

Plate 1

“Challenger” Station 270

Figs. 1a–c. *Actinomma arcadophorum* Haeckel 1887

Station 270, Slide reg. no. 90.4.3.16

Figs. 2a–c. *Spongosphaera streptacantha* Haeckel 1860

Station 270, Slide reg. no. 90.4.3.16

Fig. 3. *Spongosphaera streptacantha* Haeckel 1860

Station 270, Slide reg. no. 90.4.3.16

Fig. 4. *Spongosphaera streptacantha* Haeckel 1860

Station 270, Slide reg. no. 90.4.3.16

Figs. 5a–c. *Spongosphaera streptacantha* Haeckel 1860

Station 270, Slide reg. no. 90.4.3.16

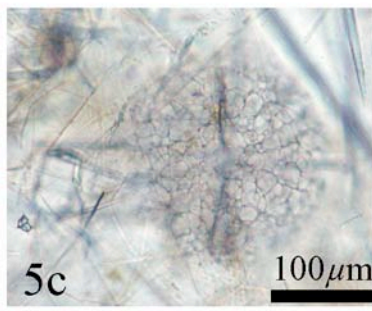
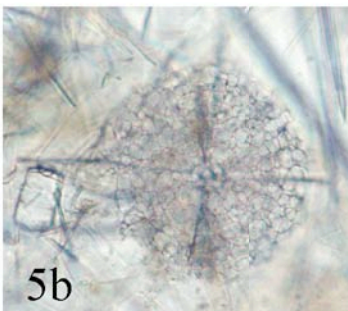
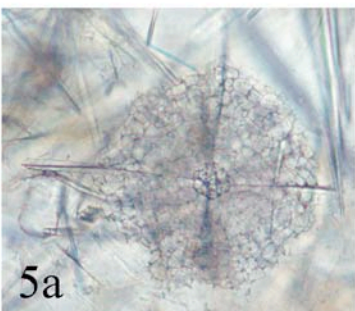
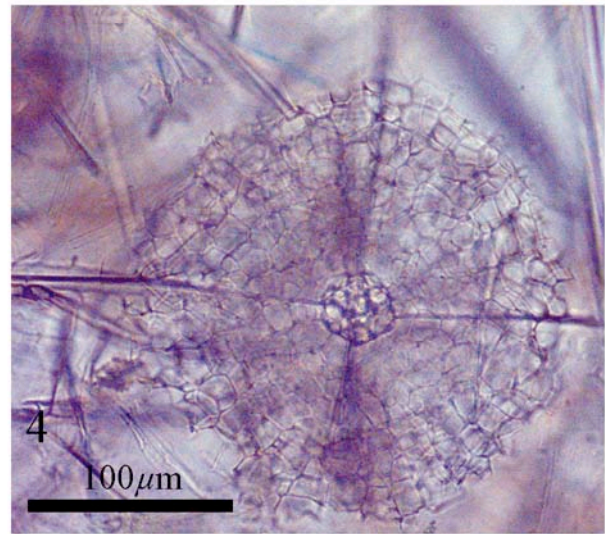
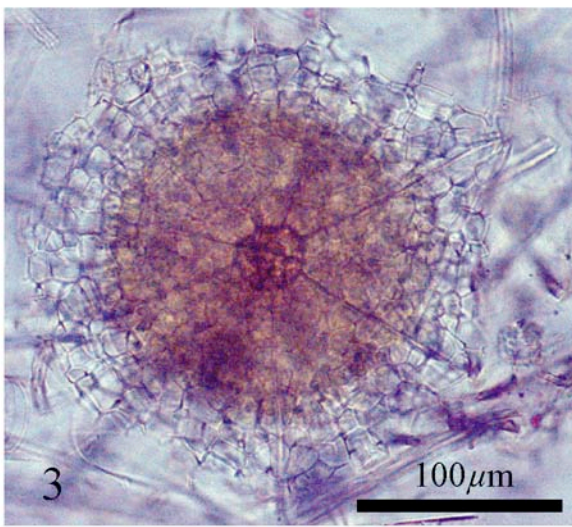
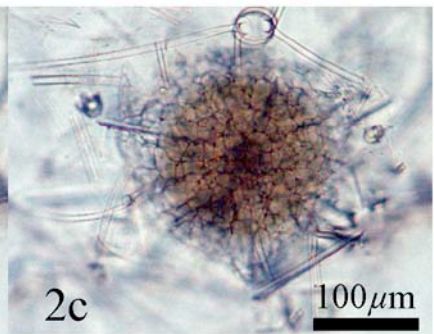
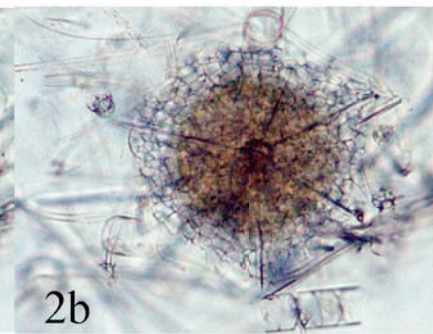
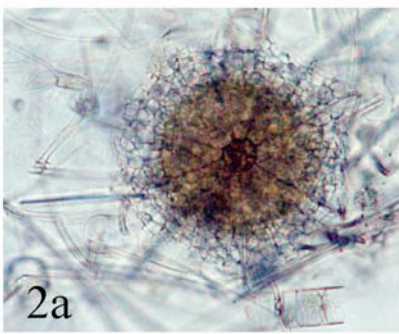
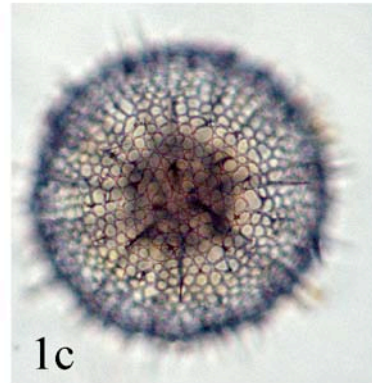
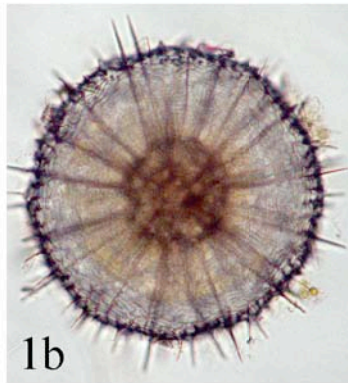
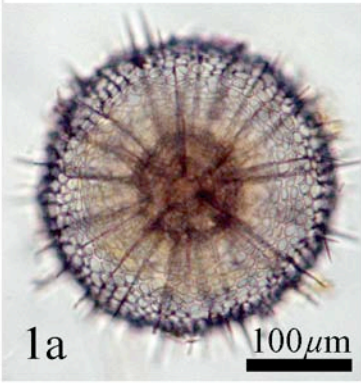


Plate 2

“Challenger” Station 270

Figs. 1a-1b. *Dictyocoryne angulata* Ehrenberg 1872a .

Station 270, Slide reg. no. 90.4.3.16

Fig. 2. *Spongaster tetras tetras* Ehrenberg 1861a.

Station 270, Slide reg. no. 90.4.3.17

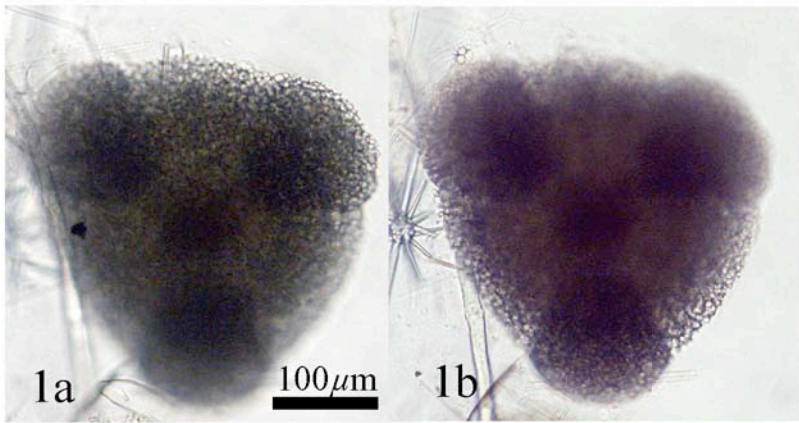
Figs. 3a-3c. *Arachnosphaera oligacantha* Haeckel 1860

Station 270, Slide reg. no. 90.4.3.16

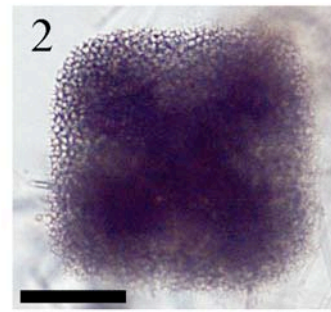
Figs. 4a-4d. *Spongosphaera aff. streptacantha* Haeckel 1860

Station 270, Slide reg. no. 90.4.3.17

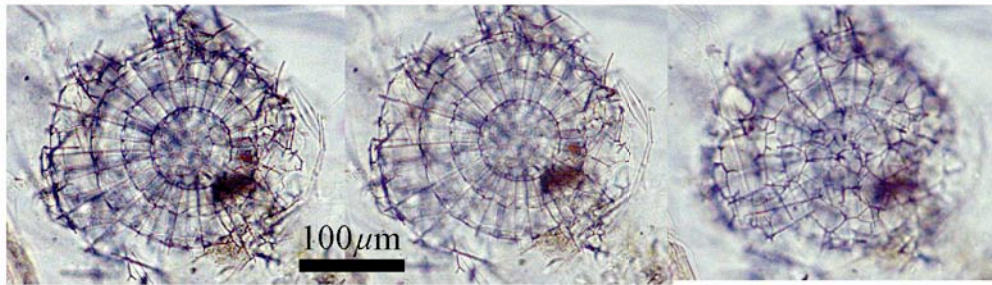
Plate 2



Sta.270(90.4.3.16)



100µm
Sta.270 (90.4.3.17)

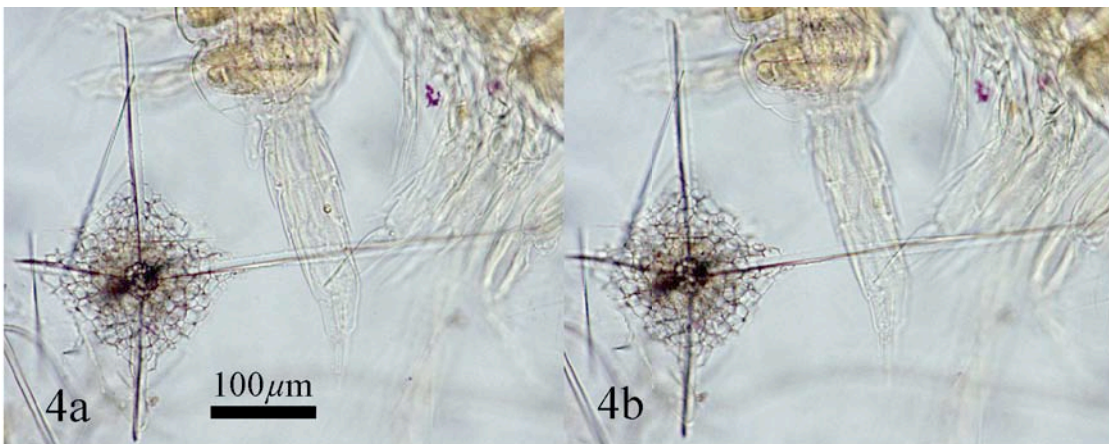


3a

3b

3c

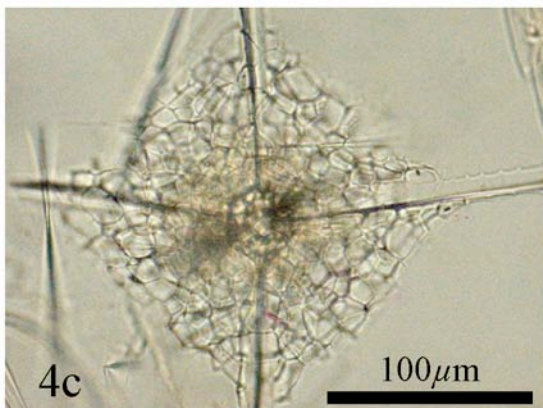
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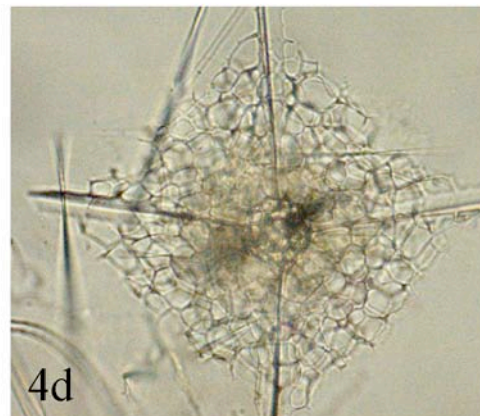
4a

4b

Sta.270 (90.4.3.17)



4c



4d

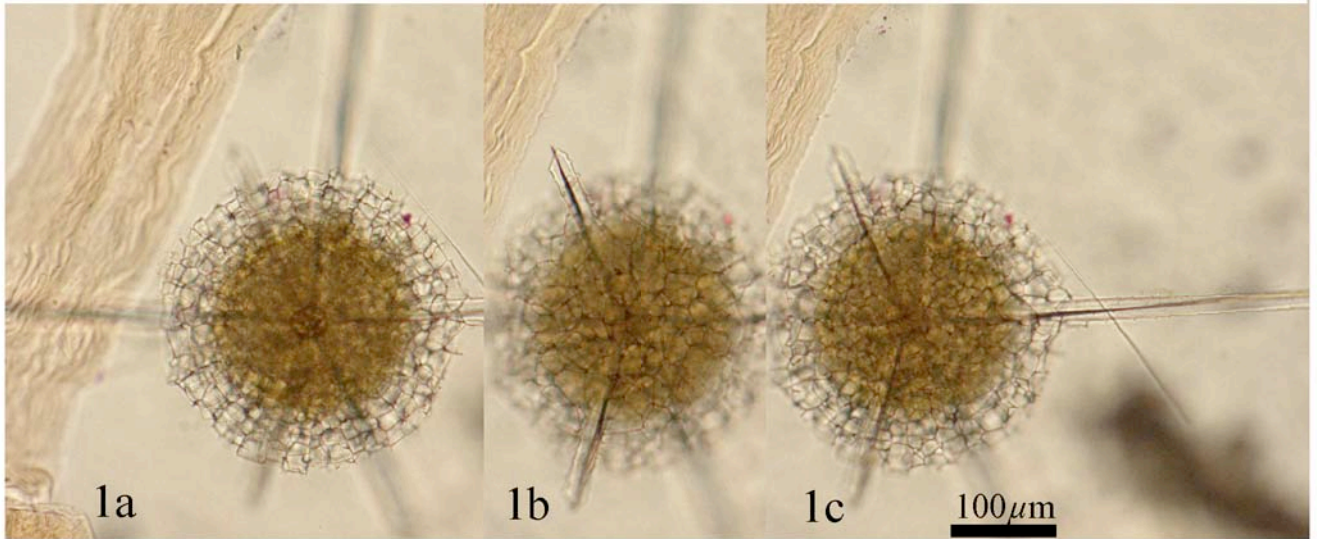
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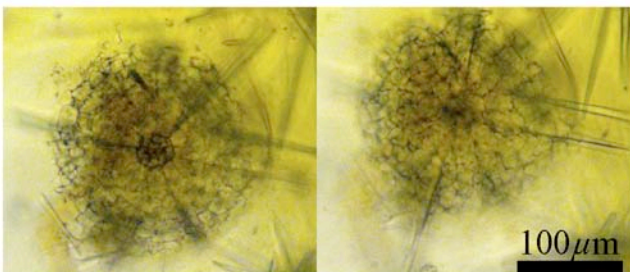
Plate 3

“Challenger” Station 270

- Figs. 1a-1c. *Spongosphaera streptacantha* Haeckel 1860
Station 270, Slide reg. no. 90.4.3.17
- Figs. 2a-2b. *Spongosphaera streptacantha* Haeckel 1860
Station 270, Slide reg. no. 90.4.3.13
- Figs. 3a-3b. *Spongosphaera streptacantha* Haeckel 1860
Station 270, Slide reg. no. 90.4.3.13
- Fig. 4. *Flustrella arachnia* (Müller 1858)
Station 270, Slide reg. no. 90.4.3.18
- Figs. 5a-5b. *Didymocyrtis tetrathalamus tetrathalamus* Haeckel 1887
Station 270, Slide reg. no. 90.4.3.18
- Figs. 6a-6b. **Pyloniidae gen. et sp. indet.**
Station 270, Slide reg. no. 90.4.3.18
- Figs. 7a-7b. *Spongaster tetras tetras* Ehrenberg 1861a
Station 270, Slide reg. no. 90.4.3.13



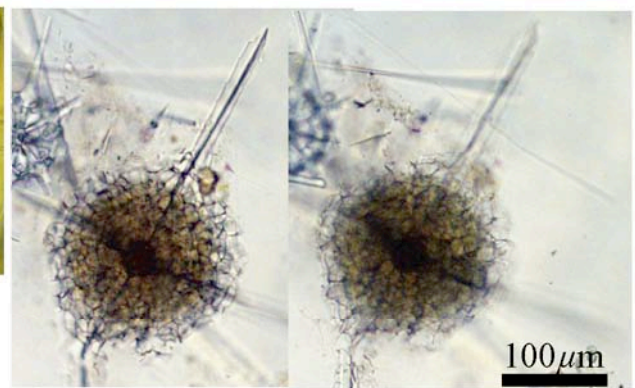
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2a

2b

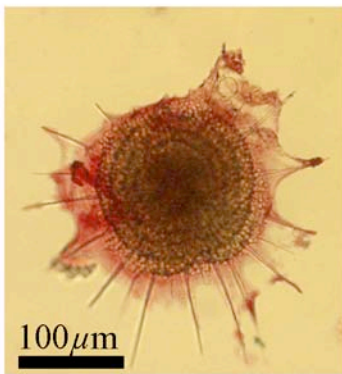
Sta.270 (90.4.3.13)



3a

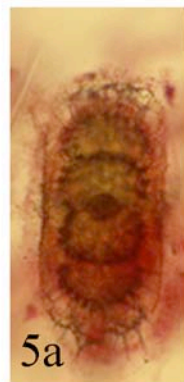
3b

Sta.270 (90.4.3.13)



4

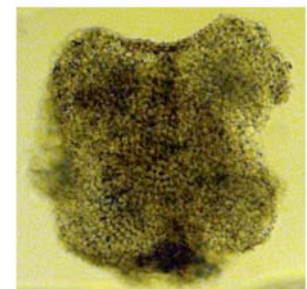
Sta.270 (90.4.3.18)



5a

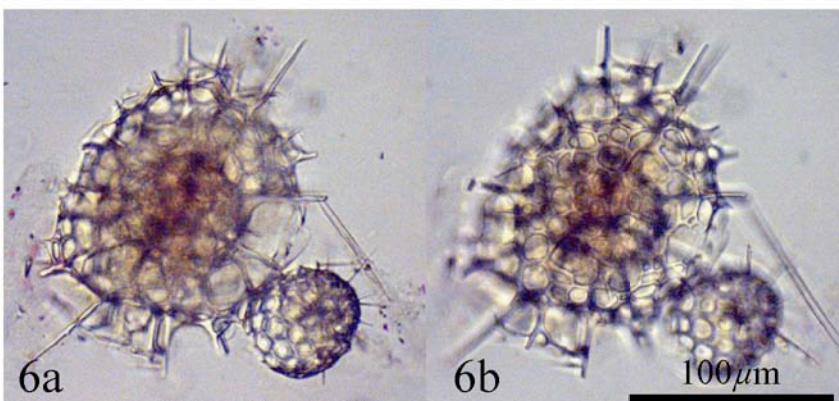


5b



7a

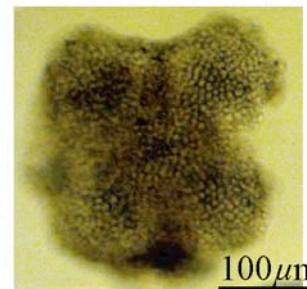
Sta.270 (90.4.3.13)



6a

6b

Sta.270 (90.4.3.13)



7b

Plate 4

“Challenger” Station 270

Figs. 1a-1c. *Sphaerozoum fuscum* Meyen 1834

Station 270, Slide reg. no. 90.4.3.13

Figs. 2a-2b. *Theocalyptra tricostatum* (Haeckel 1887)

Station 270, Slide reg. no. 90.4.3.13

Fig. 3. *Flustrella arachnia* (Müller 1858)

Station 270, Slide reg. no. 90.4.3.13

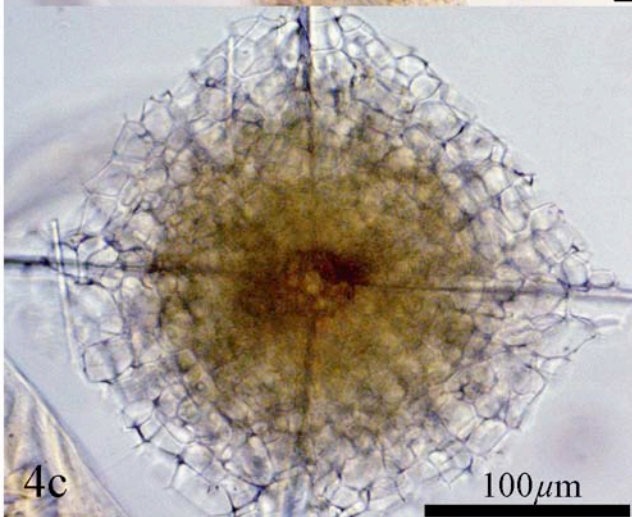
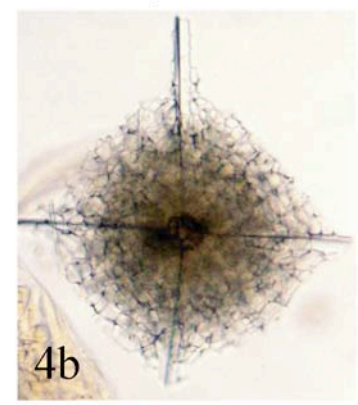
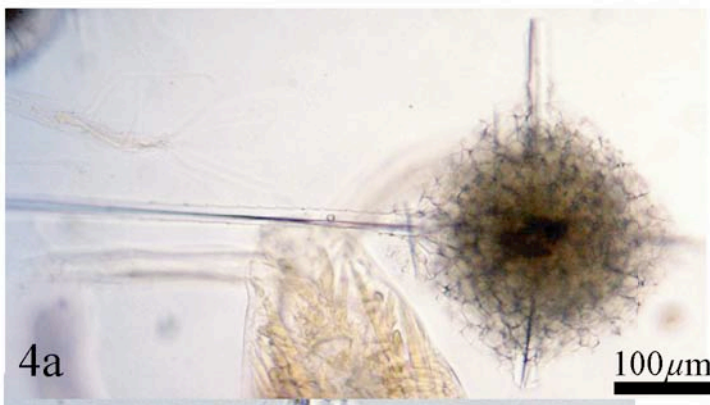
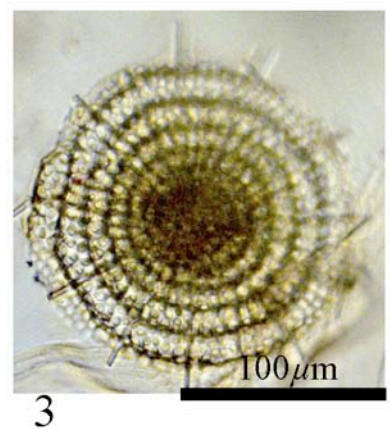
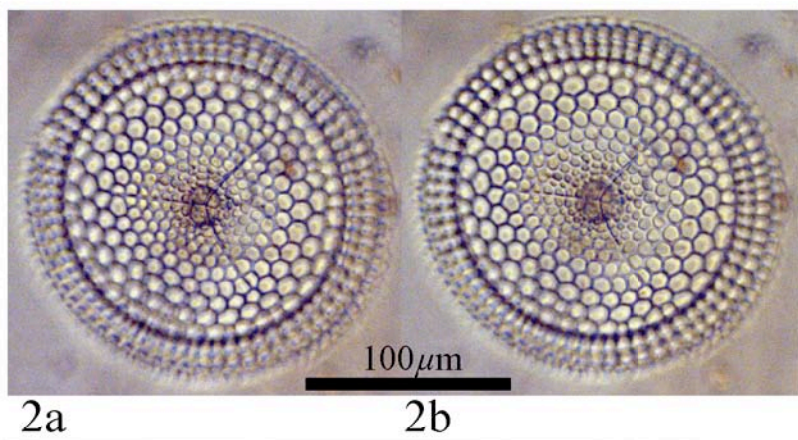
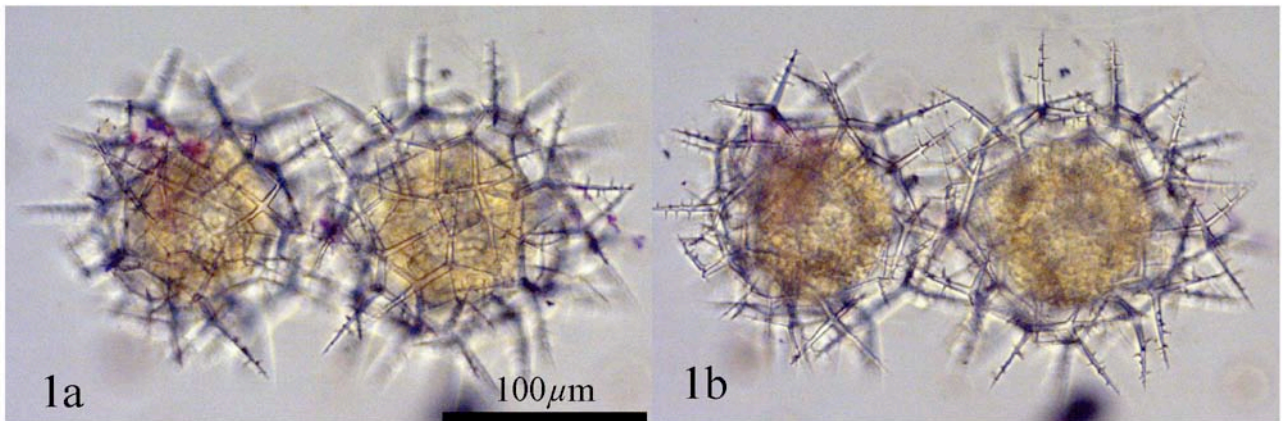
Figs. 4a-4c. *Spongosphaera streptacantha* Haeckel 1860

Station 270, Slide reg. no. 90.4.3.13

Figs. 5a-5b. *Peridium spinipes* Haeckel 1887

Station 270, Slide reg. no. 90.4.3.14

Sta.270 (90.4.3.13)



Sta.270 (90.4.3.14)

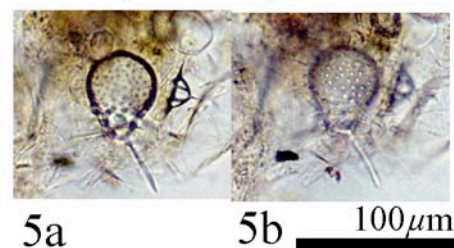


Plate 5

“Challenger” Station 270

Figs. 1a-1b. **Pyloniidae gen. et sp. indet.**

Station 270, Slide reg. no. 90.4.3.14

Figs. 2a-2b. **Pyloniidae gen. et sp. Indet.**

Station 270, Slide reg. no. 90.4.3.14

Figs. 3a-3b. ***Didymocyrtis tetrathalamus tetrathalamus*** (Haeckel 1887)

Station 270, Slide reg. no. 90.4.3.14

Figs. 4a-4b. ***Heliodiscus amphidiscus*** (Müller 1858)

Station 270, Slide reg. no. 90.4.3.14

Figs. 5a-5b. ***Plegmosphaera coronata*** Hollande et Enjumet 1960

Station 270, Slide reg. no. 90.4.3.14

Figs. 6a-6c. ***Lithomelissa spinosissima*** Tan et Chen 1976

Station 270, Slide reg. no. 90.4.3.14

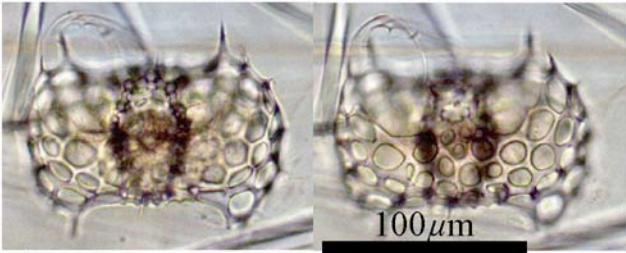
Figs. 7a-7c. ***Periarachnium myxobrachia*** (Strelkov et Reshetnyak 1959)

Station 270, Slide reg. no. 90.4.3.14

Figs. 8a-8c. ***Spongosphaera streptacantha*** Haeckel 1860

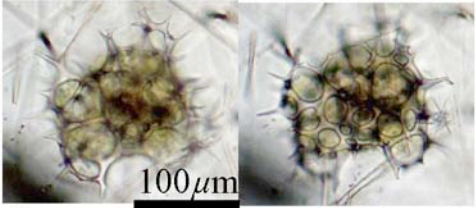
Station 270, Slide reg. no. 90.4.3.14

Sta.270 (90.4.3.14)



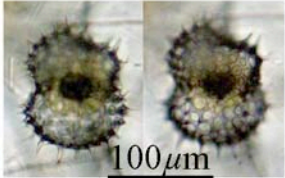
1a

1b



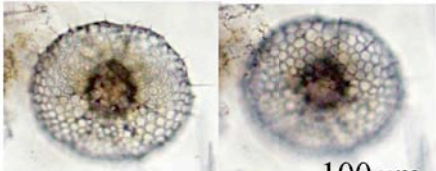
2a

2b



3a

3b

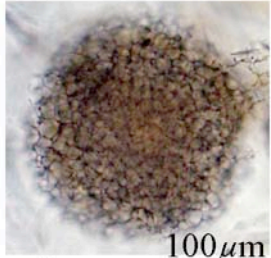


4a

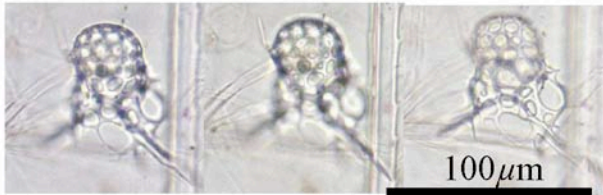
4b



5a



5b



6a

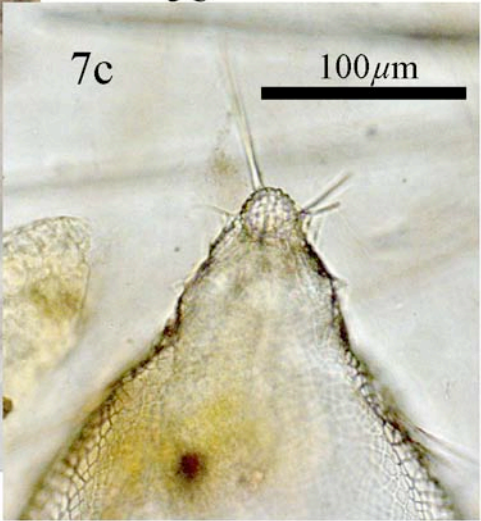
6b

6c

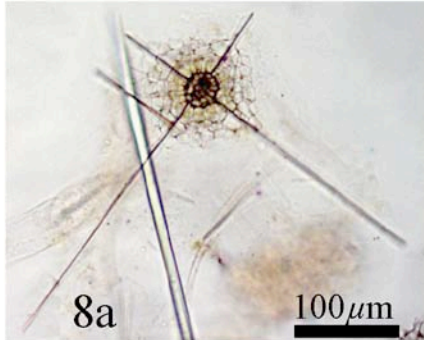


7a

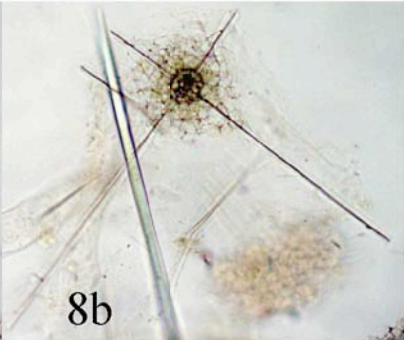
7b



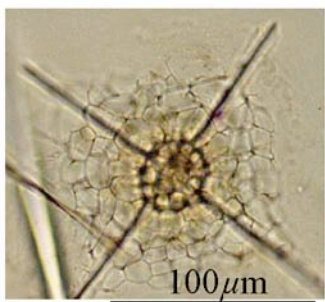
7c



8a



8b



8c

Plate 6

“Challenger” Station 270

- Figs. 1a-1b. *Spongosphaera streptacantha* Haeckel 1860
Station 270, Slide reg. no. 90.4.3.14
- Fig. 2. *Flustrella arachnia* (Müller 1858)
Station 270, Slide reg. no. 90.4.3.14
- Fig. 3. *Plegmosphaera coronata* Hollande et Enjument 1960
Station 270, Slide reg. no. 90.4.3.14
- Figs. 4a-4b. *Arachnosphaera hexasphaera* Popofsky 1912
Station 270, Slide reg. no. 90.4.3.14
- Figs. 5a-5b. *Spongosphaera streptacantha* Haeckel 1860
Station 270, Slide reg. no. 90.4.3.14

Sta.270 (90.4.3.14)

Plate 6

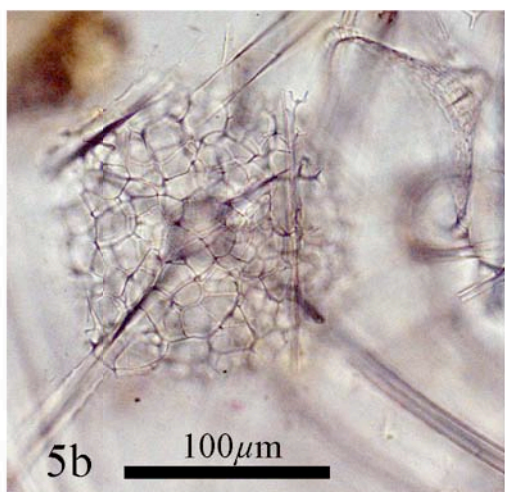
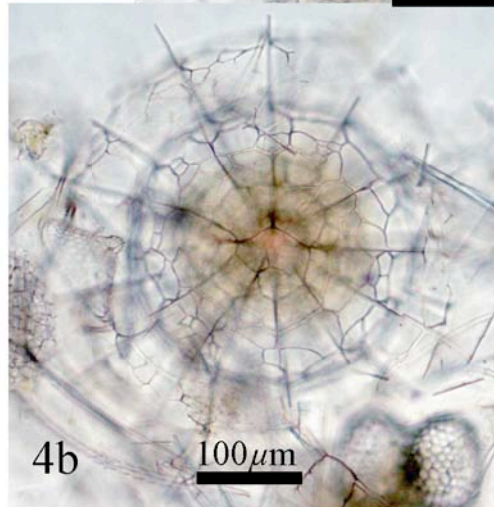
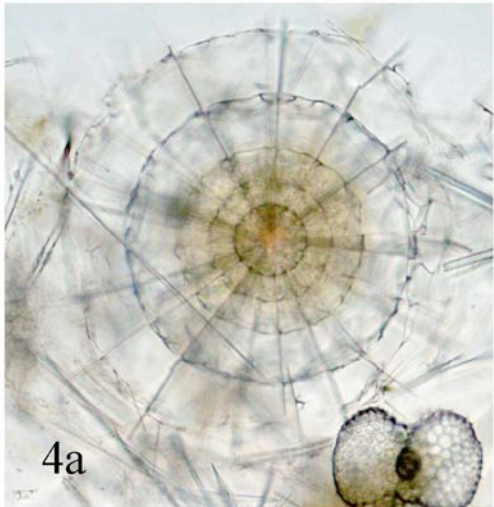
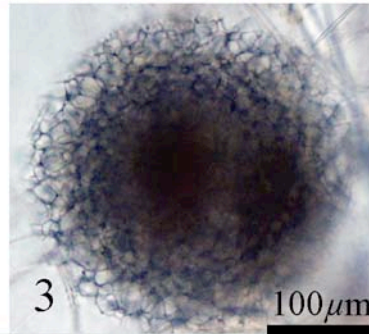
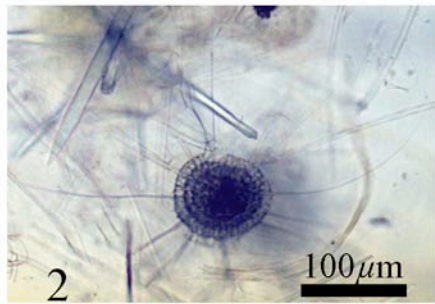
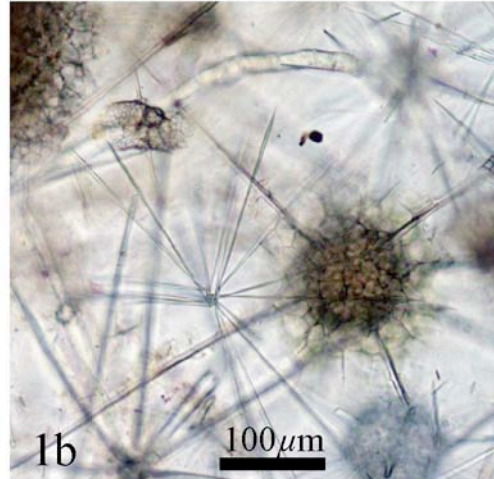
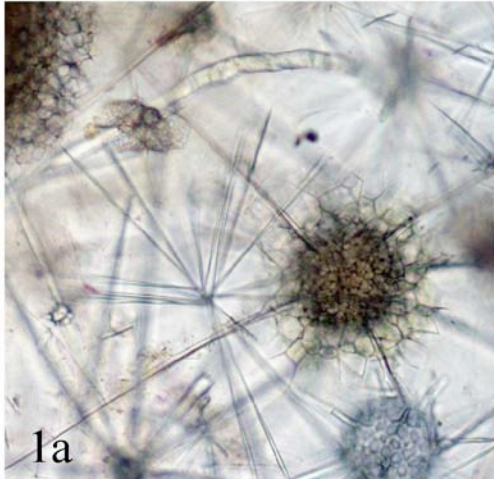


Plate 7

***“Challenger”* Station 270**

Figs. 1a-1c. *Lychnosphaera regina* Haeckel 1887

Station 270, Slide reg. no. 90.4.3.15

Figs. 2a-2b. *Phorticium polycladum* Tan et Chen 1976

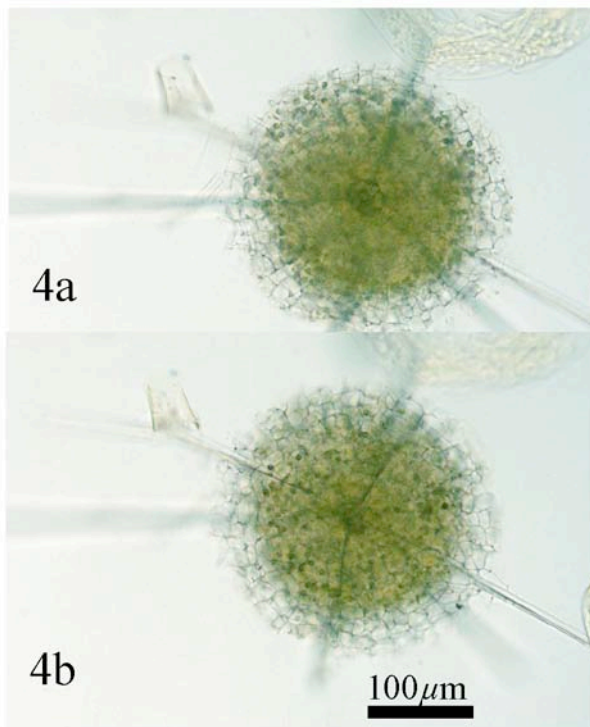
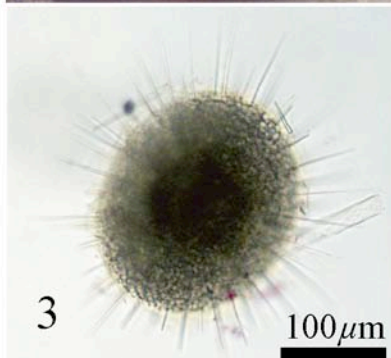
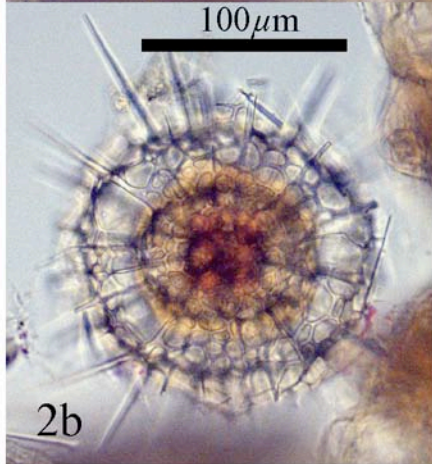
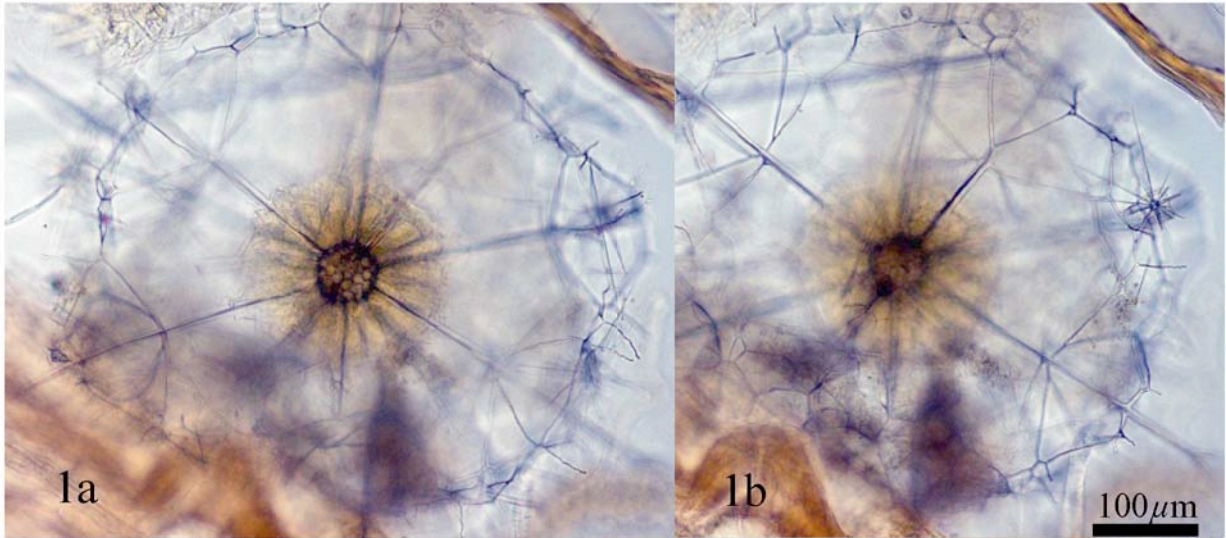
Station 270, Slide reg. no. 90.4.3.15

Fig. 3. *Spongodiscus brevispinus* Haeckel 1860

Station 270, Slide reg. no. 90.4.3.15

Figs. 4a-4b. *Spongospaera streptacantha* Haeckel 1860

Station 270, Slide reg. no. 90.4.3.15



Lychnostoma
90.4.3.15
Sta. 270

Surface animals
col. Sept. 1895
Pacific Ocean

Plate 8

“Challenger” Station 270

Figs. 1a-1c. *Lampromitra sinuosa* Popofsky 1913

Station 270, Slide reg. no. 90.4.3.145

Figs. 2a-2c. *Callimitra carolotae* Haeckel 1887

Station 270, Slide reg. no. 90.4.3.145

Fig. 3. *Cladococcus arborescens* Müller 1858

Station 270, Slide reg. no. 90.4.3.145

Fig. 4. *Spongosphaera streptacantha* Haeckel 1860

Station 270, Slide reg. no. 90.4.3.145

Figs. 5a-5b. **Acanthodesmiidae gen. et sp. indet**

Station 270, Slide reg. no. 90.4.3.145

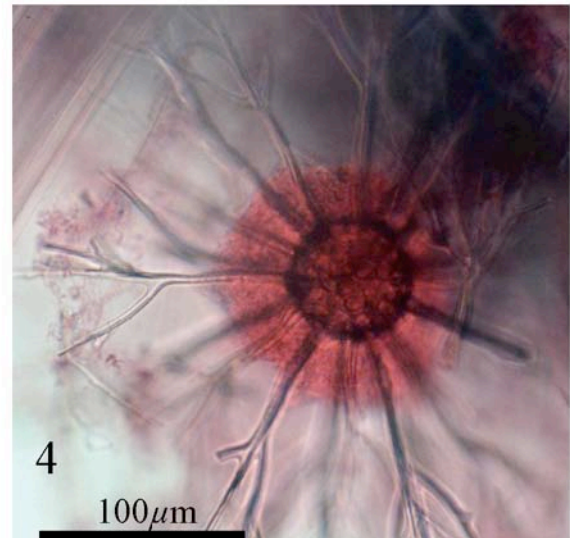
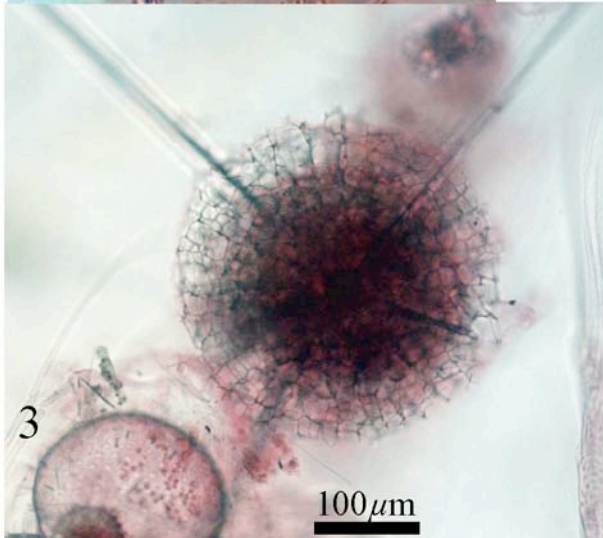
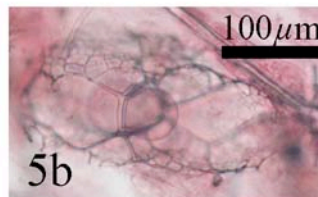
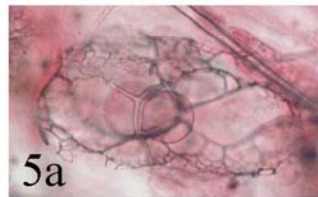
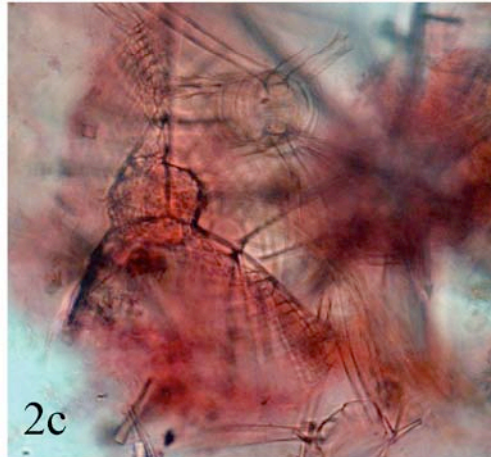
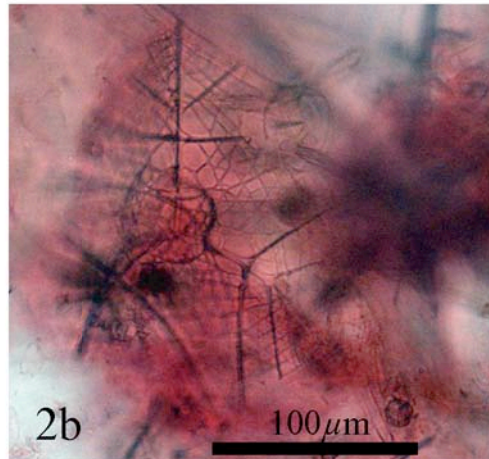
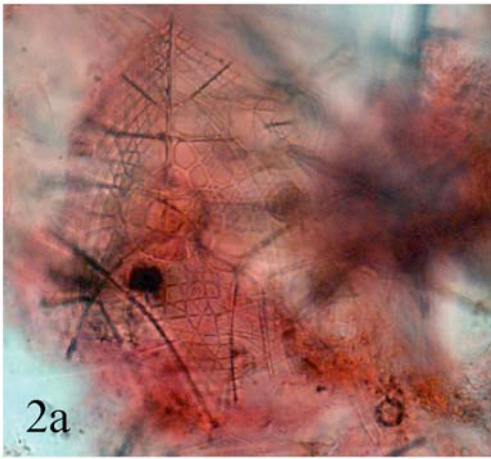
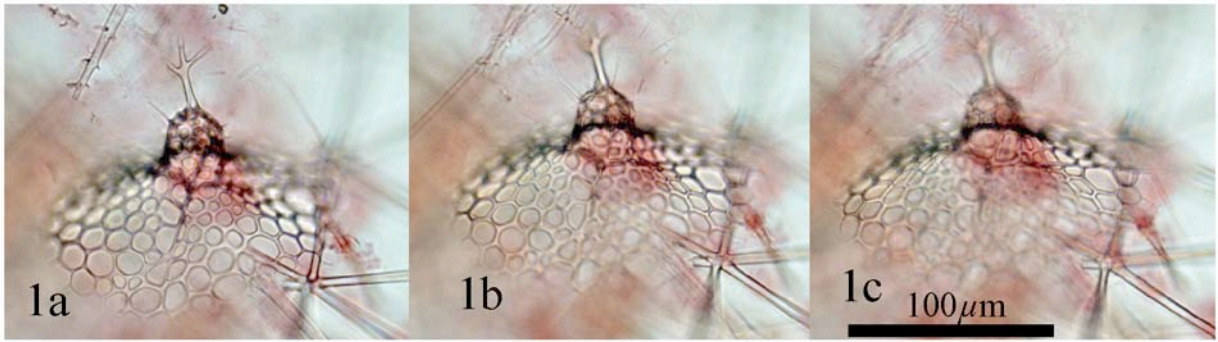


Plate 9

“Challenger” Station 270

Figs. 1a-1c. *Hexacontium elegans* (Haeckel 1887)

Station 270, Slide reg. no. 90.4.3.147

Figs. 2a-2b. *Hexacontium elegans* (Haeckel 1887)

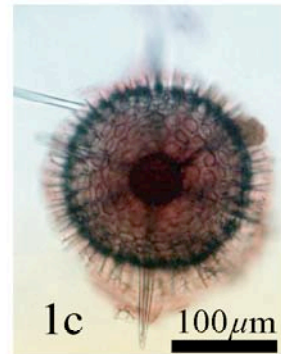
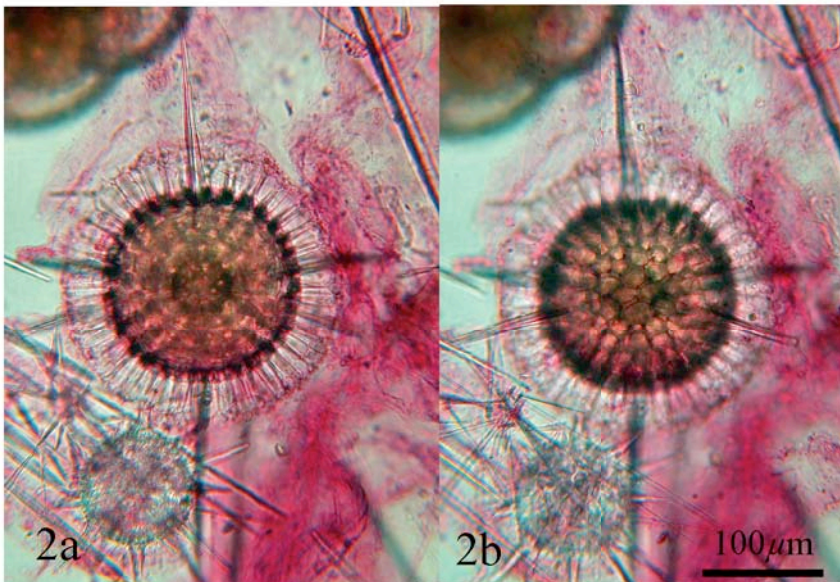
Station 270, Slide reg. no. 90.4.3.147

Fig. 3. *Hexacntium elegans* (Haeckel 1887) = *Hexacromyum elegans* Haeckel 1887

Original figure in Haeckel (1887)

Figs. 4a-4b. *Heliodeiscus amphiduscus* (Müller 1858)

Station 270, Slide reg. no. 90.4.3.147



Sta.270 (90.4.3.18)

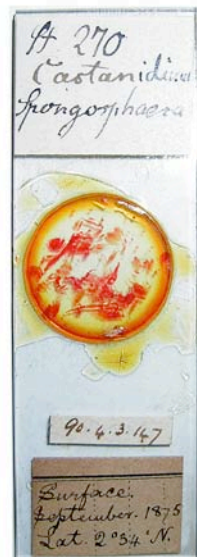
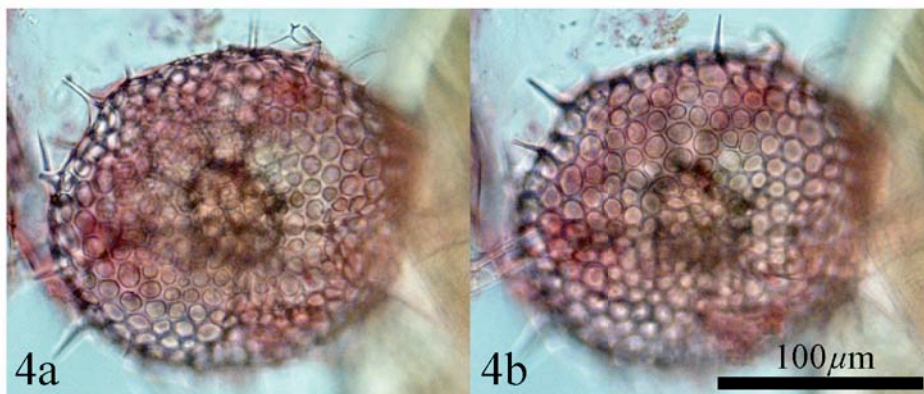


Plate 10

“Challenger” Station 270

Figs. 1a-1b. *Acanthodesmia muelleri* (Haeckel 1862)

Station 270, Slide reg. no. 90.4.3.148

Fig. 2. *Flustrella arachnia* (Müller 1858)

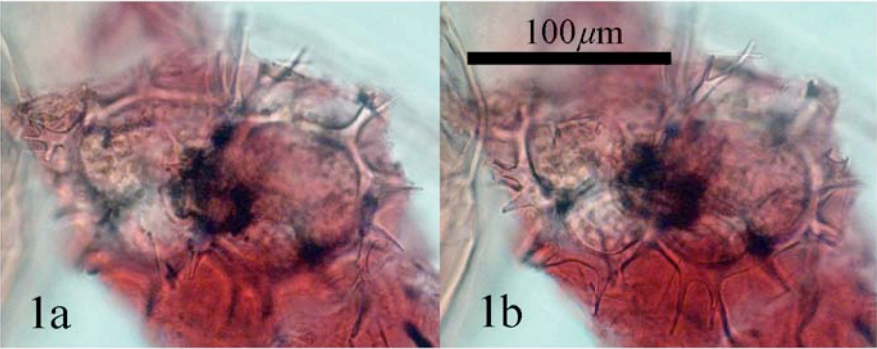
Station 270, Slide reg. no. 90.4.3.148

Figs. 3a-3b. *Spongospaera streptacantha* Haeckel 1860

Station 270, Slide reg. no. 90.4.3.148

Figs. 4a-4c. *Spongospaera streptacantha* Haeckel 1860

Station 270, Slide reg. no. 90.4.3.148



Sta.270 (90.4.3.147)

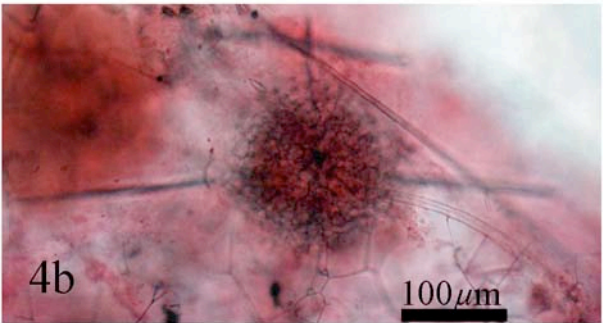
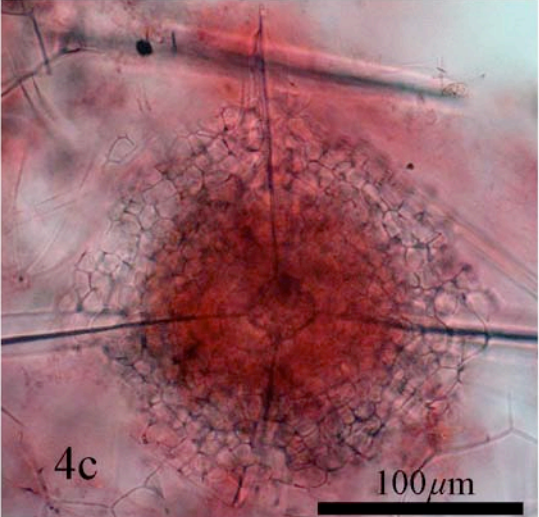
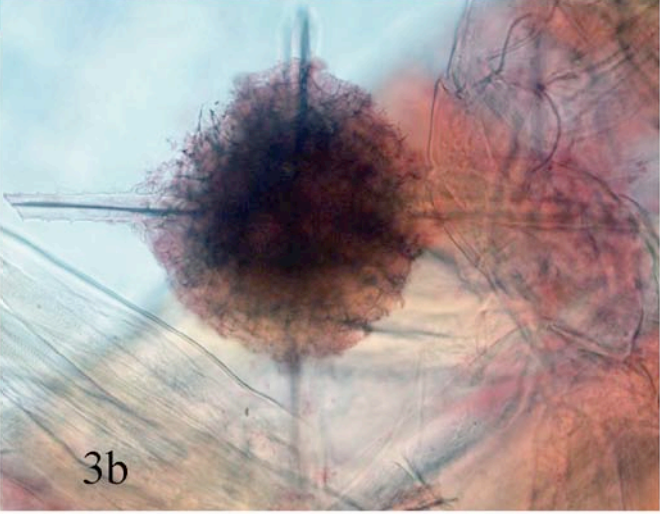
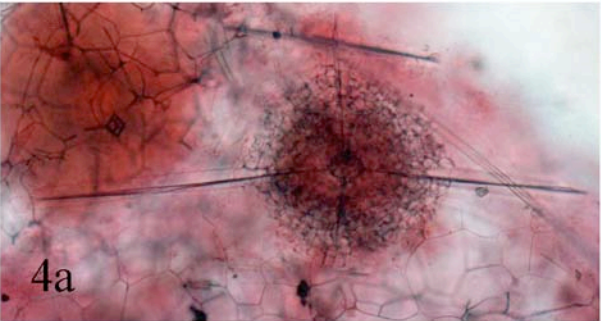
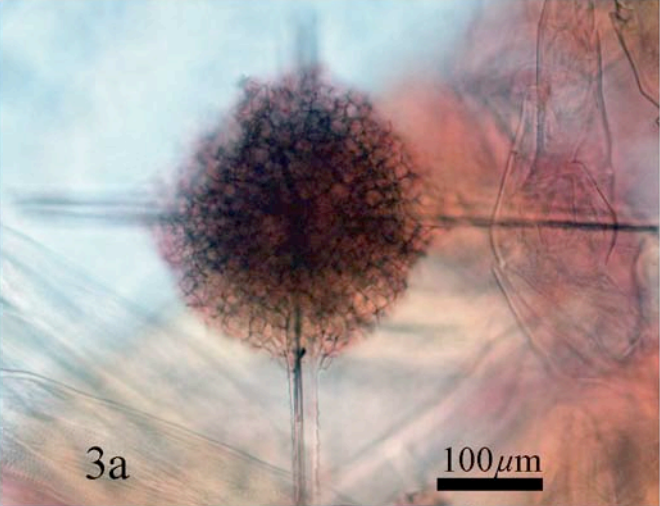
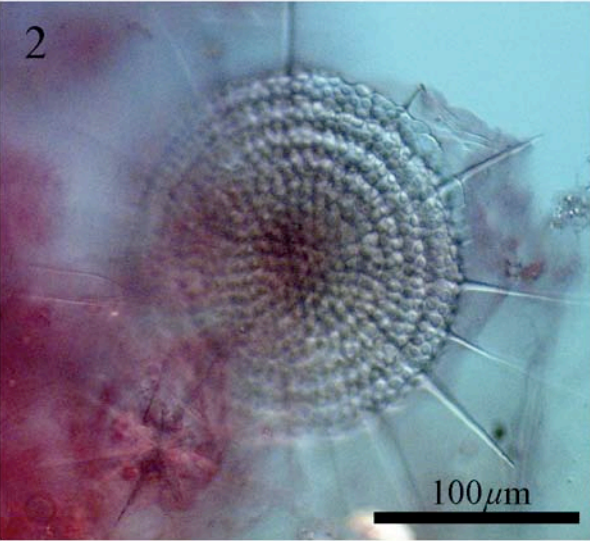


Plate 11

“Challenger” Station 270

Figs. 1a-1b. Spumellaria ?

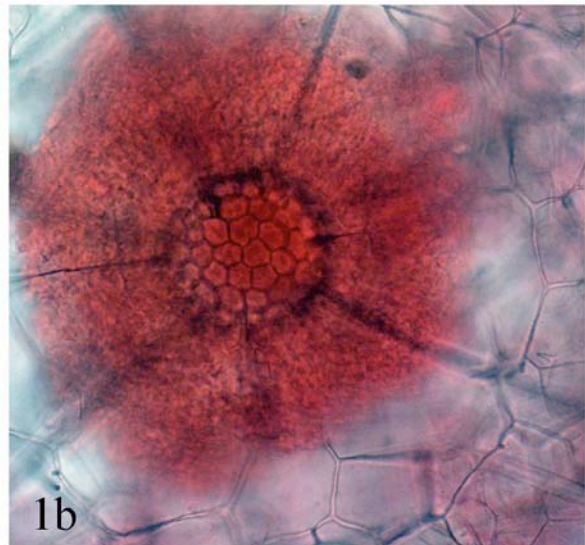
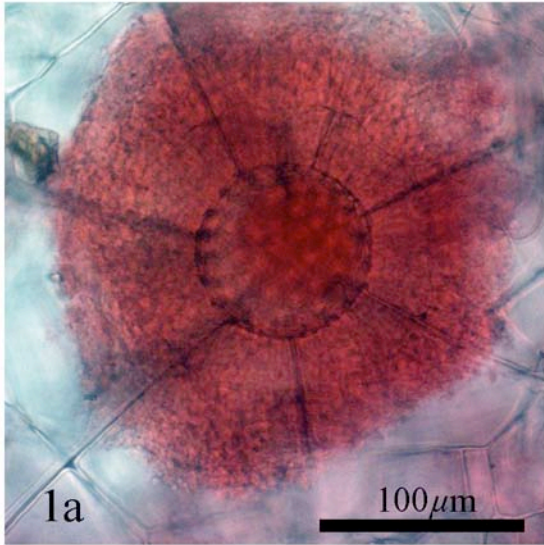
Station 270, Slide reg. no. 90.4.3.148

Figs. 2a-2b. *Spongosphaera streptacantha* Haeckel 1860

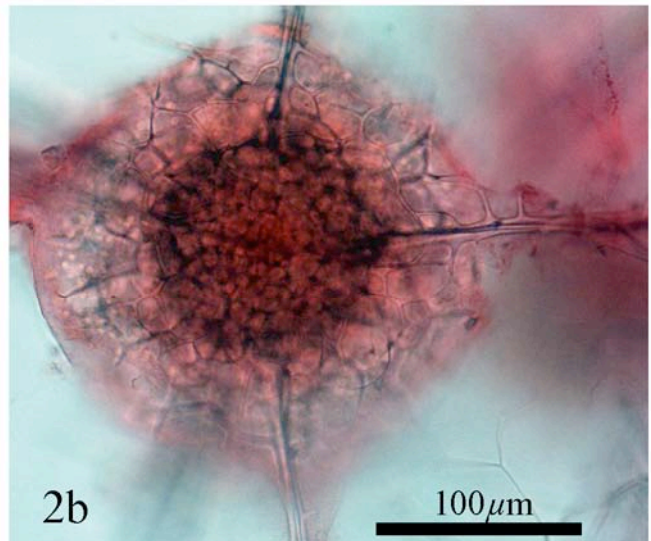
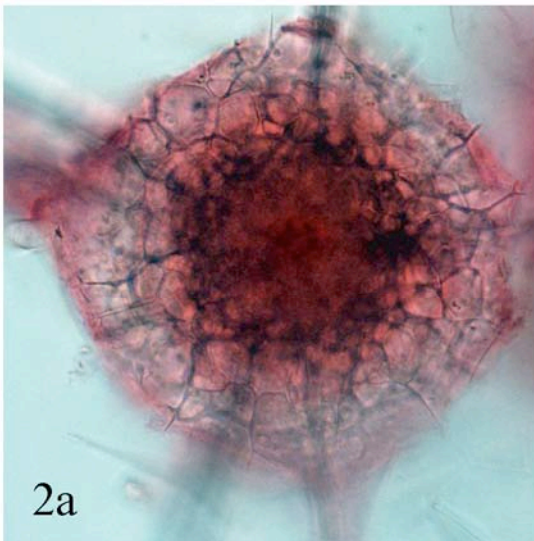
Station 270, Slide reg. no. 90.4.3.148

Figs. 3a-3b. *Spongosphaera streptacantha* Haeckel 1860

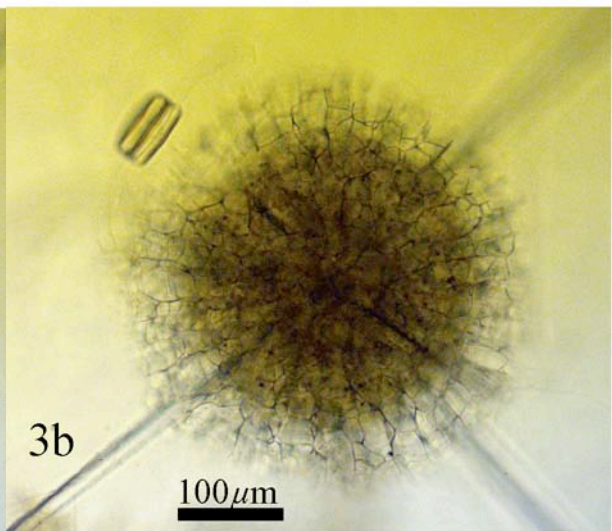
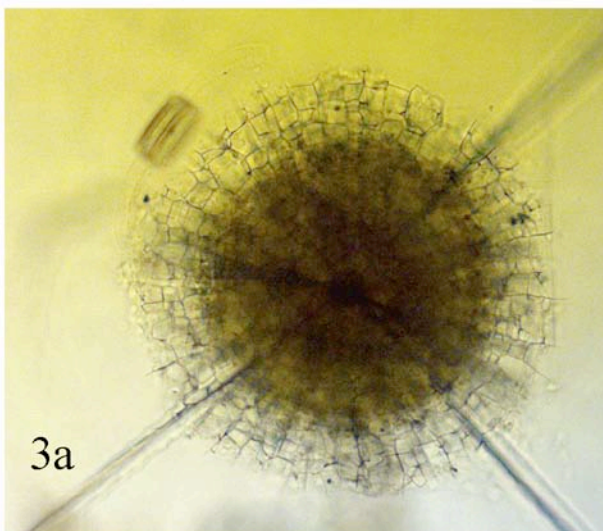
Station 270, Slide reg. no. 90.4.3.150



Sta.270 (90.4.3.148)



Sta.270 (90.4.3.148)



Sta.270 (90.4.3.150)

Plate 12

“Challenger” Station 270

Figs. 1a-1b. *Nephrospyris paradictyum* Haeckel 1887

Station 270, Slide reg. no. 90.4.3.149

Figs. 2a-2b. *Nephrospyris paradictyum* Haeckel 1887

Station 270, Slide reg. no. 90.4.3.149

Fig. 3. *Arachnocorys circumtexta* Haeckel 1860

Station 270, Slide reg. no. 90.4.3.150

Fig. 4. *Theocalyptra tricostatum* (Haeckel 1887)

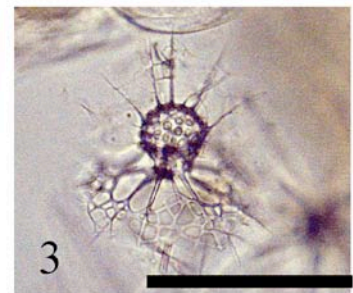
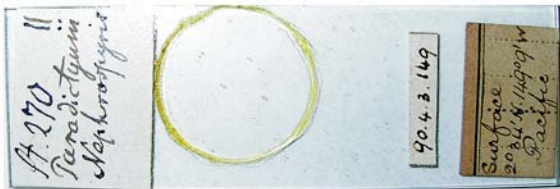
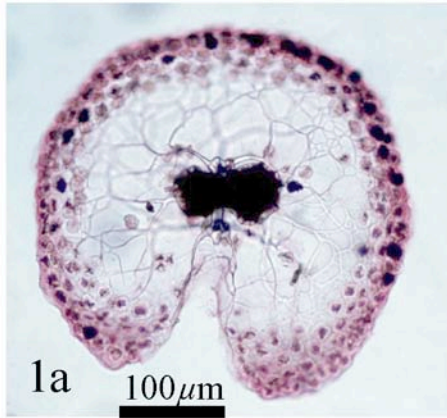
Station 270, Slide reg. no. 90.4.3.150

Figs. 5a-5b. *Pterocanium praetextum praetextum* (Ehrenberg 1872)

Station 270, Slide reg. no. 90.4.3.150

Sta.270 (90.4.3.149)

Plate 12



Sta.270 (90.4.3.150)

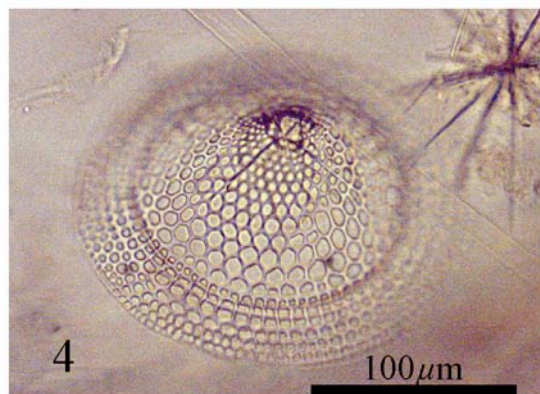
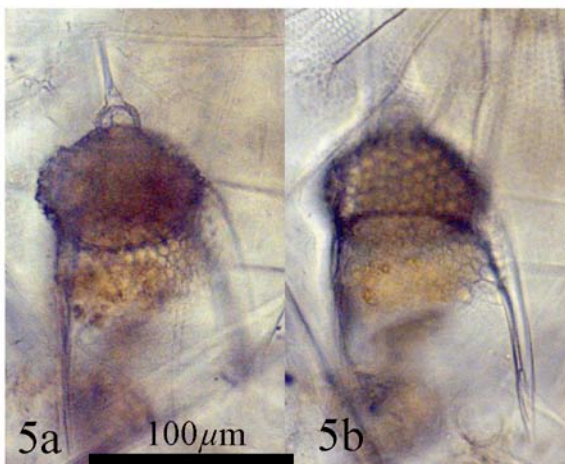


Plate 13

“Challenger” Station 270

Figs. 1a-1b. *Dictyocoryne muelleri* (Haeckel 1860)

Station 270, Slide reg. no. 90.4.3.150

Fig. 2. *Plegmosphaera entodictyon* Haeckel

Station 270, Slide reg. no. 90.4.3.150

Fig. 3. *Flustrella arachnia* (Müller 1858)

Station 270, Slide reg. no. 90.4.3.150

Figs. 4a-4c. *Spongosphaera streptacantha* Haeckel 1860

Station 270, Slide reg. no. 90.4.3.150

Sta.270 (90.4.3.150)

Plate 13

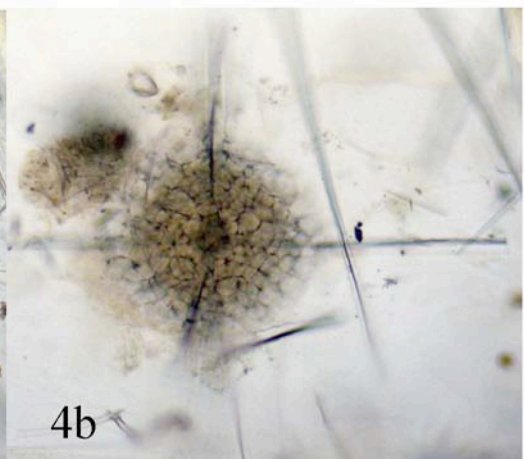
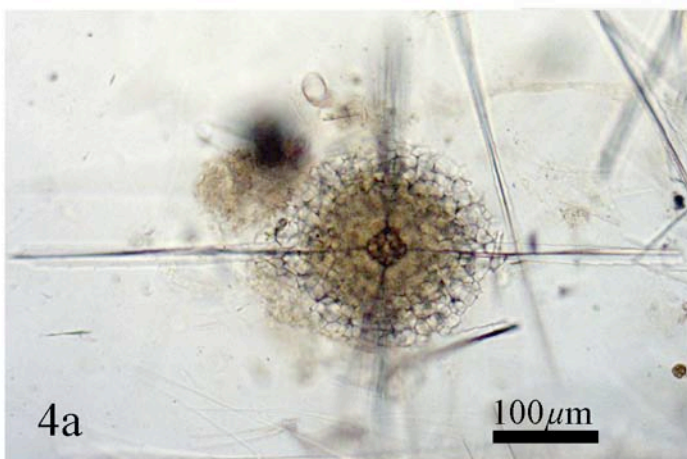
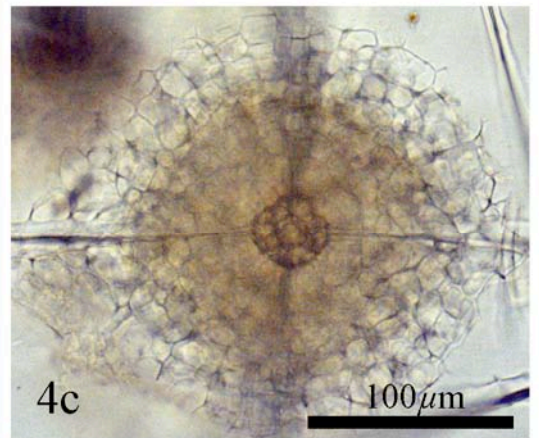
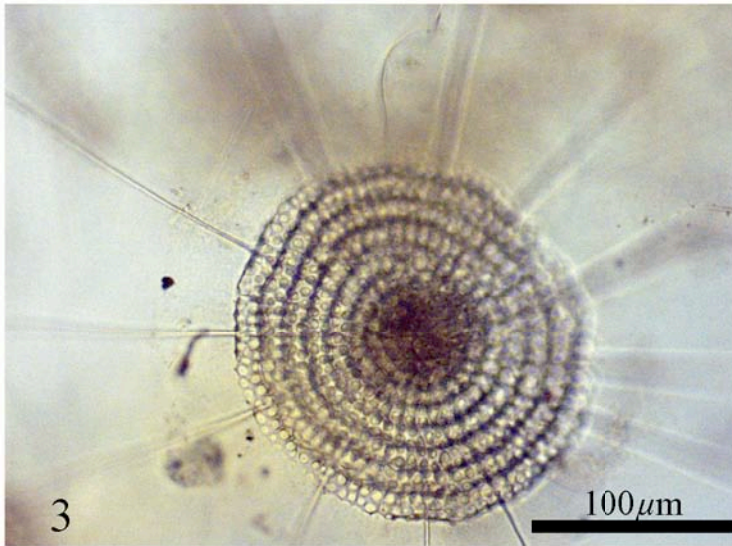
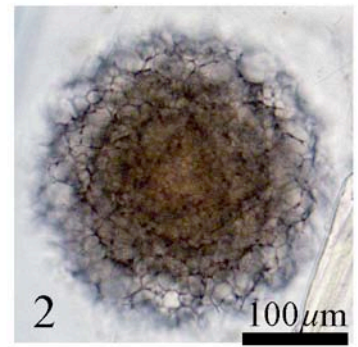
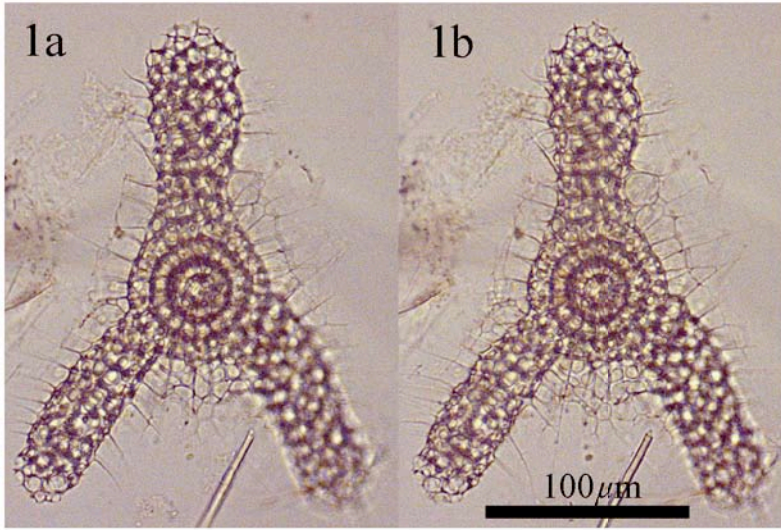


Plate 14

“Challenger” Station 270

Figs. 1a-1c. *Hexacontium* sp.

Station 270, Slide reg. no. 90.4.3.150

Figs. 2a-2b. *Cladococcus arborescens* Müller 1858

Station 270, Slide reg. no. 90.4.3.150

Figs. 3a-3b. *Spongosphaera streptacantha* Haeckel 1860

Station 270, Slide reg. no. 90.4.3.150

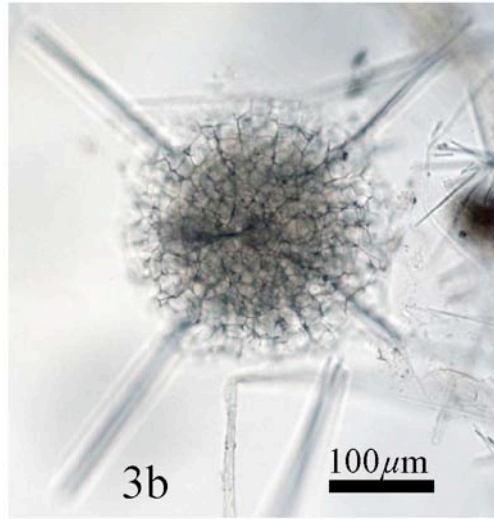
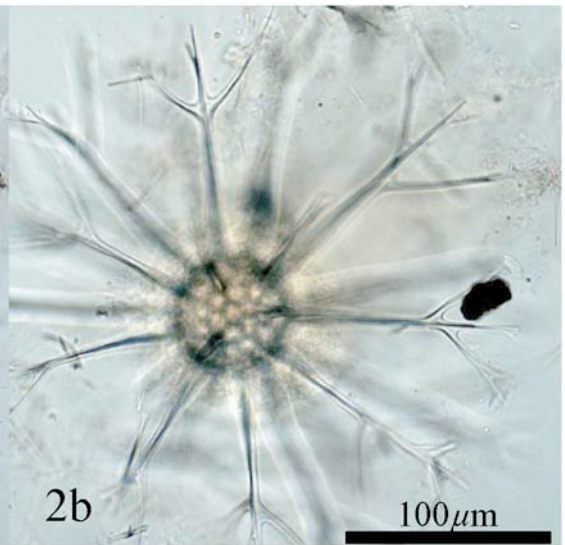
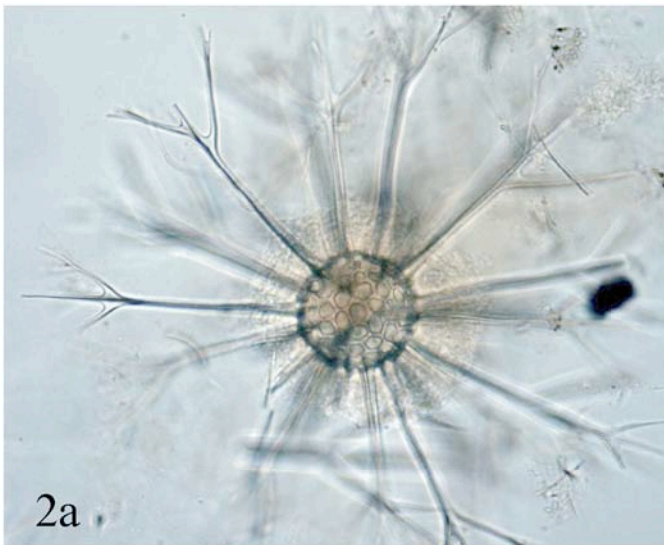
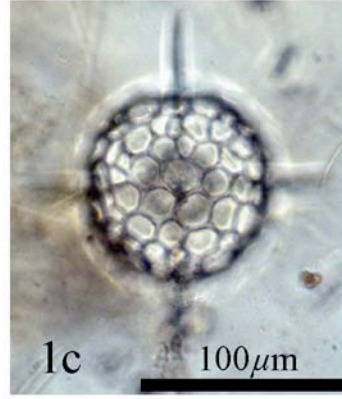


Plate 15

“Challenger” Station 271

- Fig. 1. *Arachnosphaera hexasphaera* Popofsky 1912
Station 271, Slide reg. no. 90.4.3.131
- Figs. 2a-2b. *Plegmosphaera coronata* Hollande et Enjumet 1960
Station 271, Slide reg. no. 90.4.3.131
- Figs. 3a-3b. *Actinomma* (?) sp.
Station 271, Slide reg. no. 90.4.3.131
- Fig. 4. *Lithelius* sp.
Station 271, Slide reg. no. 90.4.3.131
- Fig. 5. *Lychnosphaera regina* Haeckel 1887
Station 271, Slide reg. no. 90.4.3.131
- Figs. 6a-6b. *Dictyocoryne profunda* Ehrenbrg 1872a
Station 271, Slide reg. no. 90.4.3.131
- Figs. 7a-7b. Spumellaria ?
Station 271, Slide reg. no. 90.4.3.131

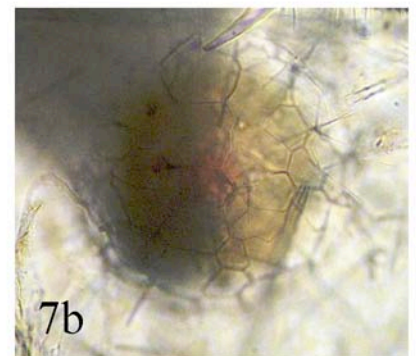
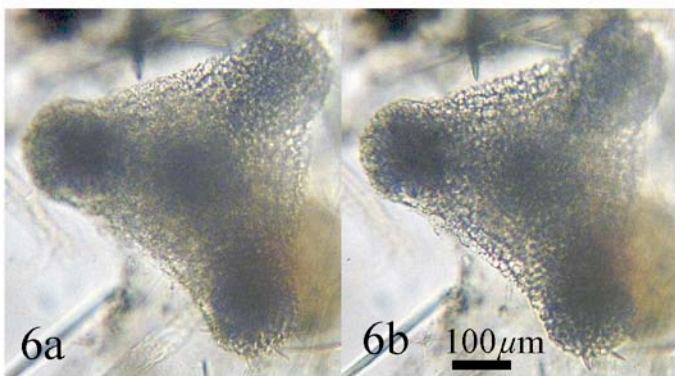
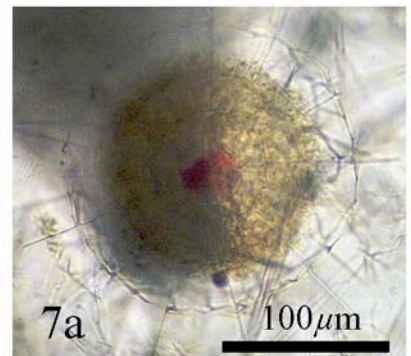
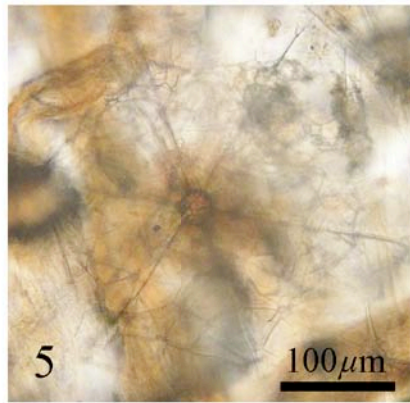
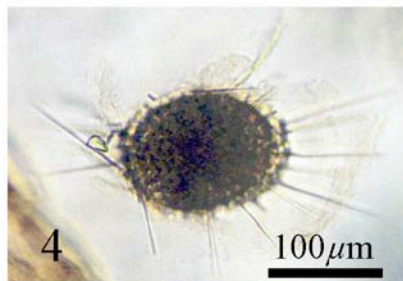
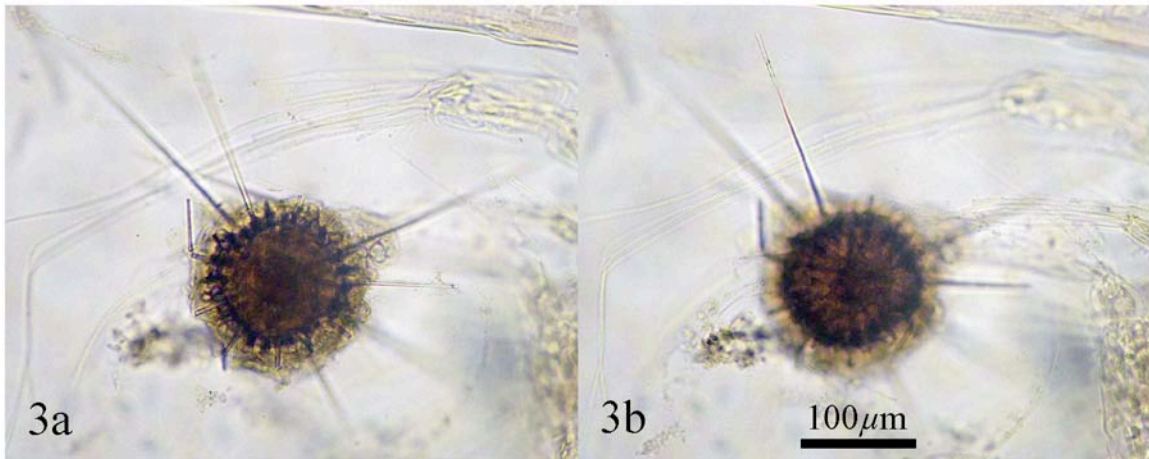
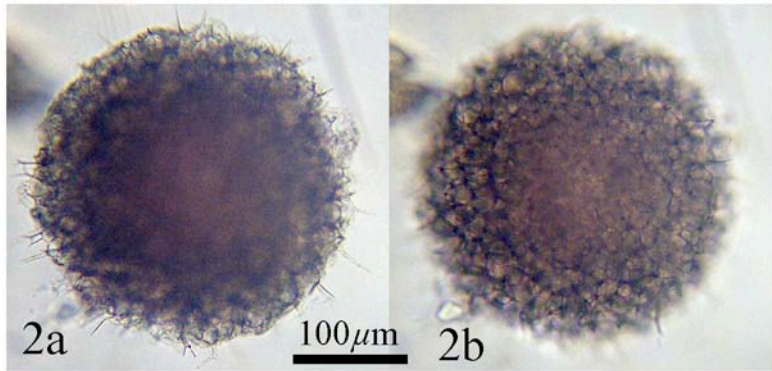
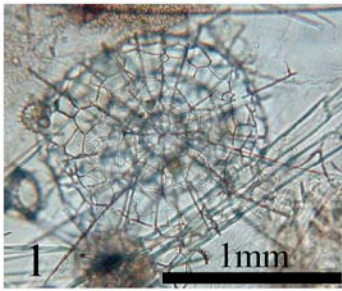


Plate 16

“Challenger” Station 271

Figs. 1a-1b. *Pterocanium charybdeum trilobum* (Haeckel 1860)

Station 271, Slide reg. no. 90.4.3.131

Figs. 2a-2b. *Dictyocodon palladius* Haeckel 1887

Station 271, Slide reg. no. 90.4.3.131

Figs. 3a-3b. *Theoformis callipilium* Haeckel 1887

Station 271, Slide reg. no. 90.4.3.131

Figs. 4a-4b. *Lithomelissa mediterranea* Müller 1858

Station 271, Slide reg. no. 90.4.3.131

Figs. 5a-5b. *Peridium spinipes* Haeckel 1887

Station 271, Slide reg. no. 90.4.3.131

Figs. 6a-6b. *Acanthodesmia muelleri* (Haeckel 1862)

Station 271, Slide reg. no. 90.4.3.131

Figs. 8a-8b. *Eucecryphalus coscinodiscus* (Haeckel 1887)

Station 271, Slide reg. no. 90.4.3.131

Figs. 9a-9c. *Clathrocanium coarctatum* Ehrenberg 1872a

Station 271, Slide reg. no. 90.4.3.131

Figs. 10a-10b. **Acanthodesmidae gen. et sp. indet**

Station 271, Slide reg. no. 90.4.3.131

Figs. 11a-11b. *Peridium piriforme* Popofsky 1908

Station 271, Slide reg. no. 90.4.3.131

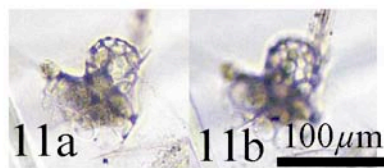
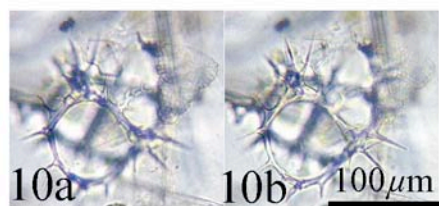
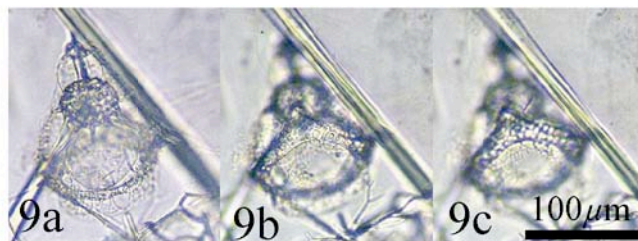
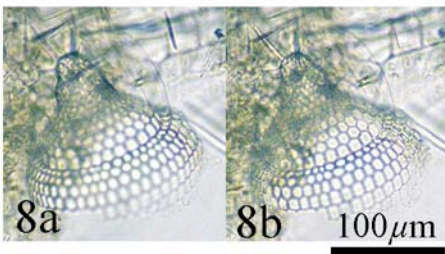
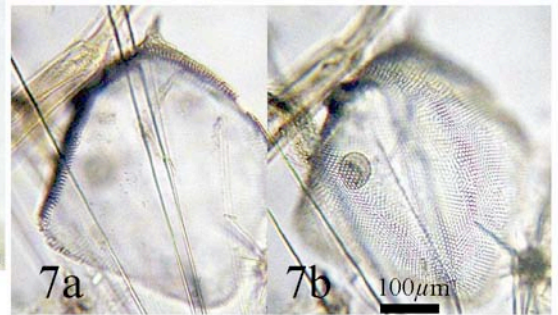
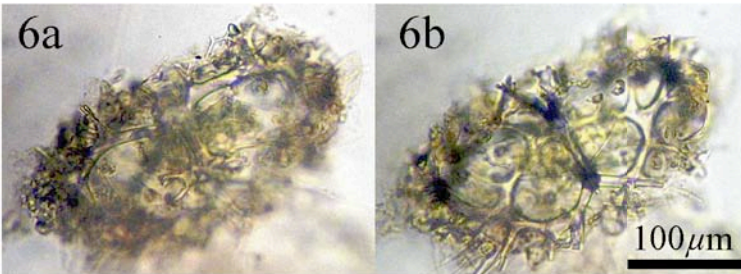
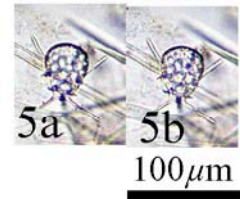
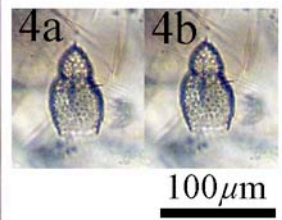
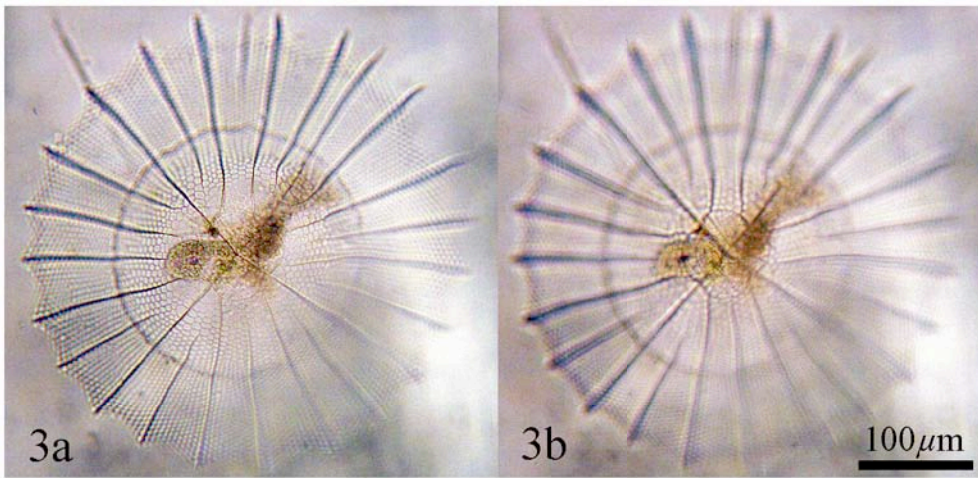
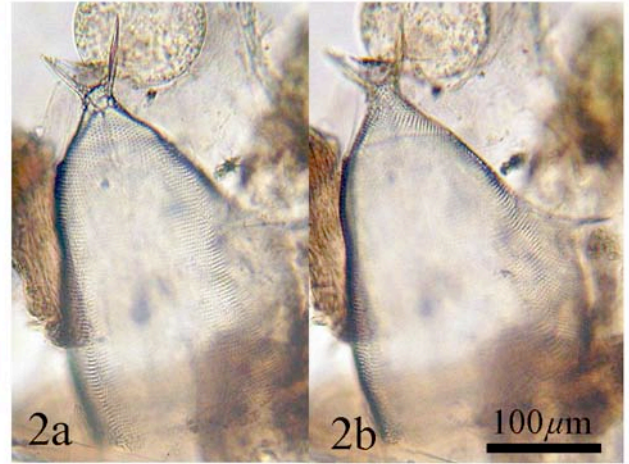
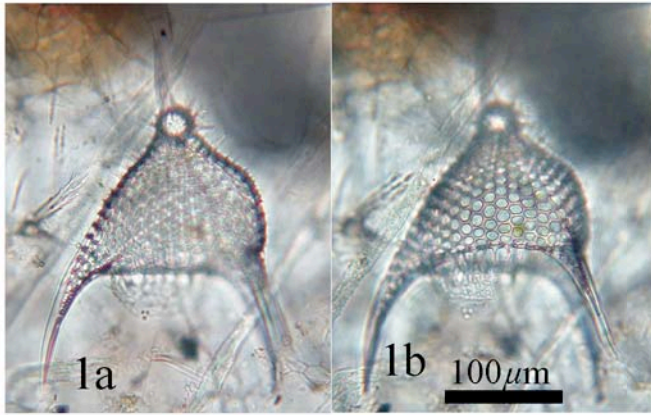


Plate 17

“Challenger” Station 271

Figs. 1a-1c. *Spongosphaera streptacantha* Haeckel 1860

Station 271, Slide reg. no. 90.4.3.131

Figs. 2a-2c. *Dicranastrum furcatum* Haeckel 1887

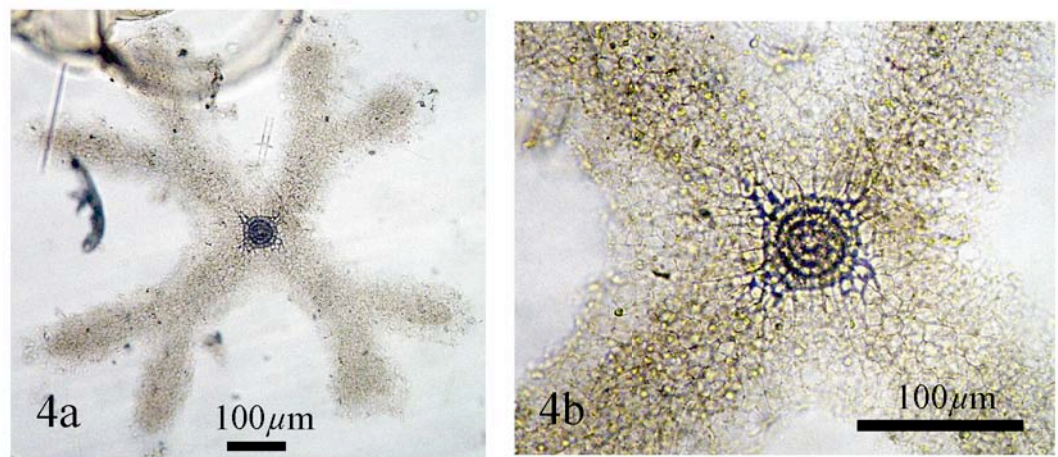
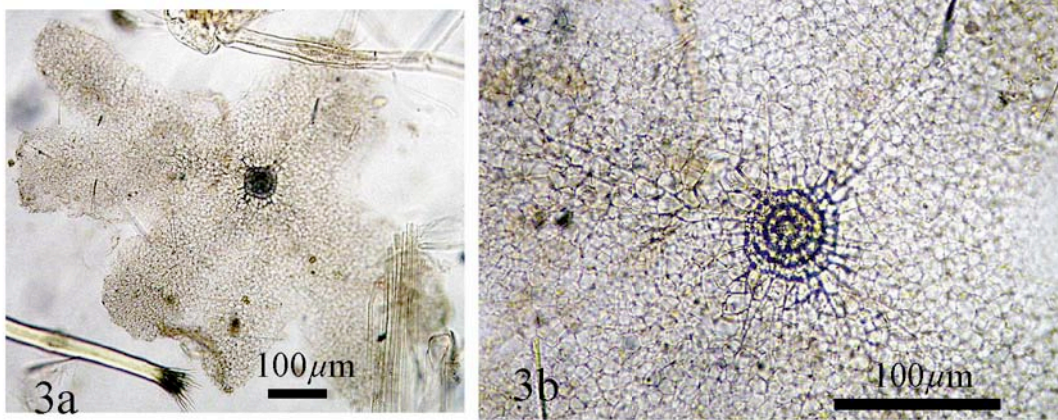
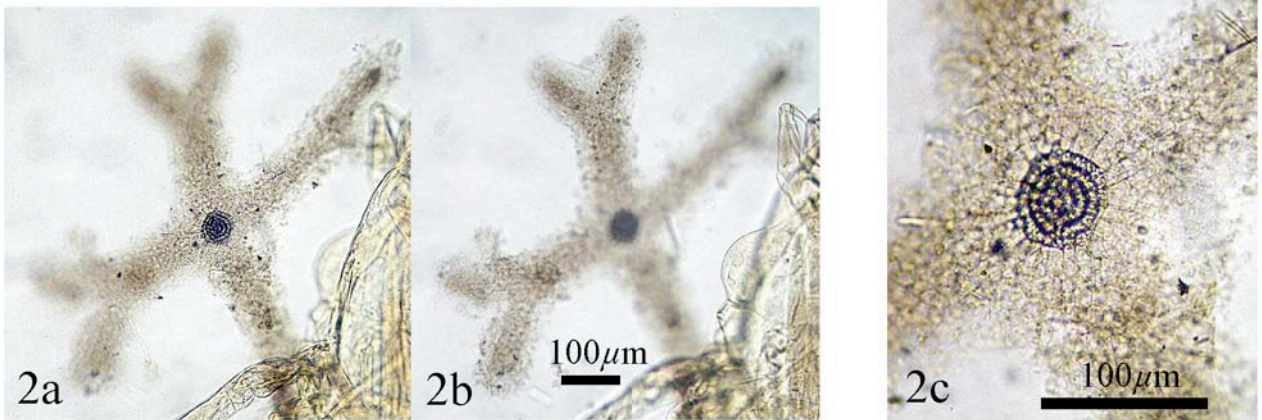
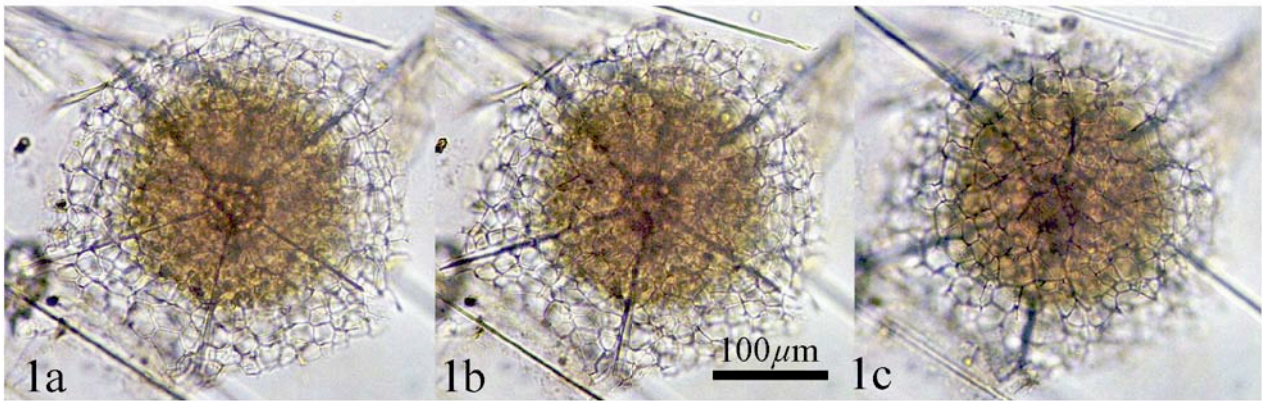
Station 271, Slide reg. no. 90.4.3.131

Figs. 3a-3b. *Myelastrum* sp.

Station 271, Slide reg. no. 90.4.3.131

Figs. 4a-4b. *Myelastrum octocorne* Haeckel 1887

Station 271, Slide reg. no. 90.4.3.131



Sphaerocarpus
Varia !!
Stat. 271.



9043.131

Surface
St. 271. 6. 2. 4. 1878

Plate 18

“Challenger” Station 271

Figs. 1a-1b. *Lampromitra* (?) *hertwigi* (Haeckel 1887)

Station 271, Slide reg. no. 90.4.3.131

Figs. 2a-2b. *Hexacontium octahedrum* Haeckel 1887

Station 271, Slide reg. no. 90.4.3.131

Figs. 3a-3b. *Plegmosphaera entodictyon* Haeckel 1887

Station 271, Slide reg. no. 90.4.3.131

Figs. 4a-4c. *Arachnosphaera hexasphaera* Popofsky 1912

Station 271, Slide reg. no. 90.4.3.131

Figs. 5a-5b. **Pyloniidae gen. et sp. indet.**

Station 271, Slide reg. no. 90.4.3.131

Fig. 6. *Arachnosphaera hexasphaera* Popofsky 1912

Station 271, Slide reg. no. 90.4.3.131

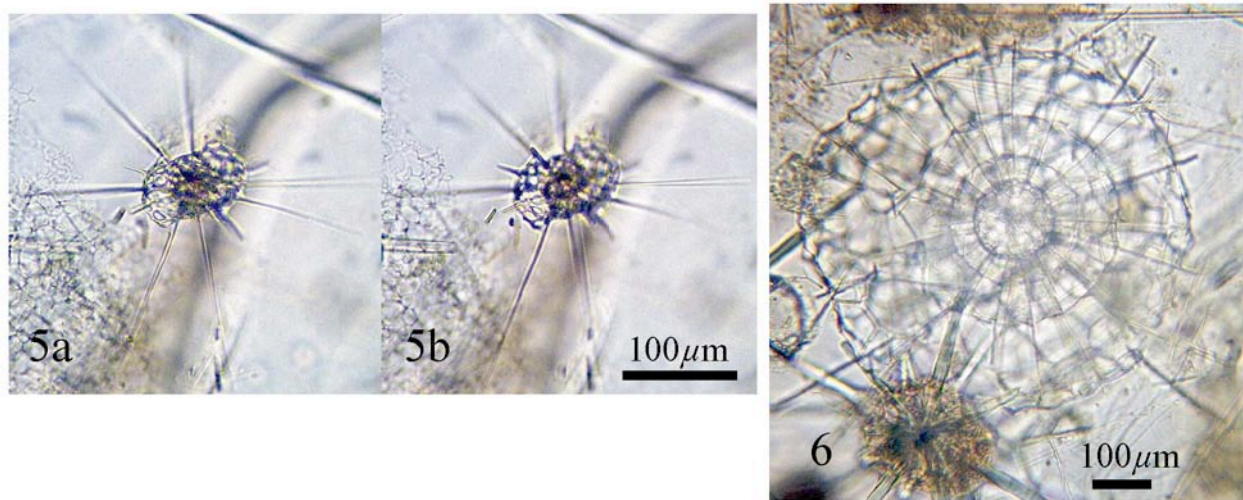
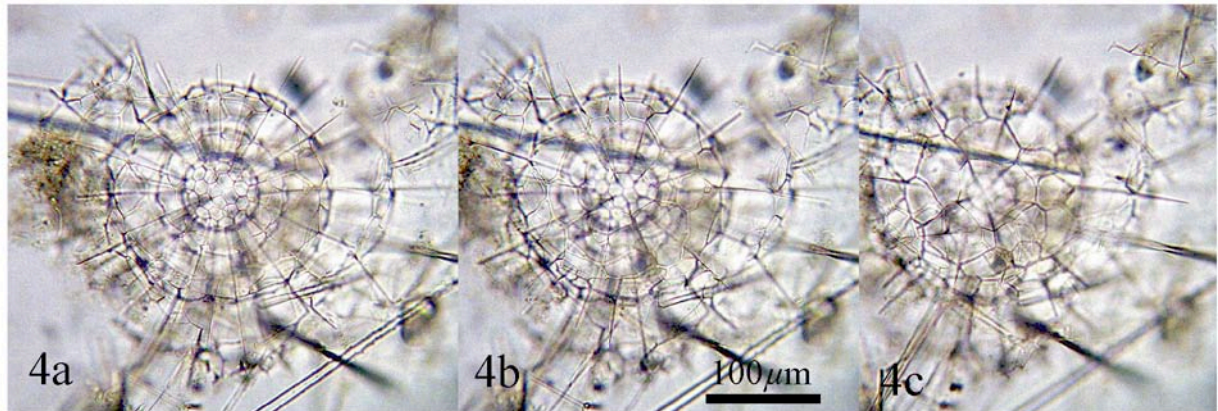
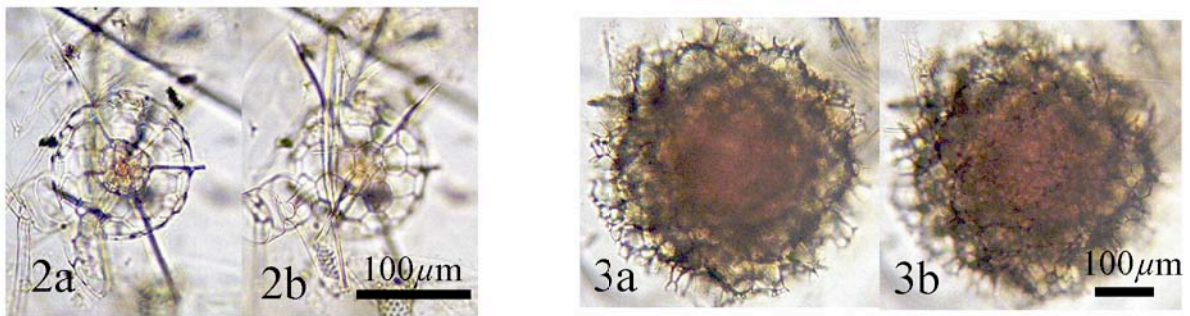
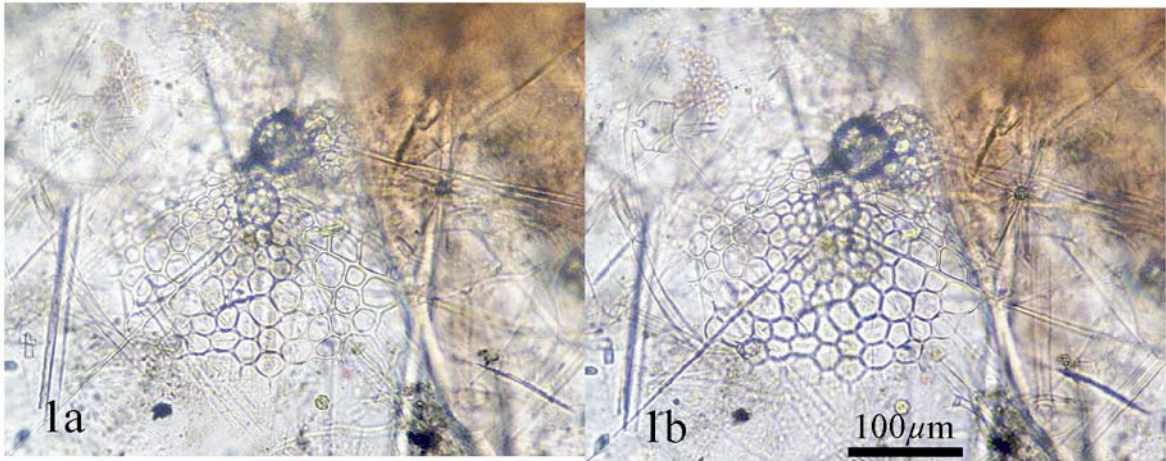


Plate 19

“Challenger” Station 271

Figs. 1a-1b. *Spongosphaera streptacantha* Haeckel 1860

Station 271, Slide reg. no. 90.4.3.131

Figs. 2a-2b. *Octodendron* aff. *cubocentron* Haeckel 1887

Station 271, Slide reg. no. 90.4.3.131

Figs. 3a-3c. *Xiphosphaera* (?) *tesseractis* Dreyer 1913

Station 271, Slide reg. no. 90.4.3.131

Figs. 4a-4c. *Arachnosphaera hexasphaera* Popofsky 1912

Station 271, Slide reg. no. 90.4.3.131

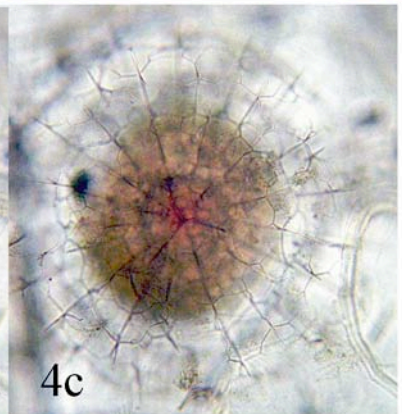
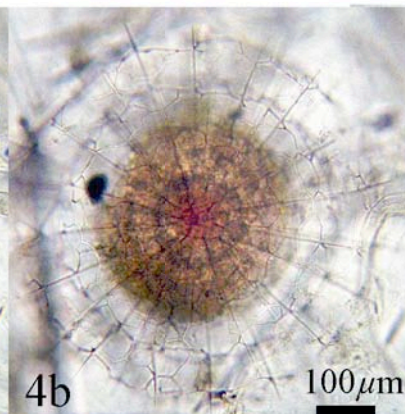
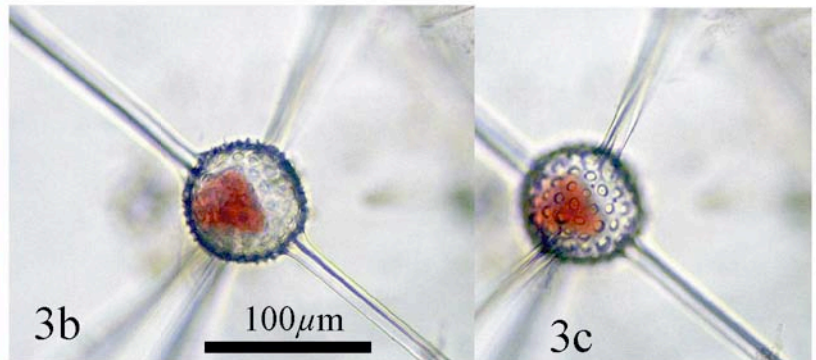
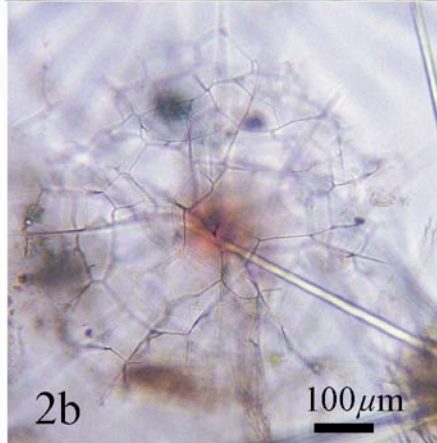
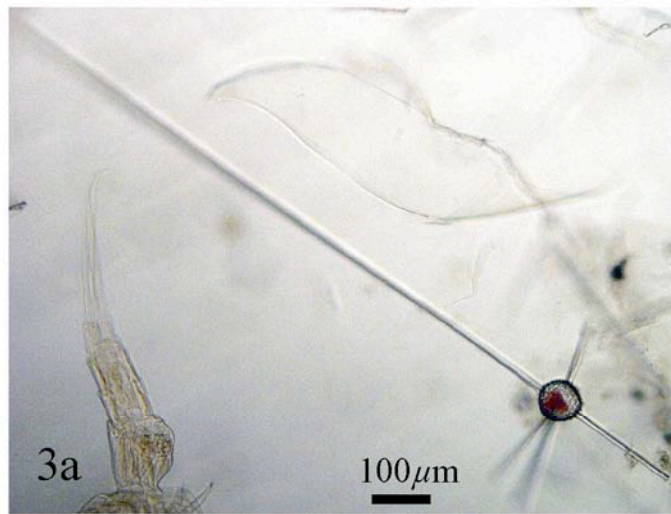
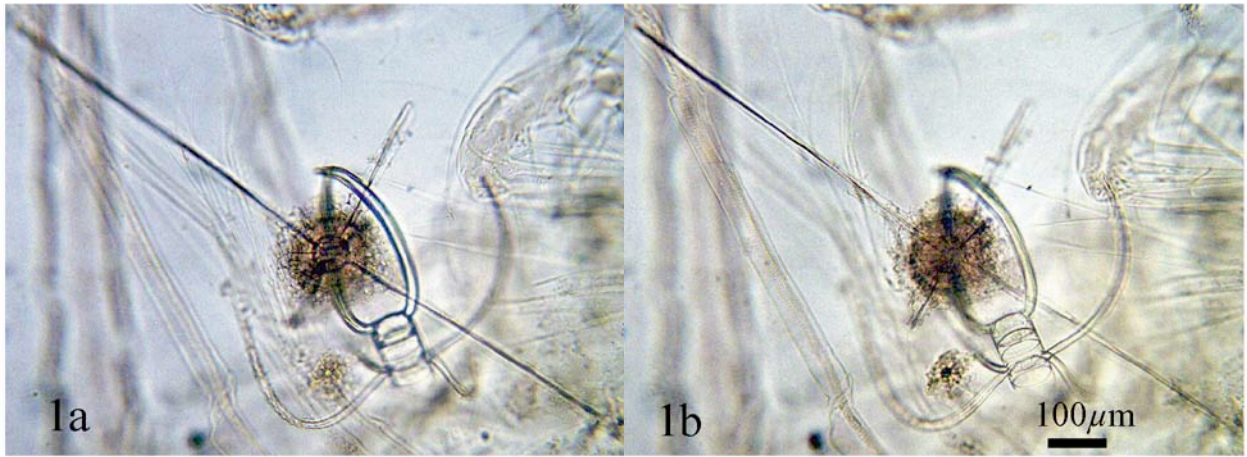


Plate 20

“Challenger” Station 271

Figs. 1a-1c. *Heliodiscus asteriscus* Haeckel 1887

Station 271, Slide reg. no. 90.4.3.131

Figs. 2a-2b. *Flustrella arachnia* (Müller 1858)

Station 271, Slide reg. no. 90.4.3.131

Figs. 3a-3b. *Flustrella arachnia* (Müller 1858)

Station 271, Slide reg. no. 90.4.3.131

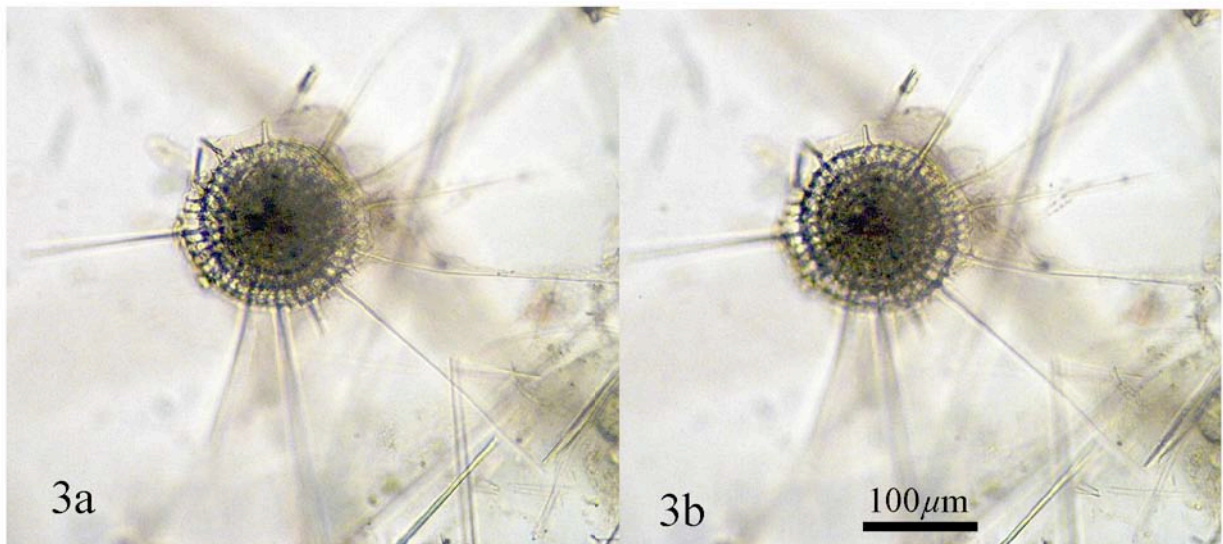
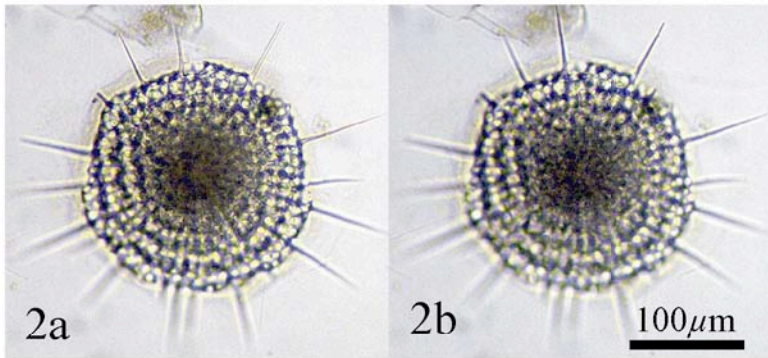
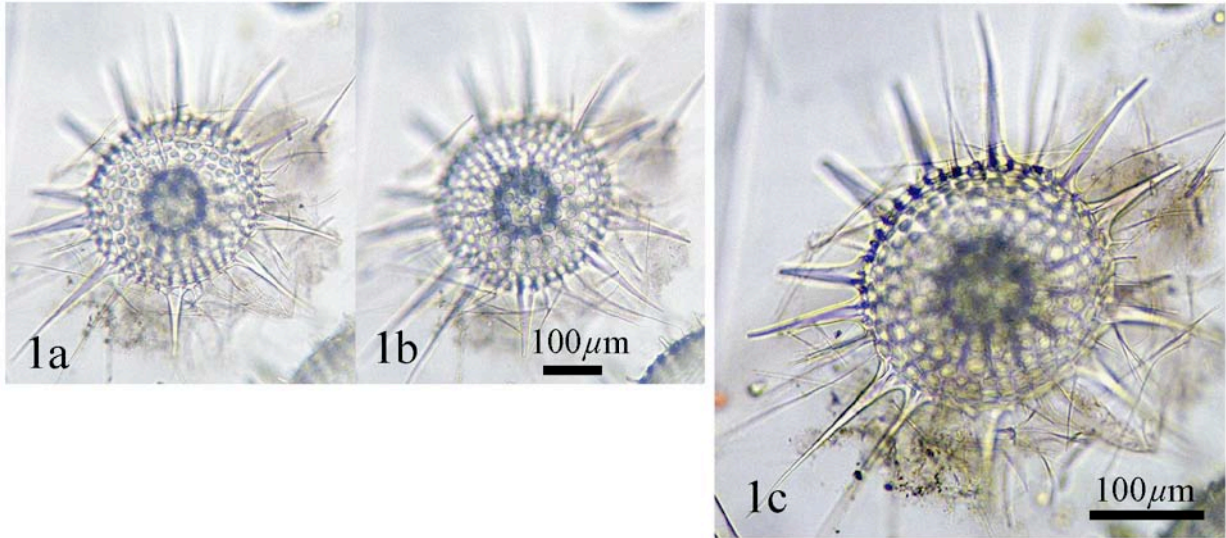


Plate 21

“Challenger” Station 271

Figs. 1a-1b. *Spongosphaera polycantha* Müller 1858

Station 271, Slide reg. no. 90.4.3.132

Figs. 2a-2b. *Arachnosphaera hexasphaera* Popofsky 1912

Station 271, Slide reg. no. 90.4.3.132

Figs. 3a-3b. *Centroculus octostylus* Haeckel 1887

Station 271, Slide reg. no. 90.4.3.132

Sta.271 (90.4.3.132)

Plate 21

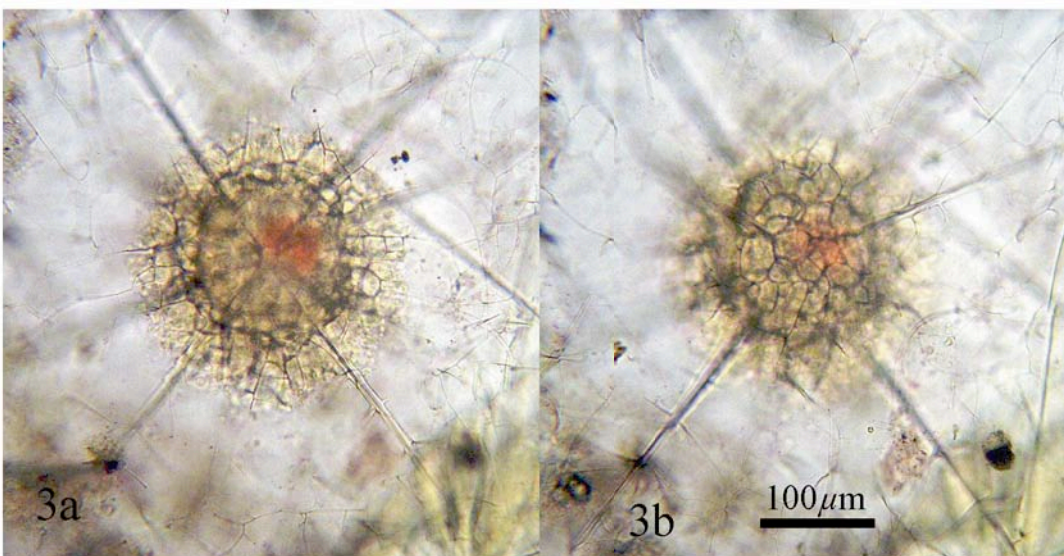
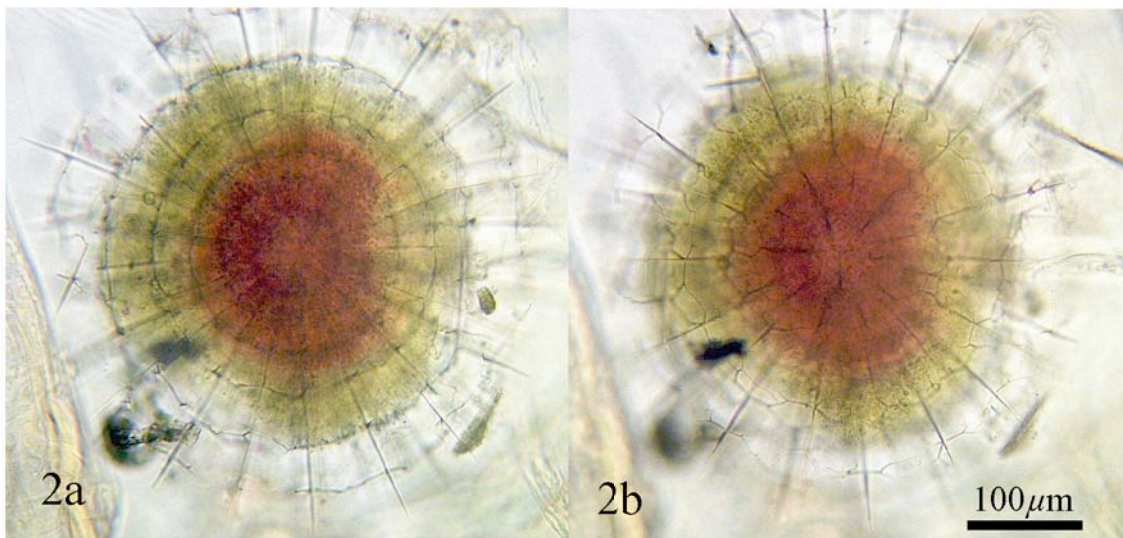
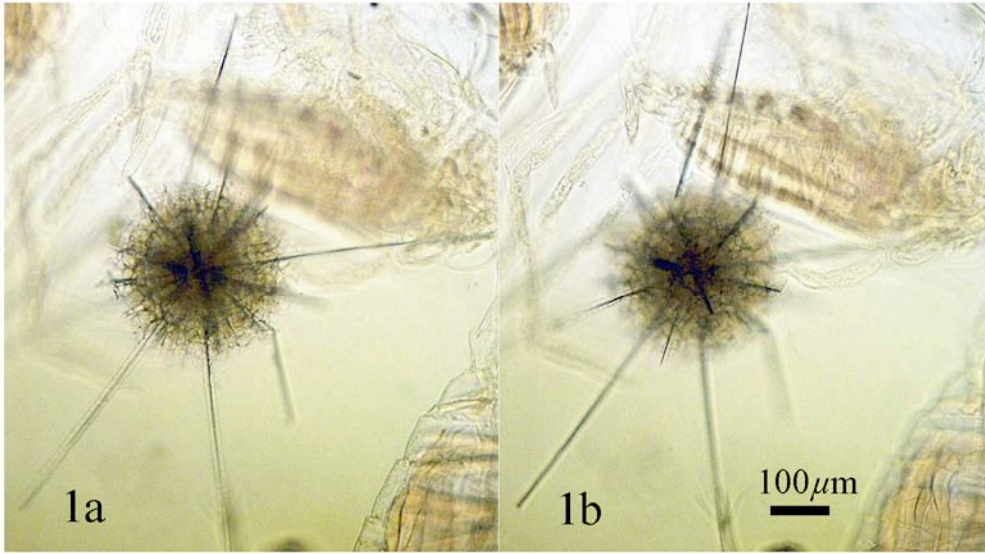


Plate 22

“Challenger” Station 271

- Fig. 1. *Tetrapyle octacantha* Müller 1858
Station 271, Slide reg. no. 90.4.3.132
- Fig. 2. *Tetrapyle octacantha* Müller 1858
Station 271, Slide reg. no. 90.4.3.132
- Figs. 3a-3b. *Arachnosphaera hexasphaera* Popofsky 1912
Station 271, Slide reg. no. 90.4.3.132
- Figs. 4a-4b. *Dicranastrum wyvillei* Haeckel 1887
Station 271, Slide reg. no. 90.4.3.132
- Figs. 5a-5b. *Dicranastrum* sp.
Station 271, Slide reg. no. 90.4.3.132
- Figs. 6a-6b. *Spongospaera streptacantha* Haeckel 1860
Station 271, Slide reg. no. 90.4.3.132
- Figs. 7a-7b. *Spongospaera streptacantha* Haeckel 1860
Station 271, Slide reg. no. 90.4.3.132
- Fig. 8. *Spongospaera streptacantha* Haeckel 1860
Station 271, Slide reg. no. 90.4.3.132

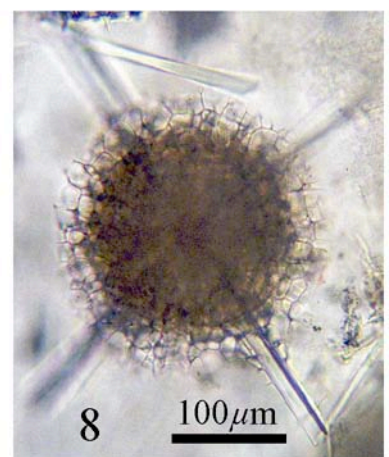
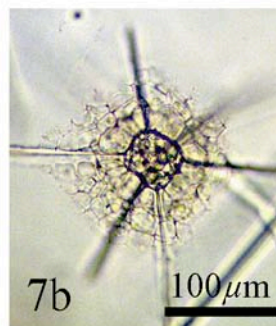
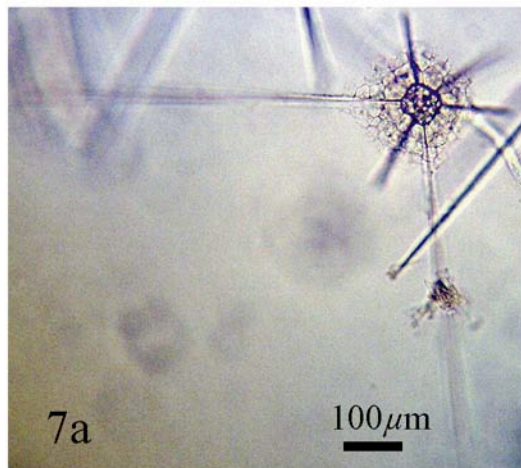
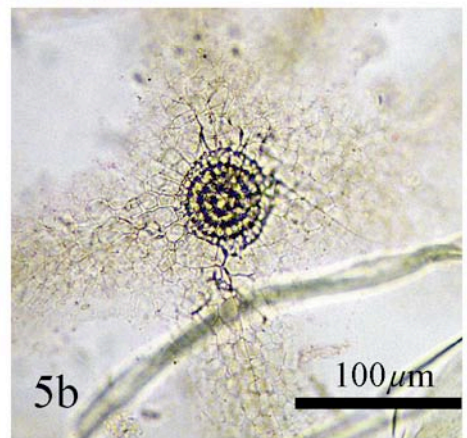
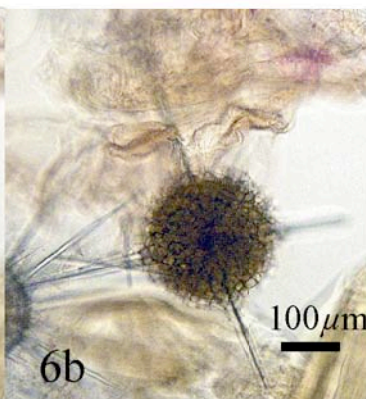
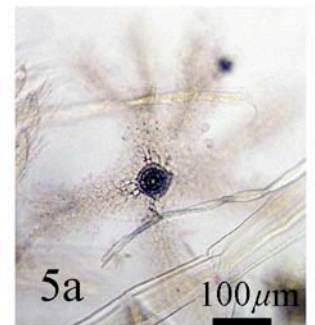
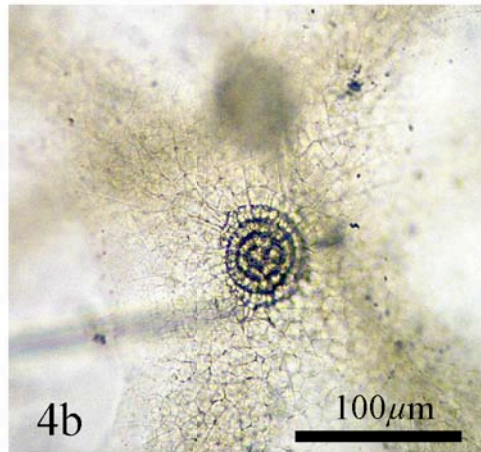
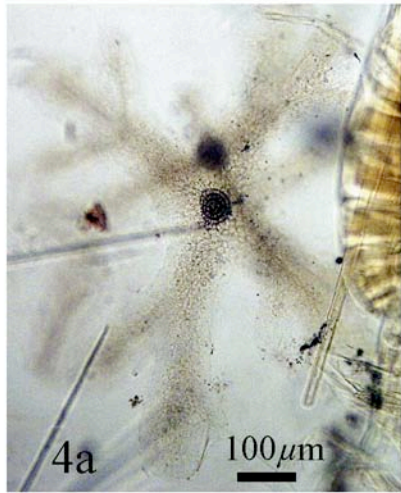
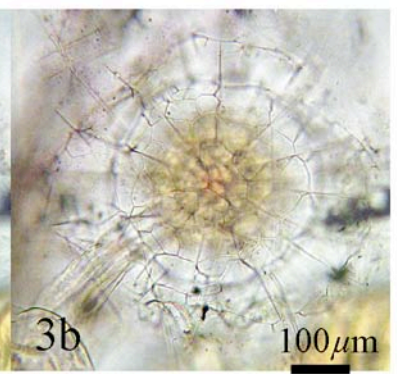
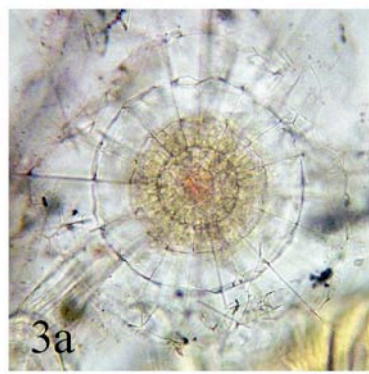
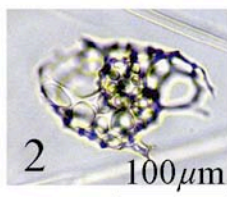
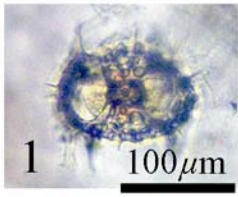


Plate 23

“Challenger” Station 271

Figs. 1a-1b. *Plegmosphaera entodictyon* Haeckel 1887

Station 271, Slide reg. no. 90.4.3.132

Figs. 2a-2b. *Plegmosphaera entodictyon* Haeckel 1887

Station 271, Slide reg. no. 90.4.3.132

Figs. 3a-3b. *Centrocubus cladostylus* Haeckel 1887

Station 271, Slide reg. no. 90.4.3.132

Figs. 4a-4b. *Myelastrum octocorne* Haeckel 1887

Station 271, Slide reg. no. 90.4.3.132

Figs. 5a-5b. *Spongosphaera streptacantha* Haeckel 1860

Station 271, Slide reg. no. 90.4.3.132

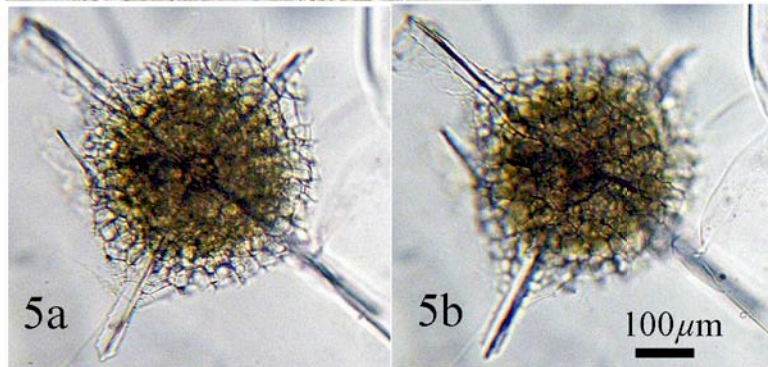
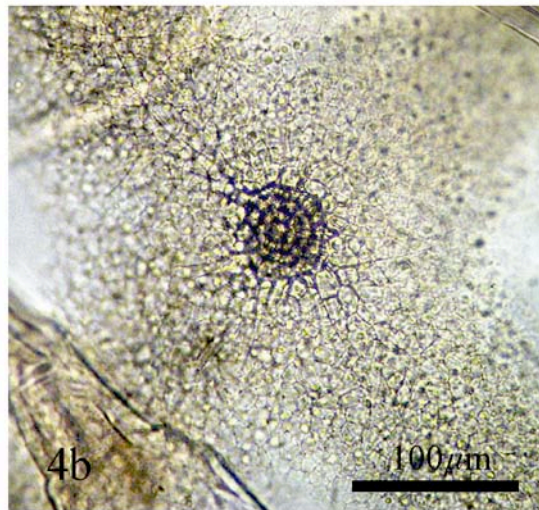
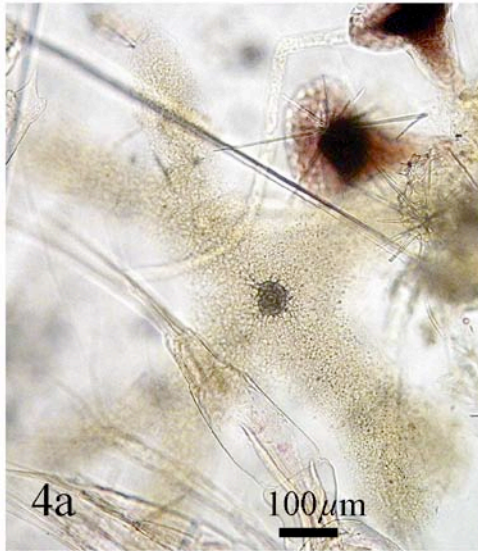
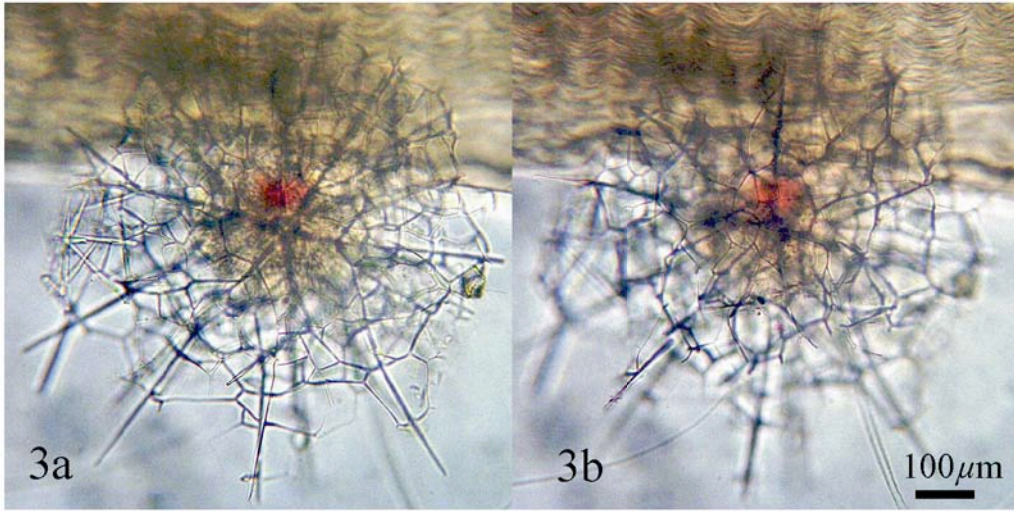
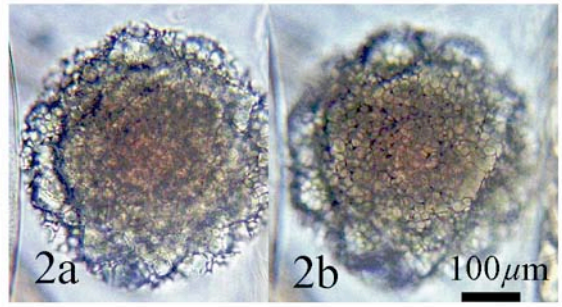
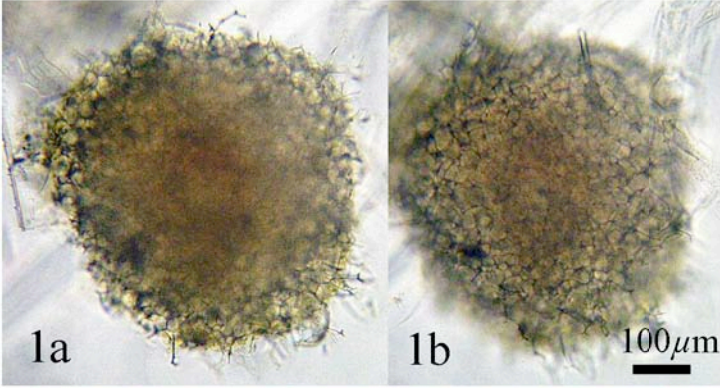


Plate 24

“Challenger” Station 272

- Fig. 1. *Flustrella arachnia* (Müller 1858)
Station 272, Slide reg. no. 90.4.3.19
- Figs. 2a-2b. *Didimocorytis tetratharamus tetratharamus* (Haeckel 1887)
Station 272, Slide reg. no. 90.4.3.19
- Figs. 3a-3b. *Dictyocoryne muelleri* (Haeckel 1860)
Station 272, Slide reg. no. 90.4.3.19
- Figs. 4a-4b. *Larcospira solaris* (Haeckel 1887)
Station 272, Slide reg. no. 90.4.3.19
- Figs. 5a-5b. *Disolenia pandora* (Haeckel 1887)
Station 272, Slide reg. no. 90.4.3.19
- Figs. 6a-6c. *Spongospaera streptacantha* Haeckel 1860
Station 272, Slide reg. no. 90.4.3.19
- Fig. 7. *Dictyocoryne profunda* Ehrenberg 1860
Station 272, Slide reg. no. 90.4.3.19
- Fig. 8. *Spongotrochus longispinus* Haeckel 1860
Station 272, Slide reg. no. 90.4.3.19
- Fig. 9. *Pylolella hexagona* Chen and Tan 1989
Station 272, Slide reg. no. 90.4.3.19

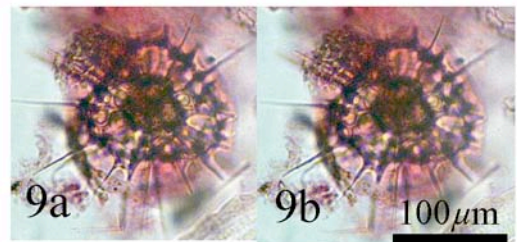
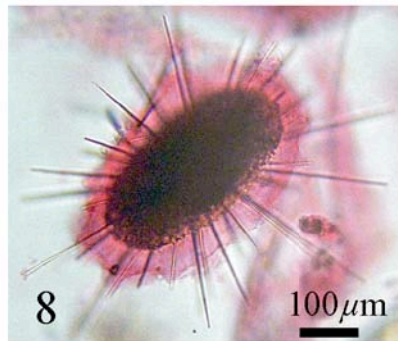
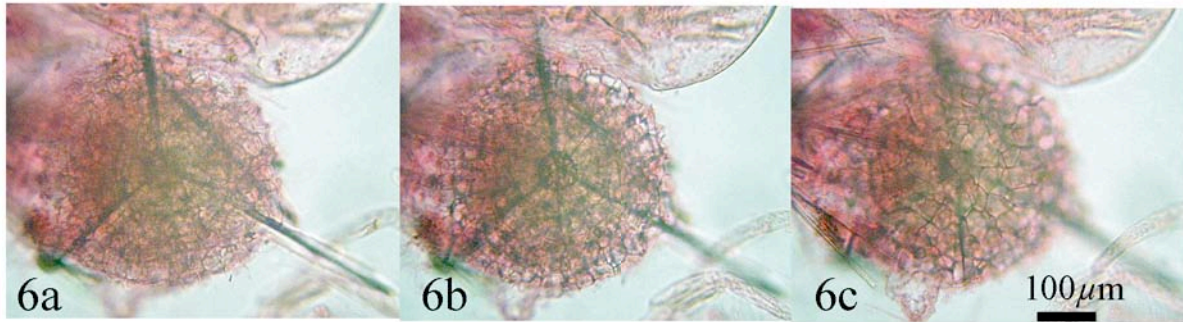
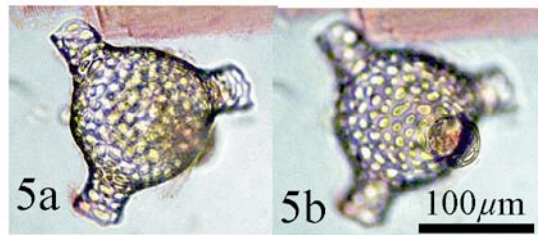
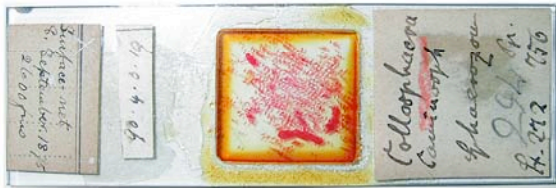
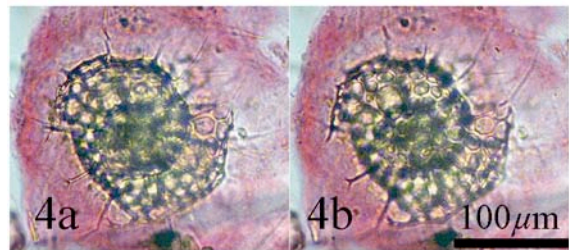
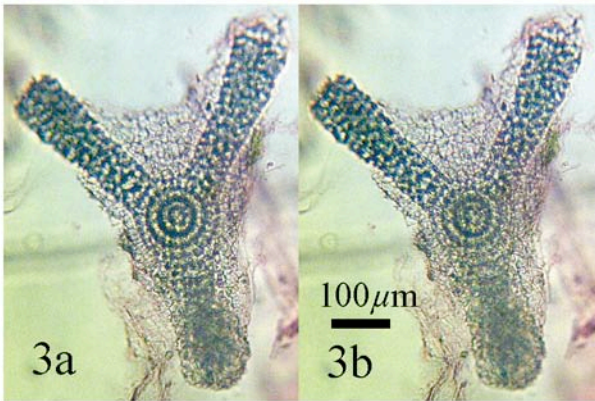
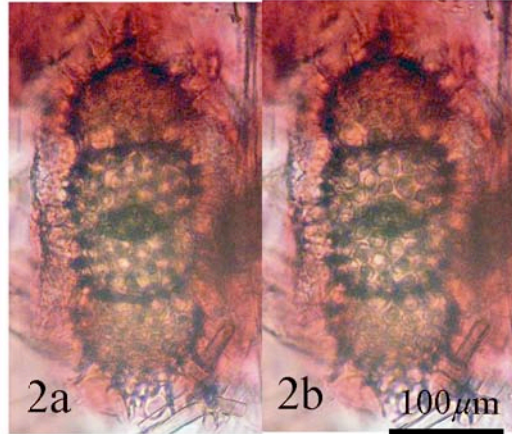
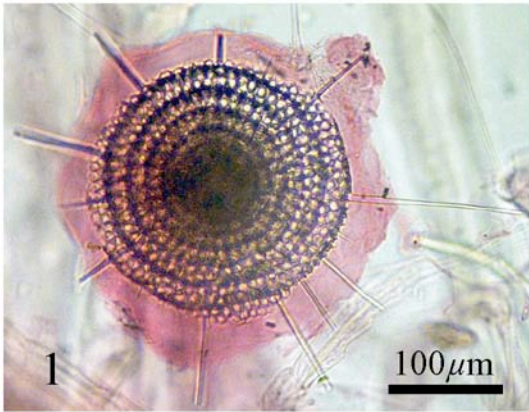


Plate 25

“Challenger” Station 272

- Fig. 1. *Collosphaera tuberosa* Haeckel 1887
Station 272, Slide reg. no. 90.4.3.19
- Figs. 2a-2b. *Collosphaera tuberosa* Haeckel 1887
Station 272, Slide reg. no. 90.4.3.19
- Figs. 3a-3b. *Pterocanium praetextum praetextum* (Ehrenberg 1872a)
Station 272, Slide reg. no. 90.4.3.19
- Figs. 4a-4b. *Nephrospyris renilla* Haeckel 1887
Station 272, Slide reg. no. 90.4.3.20
- Figs. 5a-5b. *Stichopilidium (?) kruegeri* (Popofsky 1908)
Station 272, Slide reg. no. 90.4.3.20
- Figs. 6a-6c. *Peridium triclavigera* (Tan et Chen 1976)
Station 272, Slide reg. no. 90.4.3.20
- Figs. 7a-7b. **Acantharia**
Station 272, Slide reg. no. 90.4.3.20
- Fig. 8. *Disolenia zanguebarica* Ehrenberg 1872a
Station 272, Slide reg. no. 90.4.3.20
- Figs. 9a-9b. *Spongosphaera streptacantha* Haeckel 1860
Station 272, Slide reg. no. 90.4.3.20
- Fig. 10. *Dictyocoryne elegans* (Ehrenberg 1872a)
Station 272, Slide reg. no. 90.4.3.20
- Figs. 11a-11b. *Disolenia megalactis* (Ehrenberg 1872a)
Station 272, Slide reg. no. 90.4.3.20

Plate 26

“Challenger” Station 272

Figs. 1a-1b. *Dictyocoryne elegans* (Ehrenberg 1872a)

Station 272, Slide reg. no. 90.4.3.20

Figs. 2a-2b. *Spongotrochus longispinus* Haeckel 1860

Station 272, Slide reg. no. 90.4.3.20

Figs. 3a-3b. *Lophophaena hispida* (Ehrenberg 1861)

Station 272, Slide reg. no. 90.4.3.20

Figs. 4a-4b. *Flustrella arachnia* (Müller 1858)

Station 272, Slide reg. no. 90.4.3.20

Figs. 5a-5b. *Spongosphaera streptacantha* Haeckel 1860

Station 272, Slide reg. no. 90.4.3.20

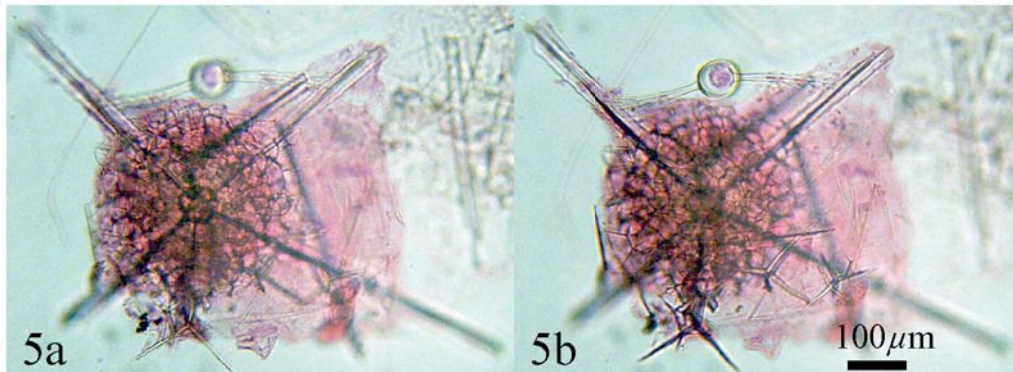
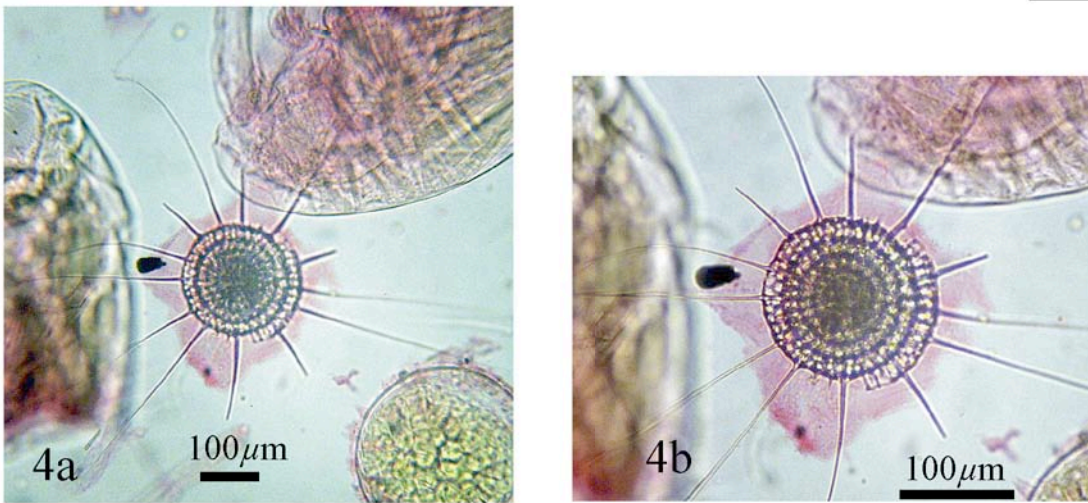
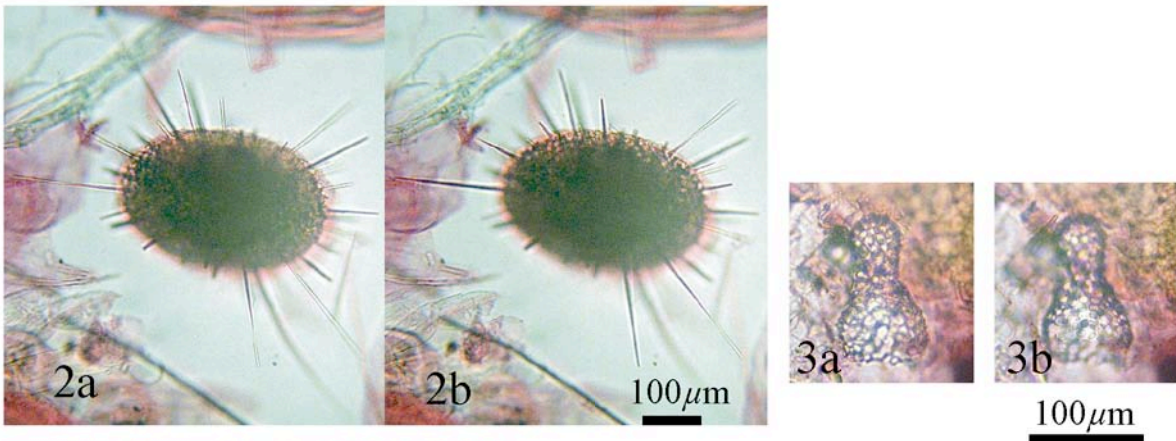
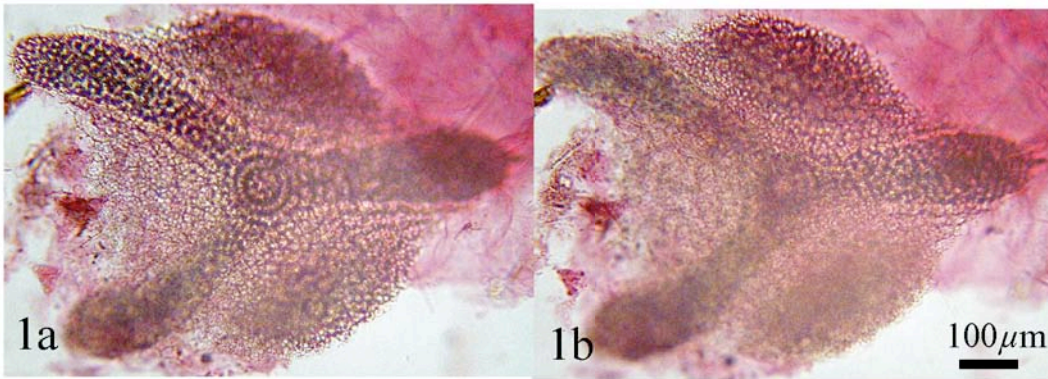


Plate 27

“Challenger” Station 272

Figs. 1a-1c. *Dicranastrum cf. furcatum* Haeckel 1887

Station 272, Slide reg. no. 90.4.3.20

Fig. 2. *Disolenia pandora* (Haeckel 1887)

Station 272, Slide reg. no. 90.4.3.20

Figs. 3a-3b. *Flustrella* sp.

Station 272, Slide reg. no. 90.4.3.20

Figs. 4a-4b. *Disolenia pandora* (Haeckel 1887)

Station 272, Slide reg. no. 90.4.3.21

Figs. 5a-5b. *Disolenia pandora* (Haeckel 1887)

Station 272, Slide reg. no. 90.4.3.21

Fig. 6. *Collosphaera tuberosa* (Haeckel 1887)

Station 272, Slide reg. no. 90.4.3.21

Fig. 7. *Disolenia ascensionis* (Haeckel 1887)

Station 272, Slide reg. no. 90.4.3.21

Fig. 8. *Polysolenia lappacea* (Haeckel 1887)

Station 272, Slide reg. no. 90.4.3.21

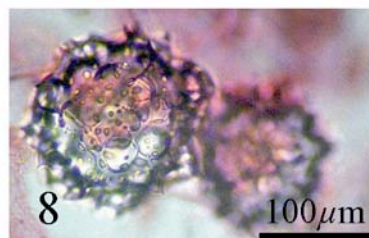
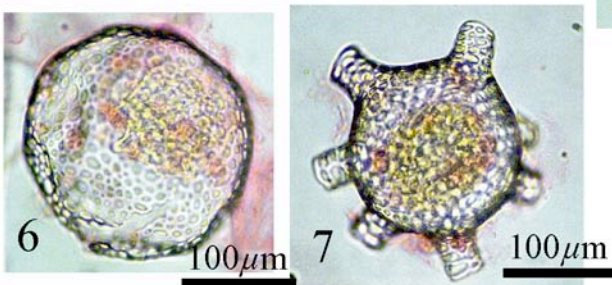
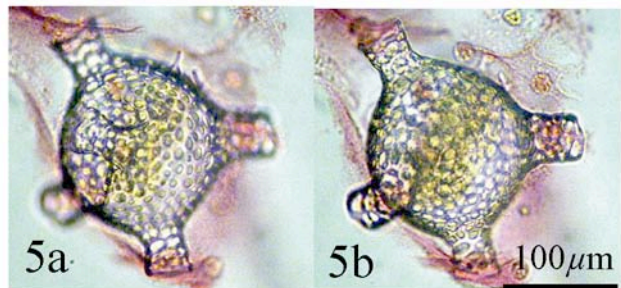
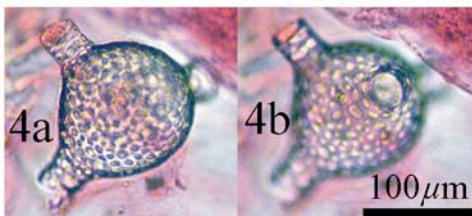
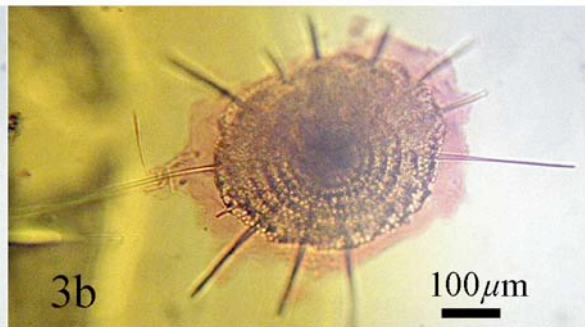
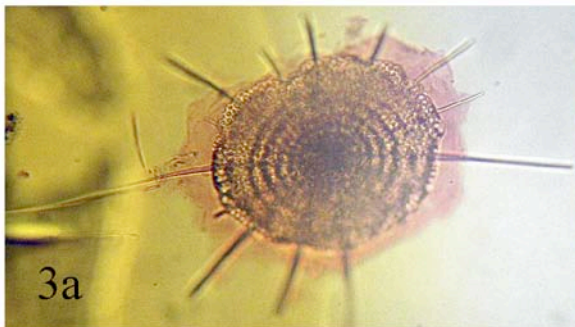
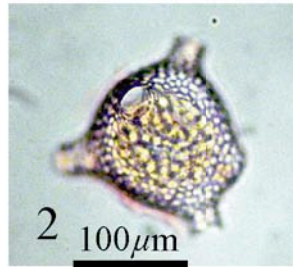
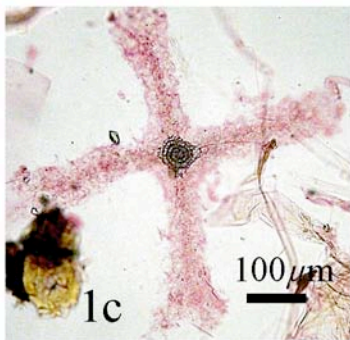
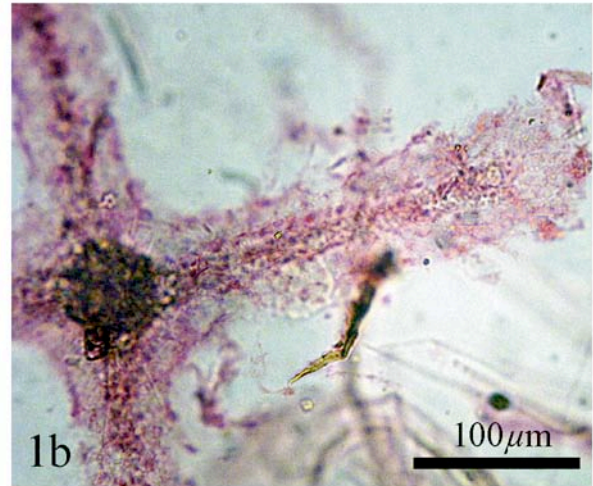
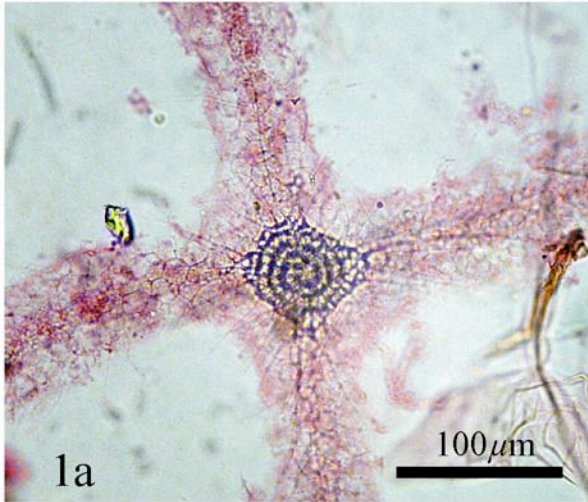


Plate 28

“Challenger” Station 272

Figs. 1a-1b. *Nephrospyris renilla* Haeckel 1887

Station 272, Slide reg. no. 90.4.3.21

Figs. 2a-2b. The medullary shell of the family Heliodiscidae

Station 272, Slide reg. no. 90.4.3.21

Figs. 3a-3b. *Peromelissa phalacra* Haeckel 1887

Station 272, Slide reg. no. 90.4.3.21

Figs. 4a-4b. *Tholospirionium cervicornis* Haeckel 1887 group

Station 272, Slide reg. no. 90.4.3.21

Fig. 5. *Dictyocoryne muelleri* (Haeckel 1860)

Station 272, Slide reg. no. 90.4.3.21

Fig. 6. *Flustrella arachnia* (Müller 1858)

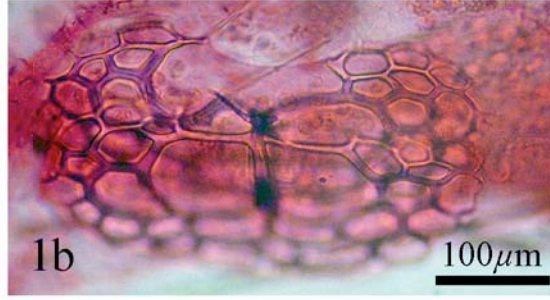
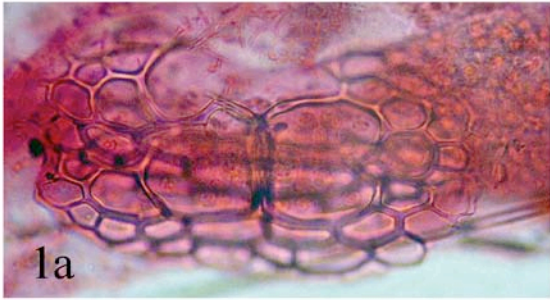
Station 272, Slide reg. no. 90.4.3.21

Fig. 7. *Dictyocoryne elegans* (Ehrenberg 1872a)

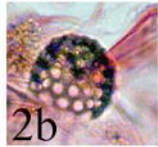
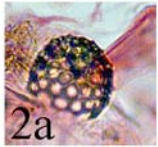
Station 272, Slide reg. no. 90.4.3.21

Fig. 8. *Spongaster tetras tetras* Ehrenberg 1872a

Station 272, Slide reg. no. 90.4.3.21



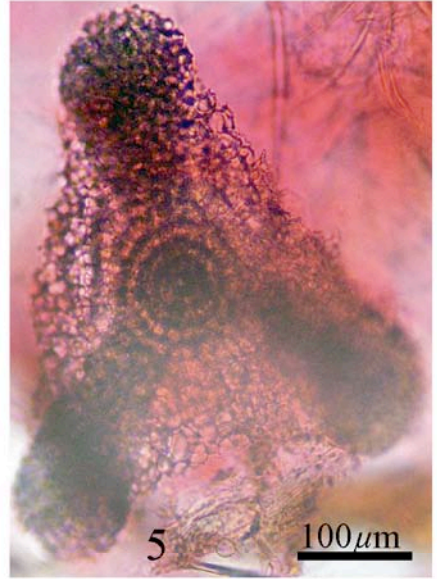
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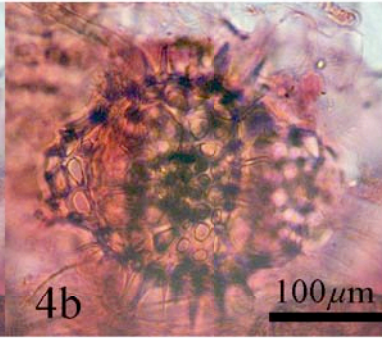
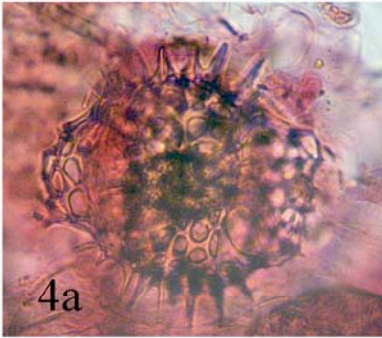
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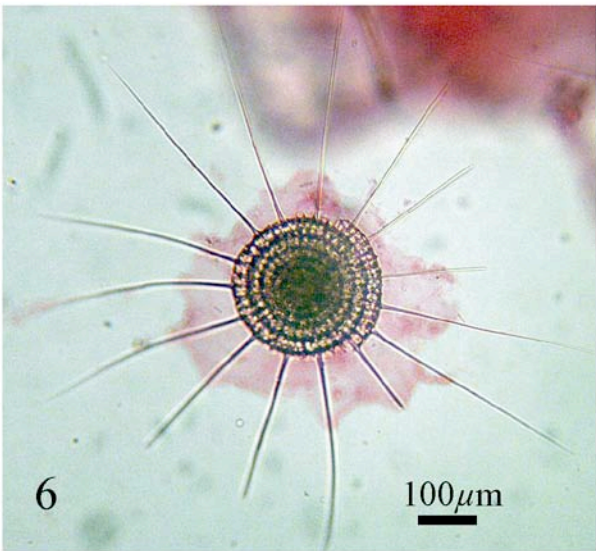
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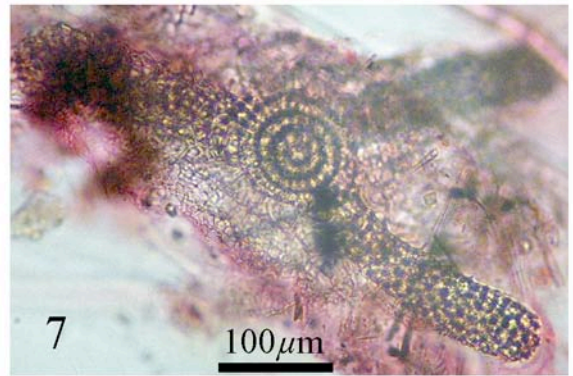
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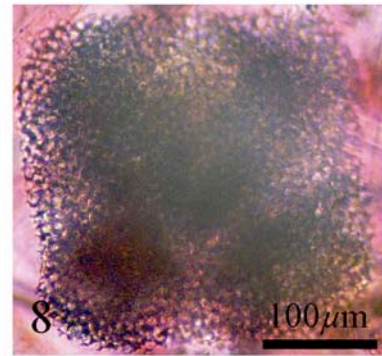
100µm



100µm



100µm



100µm

Plate 29

“Challenger” Station 272

Figs. 1a-1b. *Myelastrum octocorne* Haeckel 1887

Station 272, Slide reg. no. 90.4.3.22

Figs. 2a-2b. *Acanthodesmidae* gen. et sp. indet.

Station 272, Slide reg. no. 90.4.3.22

Figs. 3a-3b. *Spongosphaera streptacantha* Haecckel 1860

Station 272, Slide reg. no. 90.4.3.22

Figs. 4a-4b. *Disolenia zanguebarica pyriformis* (Haeckel 1887) sensu Strelkov & Reshtnyak (1971)

Station 272, Slide reg. no. 90.4.3.22

Figs. 5a-5b. *Hexapyle spinulosa* Chen et Tan 1989

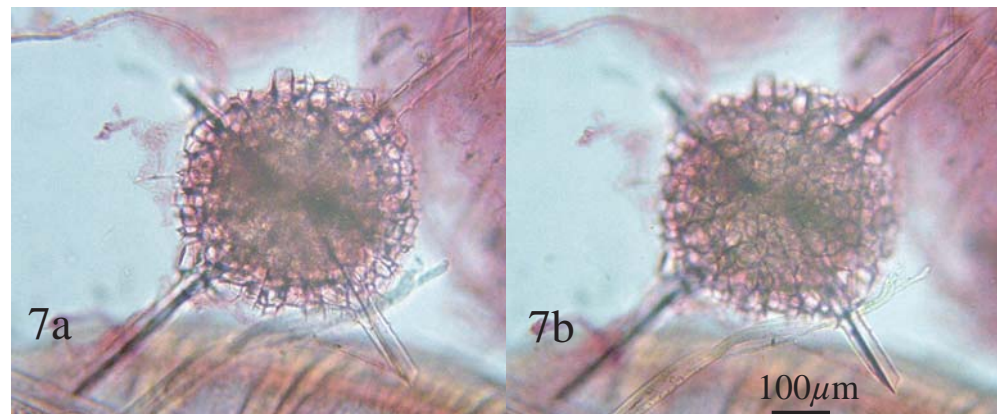
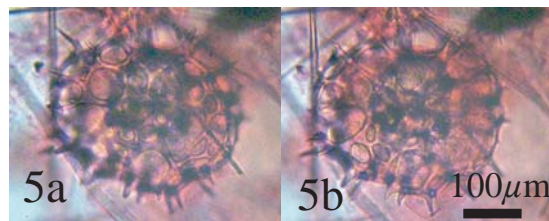
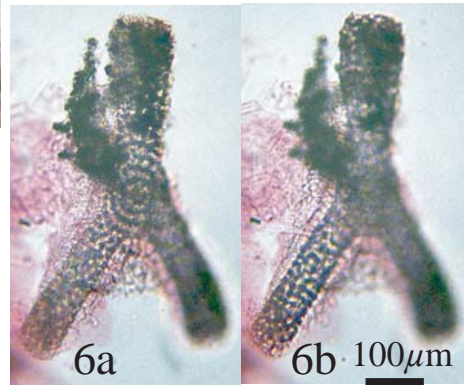
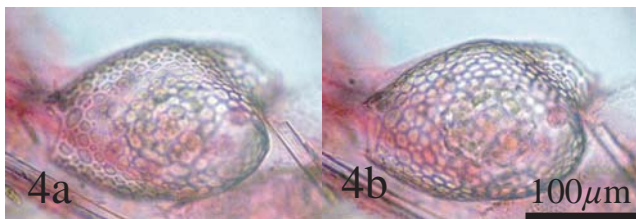
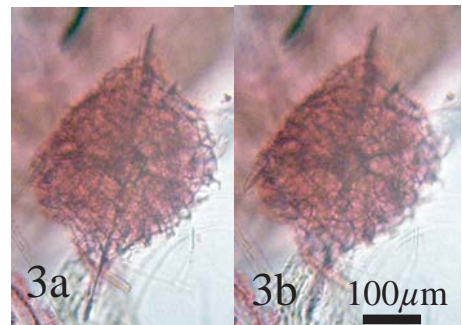
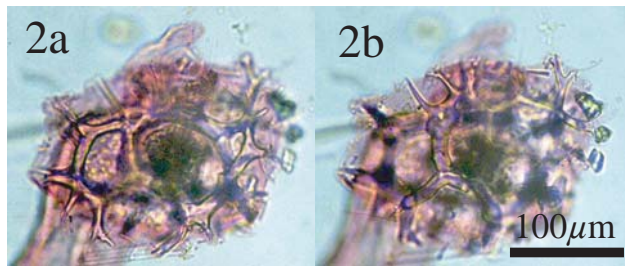
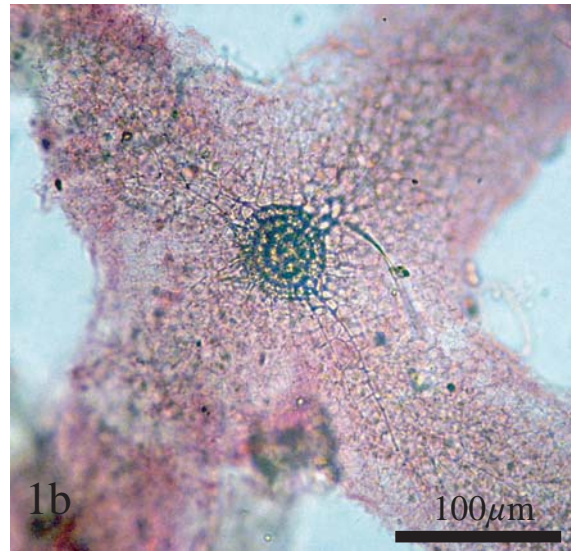
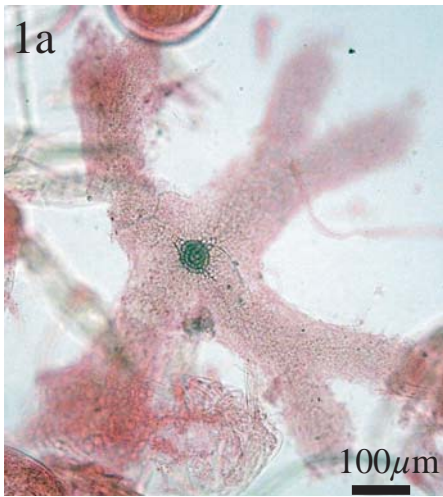
Station 272, Slide reg. no. 90.4.3.22

Figs. 6a-6b. *Dictyocoryne muelleri* (Haeckel 1860)

Station 272, Slide reg. no. 90.4.3.22

Figs. 7a-7b. *Spongosphaera streptacantha* Haecckel 1860

Station 272, Slide reg. no. 90.4.3.22



St. 272.
Prorocentrum
90.4.3.22
Surface-net
8. September 1975
X 2600 final

Plate 30

“Challenger” Station 272

Fig. 1. *Collosphaera tuberosa* Haeckel 1887

Station 272, Slide reg. no. 90.4.3.23

Fig. 2. *Spongaster tetras tetras* Ehrenberg 1872a

Station 272, Slide reg. no. 90.4.3.23

Figs. 3a-3b. *Tetrapyle quadriloba* (Ehrenberg 1861b)

Station 272, Slide reg. no. 90.4.3.23

Figs. 4a-4d. *Phorticium polycladum* Tan et Cheng 1976

Station 272, Slide reg. no. 90.4.3.23

Figs. 5a-5d. *Periarachnium myxobrachia* (Strelkov et Reshetnyak 1959)

Station 272, Slide reg. no. 90.4.3.23

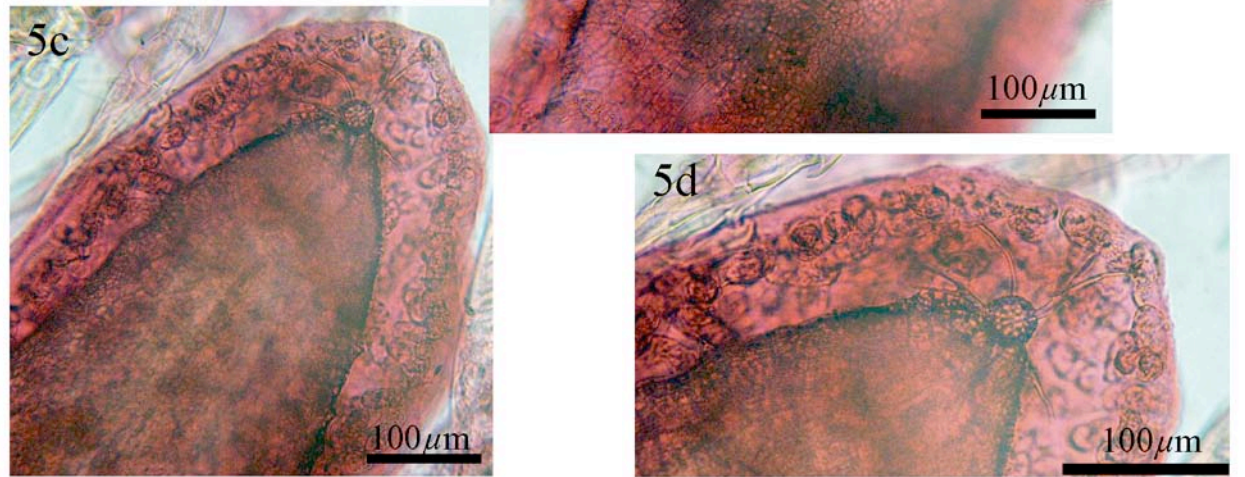
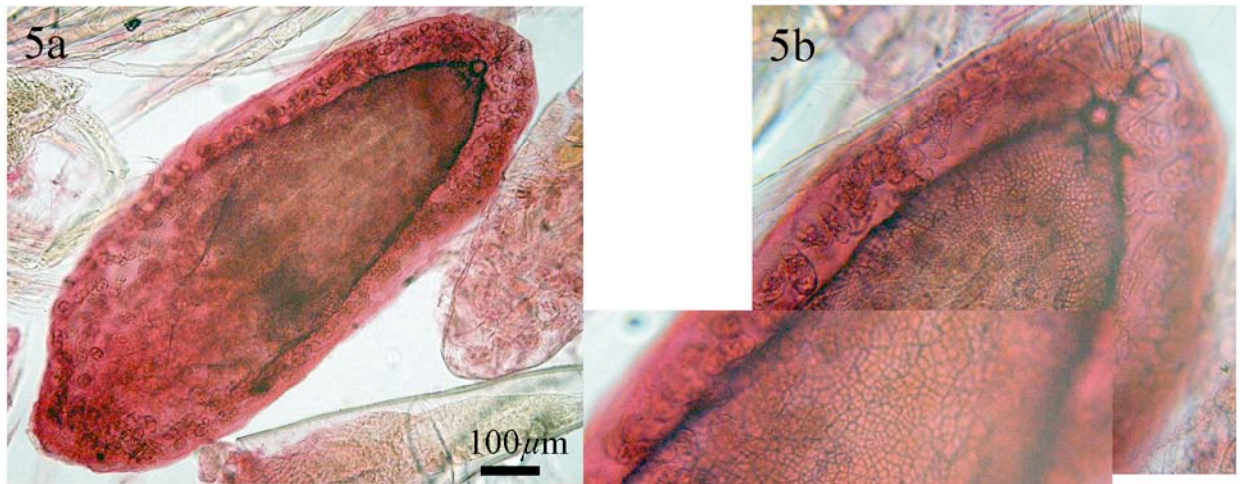
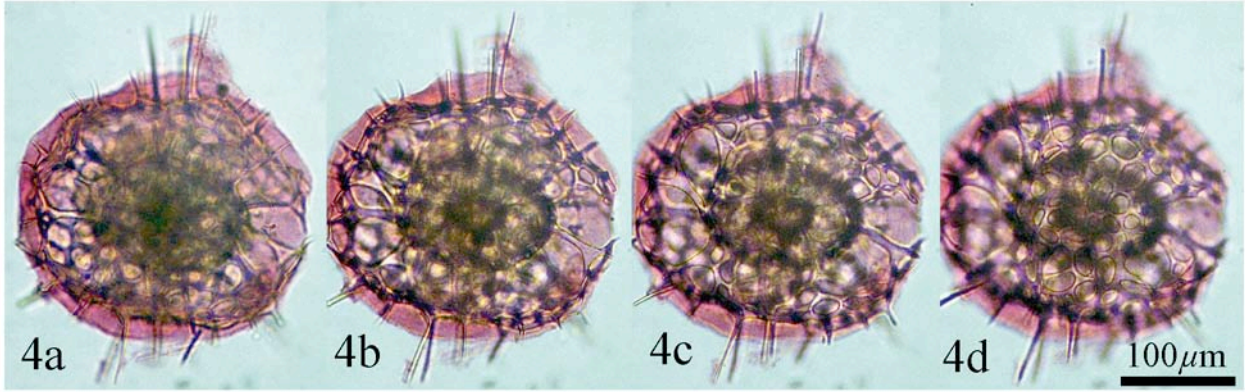
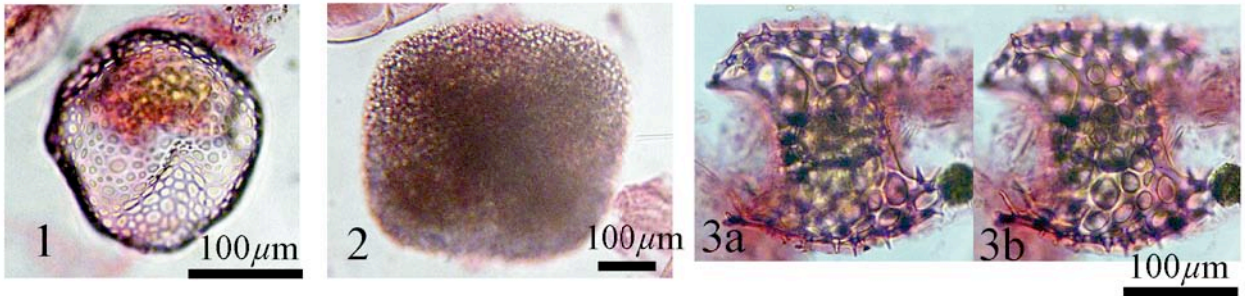


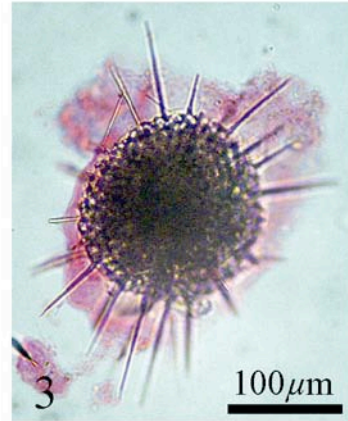
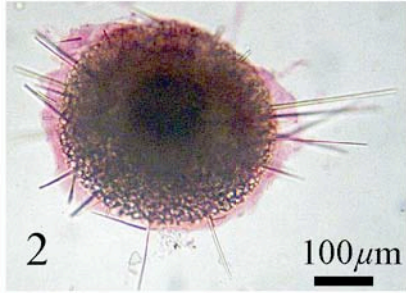
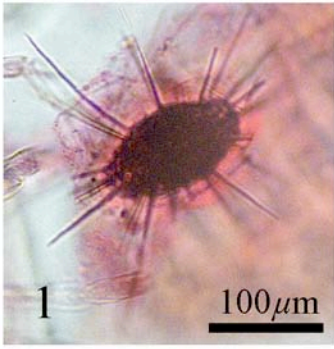
Plate 31

“Challenger” Station 272

- Fig. 1. *Spongotrochus longispinus* Haeckel 1860
Station 272, Slide reg. no. 90.4.3.23
- Fig. 2. *Spongotrochus longispinus* Haeckel 1860
Station 272, Slide reg. no. 90.4.3.23
- Fig. 3. *Spongotrochus longispinus* Haeckel 1860
Station 272, Slide reg. no. 90.4.3.23
- Figs. 4a-4d. *Polysolenia lappacea* (Haeckel 1887)
Station 272, Slide reg. no. 90.4.3.24
- Figs. 5a-5d. *Siphonosphaera socialis* Haeckel 1887
Station 272, Slide reg. no. 90.4.3.24
- Figs. 6a-6d. *Actinomma arcadophorum* Haeckel 1887
Station 272, Slide reg. no. 90.4.3.24
- Figs. 7a-7d. *Nephrospyris paradictyum* Haeckel 1887
Station 272, Slide reg. no. 90.4.3.24

Sta.272 (90.4.3.23)

Plate 31



Sta.272 (90.4.3.24)

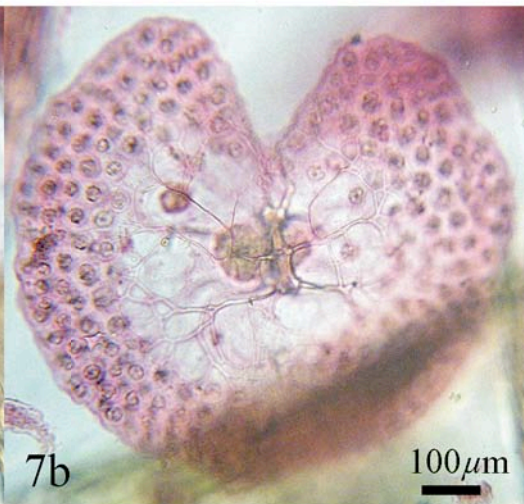
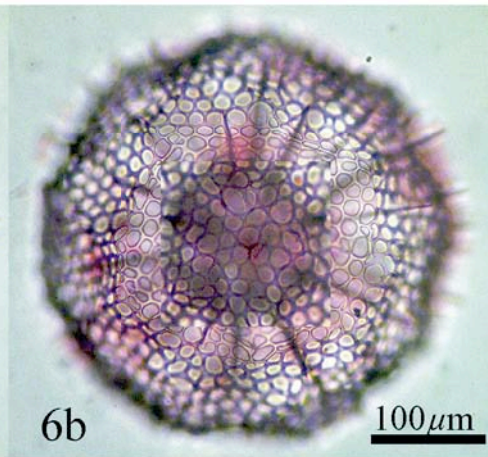
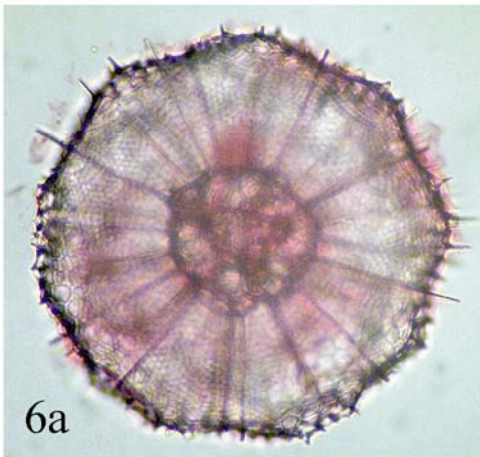
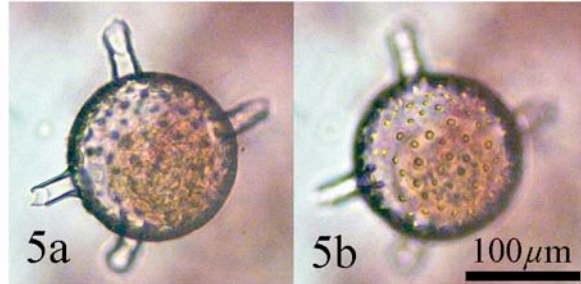
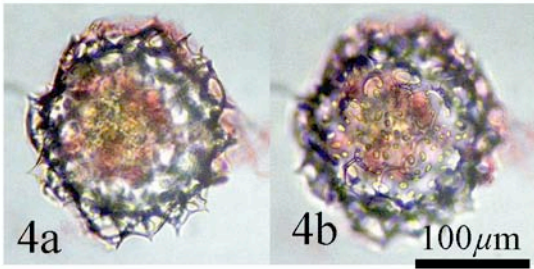


Plate 32

“Challenger” Station 272

- Figs. 1a-1b. *Collosphaera tuberosa* (Haeckel 1887)
Station 272, Slide reg. no. 90.4.3.24
- Fig. 2. *Flustrella arachnia* (Müller 1858)
Station 272, Slide reg. no. 90.4.3.24
- Fig. 3. *Flustrella arachnia* (Müller 1858)
Station 272, Slide reg. no. 90.4.3.24
- Figs. 4a-4b. *Periarachnium myxobrachia* (Strelkov et Reshetnyak 1959)
Station 272, Slide reg. no. 90.4.3.24
- Figs. 5a-5b. *Peridium spinipes* Haeckel 1887
Station 272, Slide reg. no. 90.4.3.24
- Figs. 6a-6b. *Trochodiscus helioides* Cleve 1899
Station 272, Slide reg. no. 90.4.3.24
- Figs. 7a-7d. *Cantharospyris platybursa* Haeckel 1887
Station 272, Slide reg. no. 90.4.3.24
- Fig. 8. *Trochodiscus helioides* Cleve 1899
Station 272, Slide reg. no. 90.4.3.24

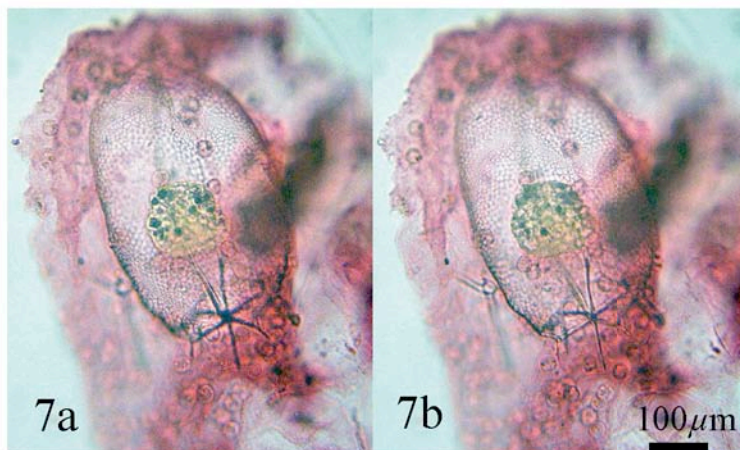
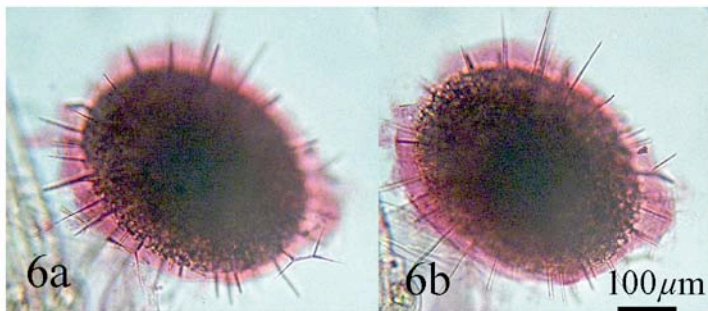
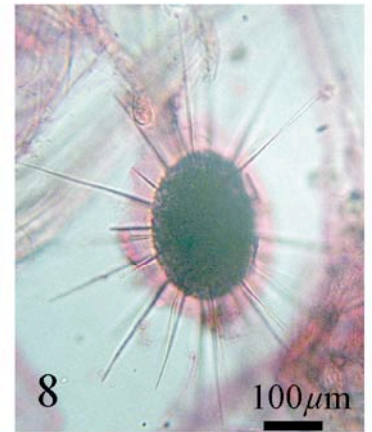
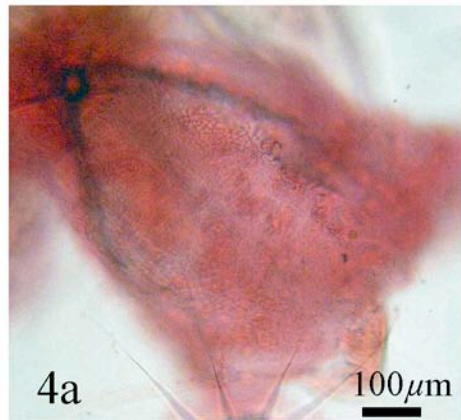
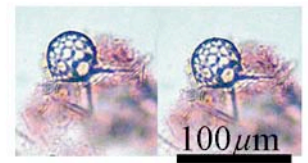
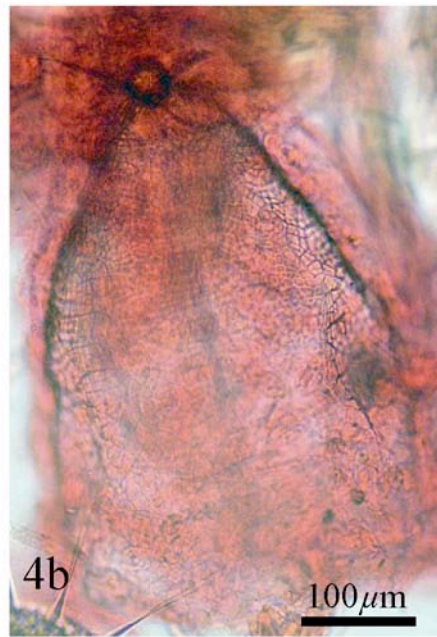
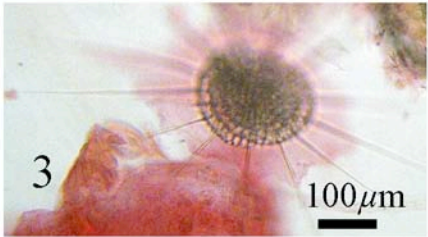
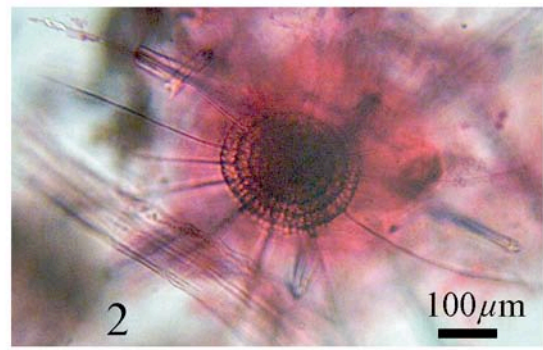
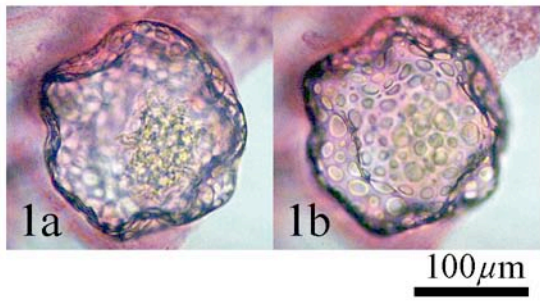


Plate 33

“Challenger” Station 272

- Fig. 1. *Spongaster tetras tetras* Ehrenberg 1872a
Station 272, Slide reg. no. 90.4.3.118
- Fig. 2. *Dictyocoryne profunda* Ehrenberg 1872a
Station 272, Slide reg. no. 90.4.3.118
- Fig. 3. *Dictyocoryne angulata* Ehrenberg 1872a
Station 272, Slide reg. no. 90.4.3.118
- Fig. 4. **Juvenile of the Genus *Dictyocoryne***
Station 272, Slide reg. no. 90.4.3.118
- Fig. 5. *Spongotrochus brevispinus* Haeckel 1860
Station 272, Slide reg. no. 90.4.3.118
- Fig. 6. *Spongotrochus brevispinus* Haeckel 1860
Station 272, Slide reg. no. 90.4.3.118
- Fig. 7. *Flustrella arachnia* (Müller 1858)
Station 272, Slide reg. no. 90.4.3.118
- Figs. 8a-8b. *Pterocorys fastuosus* (Ehrenberg 1872a)
Station 272, Slide reg. no. 90.4.3.118
- Fig. 9. *Flustrella arachnia* (Müller 1858)
Station 272, Slide reg. no. 90.4.3.118
- Figs. 10a-10b. *Conchellium capsula* Borget 1907
Station 272, Slide reg. no. 90.4.3.118 Phaeodaria

Sta.272 (90.4.3.118)

Plate 33

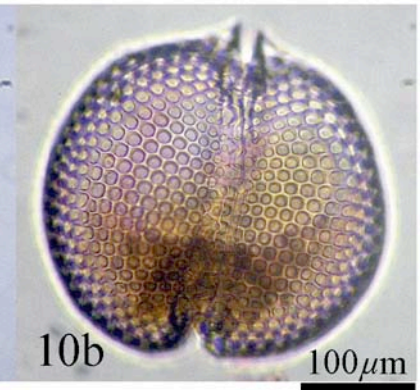
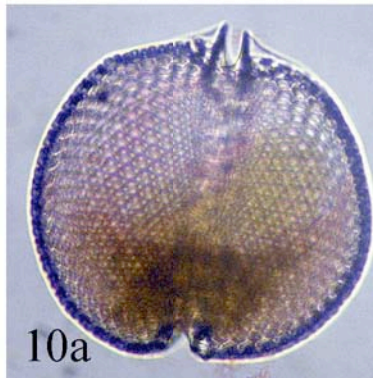
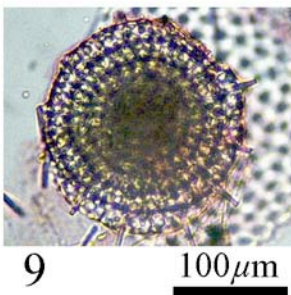
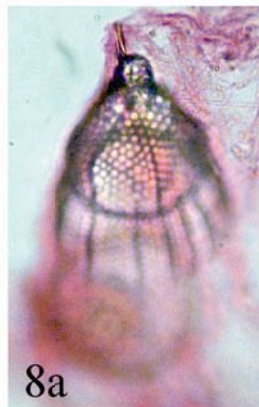
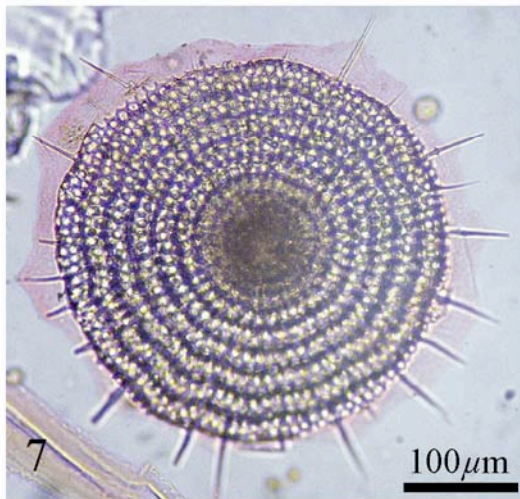
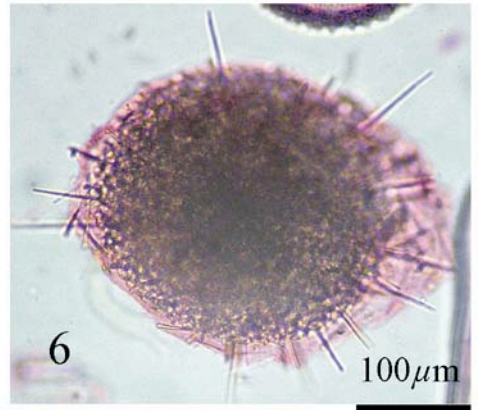
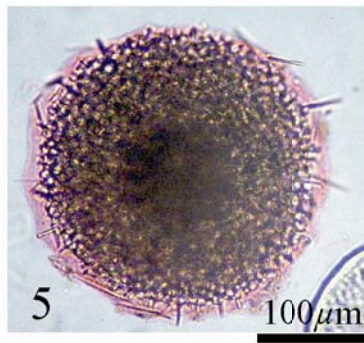
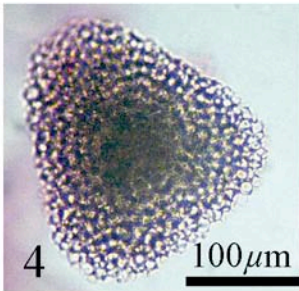
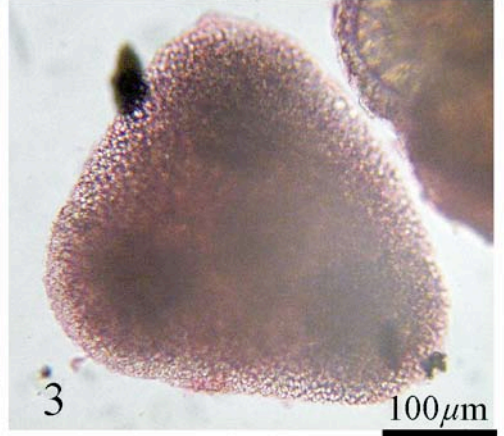
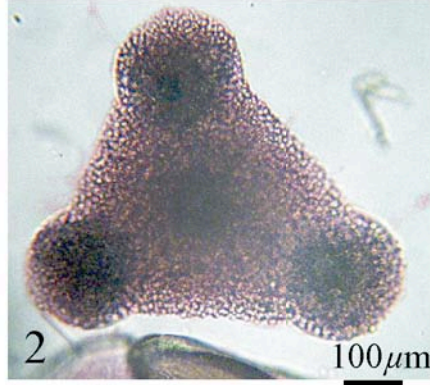
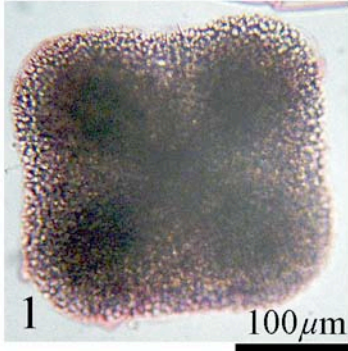


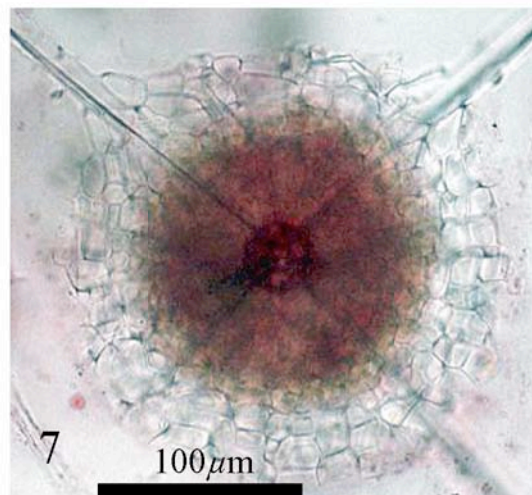
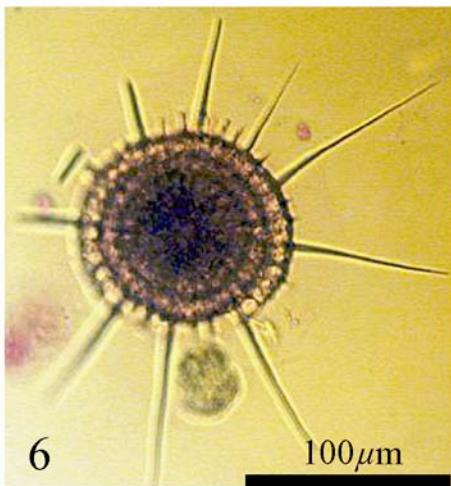
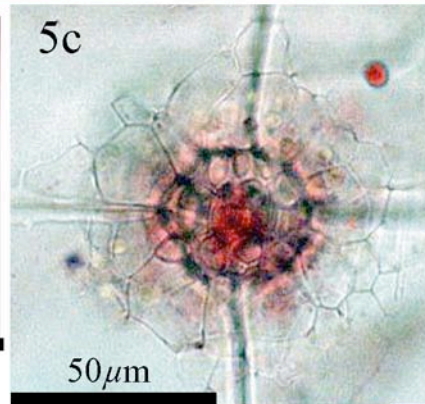
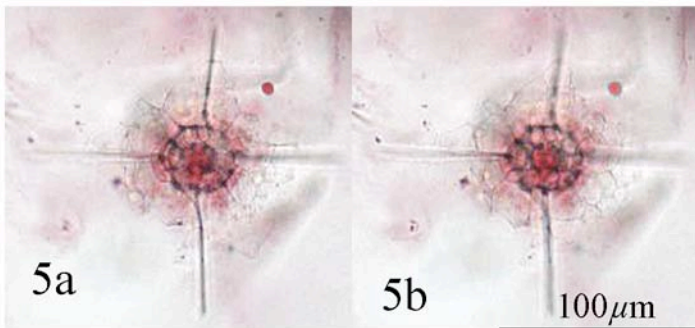
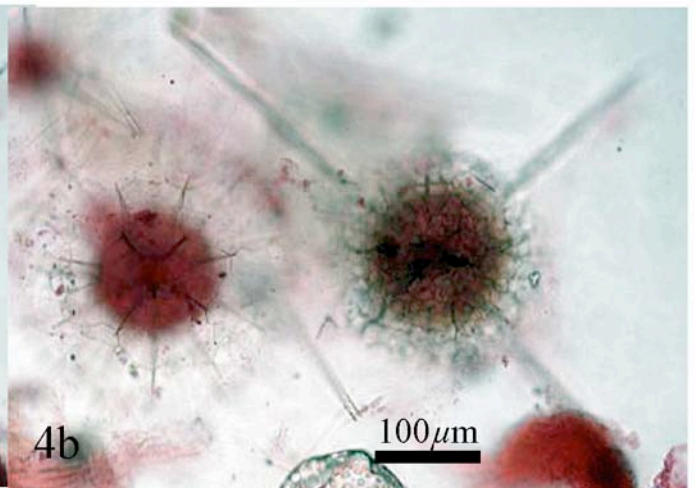
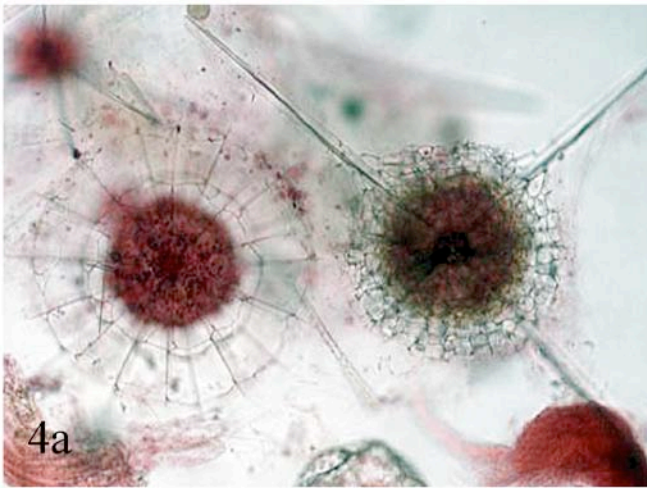
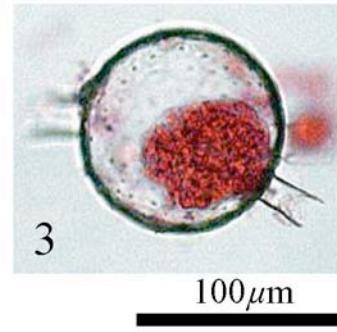
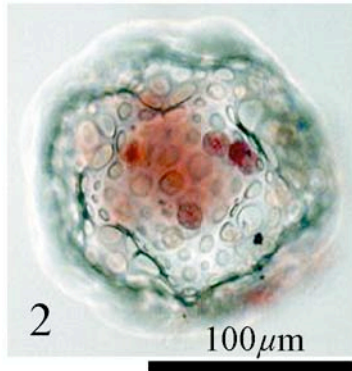
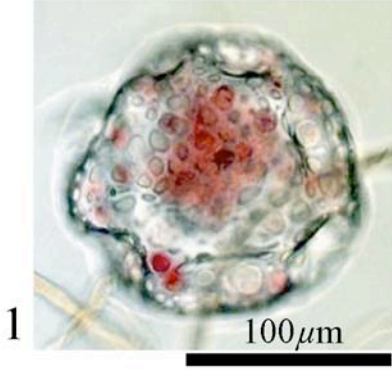
Plate 34

“Challenger” Station 269

- Fig. 1. *Collosphaera tuberosa* (Haeckel 1887)
Station 269, Slide reg. no. 90.4.3.10
- Fig. 2. *Collosphaera tuberosa* (Haeckel 1887)
Station 269, Slide reg. no. 90.4.3.10
- Fig. 3. *Siphonosphaera socialis* Haeckel 1887
Station 269, Slide reg. no. 90.4.3.10
- Figs. 4a-4b. left. *Arachnosphaera oligacantha* Haeckel 1860
Station 269, Slide reg. no. 90.4.3.10
- Figs. 4a-4b. right. *Spongospaera streptacantha* Haeckel 1860
Station 269, Slide reg. no. 90.4.3.10
- Figs. 5a-5c. *Spongospaera streptacantha* Haeckel 1860
Station 269, Slide reg. no. 90.4.3.10
- Fig. 6. *Flustrella arachnia* (Müller 1858)
Station 269, Slide reg. no. 90.4.3.10
- Fig. 7. *Spongospaera streptacantha* Haeckel 1860
Station 269, Slide reg. no. 90.4.3.10

Sta.269 (90.4.3.10)

Plate 34



Acantharia
A. 269
90.4.3.10
Surface: animal
Sept 1875
Raupe

Plate 35

“Challenger” Station 269

Figs. 1a-1b. *Dictyocoryne muelleri* (Haeckel 1860)

Station 269, Slide reg. no. 90.4.3.11

Figs. 2a-2b. *Spongosphaera streptacantha* Haeckel 1860

Station 269, Slide reg. no. 90.4.3.11

Figs. 3a-3b. *Spongosphaera streptacantha* Haeckel 1860

Station 269, Slide reg. no. 90.4.3.11

Figs. 4a-4b. *Acanthodesmia muelleri* (Haeckel 1862)

Station 269, Slide reg. no. 90.4.3.11

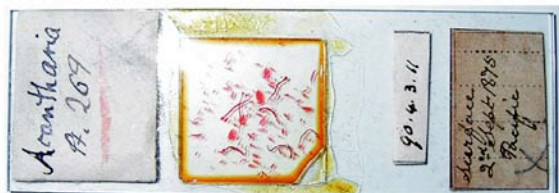
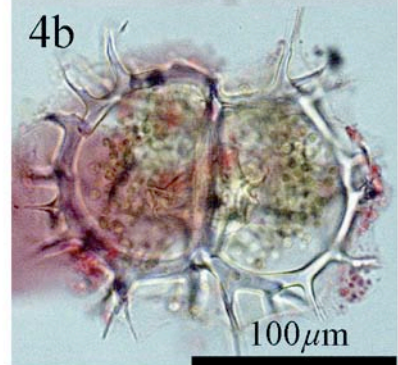
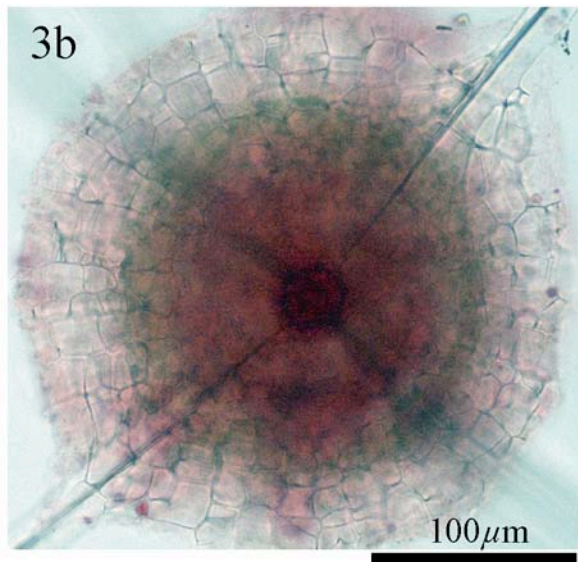
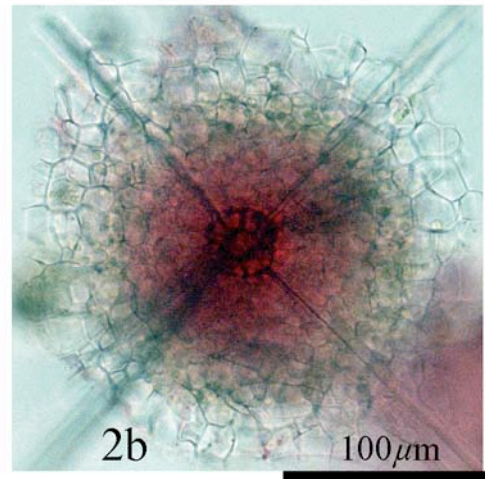
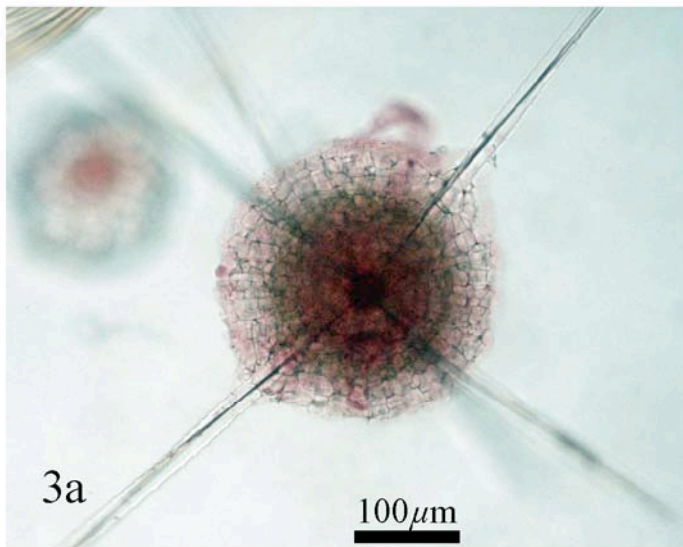
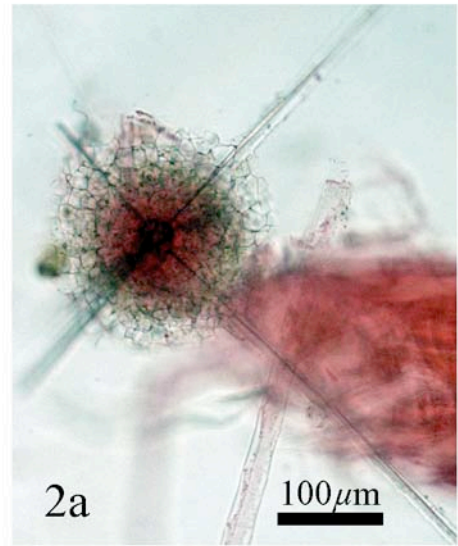
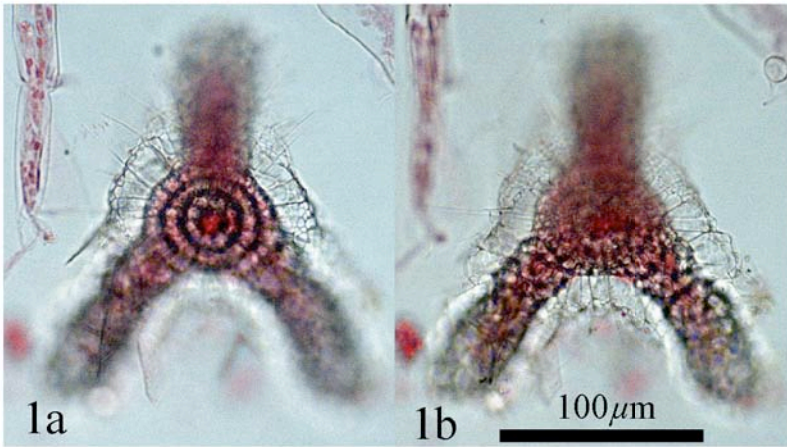


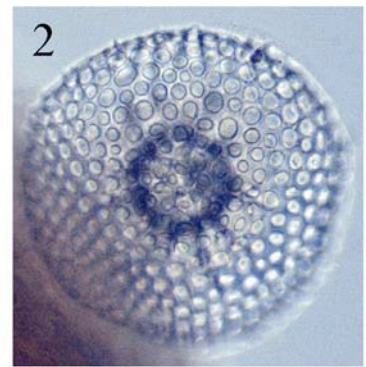
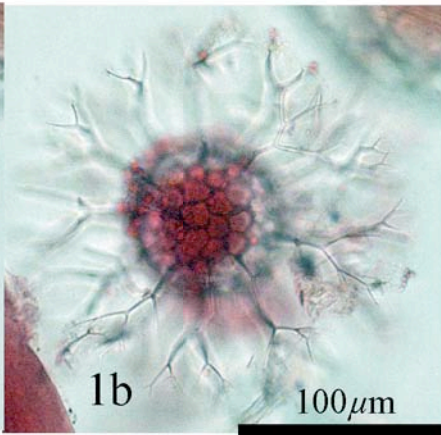
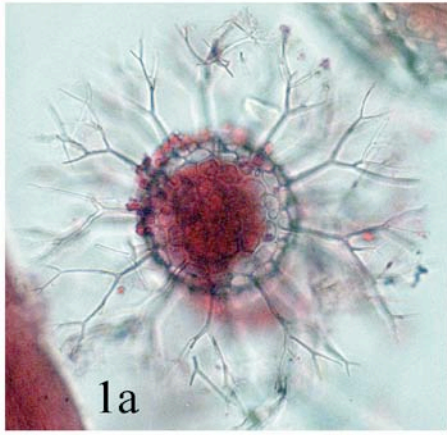
Plate 36

“Challenger” Station 269

- Figs. 1a-1b. *Cladococcus gaussi* (Popofsky 1912)
Station 269, Slide reg. no. 90.4.3.12
- Fig. 2. *Heliodiscus amphidiscus* (Müller 1858)
Station 269, Slide reg. no. 90.4.3.12
- Figs. 3a-3b. *Spongosphaera streptacantha* Haeckel 1860
Station 269, Slide reg. no. 90.4.3.151
- Fig. 4. *Heliodiscus asteriscus* Haeckel 1887
Station 269, Slide reg. no. 90.4.3.151
- Fig. 5. *Dictyocoryne angulata* Ehrenberg 1872a
Station 269, Slide reg. no. 90.4.3.151
- Figs. 6a-6b. *Acanthodesmia muelleri* (Haeckel 1862)
Station 269, Slide reg. no. 90.4.3.151
- Fig. 7. *Siphonosphaera socialis* Haeckel 1887
Station 269, Slide reg. no. 90.4.3.151

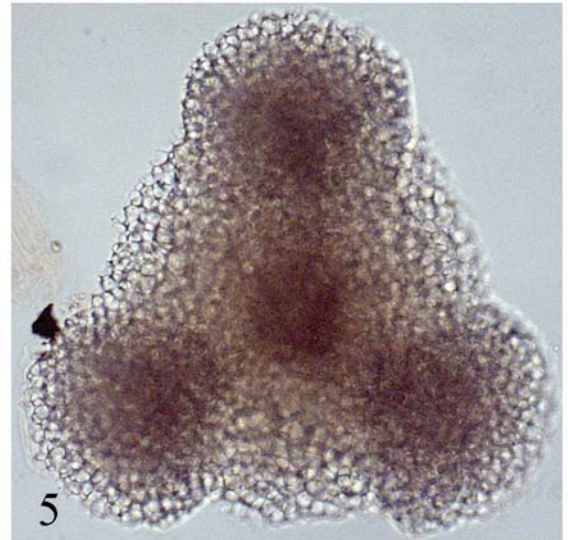
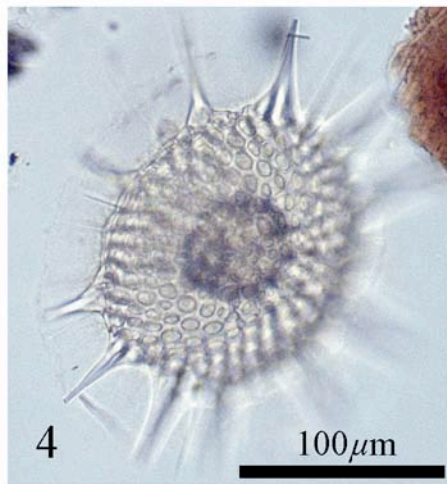
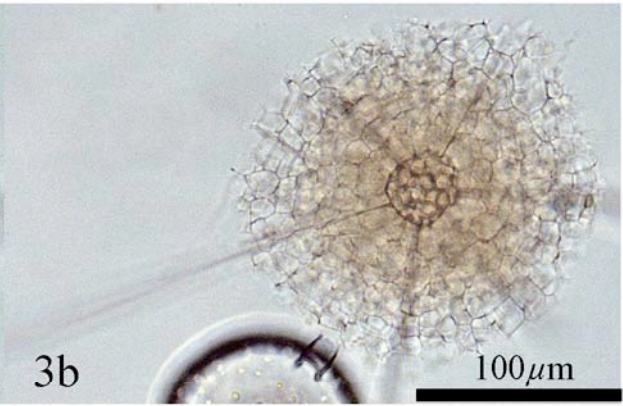
Sta.269 (90.4.3.12)

Plate 36



100μm

Sta.269 (90.4.3.151)



100μm

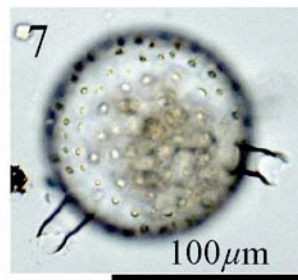
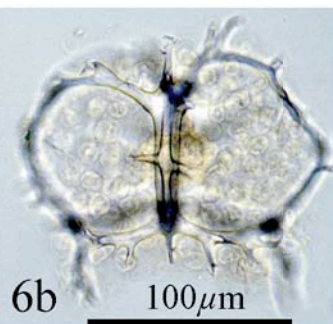
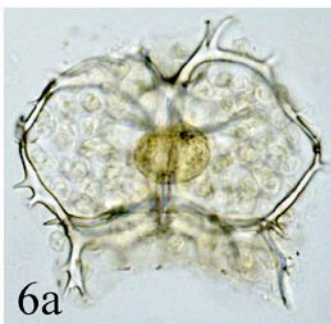


Plate 37

“Challenger” Station 269

Figs. 1a-1b. *Spongosphaera streptacantha* Haeckel 1860

Station 269, Slide reg. no. 90.4.3.151

Fig. 2. *Flustrella arachnia* (Müller 1858)

Station 269, Slide reg. no. 90.4.3.151

Figs. 3a-3b. *Heliosoma radians* Haeckel 1887

Station 269, Slide reg. no. 90.4.3.151

Figs. 4a-4d. *Actinosphaera capillacea* (Haeckel 1887)

Station 269, Slide reg. no. 90.4.3.151

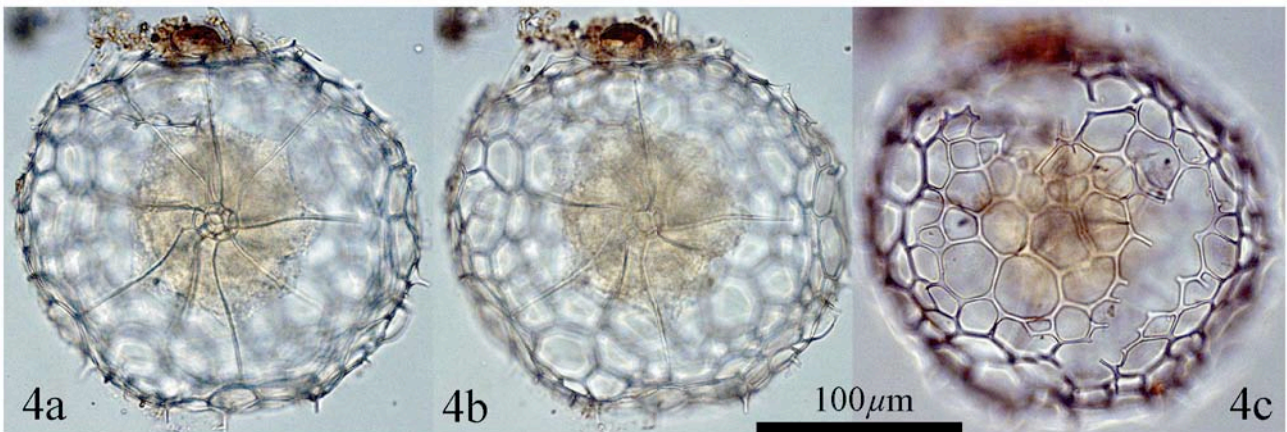
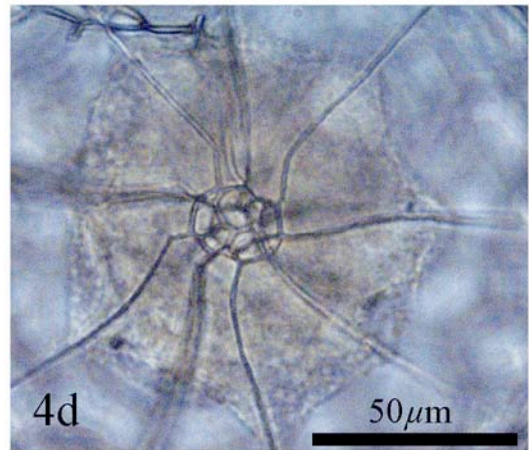
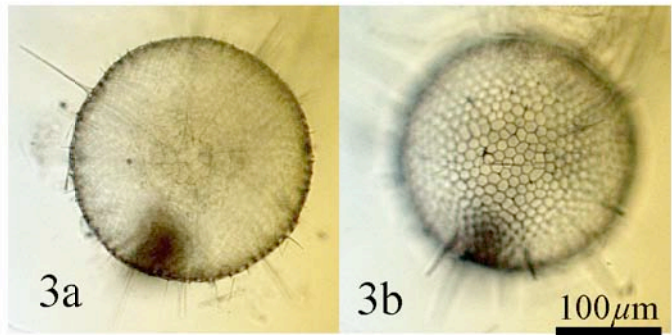
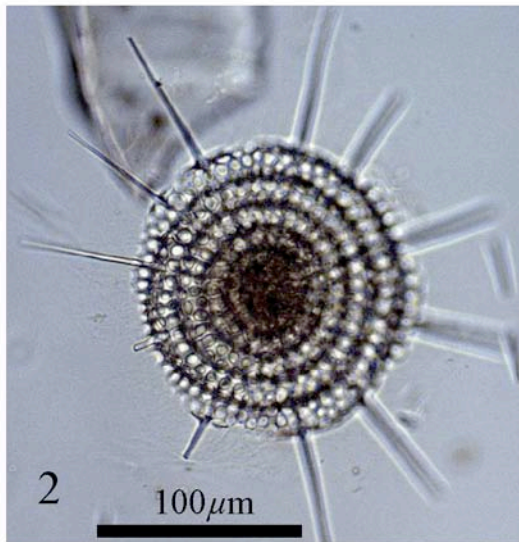
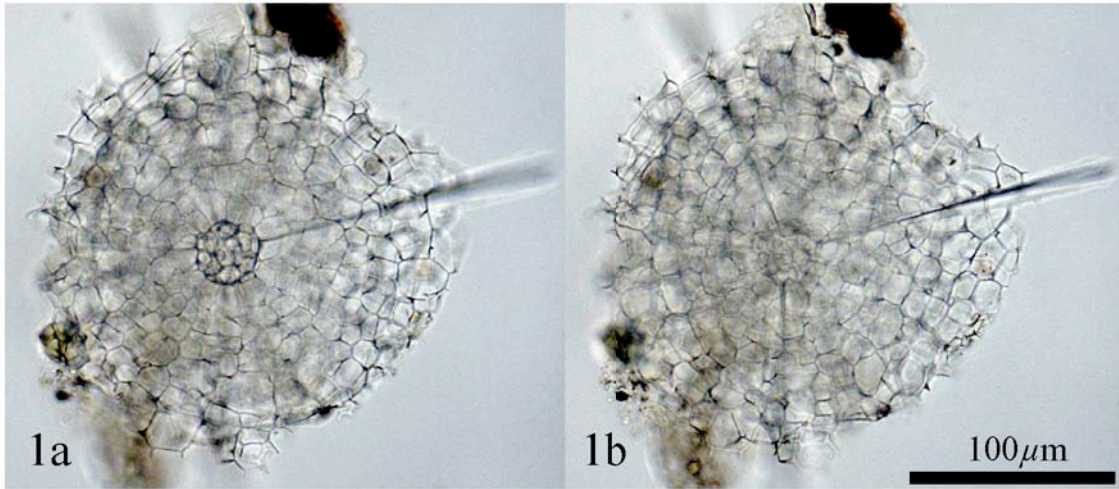


Plate 38

“Challenger” Station 269

Figs. 1a-1b. *Periarachnium venosum* (Haeckel 1887)

Station 269, Slide reg. no. 90.4.3.151

Figs. 2a-2b. *Anthocyrtidium oxycephalis* (Haeckel 1887)

Station 269, Slide reg. no. 90.4.3.151

Figs. 3a-3b. *Tetrapyle quadriloba* (Ehrenberg 1861b)

Station 269, Slide reg. no. 90.4.3.151

Figs. 4a-4d. *Thalassosphaera bifurca* Haeckel 1887

Station 269, Slide reg. no. 90.4.3.151

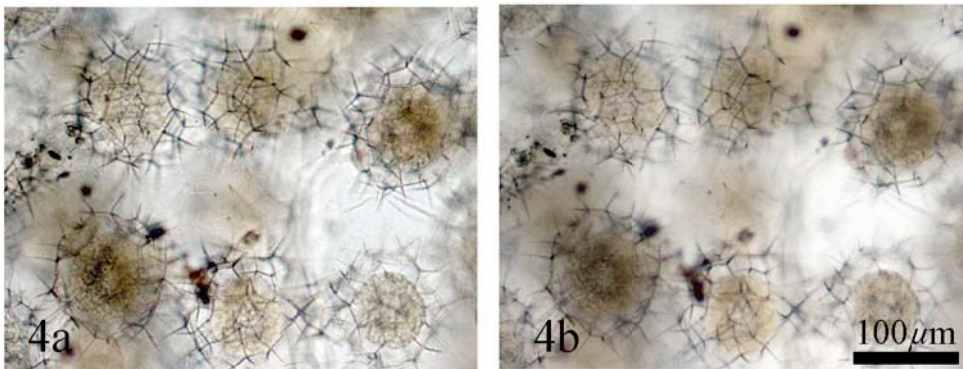
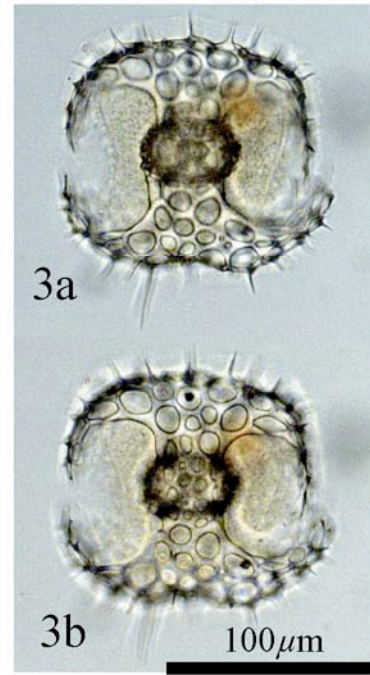
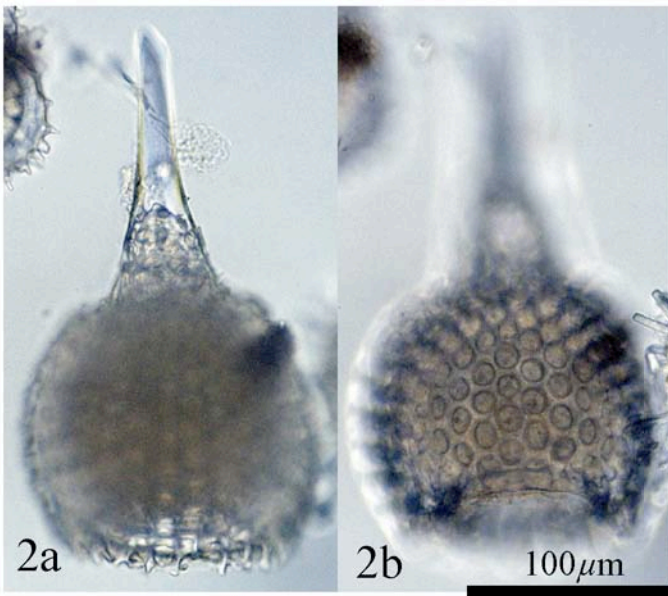
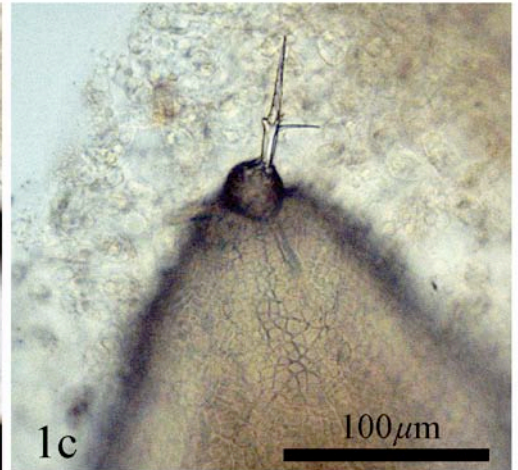
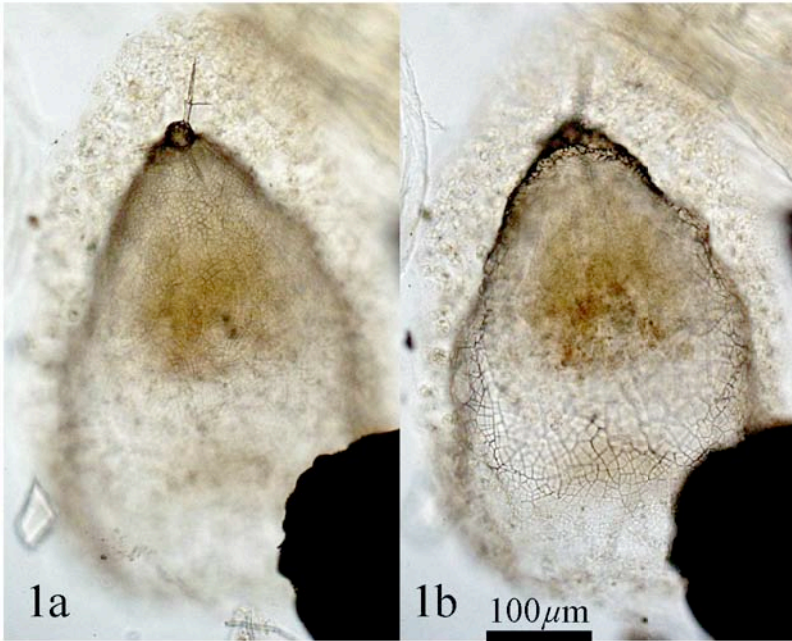
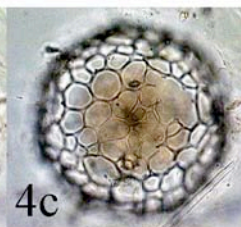
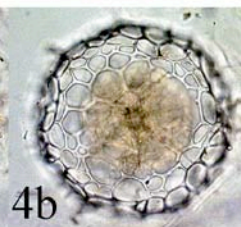
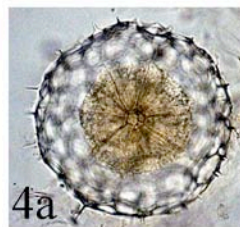
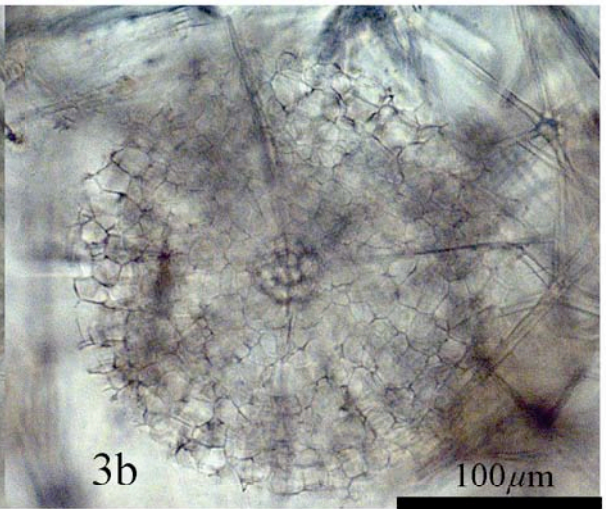
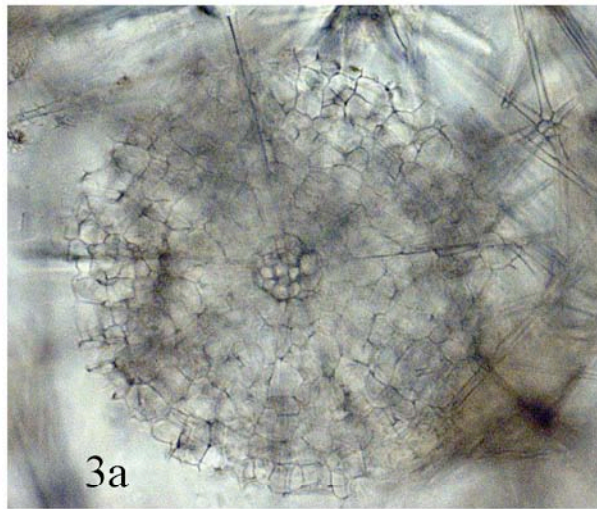
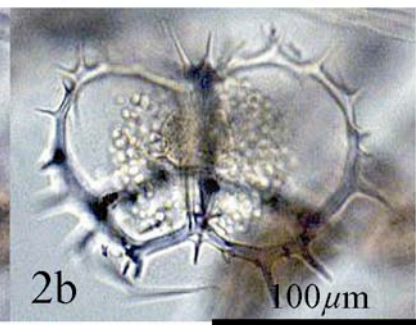
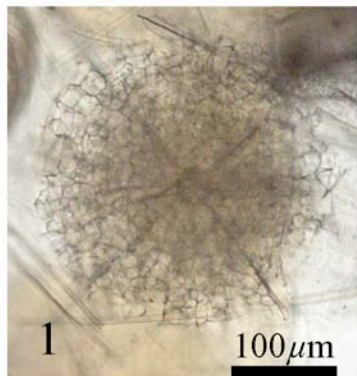


Plate 39

“Challenger” Station 269

- Fig. 1. *Spongosphaera streptacantha* Haeckel 1860
Station 269, Slide reg. no. 90.4.3.152
- Figs. 2a-2b. *Acanthodesmia muelleri* (Haeckel 1862)
Station 269, Slide reg. no. 90.4.3.152
- Figs. 3a-3b. *Spongosphaera streptacantha* Haeckel 1860
Station 269, Slide reg. no. 90.4.3.152
- Figs. 4a-4d. *Actinosphaera capillacea* (Haeckel 1887)
Station 269, Slide reg. no. 90.4.3.152
- Fig. 5. *Plegmosphaera entodictyon* Haeckel 1887
Station 269, Slide reg. no. 90.4.3.152
- Fig. 6. *Dictyocoryne elegans* (Ehrenberg 1872a)
Station 269, Slide reg. no. 90.4.3.152
- Figs. 7a-7b. **unnamed radioalria**
Station 269, Slide reg. no. 90.4.3.152
- Fig. 8. *Nephrospyris renilla* Haeckel 1887
Station 269, Slide reg. no. 90.4.3.152



100µm

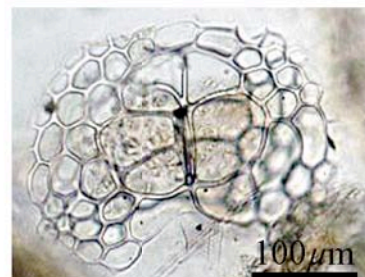
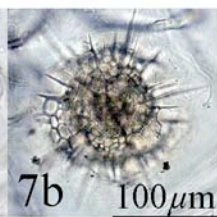
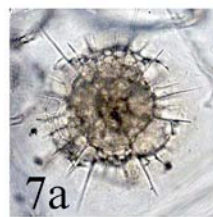
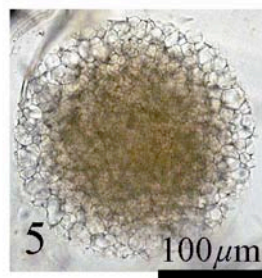
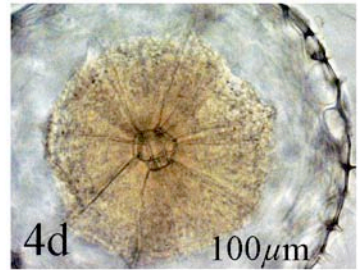


Plate 40

“Challenger” Station 269

Figs. 1a-1b. *Leptosphaera minuta* Popofsky 1912 sensu Takahashi (1991)
Station 269, Slide reg. no. 90.4.3.153

Figs. 2a-2b. *Spongosphaera streptacantha* Haeckel 1860
Station 269, Slide reg. no. 90.4.3.153

Sta.269 (90.4.3.153)

Plate 40

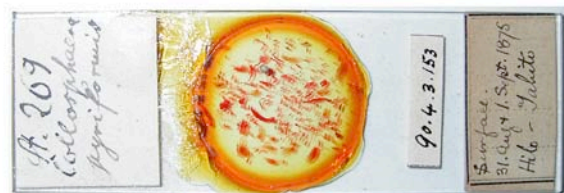
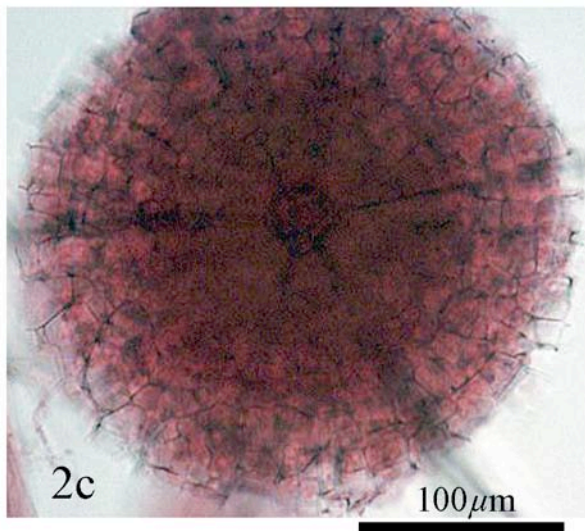
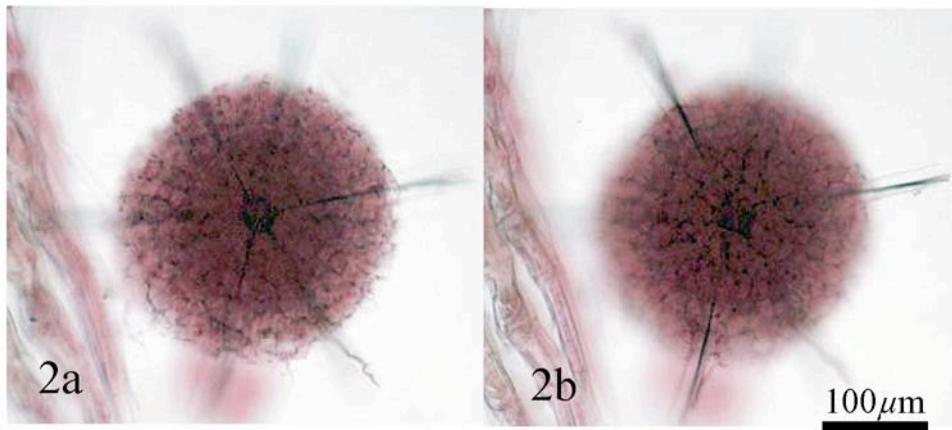
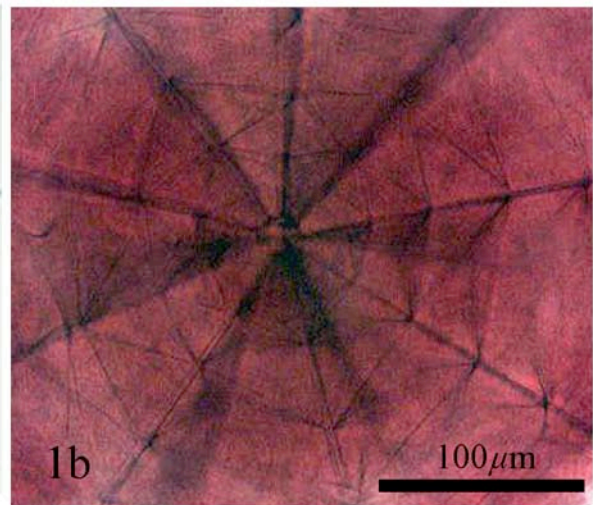
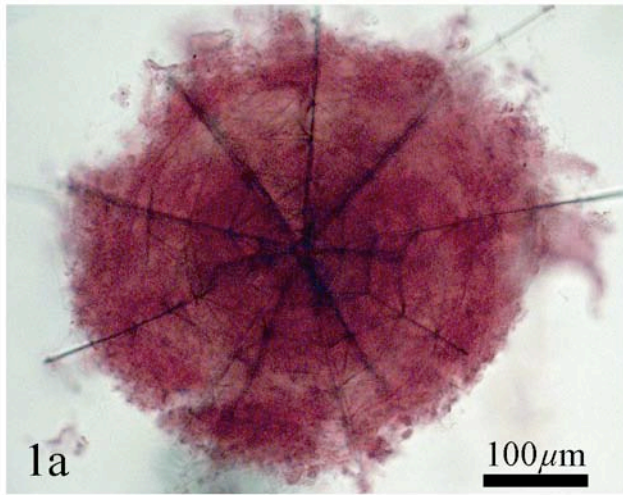


Plate 41

“Challenger” Station 269

- Figs. 1a-1b. *Spongosphaera streptacantha* Haeckel 1860
Station 269, Slide reg. no. 90.4.3.154
- Figs. 2a-2c. *Spongosphaera streptacantha* Haeckel 1860
Station 269, Slide reg. no. 90.4.3.154
- Figs. 3a-3c. *Spongosphaera streptacantha* Haeckel 1860
Station 269, Slide reg. no. 90.4.3.154
- Fig. 4. *Flustrella arachnia* (Müller 1858)
Station 269, Slide reg. no. 90.4.3.154
- Figs. 5a-5b. *Centrocubus octostylus* Haeckel 1887
Station 269, Slide reg. no. 90.4.3.154
- Figs. 6a-6b. *Spongosphaera streptacantha* Haeckel 1860
Station 269, Slide reg. no. 90.4.3.154
- Fig. 7. **Juvenile of the Genus *Dictyocoryne***
Station 269, Slide reg. no. 90.4.3.154
- Fig. 8. *Disolenia zanguebarica* (Ehrenberg 1872a)
Station 269, Slide reg. no. 90.4.3.154
- Figs. 9a-9c. *Actinosphaera capillacea* (Haeckel 1887)
Station 269, Slide reg. no. 90.4.3.154
- Fig. 10a-10c. *Styptosphaera spongiacea* Haeckel 1887
Station 269, Slide reg. no. 90.4.3.154

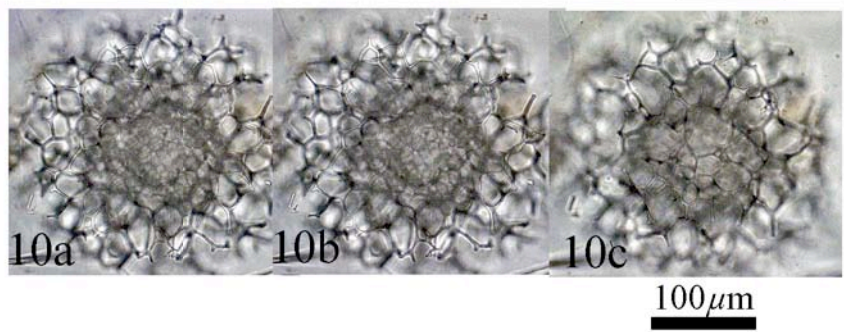
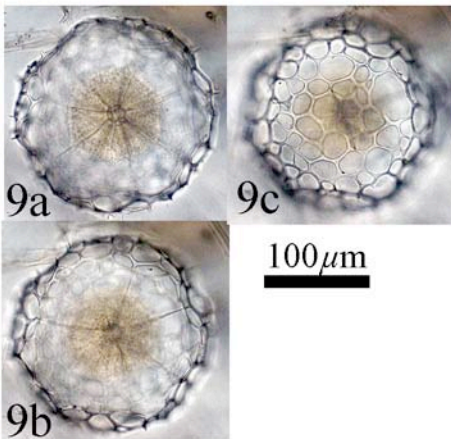
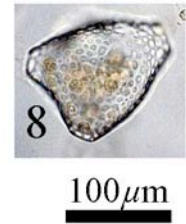
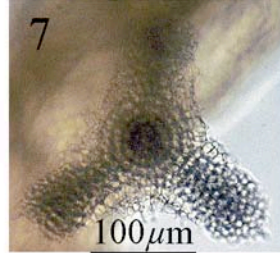
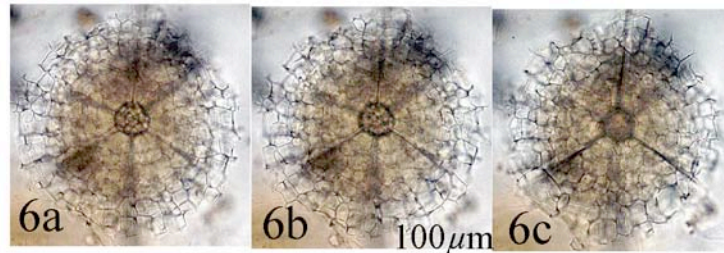
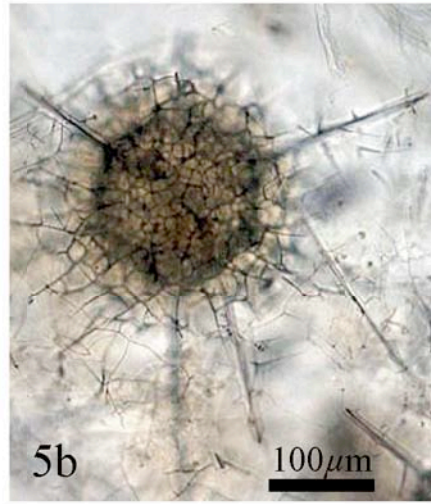
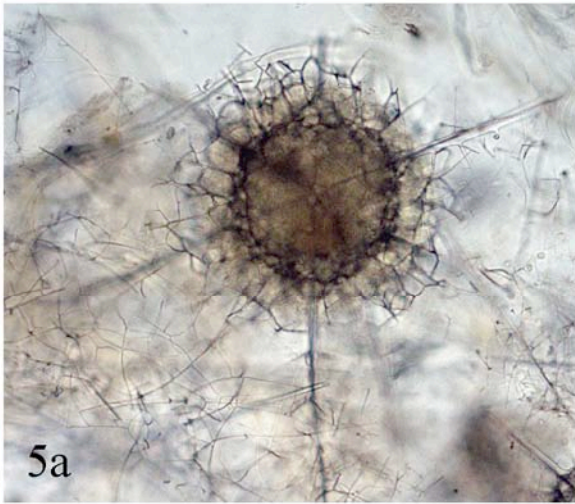
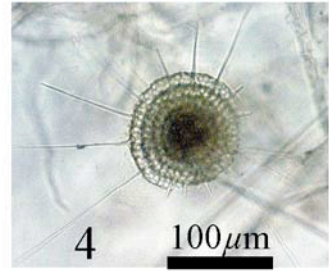
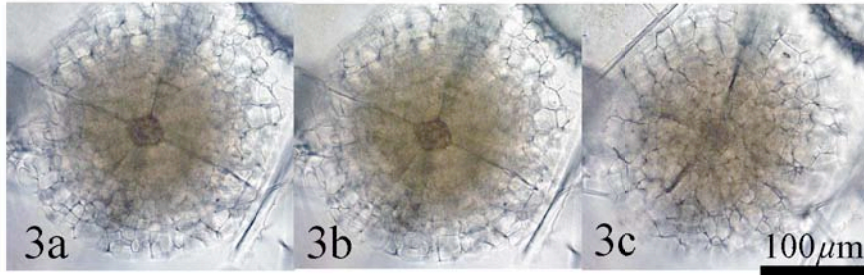
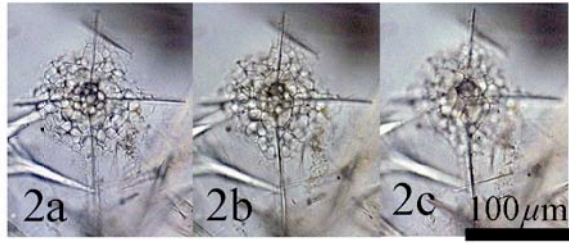
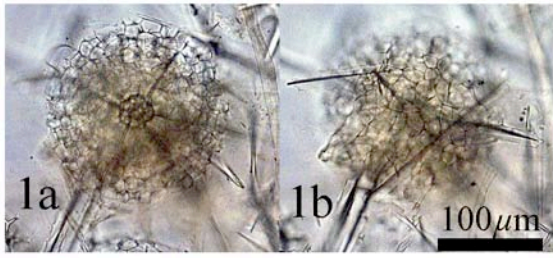


Plate 42

“Challenger” Station 269

- Fig. 1. *Lampromitra sinuosa* Popofsky 1913
Station 269, Slide reg. no. 90.4.3.154
- Figs. 2a-2b. *Theocalyptra tricostatum* (Haeckel 1887)
Station 269, Slide reg. no. 90.4.3.154
- Fig. 3. *Theophormis callipilium* Haeckel 1887
Station 269, Slide reg. no. 90.4.3.154
- Figs. 4a-4c. *Lampromitra pentalactis* (Haeckel 1887)
Station 269, Slide reg. no. 90.4.3.154
- Figs. 5a-5b. *Spongosphaera streptacantha* Haeckel 1860
Station 269, Slide reg. no. 90.4.3.154
- Figs. 6a-6c. *Styptosphaera spongiacea* Haeckel 1887
Station 269, Slide reg. no. 90.4.3.154
- Figs. 7a-7b. *Spongosphaera streptacantha* Haeckel 1860
Station 269, Slide reg. no. 90.4.3.154
- Figs. 8a-8c. *Didymocyrtis tetrathalamus tetrathalamus* (Haeckel 1887)
Station 269, Slide reg. no. 90.4.3.154
- Fig. 9. *Dictyocoryne elegans* (Ehrenberg 1872a)
Station 269, Slide reg. no. 90.4.3.154
- Fig. 10. *Dictyocoryne elegans* (Ehrenberg 1872a)
Station 269, Slide reg. no. 90.4.3.154

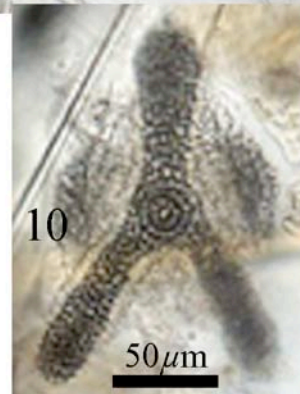
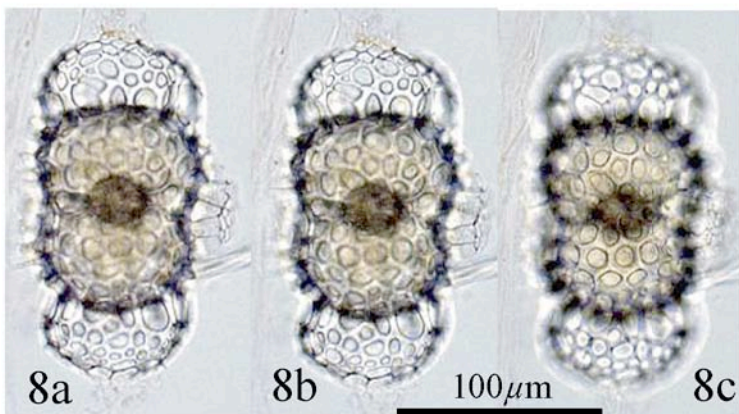
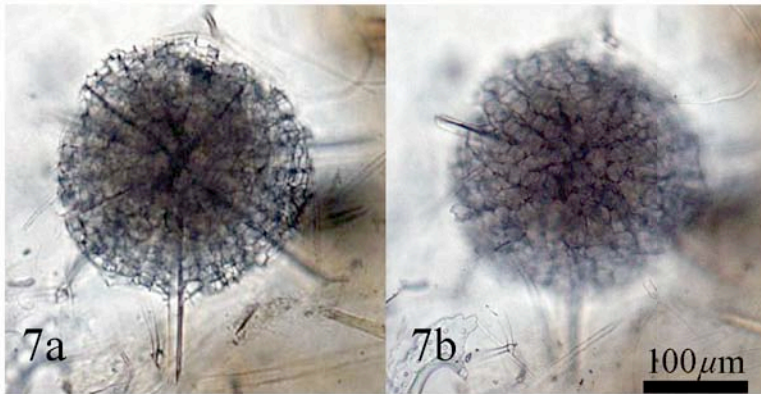
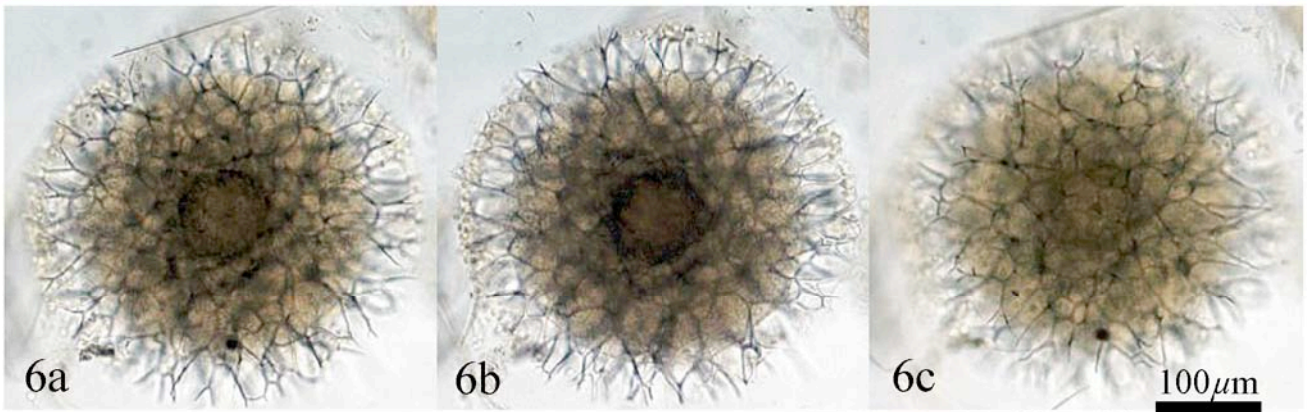
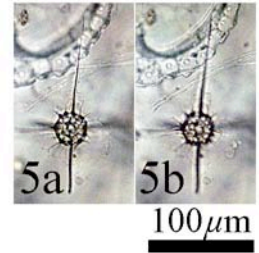
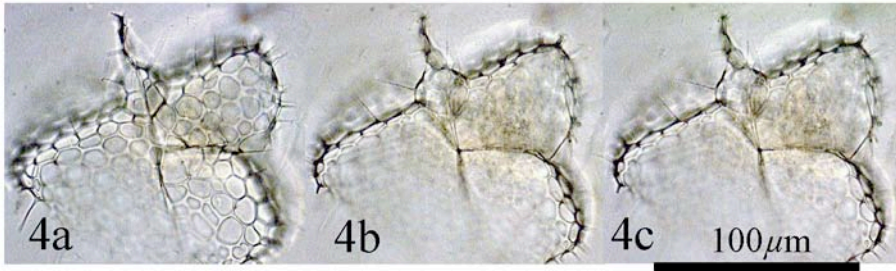
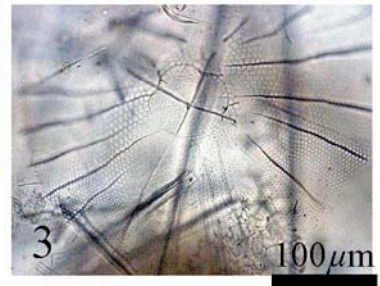
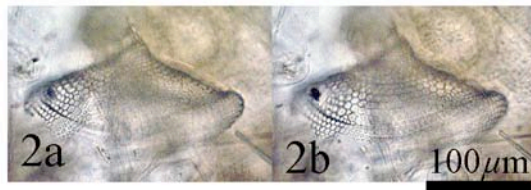
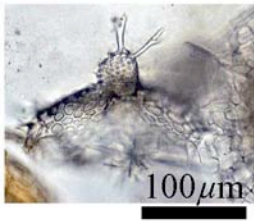


Plate 43

“Challenger” Station 269

Fig. 1. *Nassellaria* gen. et sp. indet.

Station 269, Slide reg. no. 90.4.3.155

Figs. 2a-2b. *Actinosphaera capillacea* (Haeckel 1887)

Station 269, Slide reg. no. 90.4.3.155

Figs. 3a-3b. *Leptosphaera minuta* Popofsky 1912 sensu Takahashi (1991)

Station 269, Slide reg. no. 90.4.3.155

Figs. 4a-4b. *Xiphosphaera tesseractis* Dreyer 1913

Station 269, Slide reg. no. 90.4.3.155

Figs. 5a-5b. *Siphonosphaera socialis* Haeckel 1887

Station 269, Slide reg. no. 90.4.3.155

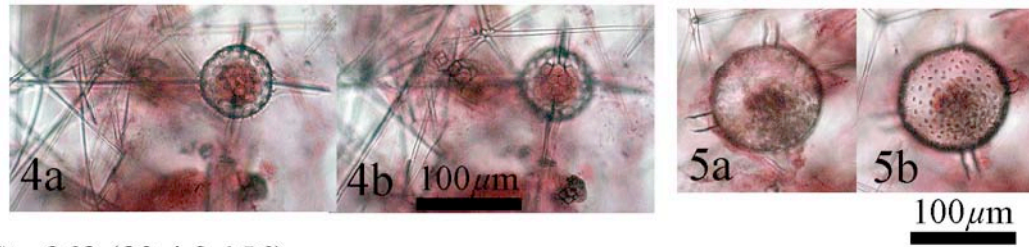
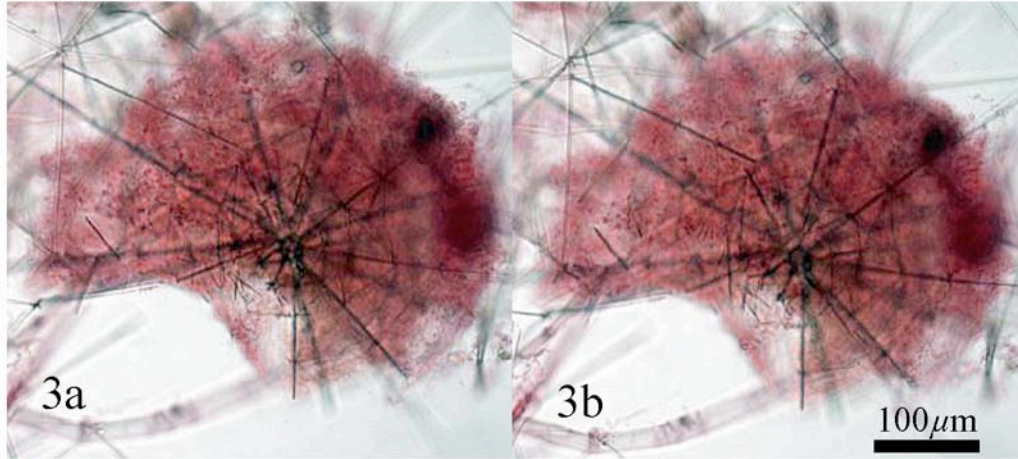
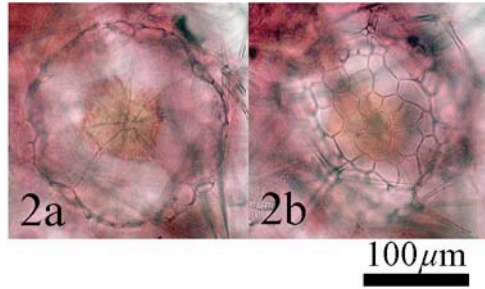
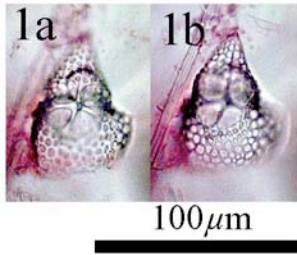
Figs. 6a-6b. *Flustrella arachnia* (Müller 1858)

Station 269, Slide reg. no. 90.4.3.155

Figs. 7a-7c. *Arachnosphaera oligacantha* Haeckel 1860

Station 269, Slide reg. no. 90.4.3.155

Sta.269 (90.4.3.155)



Sta.269 (90.4.3.156)

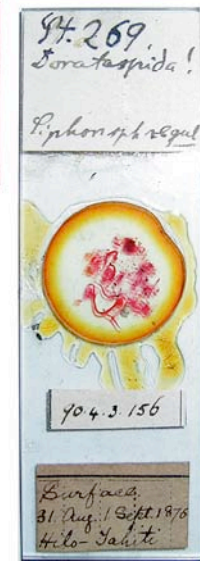
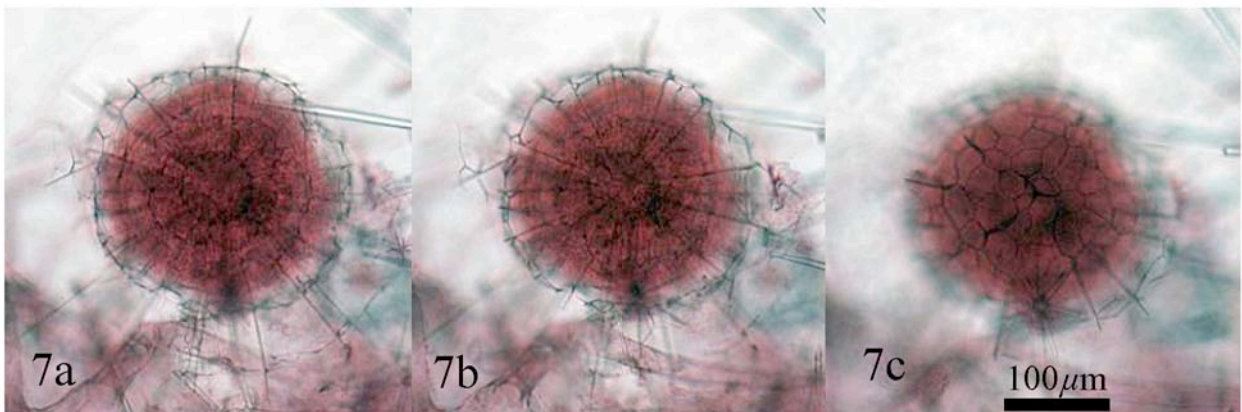
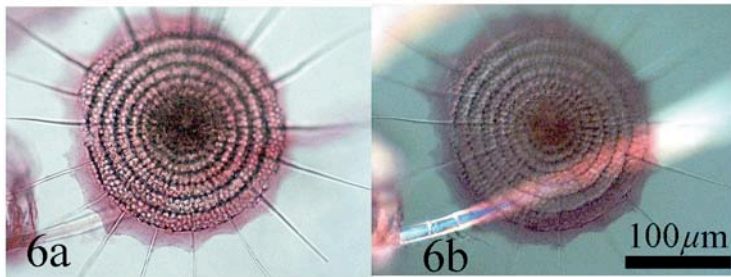


Plate 44

“Challenger” Station 236

Figs. 1a-1b. *Dictyocoryne profunda* Ehrenberg 1872a

Station 236, Slide reg. no. 90.4.3.4

Fig. 2. *Styptosphaera spongiacea* Haeckel 1887

Station 236, Slide reg. no. 90.4.3.4

Fig. 3. *Dictyocoryne muelleri* (Haeckel 1862)

Station 236, Slide reg. no. 90.4.3.4

Fig. 4. *Spongaster tetras tetras* Ehrenberg 1872a

Station 236, Slide reg. no. 90.4.3.4

Fig. 5. *Spongaster tetras tetras* Ehrenberg 1872a

Station 236, Slide reg. no. 90.4.3.4

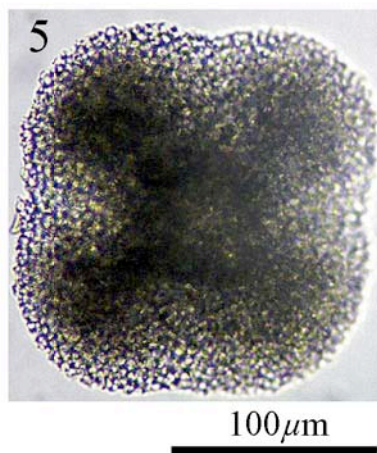
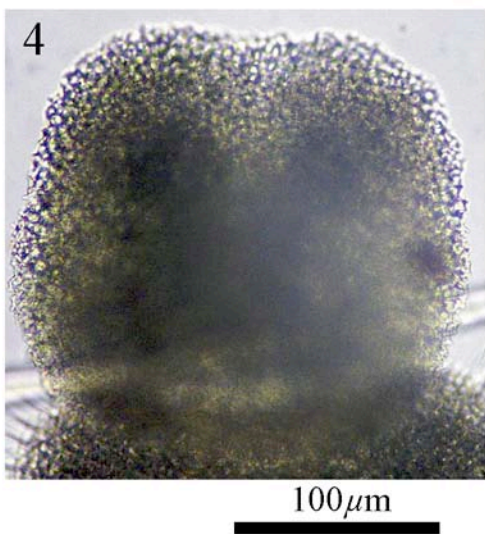
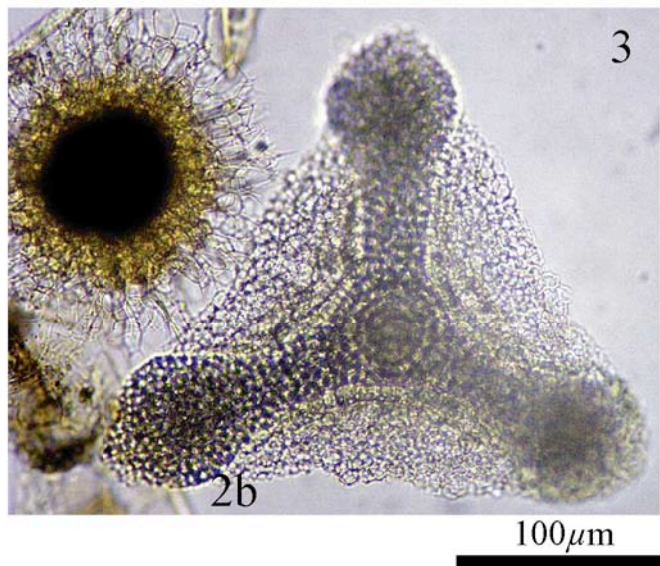
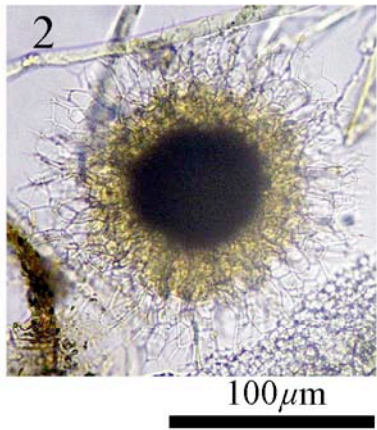
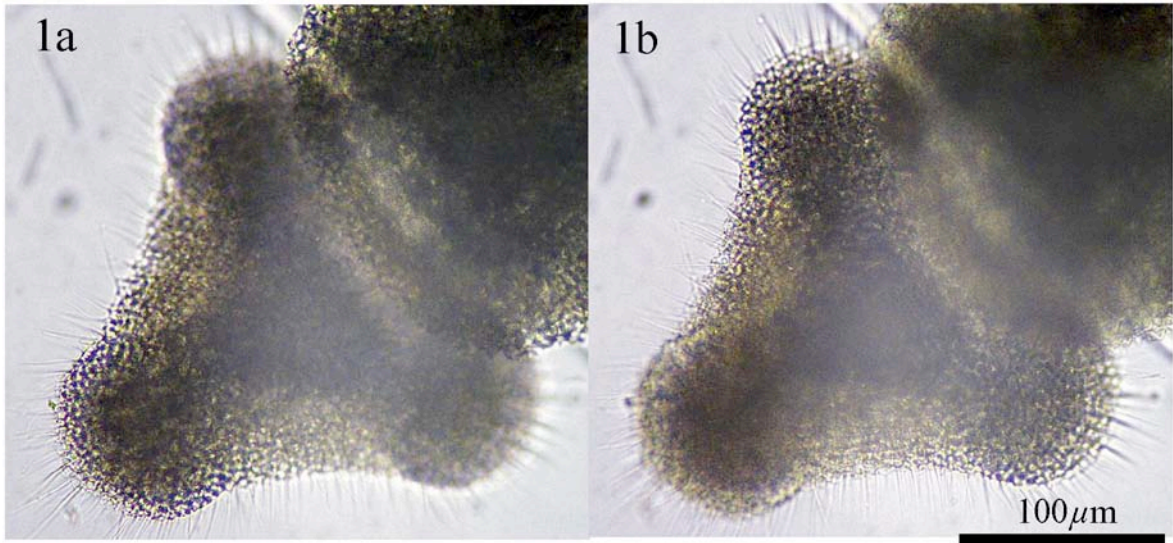


Plate 45

Teaching radiolarian slide in the Haeckel Radiolaria collection, housed in the Micropaleontology Section, the Natural History Museum, London

- Nr. 1. Polycyttarien-Plankton. (Pelagisch.) Mediterraneum Messina. Haeckel
reg. no. 92.12.14.1
- Nr. 2. Polycyttarien-Plankton. (Pelagisch.) Nörd. Atlant. Oc. Canaria. Haeckel
reg. no. 92.12.14.2
- Nr. 3. Polycyttarien-Plankton. (Pelagisch.) Nörd. Atlant. Oc. Bamudas. Rabbe.
reg. no. 92.12.14.3
- Nr. 4. Polycyttarien-Plankton. (Pelagisch.) Südl. Atlant. Oc. Trinidad. Rabbe.
reg. no. 92.12.14.4
- Nr. 5. Polycyttarien-Plankton. (Pelagisch.) Südl. Ind. Oc. Madagascar. Rabbe.
reg. no. 92.12.14.5
- Nr. 6. Polycyttarien-Plankton. (Pelagisch.) Nördl. Ind. Oc. Ceylon. Haeckel.
reg. no. 92.12.14.6
- Nr. 7. Polycyttarien-Plankton. (Pelagisch.) Südl. Pacif. Oc. Elisabeth-I. Rabbe.
reg. no. 92.12.14.7
- Nr. 8. Polycyttarien-Plankton. (Pelagisch.) Nördl. Pacif. Oc. Japan. Chall. 229
reg. no. 92.12.14.8
- Nr. 9. Acantharien-Plankton. (Pelagisch.) Südl. Pacif. Oc. Patagon. Chall. 302
reg. no. 92.12.14.9
- Nr. 10. Acantharien -Plankton. (Pelagisch.) Nörd. Atlant. Oc. Fär-Öer. Triton
reg. no. 92.12.14.10
- Nr. 11. Phaeodarien-Plankton. (Pelagisch.) Nördl. Atlant. Oc. Fär-Öer. Triton
reg. no. 92.12.14.11
- Nr. 13. Phaeodarien-Plankton. (Pelagisch.) Südl. Pacif. Oc. Galapagos. Rabbe.
reg. no. 92.12.14.13
- Nr. 14. Tiefsee-Kerat. Spongien-Skel. *Psammopemma radiolarium* C. Pacif.
Chall. 272; reg. no. 92.12.14.14
- Nr. 15. Tiefsee-Kerat. Spongien-Skel. *Cerelasma gyrosphaera* C. Pacif. Chall. 271
reg. no. 92.12.14.15
- Nr. 16. Tiefsee-Kerat. Spongien-Skel. *Psammophyllum annectens* N. Pacif. Chall.
244 reg. no. 92.12.14.16
- Nr. 17. Tiefsee-Kerat. Spongien-Skel. *Stannophyllum zonarium* C. Pacif. Chall. 271
reg. no. 92.12.14.17







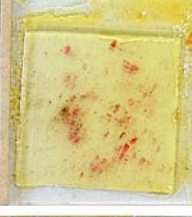
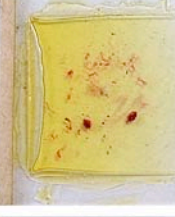



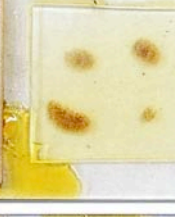
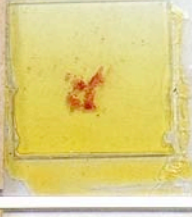





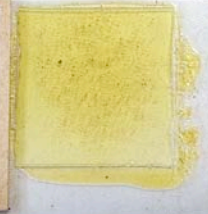
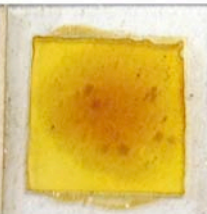
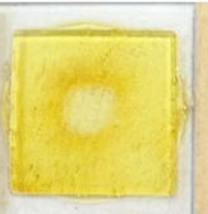

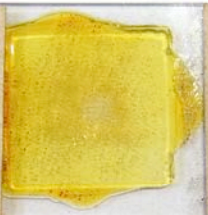


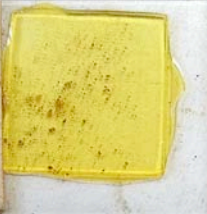



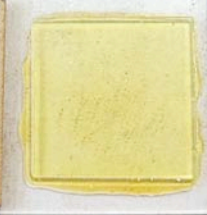
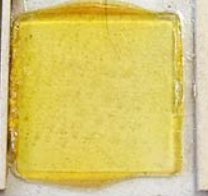

<p>92.12.14.1. RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 1. POLYCYTTARIEN- PLANKTON. (PELAGISCH.) Mediterraneum. Messina. Haeckel.</p>	<p>92.12.14.9. RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 9. ACANTHARIEN- PLANKTON. (PELAGISCH.) Südl. Pacif. Oc. Patagon. Chall. 302.</p>
<p>92.12.14.2. RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 2. POLYCYTTARIEN- PLANKTON. (PELAGISCH.) Nördl. Atlant. Oc. Canaria. Haeckel.</p>	<p>92.12.14.10. RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 10. ACANTHARIEN- PLANKTON. (PELAGISCH.) Nördl. Atlant. Oc. Fär-Öer. „Triton.“</p>
<p>92.12.14.3. RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 3. POLYCYTTARIEN- PLANKTON. (PELAGISCH.) Nördl. Atlant. Oc. Bermudas. Rabbe.</p>	<p>92.12.14.11. RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 11. PHAEOARIEN- PLANKTON. (PELAGISCH.) Nördl. Atlant. Oc. Fär-Öer. „Triton.“</p>
<p>92.12.14.4. RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 4. POLYCYTTARIEN- PLANKTON. (PELAGISCH.) Südl. Atlant. Oc. Trinidad. Rabbe.</p>	<p>RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890. 92.12.14.13</p>		<p>Rad. Coll. Nr. 13. PHAEOARIEN- PLANKTON. (PELAGISCH.) Südl. Pacif. Oc. Galapagos. Rabbe.</p>
<p>92.12.14.5. RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 5. POLYCYTTARIEN- PLANKTON. (PELAGISCH.) Südl. Ind. Oc. Madagascar. Rabbe.</p>	<p>92.12.14.14. RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 14. TIEFSEE-KERAT. SPONGIEN-SKEL. Psammopemma radiolarium. C. Pacif. Chall. 272.</p>
<p>92.12.14.6. RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 6. POLYCYTTARIEN- PLANKTON. (PELAGISCH.) Nördl. Ind. Oc. Ceylon. Haeckel.</p>	<p>92.12.14.15. RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 15. TIEFSEE-KERAT. SPONGIEN-SKEL. Cerelasma gyrosphaera. C. Pacif. Chall. 271.</p>
<p>92.12.14.7. RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 7. POLYCYTTARIEN- PLANKTON. (PELAGISCH.) Südl. Pacif. Oc. Elisabeth-I. Rabbe.</p>	<p>92.12.14.16. RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 16. TIEFSEE-KERAT. SPONGIEN-SKEL. Psammophyllum annectens. N. Pacif. Chall. 244.</p>
<p>92.12.14.8. RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 8. POLYCYTTARIEN- PLANKTON. (PELAGISCH.) Nördl. Pacif. Oc. Japan. Chall. 229.</p>	<p>92.12.14.17. RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 17. TIEFSEE-KERAT. SPONGIEN-SKEL. Stammophyllum zonarium. C. Pacif. Chall. 271.</p>

Plate 46

Teaching radiolarian in the Haeckel Radiolaria collection, housed in the Micropaleontology Section, the Natural History Museum, London

- Nr. 18. Tiefseeschlamm. Radiol. Ooze Chall. Stat. 225 W. Pacif. 4475 Fd.
reg. no. 92.12.14.18
- Nr. 19. Tiefseeschlamm. Radiol. Ooze Chall. Stat. 226 W. Pacif. 2300 Fd.
reg. no. 92.12.14.19
- Nr. 20. Tiefseeschlamm. Radiol. Ooze Chall. Stat. 265 C. Pacif. 2900 Fd.
reg. no. 92.12.14.20
- Nr. 21. Tiefseeschlamm. Radiol. Ooze Chall. Stat. 266 C. Pacif. 2750 Fd.
reg. no. 92.12.14.21
- Nr. 22. Tiefseeschlamm. Radiol. Ooze Chall. Stat. 268 C. Pacif. 2900 Fd.
reg. no. 92.12.14.22
- Nr. 23. Tiefseeschlamm. Radiol. Ooze Chall. Stat. 270 C. Pacif. 2925 Fd.
reg. no. 92.12.14.23
- Nr. 24. Tiefseeschlamm. Radiol. Ooze Chall. Stat. 271 C Pacif. 2425 Fd.
reg. no. 92.12.14.24
- Nr. 25. Tiefseeschlamm. Radiol. Ooze Chall. Stat. 272 C. Pacif. 2600 Fd.
reg. no. 92.12.14.25
- Nr. 26. Tiefseeschlamm. Radiol. Ooze Chall. Stat. 273 C. Pacif. 2350 Fd.
;reg. no. 92.12.14.26
- Nr. 27. Tiefseeschlamm. Radiol. Ooze Chall. Stat. 274 C. Pacif. 2750 Fd.
reg. no. 92.12.14.27
- Nr. 28. Tiefseeschlamm. Rother Thon. Chall. Stat. 241 N. Pacif. 2300 Fd.
reg. no. 92.12.14.28
- Nr. 29. Tiefseeschlamm. Rother Thon. Chall. Stat. 244 N. Pacif. 2900 Fd.
reg. no. 92.12.14.29
- Nr. 30. Tiefseeschlamm. Rother Thon. Chall. Stat. 253 N. Pacif. 3125 Fd.
reg. no. 92.12.14.30
- Nr. 31. Tiefseeschlamm. Diatom. Ooze Chall. Stat. 157 Antarct. 1950 Fd.
reg. no. 92.12.14.31
- Nr. 32. Tiefseeschlamm. Radiol. Ooze Egeria. IV. 1887. Ind. Oc. 2711 Fd.
reg. no. 92.12.14.232
- Nr. 34. Fossile Radiolarien. Tertiär-Mergel von Barbados (Miocaene Antillen)
reg. no. 92.12.14.34

<p>92.12.14.18 RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 18. TIEFSEESCHLAMM. RADIOL. OOZE. Chall. Stat. 225. W. Pacif. 4475 Fd.</p>	<p>92.12.14.26 RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 26. TIEFSEESCHLAMM. RADIOL. OOZE. Chall. Stat. 273. C. Pacif. 2350 Fd.</p>
<p>92.12.14.19 RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 19. TIEFSEESCHLAMM. RADIOL. OOZE. Chall. Stat. 226. W. Pacif. 2300 Fd.</p>	<p>92.12.14.27 RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 27. TIEFSEESCHLAMM. RADIOL. OOZE. Chall. Stat. 274. C. Pacif. 2750 Fd.</p>
<p>92.12.14.20 RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 20. TIEFSEESCHLAMM. RADIOL. OOZE. Chall. Stat. 265. C. Pacif. 2900 Fd.</p>	<p>92.12.14.28 RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 28. TIEFSEESCHLAMM. ROTHER THON. Chall. Stat. 241. N. Pacif. 2300 Fd.</p>
<p>92.12.14.21 RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 21. TIEFSEESCHLAMM. RADIOL. OOZE. Chall. Stat. 266. C. Pacif. 2750 Fd.</p>	<p>92.12.14.29 RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 29. TIEFSEESCHLAMM. ROTHER THON. Chall. Stat. 244. N. Pacif. 2900 Fd.</p>
<p>92.12.14.22 RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 22. TIEFSEESCHLAMM. RADIOL. OOZE. Chall. Stat. 268. C. Pacif. 2900 Fd.</p>	<p>92.12.14.30 RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 30. TIEFSEESCHLAMM. ROTHER THON. Chall. Stat. 253. N. Pacif. 3125 Fd.</p>
<p>92.12.14.23 RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 23. TIEFSEESCHLAMM. RADIOL. OOZE. Chall. Stat. 270. C. Pacif. 2925 Fd.</p>	<p>92.12.14.31 RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 31. TIEFSEESCHLAMM. DIATOM. OOZE. Chall. Stat. 157. Antarkt. 1950 Fd.</p>
<p>92.12.14.24 RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 24. TIEFSEESCHLAMM. RADIOL. OOZE. Chall. Stat. 271. C. Pacif. 2425 Fd.</p>	<p>92.12.14.32 RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890.</p>		<p>Rad. Coll. Nr. 32. TIEFSEESCHLAMM. RADIOL. OOZE. Egeria. IV. 1887. Ind. Oc. 2711 Fd.</p>
<p>RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890. 92.12.14.25</p>		<p>Rad. Coll. Nr. 25. TIEFSEESCHLAMM. RADIOL. OOZE. Chall. Stat. 272. C. Pacif. 2600 Fd.</p>	<p>RADIOLARIEN- COLLECTION von Professor Ernst Haeckel. Jena. 1890. 92.12.14.34</p>		<p>Rad. Coll. Nr. 34. FOSSILE RADIOLARIEN. TERTIÄR-MERGEL von Barbados (Miocæn. Antillen.)</p>