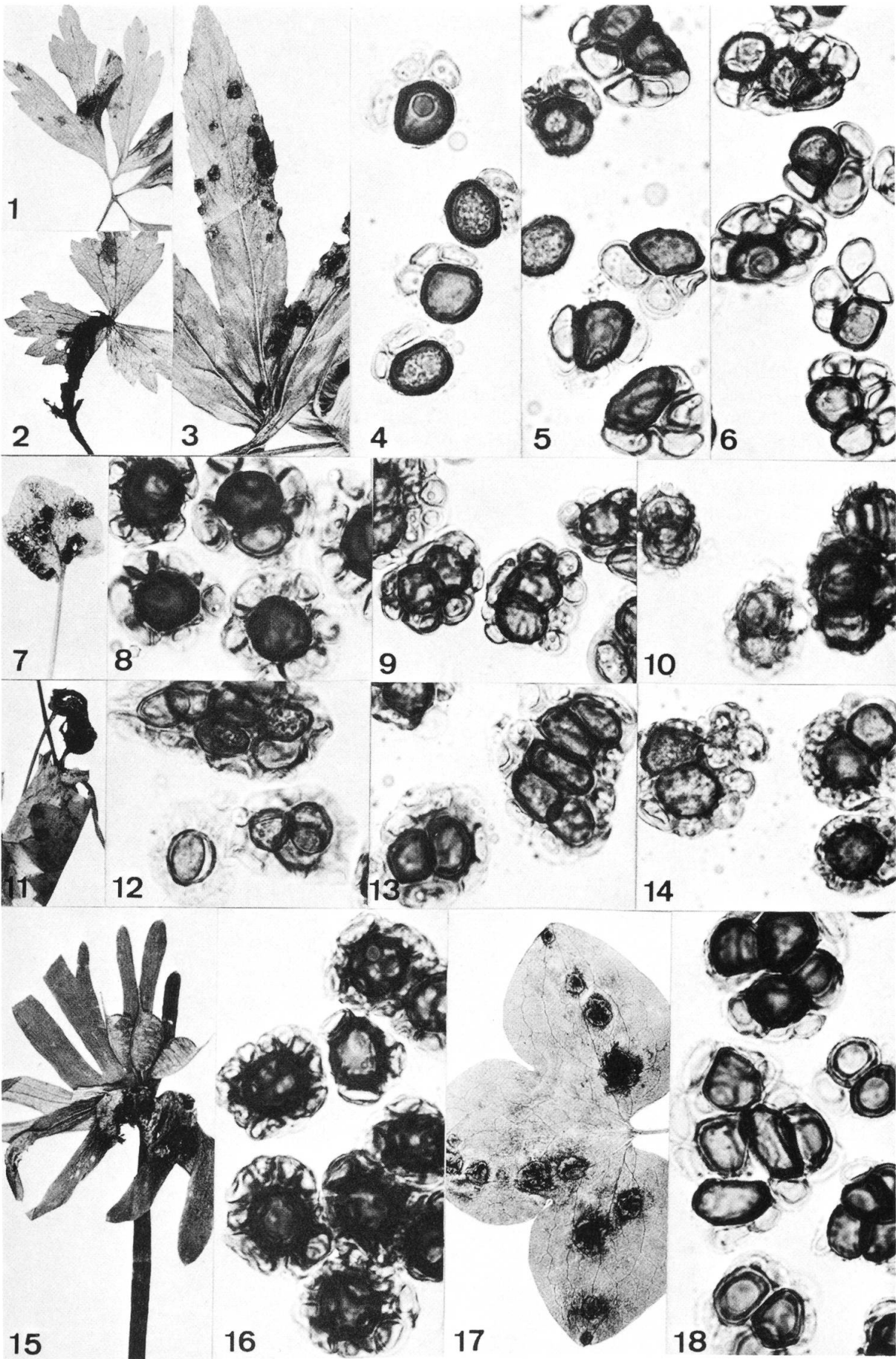
- 14.-15. U. gladiolicola, *Gladiolus cult.* (Hab. 1.0 × ; Sp.b. 500 ×)



Tafel 29

UROCYSTIS, Ranunculaceae

1. U. anemones, *Anemone ranunculoides* (Hab. 0.6 ×)
2. U. anemones, *Ranunculus repens* (Hab. 0.7 ×)
3. U. anemones, *Helleborus viridis* (Hab. 0.9 ×)
4. U. anemones, *Anemone ranunculoides* (Sp.b. 500 ×)
5. U. anemones, *Helleborus viridis* (Sp.b. 500 ×)
6. U. anemones, *Ranunculus repens* (Sp.b. 500 ×)
- 7.-8. U. carcinodes, *Ranunculus ficaria* (Hab. 0.9 × ; Sp.b. 500 ×)
9. U. carcinodes, *Callianthemum coriandrifolium* (Sp.b. 500 ×)
10. U. carcinodes, *Pulsatilla alpina* (Sp.b. 500 ×)
- 11.-12. U. carcinodes, *Actaea spicata* (Hab. 0.8 × ; Sp.b. 500 ×)
13. U. carcinodes, *Clematis alpina* (Sp.b. 500 ×)
14. U. carcinodes, *Trollius europaeus* (Sp.b. 500 ×)
- 15.-16. U. eranthis, *Eranthis hiemalis* (Hab. 0.8 × ; Sp.b. 500 ×)
- 17.-18. U. hepaticae-trilobae, *Hepatica triloba* (Hab. 0.7 × ; Sp.b. 500 ×)



Tafel 30

UROCYSTIS, Ranunculaceae

1.-2. *U. irregularis*, *Aconitum lycoctonum* (Hab. 0.5 × ; Sp.b. 500 ×)

3.-4. *U. leimbachii*, *Adonis vernalis* (Hab. 0.8 × ; Sp.b. 500 ×)

5.-6. *U. sorosporioides*, *Thalictrum minus* (Hab. 0.9 × ; Sp.b. 500 ×)

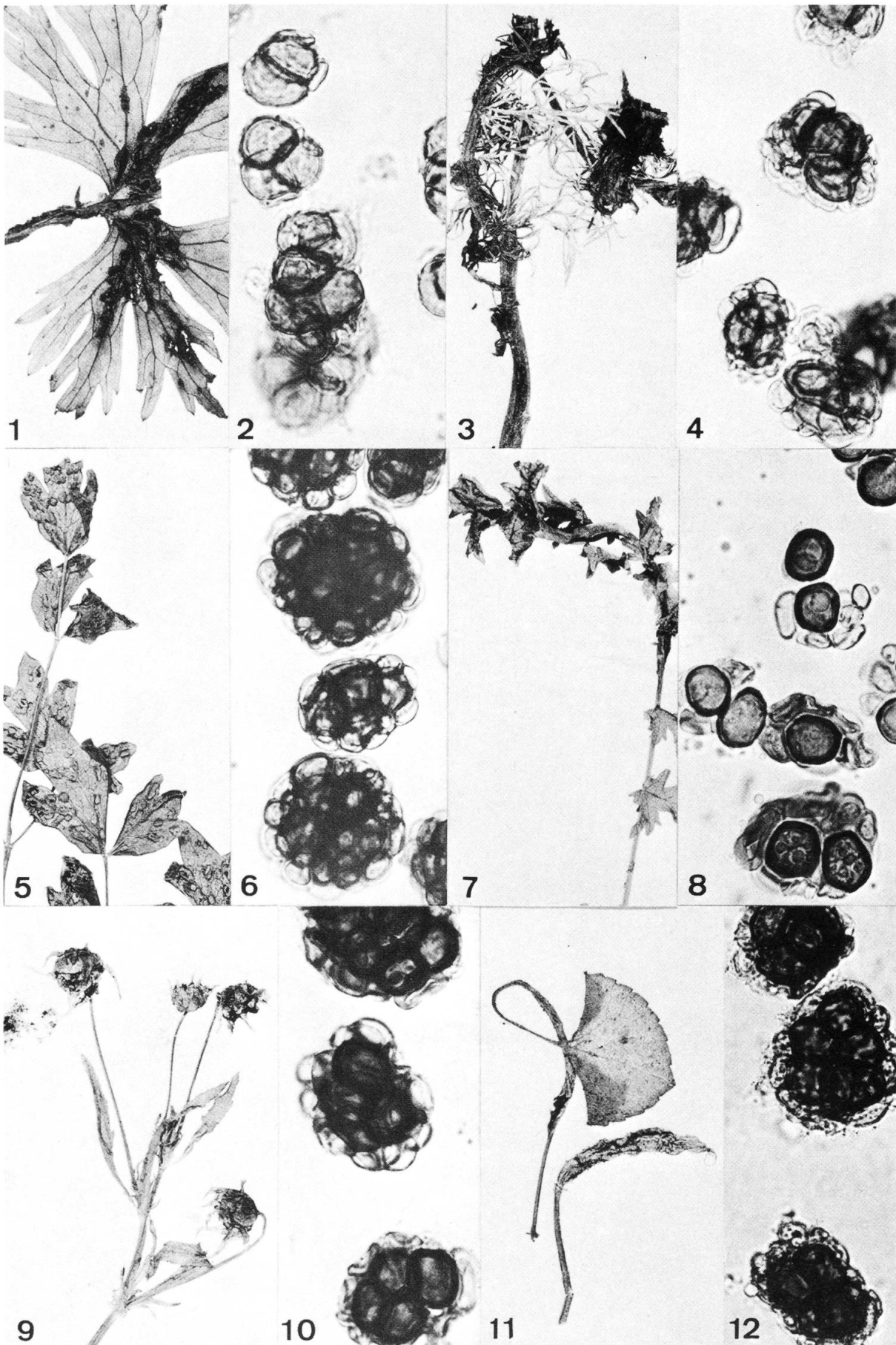
UROCYSTIS, Rosaceae

7.-8. *U. filipendulae*, *Filipendula hexapetala* (Hab. 0.4 × ; Sp.b. 500 ×)

UROCYSTIS, Violaceae

9.-10. *U. kmetiana*, *Viola tricolor* (Hab. 0.9 × ; Sp.b. 500 ×)

11.-12. *U. violae*, *Viola odorata* (Hab. 0.9 × ; Sp.b. 500 ×)



Tafel 31

UROCYSTIS, USTACYSTIS

A: UROCYSTIS, Primulaceae

- 1.-2. *U. cortusae*, *Cortusa matthioli* (Hab. 1.8 × ; Sp.b. 500 ×)
- 3.-4. *U. primulicola*, *Primula veris* (Hab. 0.8 × ; Sp.b. 500 ×)
- 5.-6. *U. trientalis*, *Trientalis europaea* (Hab. 0.7 × ; Sp.b. 500 ×)

UROCYSTIS, Scrophulariaceae

- 7.-8. *U. schizocaulon*, *Odontites lutea* (Hab. 0.9 × ; Sp.b. 500 ×)

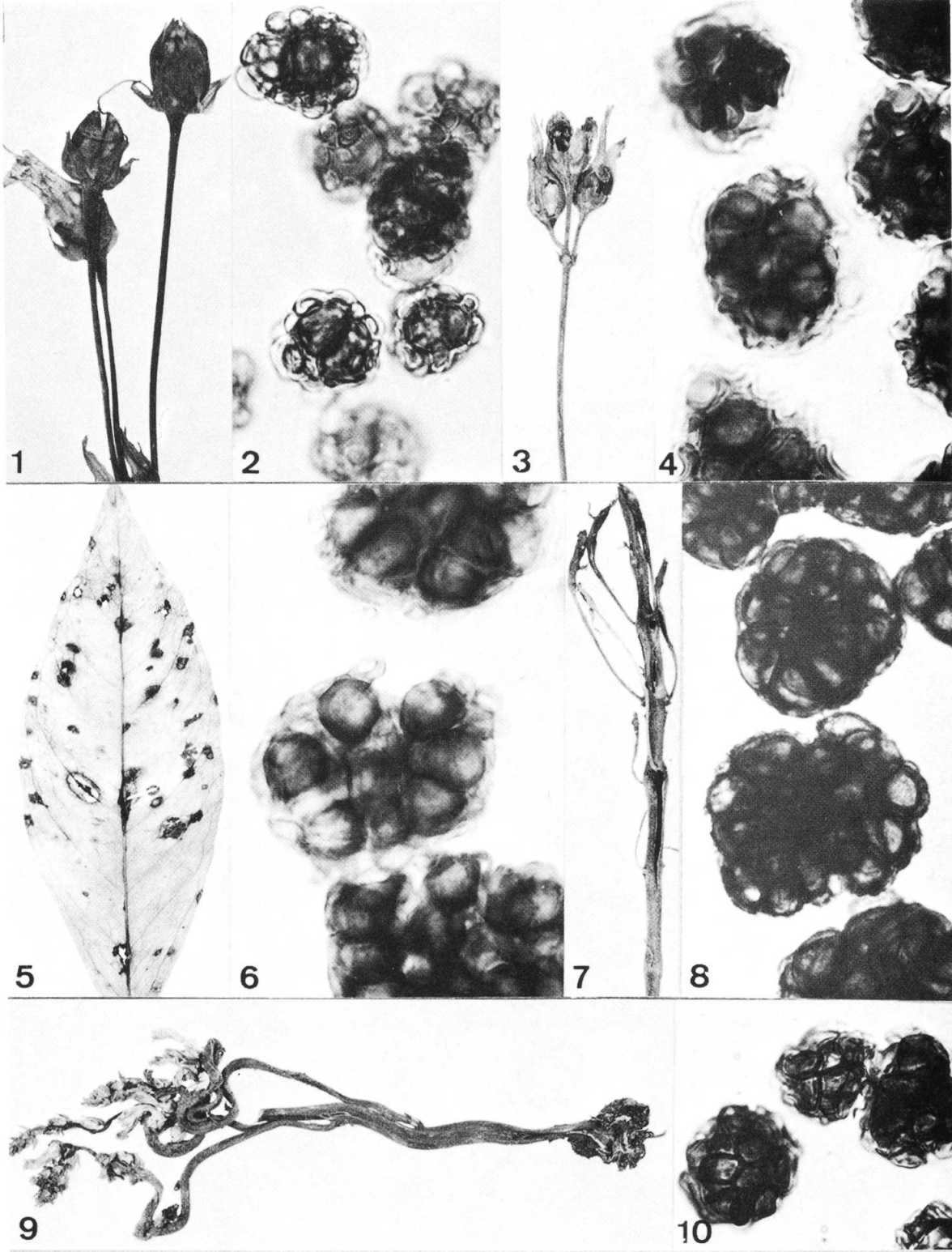
UROCYSTIS, Orobanchaceae

- 9.-10. *U. orobanches*, *Orobanche ramosa* (Hab. 0.5 × ; Sp.b. 500 ×)

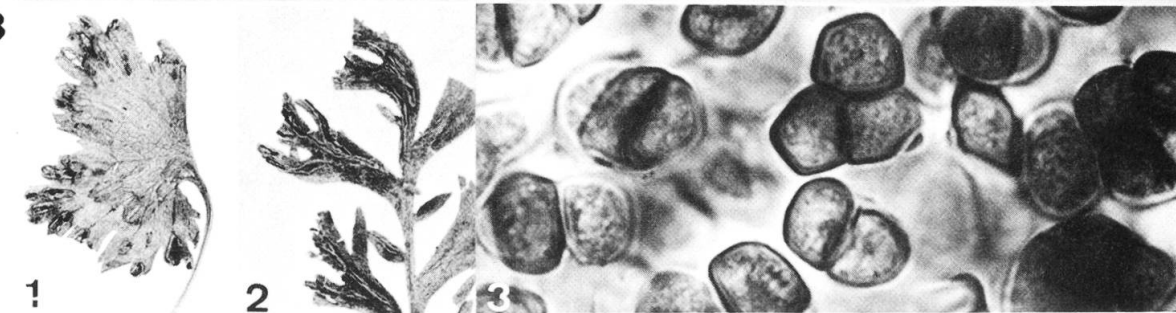
B: USTACYSTIS, Rosaceae

1. *U. waldsteiniae*, *Waldsteinia geoides* (Hab. 1.1 ×)
2. *U. waldsteiniae*, *Geum triflorum* (Hab. 1.0 ×)
3. *U. waldsteiniae*, *Waldsteinia geoides* (Sp. 1000 ×)

A



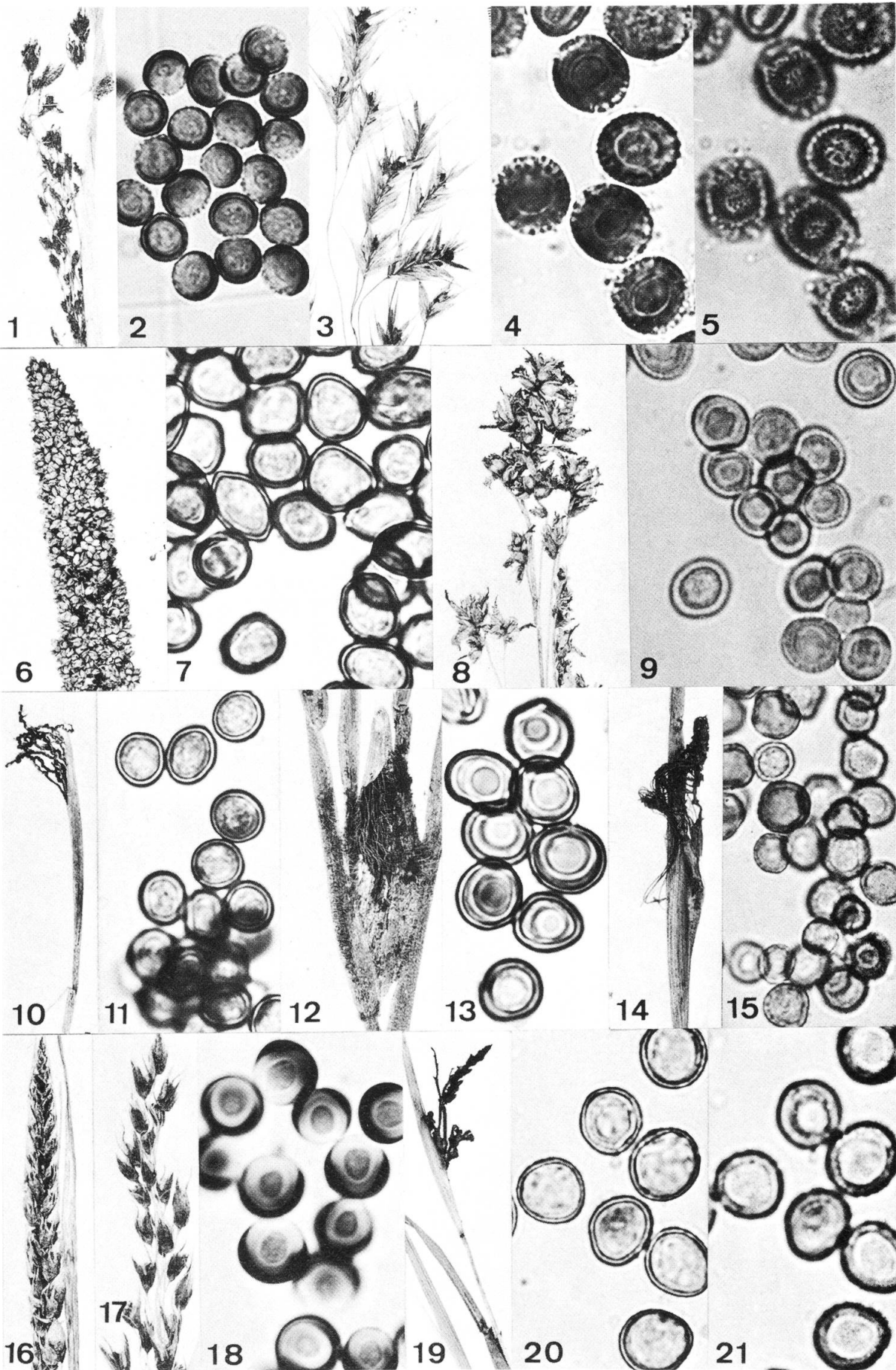
B



Tafel 32

USTILAGO, Gramineae, Infloreszenzen, Ovarien

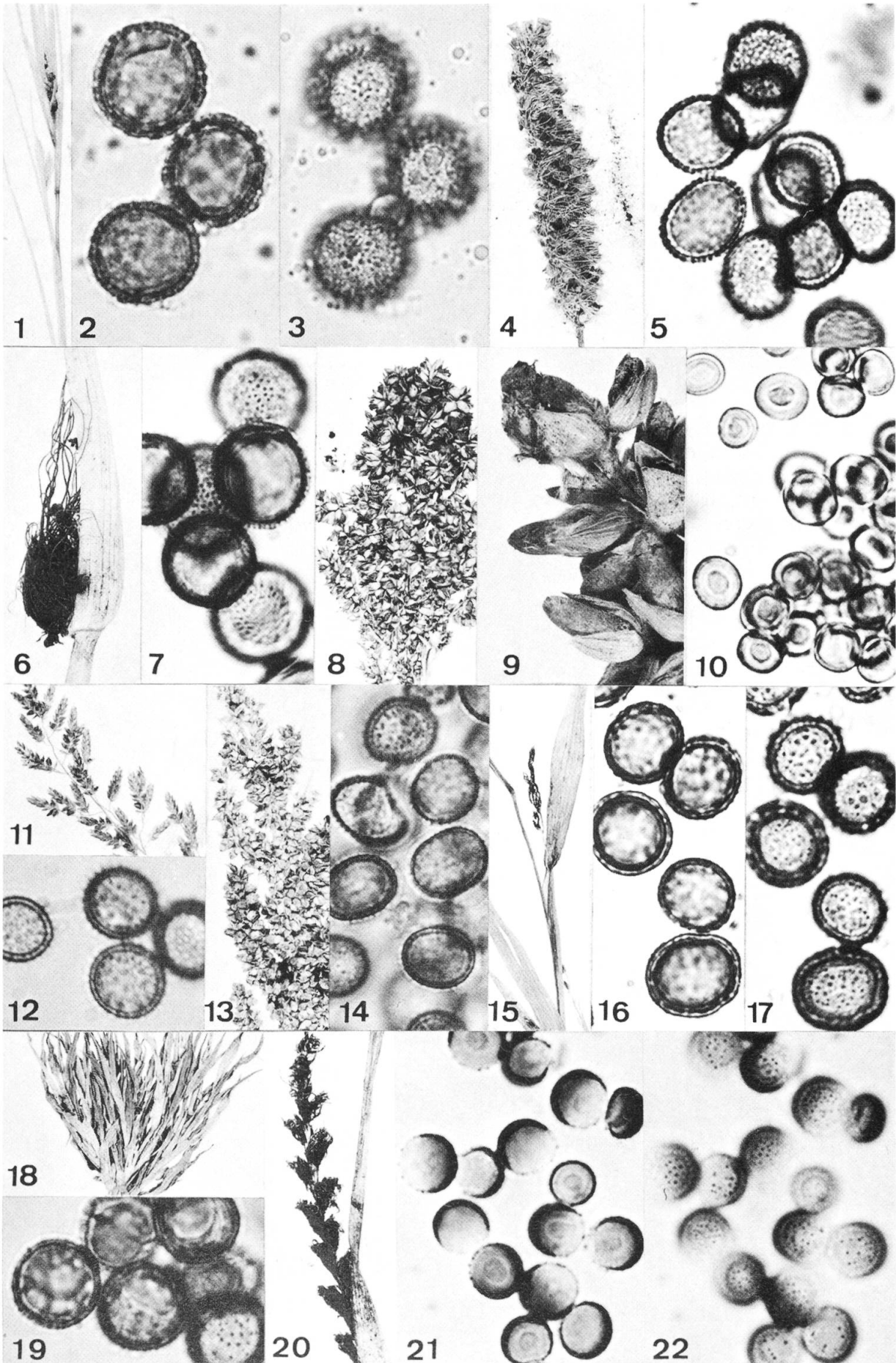
- 1.-2. *U. avenae*, *Avena sativa* (Hab. 0.7 × ; Sp. 1000 ×)
3. *U. bullata*, *Bromus arvensis* (Hab. 0.7 ×)
- 4.-5. *U. bullata*, *Bromus japonicus* (Sp. 1000 × ; Sp. 1000 ×)
- 6.-7. *U. crameri*, *Setaria italica* (Hab. 0.6 × ; Sp. 1000 ×)
- 8.-9. *U. cruenta*, *Sorghum vulgare* (Hab. 0.5 × ; Sp. 1000 ×)
- 10.-11. *U. cynodontis*, *Cynodon dactylon* (Hab. 0.8 × ; Sp. 1000 ×)
- 12.-13. *U. destruens*, *Panicum miliaceum* (Hab. 0.6 × ; Sp. 1000 ×)
- 14.-15. *U. digitariae*, *Panicum repens* (Hab. 1.4 × ; Sp. 1000 ×)
16. *U. hordei*, *Hordeum vulgare* (Hab. 0.8 ×)
17. *U. hordei*, *Avena sativa* (Hab. 0.7 ×)
18. *U. hordei*, *Hordeum vulgare* (Sp. 1000 ×)
- 19.-21. *U. ischaemi*, *Bothriochloa ischaemum* (Hab. 0.9 × ; Sp. 1000 × ; Sp. 1000 ×)



Tafel 33

USTILAGO, Gramineae, Infloreszenzen, Ovarien

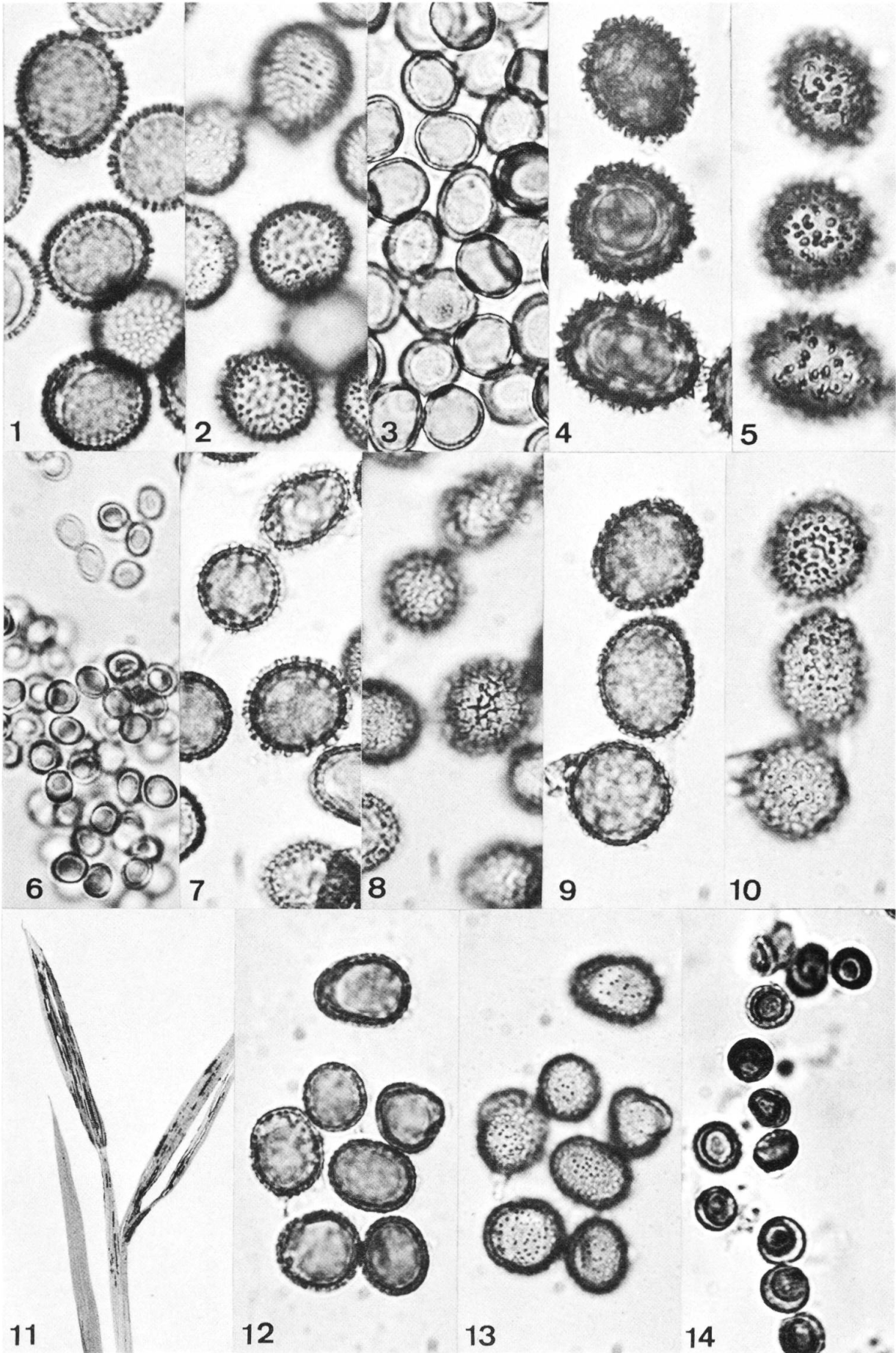
- 1.-3. *U. mulfordiana*, *Festuca tenella* (Hab. 1.0 × ; Sp. 1000 × ; Sp. 1000 ×)
- 4.-5. *U. neglecta*, *Setaria glauca* (Hab. 1.0 × ; Sp. 1000 ×)
- 6.-7. *U. reiliana*, *Sorghum vulgare* (Hab. 0.5 × ; Sp. 1000 ×)
- 8.-10. *U. sorghi*, *Sorghum vulgare* (Hab. 0.5 × ; Hab. 2.5 × ; Sp. 1000 ×)
- 11.-12. *U. spermophora*, *Eragrostis minor* (Hab. 0.9 × ; Sp. 1000 ×)
- 13.-14. *U. sphaerogena*, *Echinochloa crus-galli* (Hab. 0.6 × ; Sp. 1000 ×)
- 15.-17. *U. syntherismae*, *Digitaria sanguinalis* (Hab. 0.8 × ; Sp. 1000 × ; Sp. 1000 ×)
- 18.-19. *U. tragi-racemosi*, *Tragus racemosus* (Hab. 0.9 × ; Sp. 1000 ×)
- 20.-22. *U. tritici*, *Triticum vulgare* (Hab. 0.6 × ; Sp. 1000 × ; Sp. 1000 ×)



Tafel 34

USTILAGO, Gramineae, Blattstreifen

- 1.-2. *U. calamagrostis*, *Calamagrostis arundinacea* (Sp. 1000 × ; Sp. 1000 ×)
3. *U. davisii*, *Glyceria fluitans* (Sp. 1000 ×)
- 4.-5. *U. echinata*, *Typhoides arundinacea* (Sp. 1000 × ; Sp. 1000 ×)
6. *U. longissima*, *Glyceria fluitans* (Sp. 1000 ×)
- 7.-8. *U. scrobiculata*, *Calamagrostis epigeios* (Sp. 1000 × ; Sp. 1000 ×)
- 9.-10. *U. serpens*, *Agropyron repens* (Sp. 1000 × ; Sp. 1000 ×)
- 11.-13. *U. striiformis*, *Holcus lanatus* (Hab. 0.8 × ; Sp. 1000 × ; Sp. 1000 ×)
14. *U. trebouxii*, *Elymus condensatus* (Sp. 1000 ×)



Tafel 35

USTILAGO, Gramineae, Halminternodien

1.-2. *U. grandis*, *Phragmites communis* (Hab. 0.5; Sp. 1000 ×)

3.-4. *U. hypodytes*, *Elymus europaeus* (Hab. 0.5 × ; Sp. 1000 ×)

USTILAGO, Gramineae, Internodien + Infloreszenzen

5.-7. *U. montaniensis*, *Eragrostis minor* (Hab. 0.8 × ; Sp. 1000 × ; Sp. 1000 ×)

8.-9. *U. williamsii*, *Stipa pennata* (Hab. 0.9 × ; Sp. 1000 ×)

USTILAGO, Gramineae, Beulen

10.-11. *U. maydis*, *Zea mais* (Hab. 0.5 × ; Sp. 1000 ×)

12.-13. *U. trichophora*, *Echinochloa crus-galli* (Hab. 0.9 × ; Sp. 1000 ×)



Tafel 36

USTILAGO, Cyperaceae

1.-3. *U. montagnei*, *Rhynchospora alba* (Hab. 1.1 × ; Sp. 1000 × ; Sp. 1000 ×)

4.-6. *U. rhynchosporae*, *Rhynchospora alba* (Hab. 1.1 × ; Sp. 1000 × ; Sp. 1000 ×)

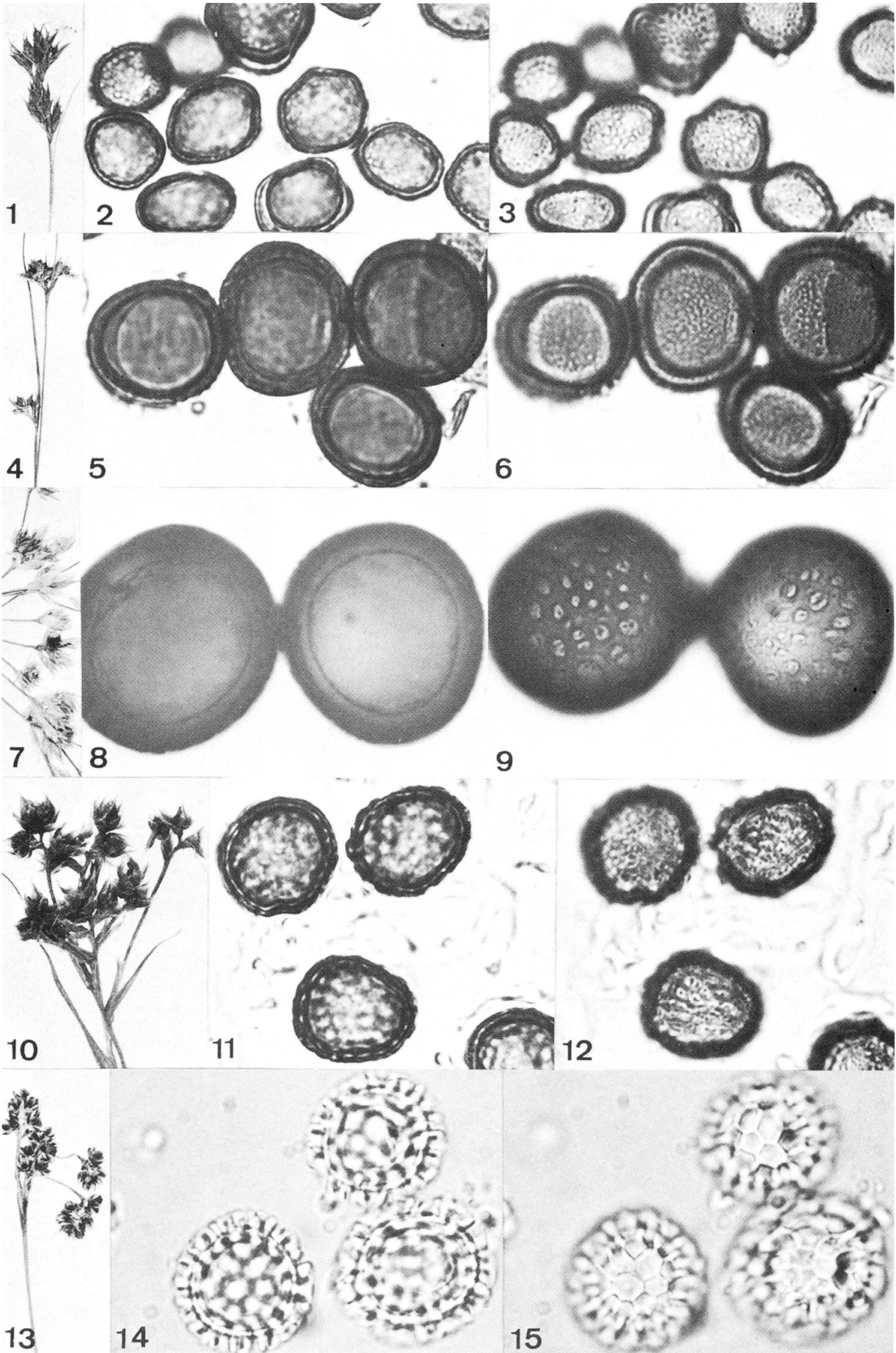
USTILAGO, Juncaceae

7. *U. luzulae*, *Luzula silvatica* (Hab. 0.9 ×)

8.-9. *U. luzulae*, *Luzula nivea* (Sp. 1000 × ; Sp. 1000 ×)

10.-12. *U. spadiceae*, *Luzula spadicea* (Hab. 2.7 × ; Sp. 1000 × ; Sp. 1000 ×)

13.-15. *U. vuijckii*, *Luzula campestris* (Hab. 1.0 × ; Sp. 1000 × ; Sp. 1000 ×)



Tafel 37

USTILAGO, Liliaceae

- 1.-2. *U. heufleri*, *Tulipa* sp. (Hab. 0.9 × ; Sp. 1000 ×)
3. *U. ornithogali*, *Gagea arvensis* (Hab. 0.9 ×)
4. *U. ornithogali*, *Gagea lutea* (Sp. 1000 ×)
- 5.-6. *U. vaillantii*, *Scilla bifolia* (Hab. 0.9 × ; Sp. 1000 ×)

USTILAGO, Polygonaceae, *Oxyria*

- 7.-8. *U. vinosa*, *Oxyria digyna* (Hab. 0.9 × ; Sp. 1000 ×)

USTILAGO, Polygonaceae, *Polygonum*, Sporen warzig, Ovarien

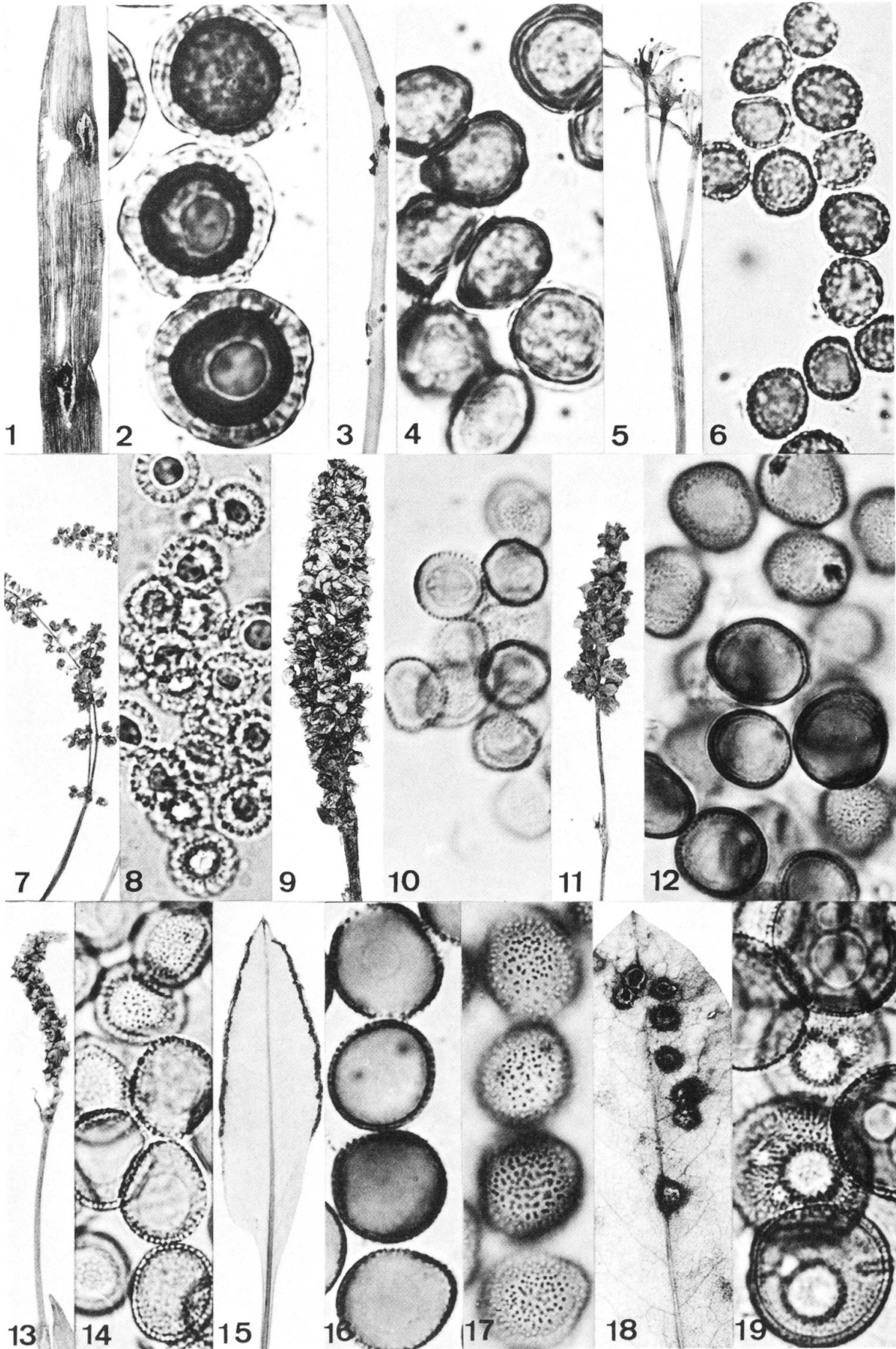
- 9.-10. *U. candollei*, *Polygonum bistorta* (Hab. 0.9 × ; Sp. 1000 ×)
11. *U. hydropiperis*, *Polygonum hydropiperis* (Hab. 1.0 ×)
12. *U. hydropiperis*, *Polygonum persicaria* (Sp. 1000 ×)

USTILAGO, Polygonaceae, *Polygonum*, Sporen warzig, Bulbillen

- 13.-14. *U. ustilaginea*, *Polygonum viviparum* (Hab. 1.0 × ; Sp. 1000 ×)

USTILAGO, Polygonaceae, *Polygonum*, Sporen warzig, Blatt

- 15.-17. *U. marginalis*, *Polygonum bistorta* (Hab. 0.5 × ; Sp. 1000 × ; Sp. 1000 ×)
- 18.-19. *U. pustulata*, *Polygonum bistorta* (Hab. 0.9 × ; Sp. 1000 ×)



Tafel 38

USTILAGO, Polygonaceae, *Polygonum*, Sporen netzig, Ovarien

1.-2. *U. anomala*, *Polygonum mite* (Hab. 0.9 × ; Sp. 1000 ×)

3.-4. *U. reticulata*, *Polygonum lapathifolium* (Hab. 0.8 × ; Sp. 1000 ×)

USTILAGO, Polygonaceae, *Polygonum*, Sporen fein warzig bis netzig, Infloreszenzen + vegetative Teile

5.-7. *U. bosniaca*, *Polygonum alpinum* (Hab. 1.0 × ; Sp. 1000 × ; Sp. 1000 ×)

USTILAGO, Polygonaceae, *Polygonum*, Sporen cerebriform, vegetative Teile

8.-10. *U. polygوني-alpini*, *Polygonum alpinum* (Hab. 1.1 × ; Sp. 1000 × ; Sp. 1000 ×)

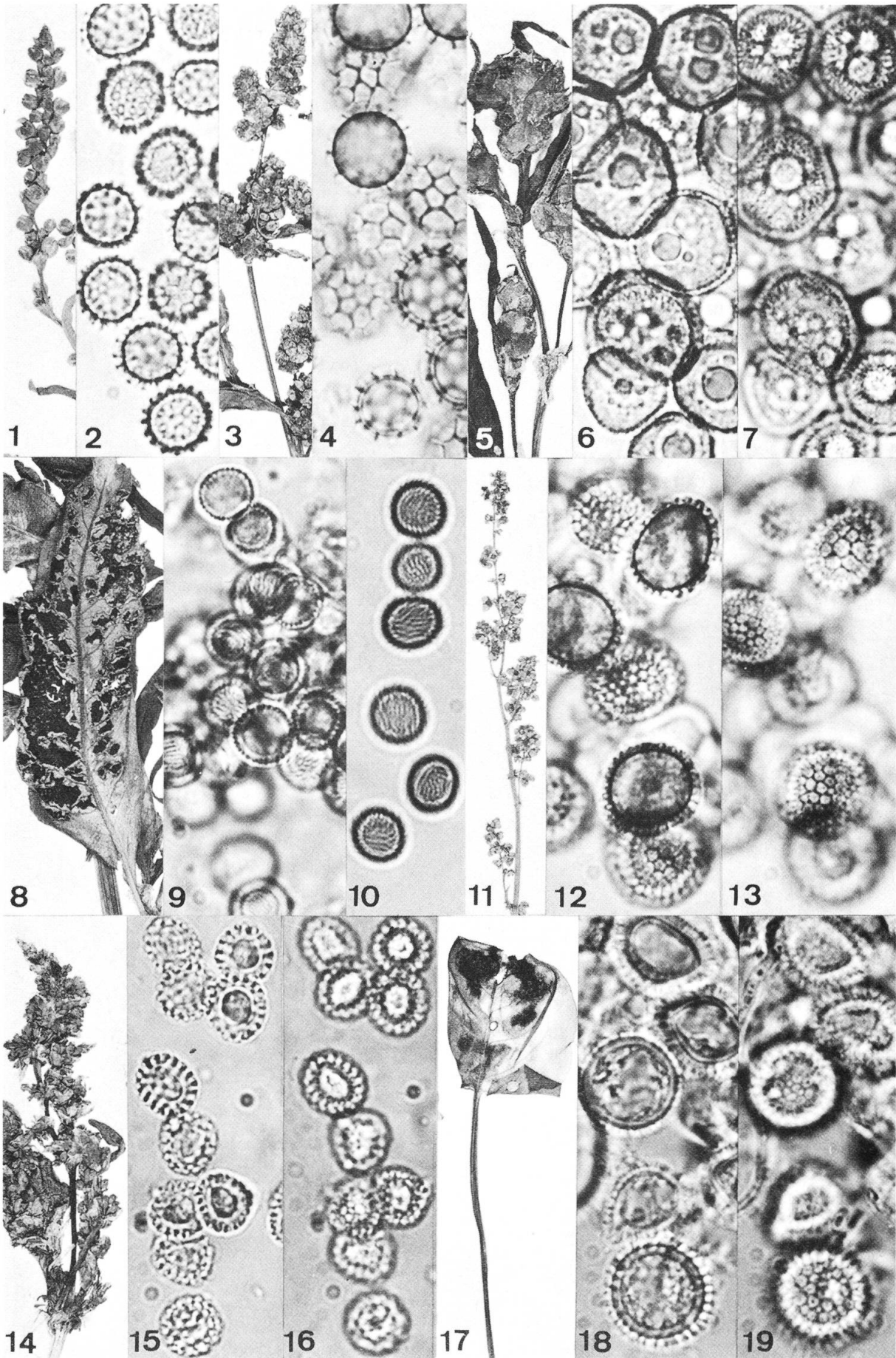
USTILAGO, Polygonaceae, *Rumex*, Ovarien

11.-13. *U. stygia*, *Rumex acetosa* (Hab. 0.7 × ; Sp. 1000 × ; Sp. 1000 ×)

14.-16. *U. warmingii*, *Rumex domesticus* (Hab. 0.7 × ; Sp. 1000 × ; Sp. 1000 ×)

USTILAGO, Polygonaceae, *Rumex*, Blatt

17.-19. *U. goeppertiana*, *Rumex arifolius* (Hab. 0.8 × ; Sp. 1000 × ; Sp. 1000 ×)



Tafel 39

USTILAGO, Polygonaceae, *Rumex*, vegetative Teile + Infloreszenzen

1.-3. *U. kuehneana*, *Rumex acetosella* (Hab. 2.7 × ; Sp. 1000 × ; Sp. 1000 ×)

4.-6. *U. parlatoresi*, *Rumex alpinus* (Hab. 0.6 × ; Sp. 1000 × ; Sp. 1000 ×)

USTILAGO, Caryophyllaceae, Kapseln

7.-8. *U. duriaeana*, *Cerastium semidecandrum* (Hab. 1.0; Sp. 1000 ×)

9.-11. *U. holostei*, *Holosteum umbellatum* (Hab. 0.8 × ; Sp. 1000 × ; Sp. 1000 ×)

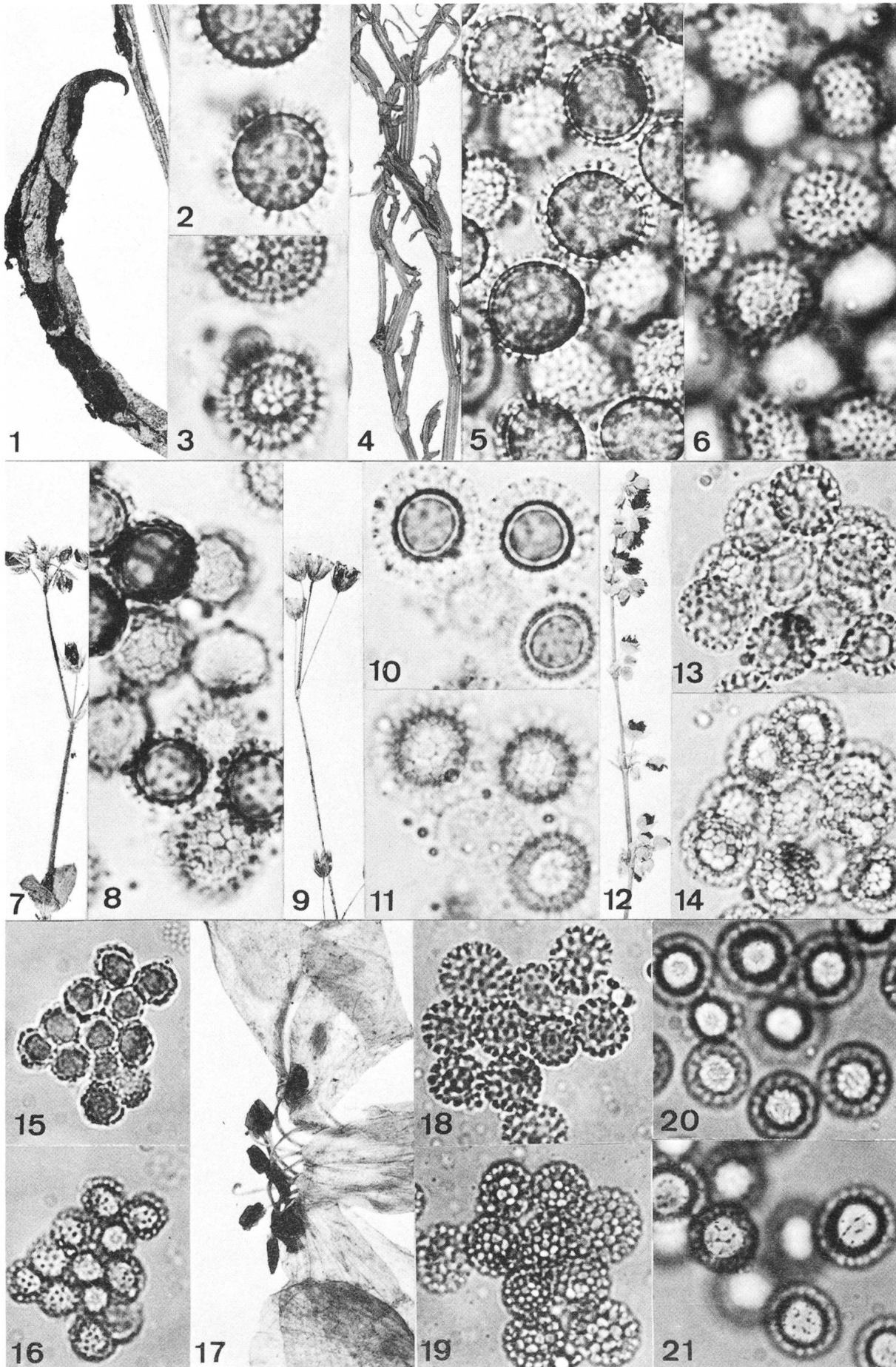
12.-14. *U. major*, *Silene otites* (Hab. 0.7 × ; Sp. 1000 × ; Sp. 1000 ×)

USTILAGO, Caryophyllaceae, Antheren

15.-16. *U. gaussenii*, *Silene italica* (Sp. 1000 × ; Sp. 1000 ×)

17.-19. *U. violacea*, *Saponaria officinalis* (Hab. 3.1 × ; Sp. 1000 × ; Sp. 1000 ×)

20.-21. *U. violaceo-irregularis*, *Silene vulgaris* (Sp. 1000 × ; Sp. 1000 ×)



Tafel 40

USTILAGO, Cruciferae

- 1.-2. *U. thlaspeos*, *Thlaspi corymbiflora* (Hab. 33 × ; Sp. 1000 ×)

USTILAGO, Oxalidaceae

- 3.-5. *U. oxalidis*, *Oxalis europaea* (Hab. 1.0 × ; Sp. 1000 × ; Sp. 1000 ×)

USTILAGO, Labiatae

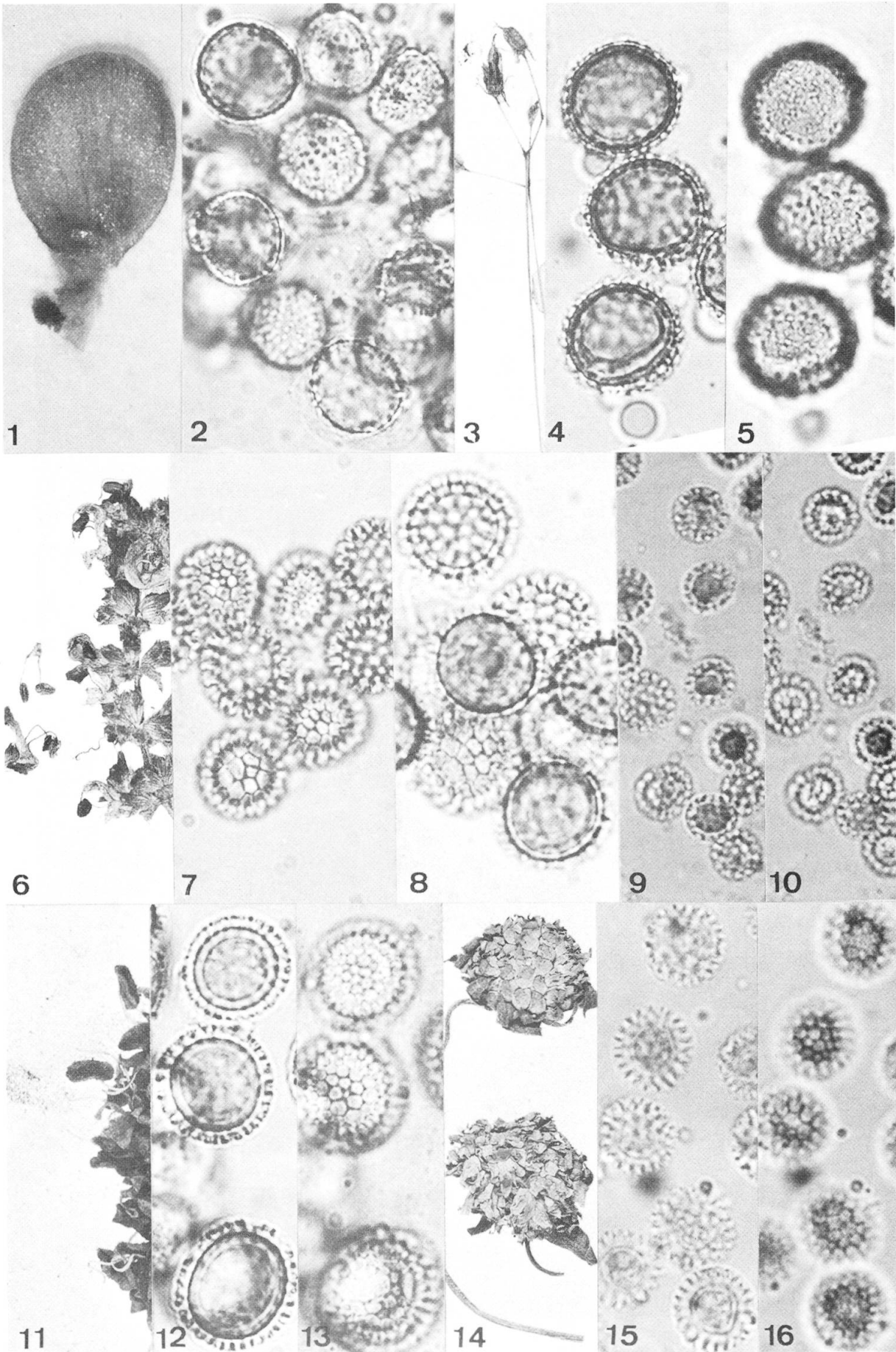
6. *U. betonicae*, *Salvia pratensis* (Hab. 0.9 ×)
7. *U. betonicae*, *Betonica alopecuros* (Sp. 1000 ×)
8. *U. betonicae*, *Salvia pratensis* (Sp. 1000 ×)

USTILAGO, Lentibulariaceae

- 9.-10. *U. pinguiculae*, *Pinguicula alpina* (Sp. 1000 × ; Sp. 1000 ×)

USTILAGO, Dipsacaceae

11. *U. flosculorum*, *Knautia silvatica* (Hab. 2.9 ×)
12.-13. *U. flosculorum*, *Knautia arvensis* (Sp. 1000 × ; Sp. 1000 ×)
14.-16. *U. scabiosae*, *Knautia arvensis* (Hab. 0.9 × ; Sp. 1000 × ; Sp. 1000 ×)



Tafel 41

USTILAGO, USTILENTYLOMA

A: USTILAGO, Compositae

- 1.-3. *U. cardui*, *Carduus defloratus* (Hab. 1.0 × ; Sp. 1000 × ; Sp. 1000 ×)
- 4.-5. *U. cichorii*, *Cichorium intybus* (Hab. 2.7 × ; Sp. 1000 ×)
- 6.-8. *U. scolymi*, *Scolymus hispanicus* (Hab. 0.8 × ; Sp. 1000 × ; Sp. 1000 ×)
- 9.-11. *U. scorzonerae*, *Scorzonera humilis* (Hab. 0.7 × ; Sp. 1000 × ; Sp. 1000 ×)
- 12.-13. *U. tragopogonis-pratensis*, *Tragopogon pratensis* (Hab. 0.7 × ; Sp. 1000 ×)

B: USTILENTYLOMA, Gramineae

- 1.-2. *U. fluitans*, *Glyceria fluitans* (Hab. 1.0 × ; Sp. 1000 ×)

