

ATLAS

VON

VIER UND SECHZIG KUPFERTAFELN

ZU

Christian Gottfried Ehrenberg

über

Infusionsthierchen

Seiner Königlichen Hoheit

FRIEDRICH WILHELM

Kronprinzen von Preussen

zugeeignet.

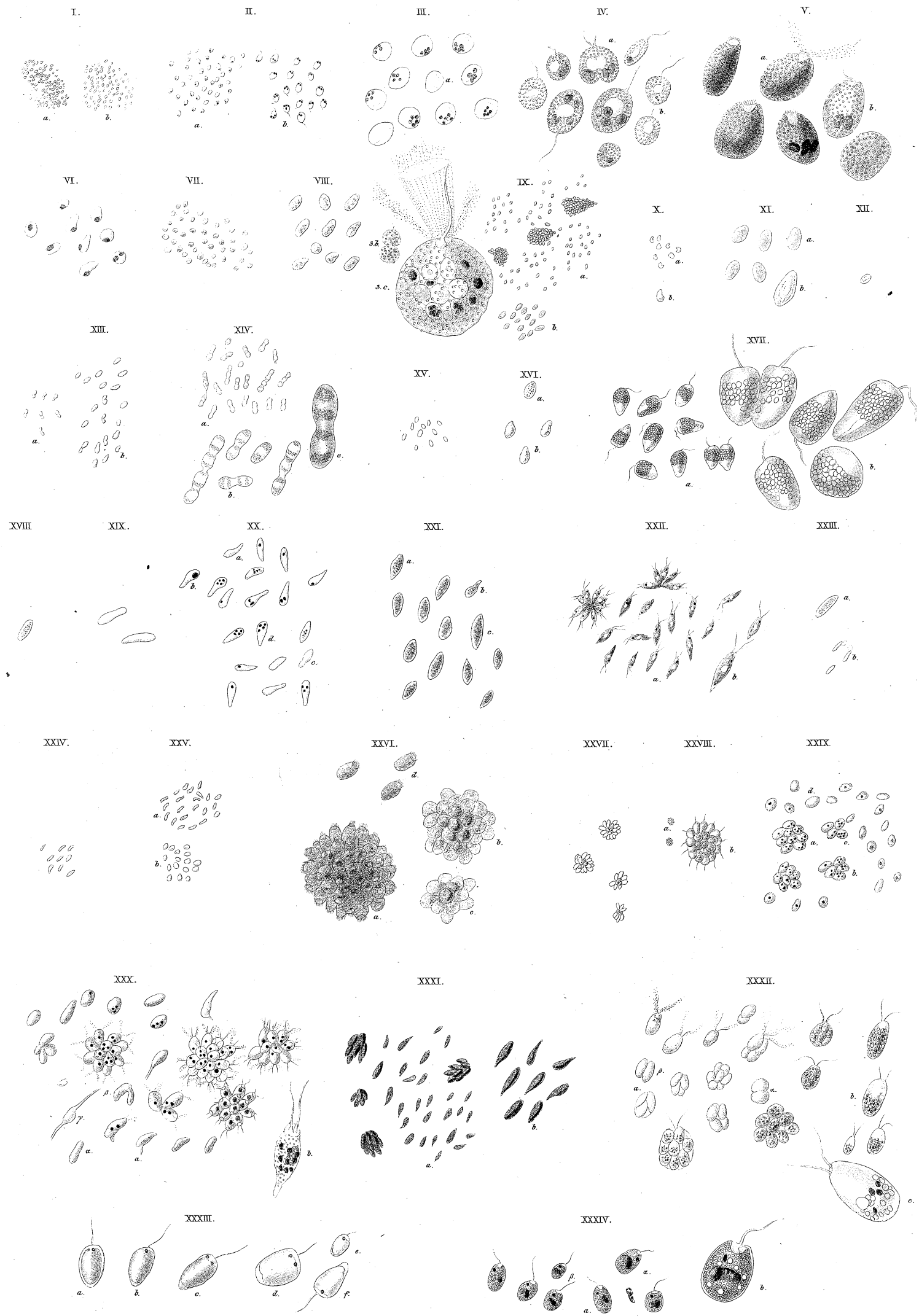
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1838.

Act. Mart. an. 47.



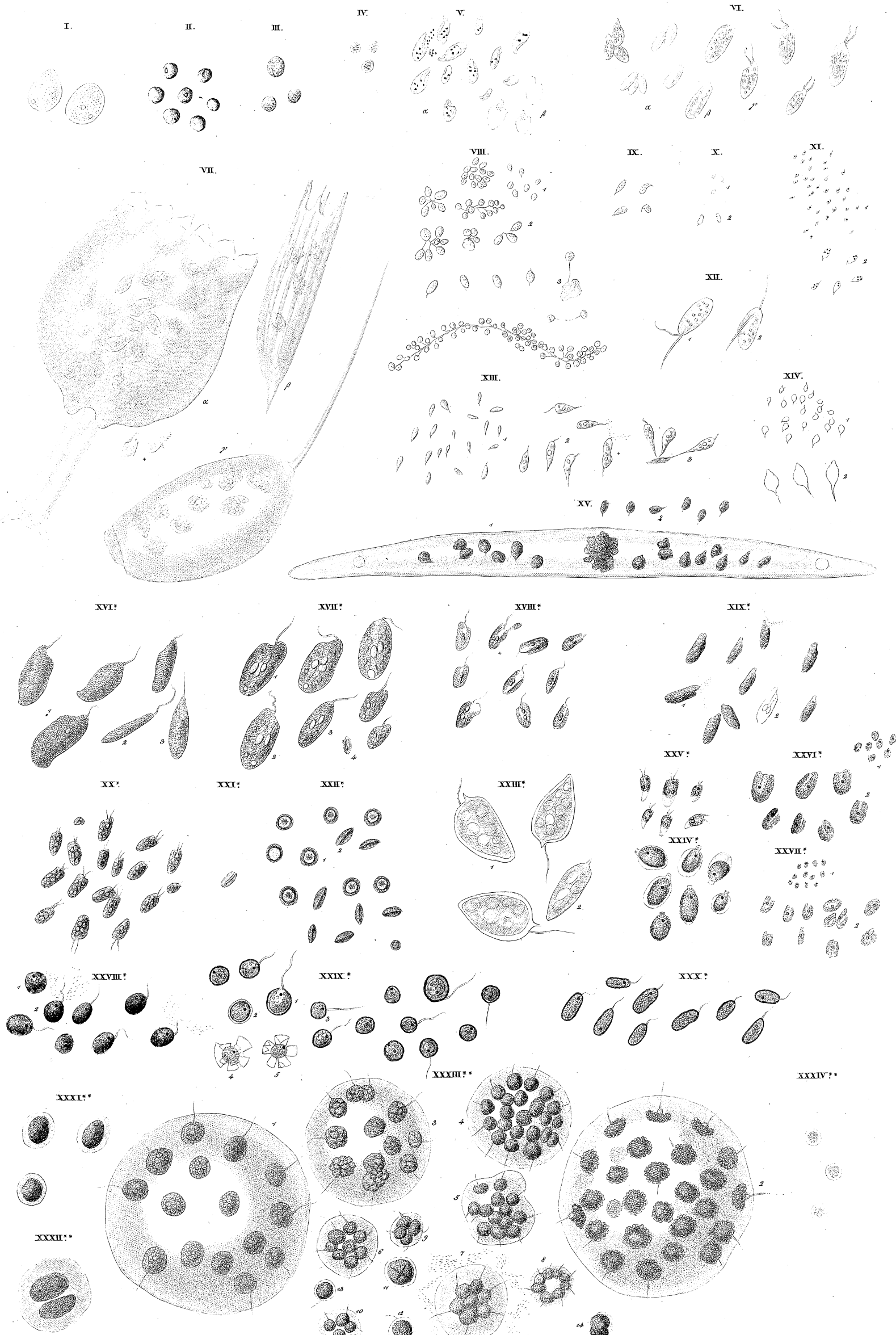
I. XXV. MONAS. XXVI. XXXI. UVELLA. XXXII. POLYTOMA. XXXIII. XXXIV. MICROGLENA.

I. *M. Crepusculum*. $\frac{1}{2000}$. $\frac{1}{1000}$ " II. *M. Termo*. $\frac{1}{2000}$. $\frac{1}{1000}$ " III. *M. Guttula*. $\frac{1}{100}$ " IV. *M. vioppara*. $\frac{1}{300}$. $\frac{1}{150}$ " V. *M. grandis*. $\frac{1}{50}$ " VI. *M. bicolor*. $\frac{1}{120}$ " VII. *M. ochracea*. $\frac{1}{500}$ " VIII. *M. erubescens*. $\frac{1}{444}$ " IX. *M. vinoso*. $\frac{1}{1000}$. $\frac{1}{500}$ " X. *M. Holpoda*. $\frac{1}{600}$ " XI. *M. Enchelys*. $\frac{1}{60}$ " XII. *M. Umbra*. $\frac{1}{500}$ " XIII. *M. Hyalina*. $\frac{1}{100}$. $\frac{1}{504}$ " XIV. *M. gliscens*. $\frac{1}{384}$ " XV. *M. ovalis*. $\frac{1}{600}$ " XVI. *M. Africa*. $\frac{1}{120}$ " XVII. *M. Punctum*. $\frac{1}{50}$ " XVIII. *M. cylindrica*. $\frac{1}{50}$ " XIX. *M. deses*. $\frac{1}{100}$ " XX. *M. socialis*. $\frac{1}{42}$ " XXI. *M. flavicans*. $\frac{1}{444}$ " XXII. *M. tingens*. $\frac{1}{500}$. $\frac{1}{444}$ " XXIII. *M. simplex*. $\frac{1}{444}$ " XXIV. *M. inanis*. $\frac{1}{500}$ " XXV. *M. scintillans*. $\frac{1}{480}$. $\frac{1}{384}$ " XXVI. *U. virescens*. $\frac{1}{600}$. $\frac{1}{24}$ " XXVII. *U. Chamaemorus*. $\frac{1}{240}$ " XXVIII. *U. Uva*. $\frac{1}{400}$ " XXIX. *U. Atomus*. $\frac{1}{870}$. $\frac{1}{200}$ " XXX. *U. Glaucoma*. $\frac{1}{102}$. $\frac{1}{444}$ " XXXI. *U. Bodo*. $\frac{1}{336}$. $\frac{1}{200}$ " XXXII. *P. Uvella*. $\frac{1}{102}$. $\frac{1}{80}$ " XXXIII. *M. punctifera*. $\frac{1}{50}$. $\frac{1}{52}$ " XXXIV. *M. monadina*. $\frac{1}{200}$. $\frac{1}{50}$ "

gez. v. Ehrenberg.

Prêtre expropr. Berolini.

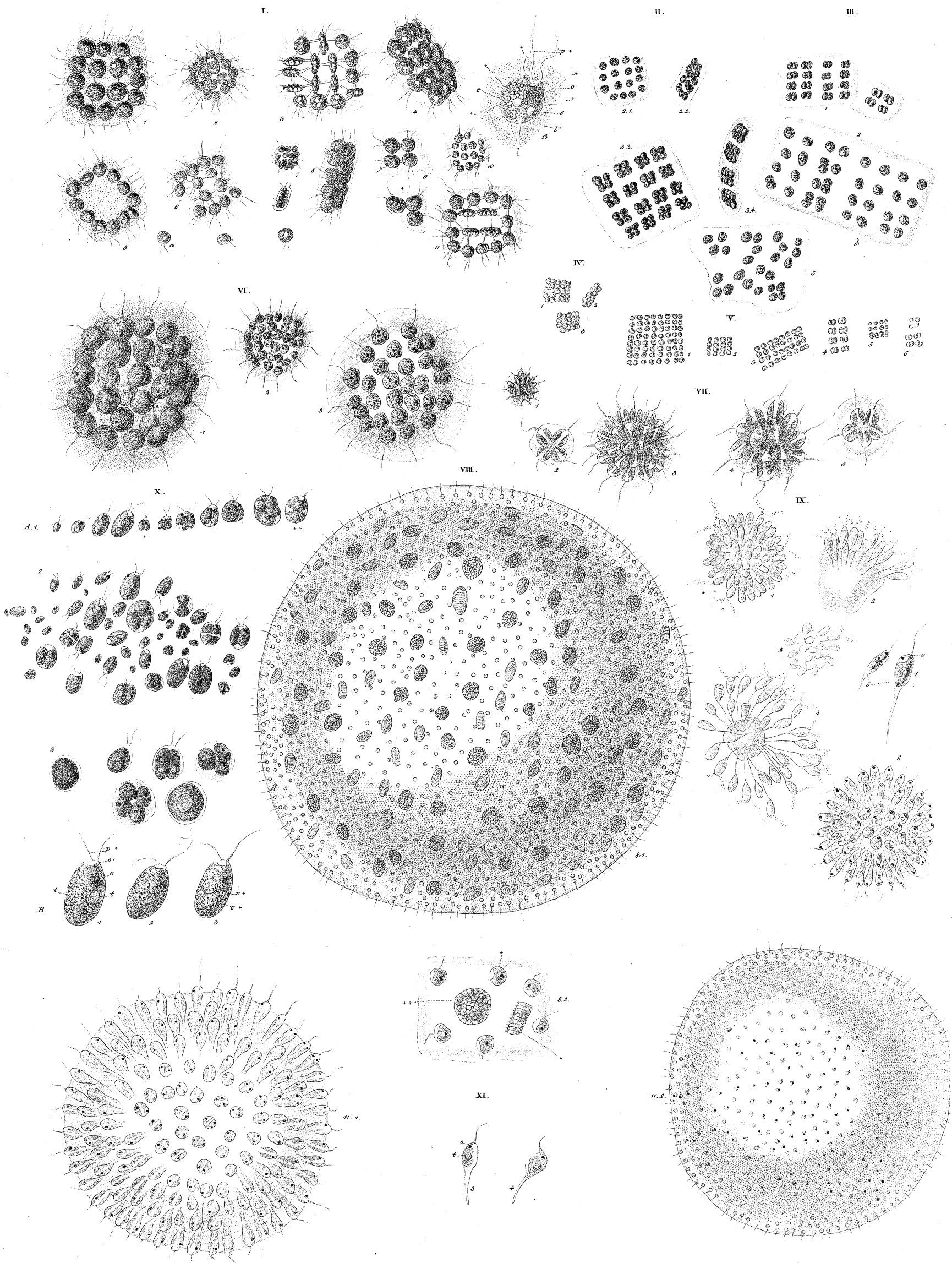
gestio. Kthl.



I, IV, DOXOCOCCUS. V, VII, CHILOMONAS. VIII, XV, BODO. XVI, XXI, CRYPTOMONAS. XXIII, PROROCENTRUM. XXIV, LAGENELLA. XXV, XXVII, CRYPTOGLENA.

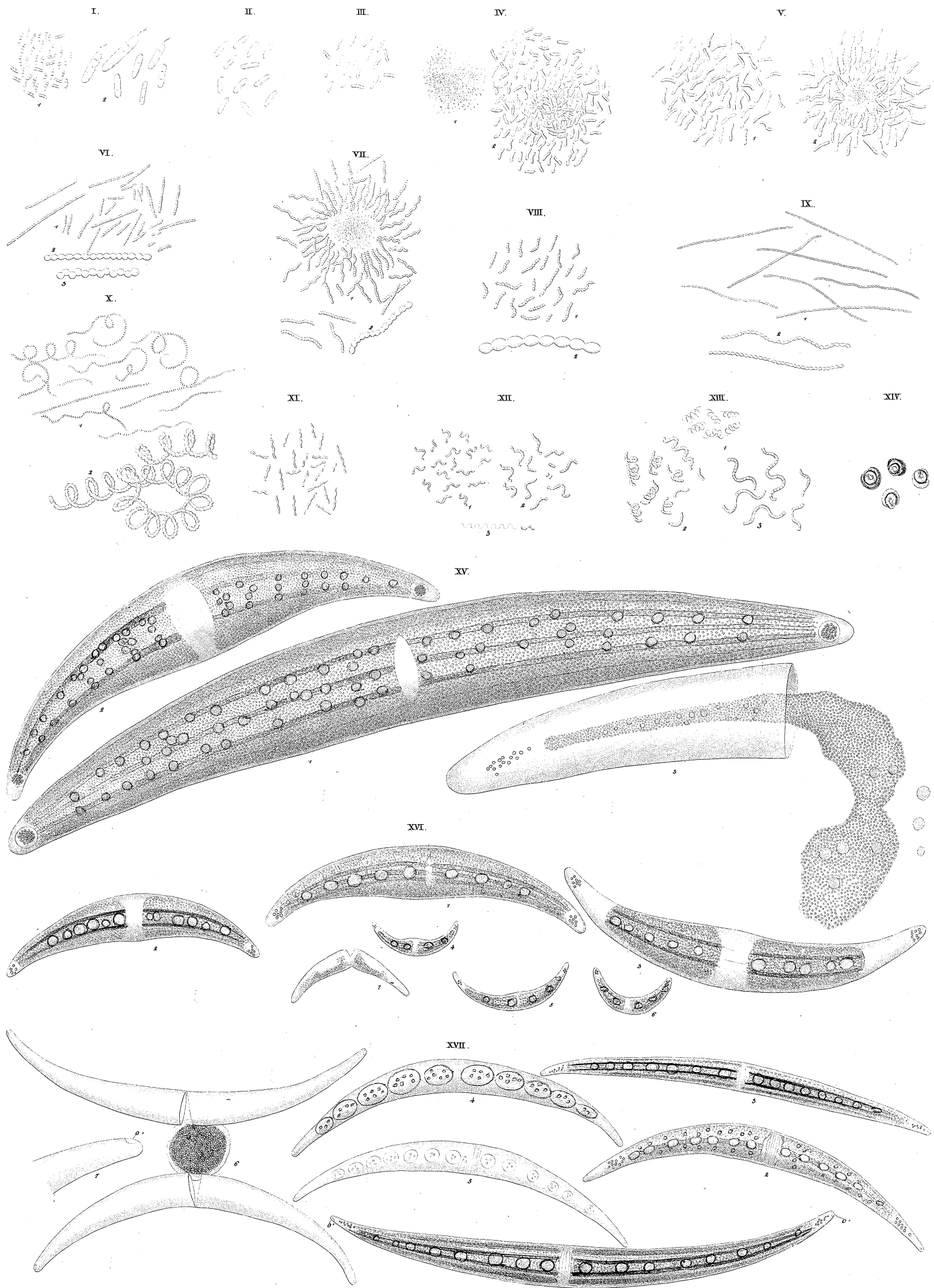
XXVIII, XXX, TRACHELOMONAS. XXXI, XXXII, GYGES. XXXIII, XXXIV, PANDORINA.

I. *D. Globulus* $\frac{1}{2}$. II. *D. ruber* $\frac{1}{444}$. III. *D. Pulvisculus* $\frac{1}{400}$. IV. *D. inaequalis* $\frac{1}{200}$. V. *C. Volvox* $\frac{1}{120}$. VI. *C. Paramecium* $\frac{1}{80}$. VII. *C. destruens* $\frac{1}{72}$. VIII. *B. socialis* $\frac{1}{448}$. IX. *B. vorticellaris* $\frac{1}{50}$. X. *B. didymus* $\frac{1}{600}$. XI. *B. saltans* $\frac{1}{1000}$. XII. *B. grandis* $\frac{1}{72}$. XIII. *B. intestinalis* $\frac{1}{444}$. XIV. *B. Ranarum* $\frac{1}{120}$. XV. *B. viridis* $\frac{1}{100}$. XVI. *C. curvata* $\frac{1}{40}$. XVII. *C. ovata* $\frac{1}{48}$. XVIII. *C. erosa* $\frac{1}{120}$. XIX. *C. cylindrica* $\frac{1}{72}$. XX. *C. glauca* $\frac{1}{72}$. XXI. *C. fusca* $\frac{1}{125}$. XXII. *C. lenticularis* $\frac{1}{444}$. XXIII. *P. micans* $\frac{1}{36}$. XXIV. *L. euchlora* $\frac{1}{96}$. XXV. *C. conica* $\frac{1}{96}$. XXVI. *C. pigra* $\frac{1}{240}$. XXVII. *C. caerulescens* $\frac{1}{300}$. XXVIII. *T. nigriceps* $\frac{1}{444}$. XXIX. *T. volvocina* $\frac{1}{72}$. XXX. *T. cylindrica* $\frac{1}{444}$. XXXI. *G. Granatum* $\frac{1}{96}$. XXXII. *G. bipartitus* $\frac{1}{40}$. XXXIII. *P. Morum* $\frac{1}{40}$. XXXIV. *P. hyalina* $\frac{1}{60}$.
 gez. v. Ehrenberg. gez. v. C.B. Weber.



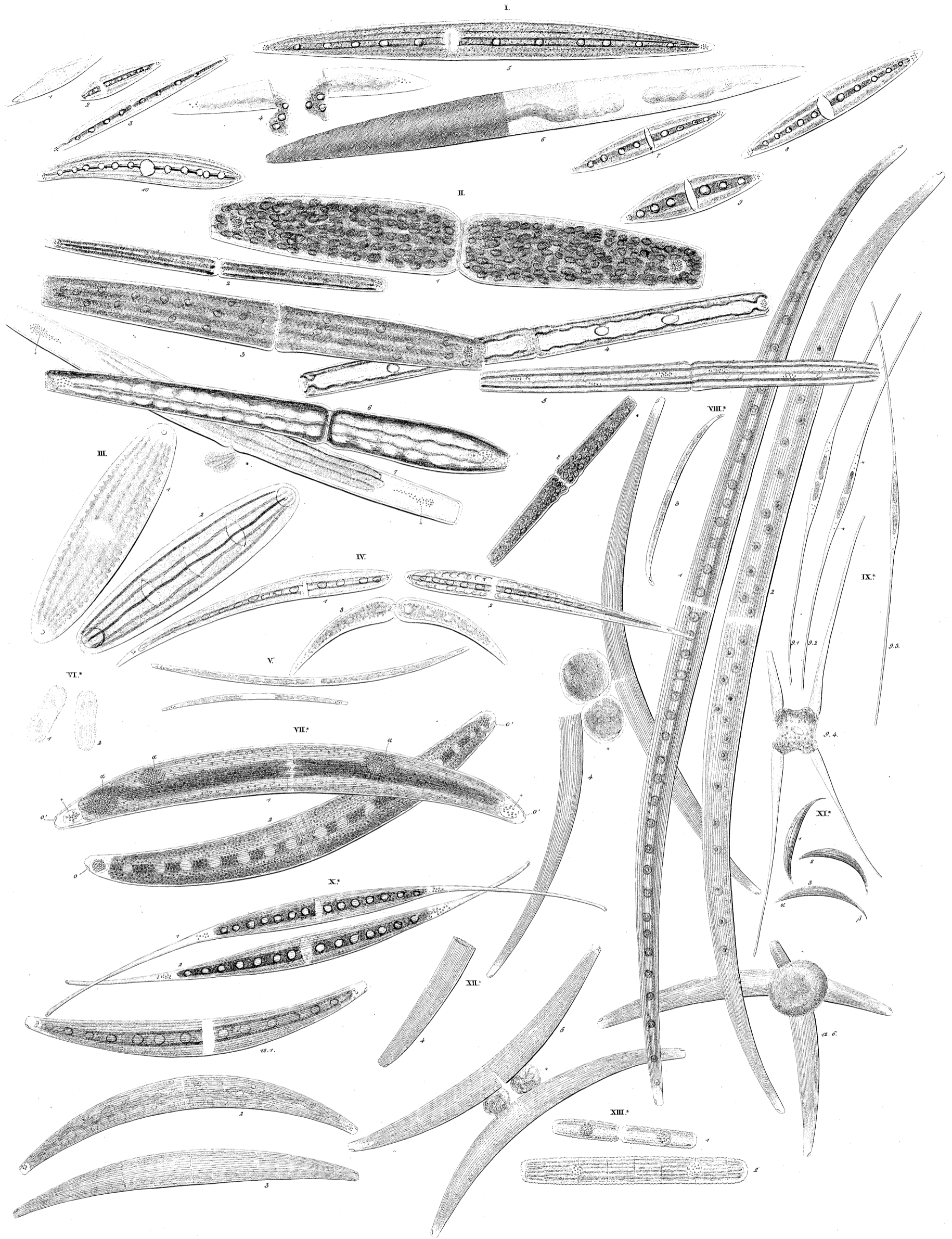
I. V. GONIUM. VI. EUDORINA. VII. SYNCRYPTA. VIII. SPHAEROSIRA. IX. SYNURA. X. CHLAMIDOMONAS. XI. UROGLEA.

I. G. pectorale 1/304-1/24. II. G. punctatum 1/360-1/48. III. G. tranquillum 1/340-1/48. IV. G. galinum 1/60. V. G. glaucum 1/316-1/48. VI. E. elegans 1/48. VII. SY. Volvox 1/48. VIII. SP. Volvox 1/4. IX. S. Urella 1/6. X. CH. Pulvisculus 1/48. XI. U. Volvox 1/8.



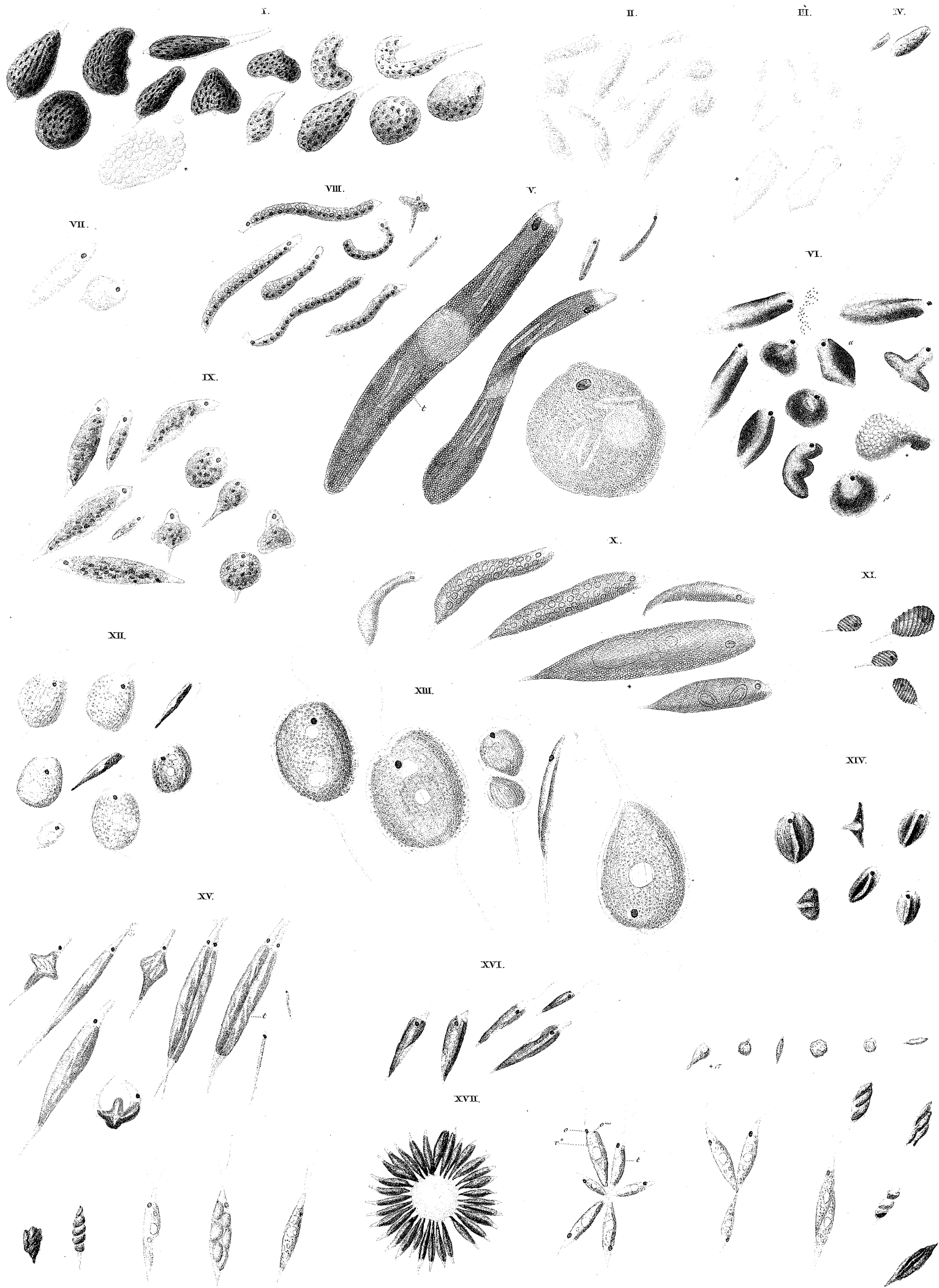
I. III. BACTERIUM. IV. IX. VIBRIO. X. SPIROCHAETA. XI. XIII. SPIRILLUM. XIV. SPIRODISCUS. XV. XVII. CLOSTERIUM.

I. *B. trilobulare* - $\frac{1}{92}$ " II. *B. Enchelys* - $\frac{1}{240}$ " III. *B. Punctum* - $\frac{1}{333}$ " IV. *V. Lineola* - $\frac{1}{1000}$ " V. *V. tremulans* - $\frac{1}{288}$ " VI. *V. subtilis* - $\frac{1}{60}$ " VII. *V. Eugula* - $\frac{1}{96}$ "
 VIII. *V. prolifer* - $\frac{1}{96}$ " IX. *V. Bacillus* - $\frac{1}{24}$ " X. *S. Serpens* - $\frac{1}{18}$ " XI. *S. tenue* - $\frac{1}{72}$ " XII. *S. Undula* - $\frac{1}{96}$ " XIII. *S. volutans* - $\frac{1}{48}$ " XIV. *S. fulvus* - $\frac{1}{100}$ "
 XV. *C. Luvula* - $\frac{1}{4}$ " XVI. *C. moniliferum* - $\frac{1}{10}$ " XVII. *C. Dianae* - $\frac{1}{10}$ "



CLOSTERIUM.

I. *C. acaesum*. $\frac{1}{4}$. II. *C. Trabecula*. $\frac{1}{4}$. III. *C. Digitus*. $\frac{1}{10}$. IV. *C. attenuatum*. $\frac{1}{4}$. V. *C. Cornu*. $\frac{1}{8}$. VI. *C. Cylindrus*. $\frac{1}{36}$. VII. *C. turgidum*. $\frac{1}{8}$.
 VIII. *C. lineatum*. $\frac{1}{5}$. IX. *C. setaceum*. $\frac{1}{8}$. X. *C. rostratum*. $\frac{1}{4}$. XI. *C. inaequale*. $\frac{1}{36}$. XII. *C. striolatum*. $\frac{1}{10}$. XIII. *C. margaritaceum*. $\frac{1}{8}$.



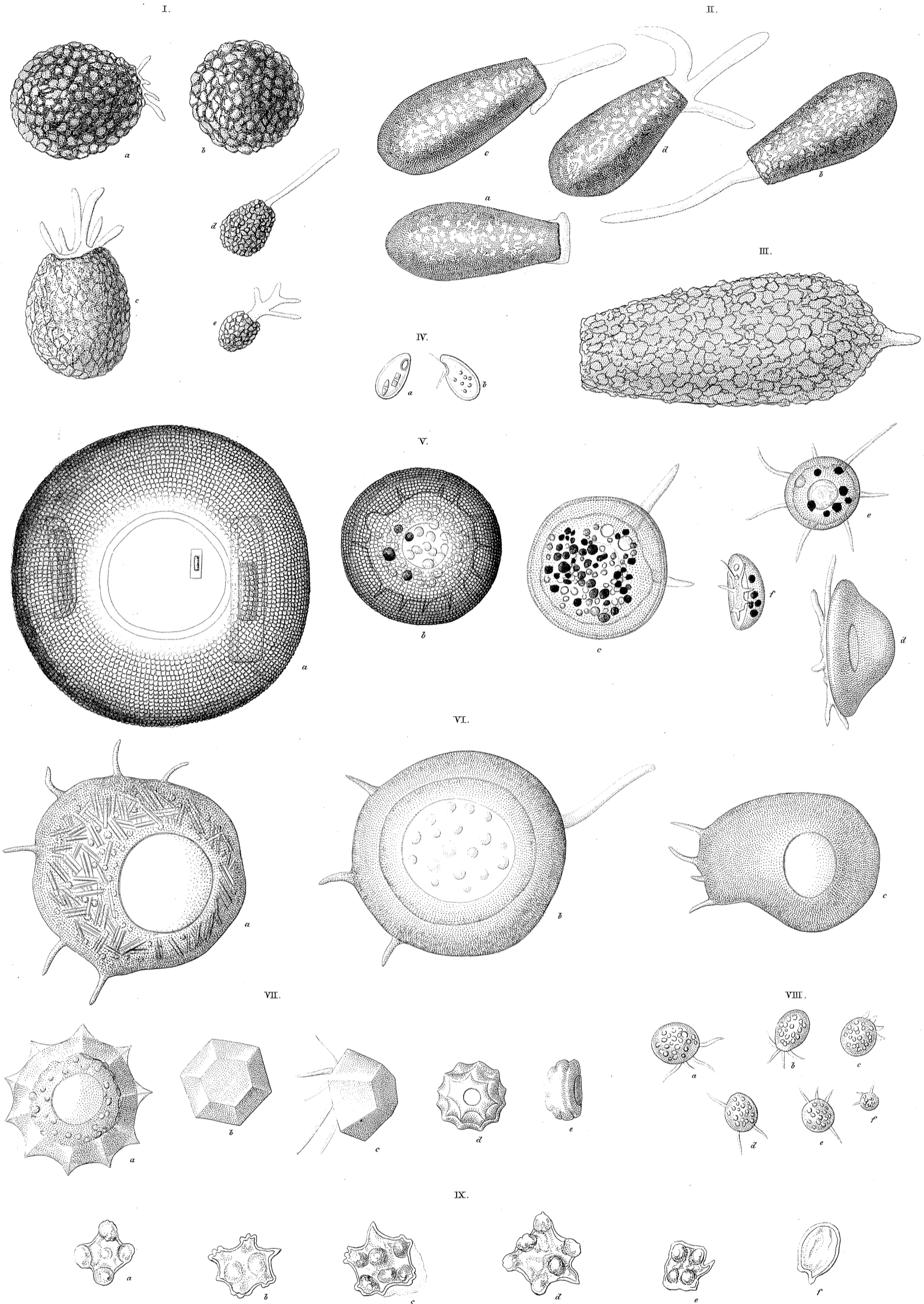
I. IV. ASTASIA. V. AMBLYOPHIS. VI. XVI. EUGLENA. XVII. CHLOROGONIUM.

I. *A. haematodes*. $\frac{1}{85}$ " II. *A. flavicans*. $\frac{1}{56}$ " III. *A. pusilla*. $\frac{1}{72}$ " IV. *A. viridis*. $\frac{1}{73}$ " V. *A. viridis*. $\frac{1}{60}$ " VI. *E. sanguinea*. $\frac{1}{30}$ " VII. *E. hyalina*. $\frac{1}{24}$ " VIII. *E. deses*. $\frac{1}{40}$ " IX. *F. viridis*. $\frac{1}{42}$ " X. *E. Spirogyra*. $\frac{1}{60}$ " XI. *E. Pyrum*. $\frac{1}{72}$ " XII. *E. Pleuronectes*. $\frac{1}{40}$ " XIII. *E. longicauda*. $\frac{1}{15}$ " XIV. *E. triquetra*. $\frac{1}{48}$ " XV. *E. Acus*. $\frac{1}{18}$ " XVI. *E. rostrata*. $\frac{1}{40}$ " XVII. *CH. euchlorum*. $\frac{1}{24}$ "



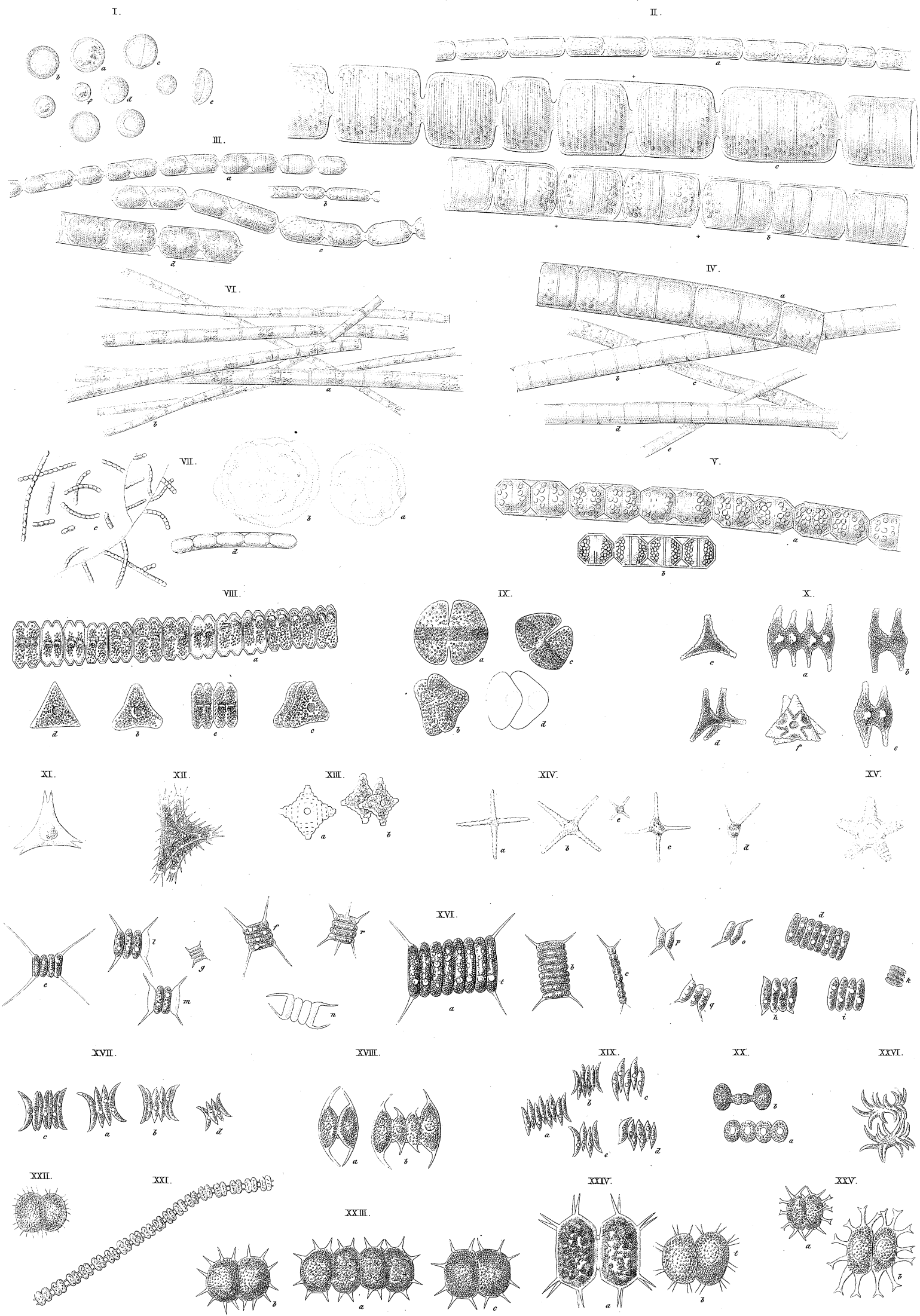
I-II. COLACIUM. III-VI. DISTIGMA. VII. EPIPYXIS. VIII-IX. DINOBYRYON. X-XIII. AMOEBEA.

I. *C. varicosum*. $\frac{1}{72}$. II. *C. stentorinum*. $\frac{1}{96}$. III. *D. ? tenax*. $\frac{1}{20}$. IV. *D. Proteus*. $\frac{1}{36}$. V. *D. viride*. $\frac{1}{48}$. VI. *D. Planaria*. $\frac{1}{20}$. VII. *E. Vtricus*. $\frac{1}{84}$. VIII. *D. Sertularia*. $\frac{1}{48}$. IX. *D. sociale*. $\frac{1}{72}$. X. *A. prinoque*. $\frac{1}{6}$. XI. *A. verrucosa*. $\frac{1}{20}$. XII. *A. diffluens*. $\frac{1}{24}$. XIII. *A. radiosa*. $\frac{1}{20}$.



I, IV, DIFFLUGIA. V, VIII, ARCELLA. IX, CYPHIDIUM.

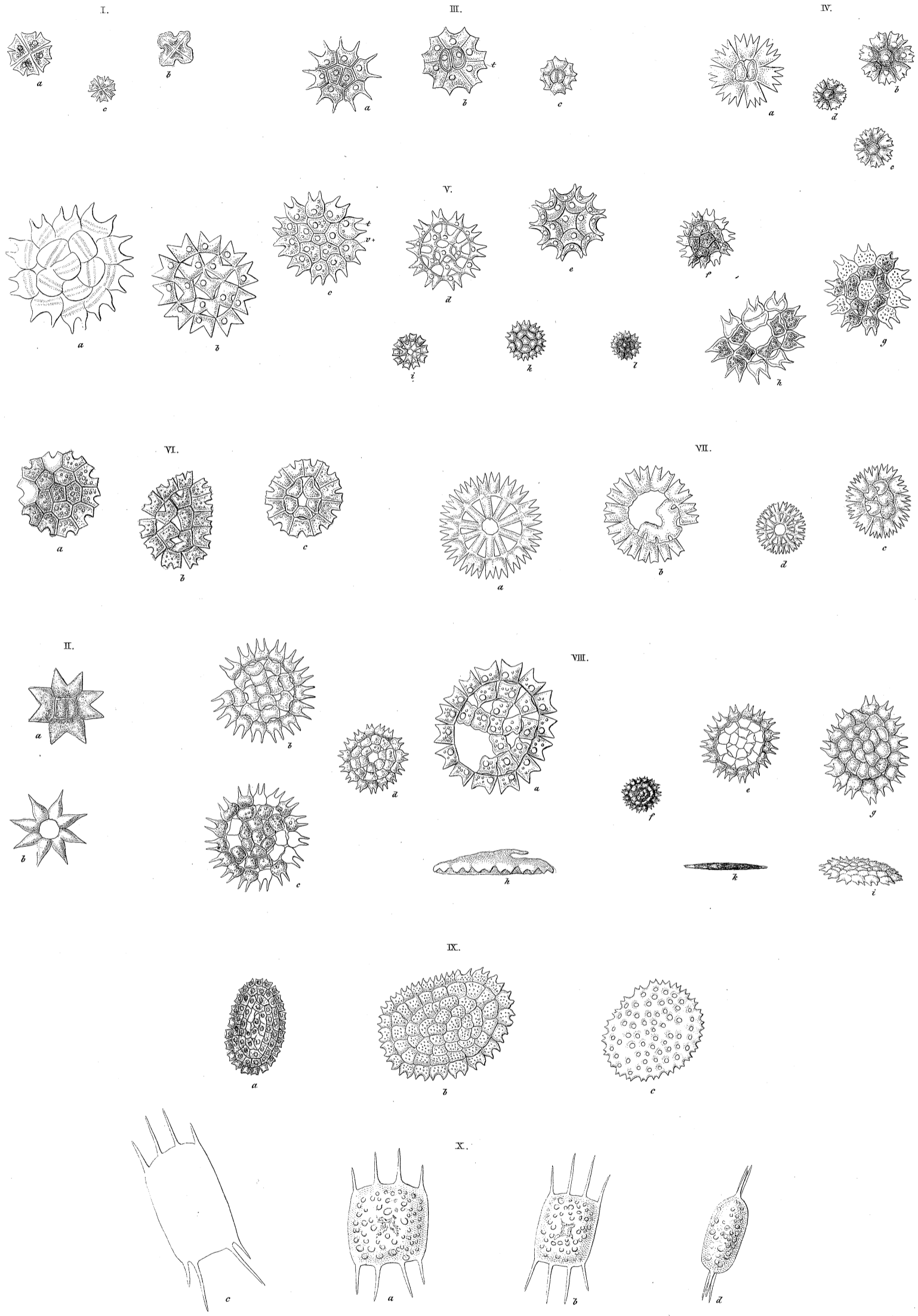
I. *D. proteiformis* - $\frac{1}{20}$ ". II. *D. oblonga* - $\frac{1}{60}$ ". III. *D. acuminata* - $\frac{1}{6}$ ". IV. *D. Enchelys* - $\frac{1}{46}$ ". V. *A. vulgaris* - $\frac{1}{10}$ ".
 VI. *A. aculeata* - $\frac{1}{6}$ ". VII. *A. dentata* - $\frac{1}{20}$ ". VIII. *A. hyalina* - $\frac{1}{48}$ ". IX. *C. aureolum* - $\frac{1}{36}$ ".



I. PYXIDICULA. II. VII. GAILLONELLA. VIII. XII. DESMIDIUM. XIII. XIV. STAURASTRUM.

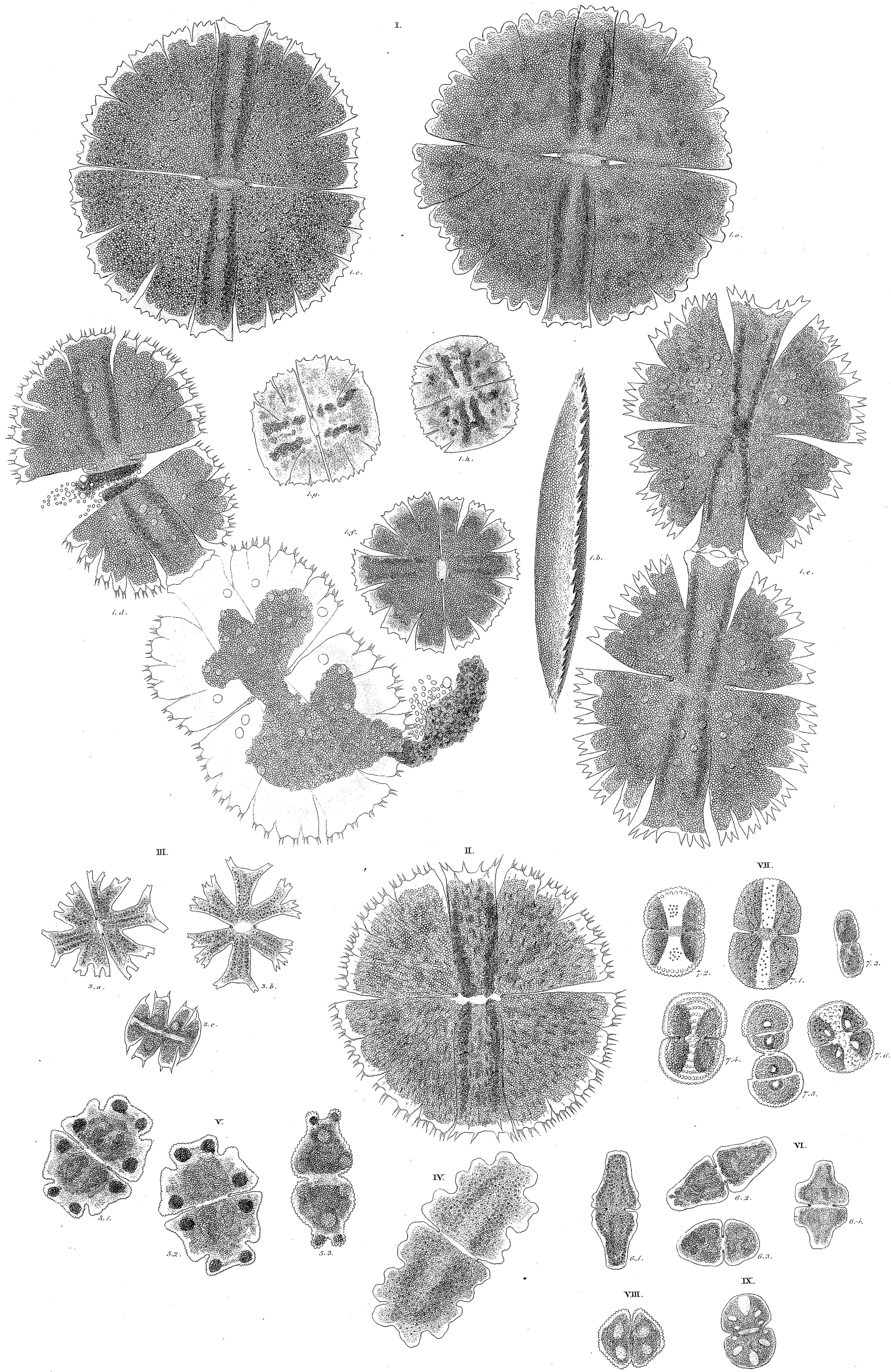
XV. PENTASTERIAS. XVI. XIX. ARTHRODESMUS. XX. TESSARARTHRA. XXII. XXVI. XANTHIDIUM.

I. *P. operculata*. $\frac{1}{48}$ " II. *G. lineata*. $\frac{1}{32}$ " III. *G. nummuloides*. $\frac{1}{72}$ " IV. *G. varians*. $\frac{1}{60}$ " V. *G. moniliformis*. $\frac{1}{72}$ " VI. *G. aurichalcea*. $\frac{1}{44}$ " VII. *G. ferruginea*. $\frac{1}{1000}$ " VIII. *D. Svarzii*. $\frac{1}{48}$ "
 IX. *D. orbiculare*. $\frac{1}{48}$ " X. *D. hexaceros*. $\frac{1}{48}$ " XI. *D. bidens*. $\frac{1}{48}$ " XII. *D. aculeatum*. $\frac{1}{48}$ " XIII. *ST. dilatatum*. $\frac{1}{48}$ " XIV. *ST. paradoxum*. $\frac{1}{48}$ " XV. *P. margaritacea*. $\frac{1}{48}$ "
 XVI. *A. quadricaudatus*. $\frac{1}{48}$ " XVII. *A. pectinatus*. $\frac{1}{42}$ " XVIII. *A. convergens*. $\frac{1}{48}$ " XIX. *A. acutus*. $\frac{1}{48}$ " XX. *T. moniliformis*. $\frac{1}{44}$ " XXI. *T. filiformis*. $\frac{1}{60}$ " XXII. *X. hirsutum*. $\frac{1}{50}$ "
 XXIII. *X. aculeatum*. $\frac{1}{44}$ " XXIV. *X. fasciculatum*. $\frac{1}{44}$ " XXV. *X. furcatum*. $\frac{1}{44}$ " XXVI. *X. difforme*. $\frac{1}{50}$ "



I. IX MICRASTERIAS. X MICROTHECA.

I. *M. Tetras* - $\frac{1}{36}$ " . II. *M. Napoleonis* - $\frac{1}{48}$ " . III. *M. hexactis* - $\frac{1}{48}$ " . IV. *M. heptactis* - $\frac{1}{48}$ " . V. *M. Boryana* - $\frac{1}{48}$ " .
 VI. *M. angulosa* - $\frac{1}{24}$ " . VII. *M. Rotula* - $\frac{1}{20}$ " . VIII. *M. tricyclia* - $\frac{1}{48}$ " . IX. *M. elliptica* - $\frac{1}{48}$ " . X. *M. octoceras* - $\frac{1}{2}$ " .

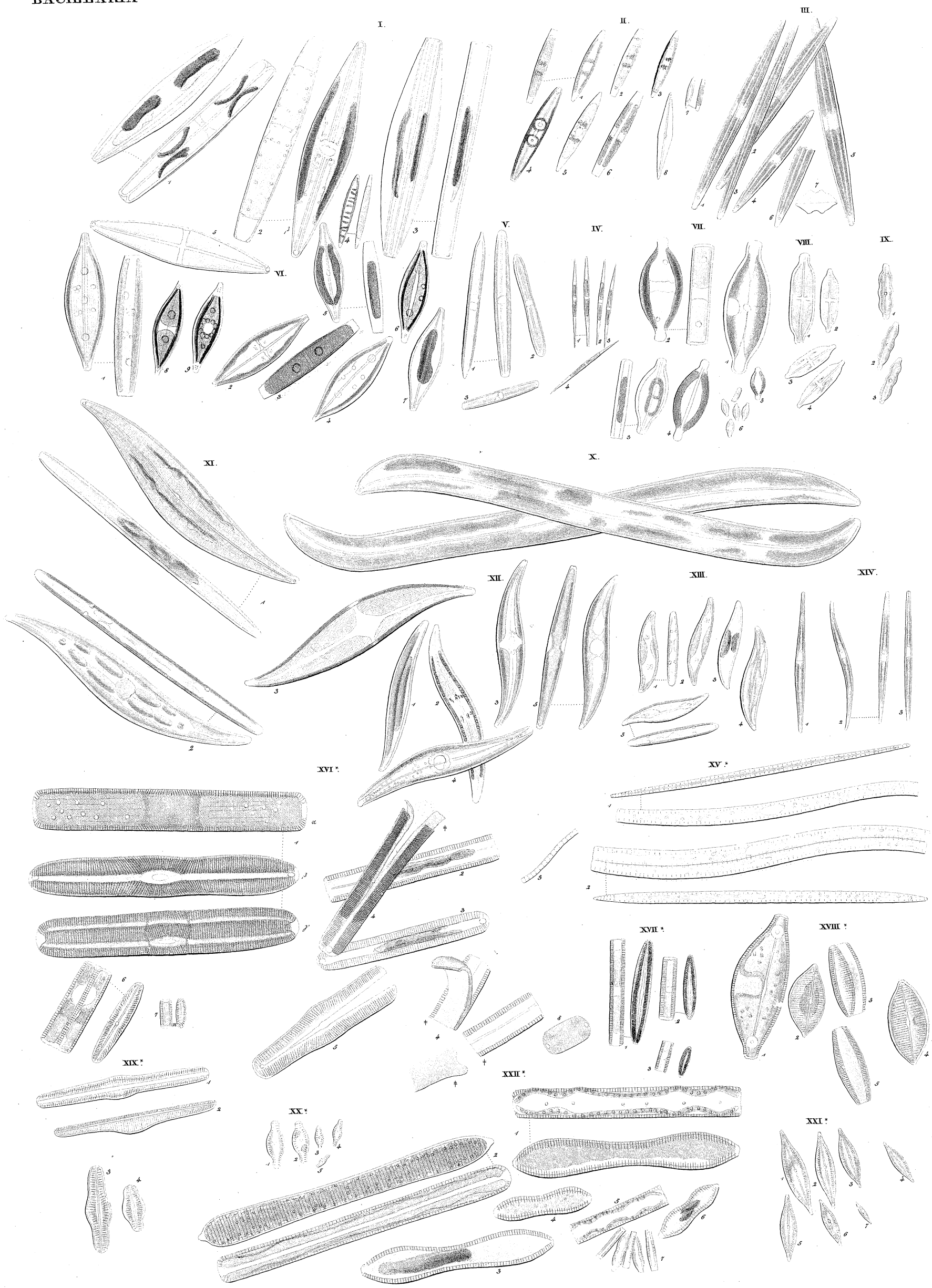


EUASTRUM.

I. *E. Rota*. $\frac{1}{60}$ " II. *E. aculeatum*. $\frac{1}{60}$ " III. *E. Crux melitensis*. $\frac{1}{60}$ " IV. *E. Pecten*. $\frac{1}{60}$ " V. *E. verrucosum*. $\frac{1}{24}$ "
 VI. *E. ansatum*. $\frac{1}{60}$ " VII. *E. margaritifera*. $\frac{1}{24}$ " VIII. *E. angulosum*. $\frac{1}{60}$ " IX. *E. integerrimum*. $\frac{1}{40}$ "

1882. v. Ehrenberg.

1882. v. C.E. Weber.

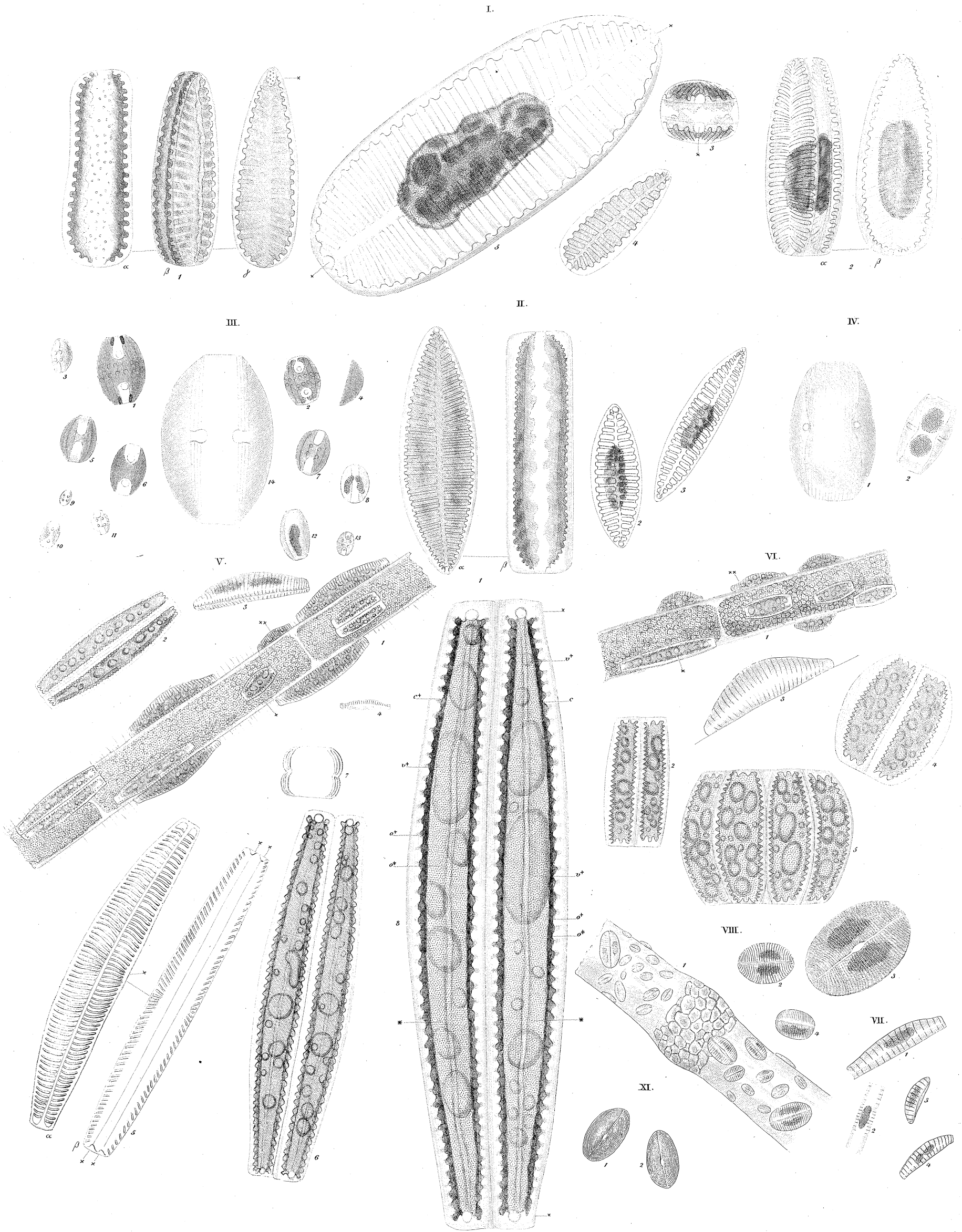


NAVICULA.

I. *N. Phoenicenteron* $\frac{1}{2}$ " II. *N. gracilis* $\frac{1}{50}$ " III. *N. pellucida* $\frac{1}{12}$ " IV. *N. Acus* $\frac{1}{48}$ " V. *N. umbonata* $\frac{1}{20}$ " VI. *N. fulva* $\frac{1}{12}$ " VII. *N. amphibaena* $\frac{1}{20}$ "
 VIII. *N. platysoma* $\frac{1}{20}$ " IX. *N. nodosa* $\frac{1}{50}$ " X. *N. baltica* $\frac{1}{6}$ " XI. *N. Hippocampus* $\frac{1}{6}$ " XII. *N. Sigma* $\frac{1}{12}$ " XIII. *N. Scalprum* $\frac{1}{24}$ " XIV. *N. curvula* $\frac{1}{50}$ " XV. *N. sigmoi-*
dea $\frac{1}{6}$ " XVI. *N. viridis* $\frac{1}{6}$ " XVII. *N. viridula* $\frac{1}{50}$ " XVIII. *N. inaequalis* $\frac{1}{12}$ " XIX. *N. gibba* $\frac{1}{6}$ " XX. *N. capitata* $\frac{1}{48}$ " XXI. *N. lanceolata* $\frac{1}{24}$ " XXII. *N. Librile* $\frac{1}{6}$ "

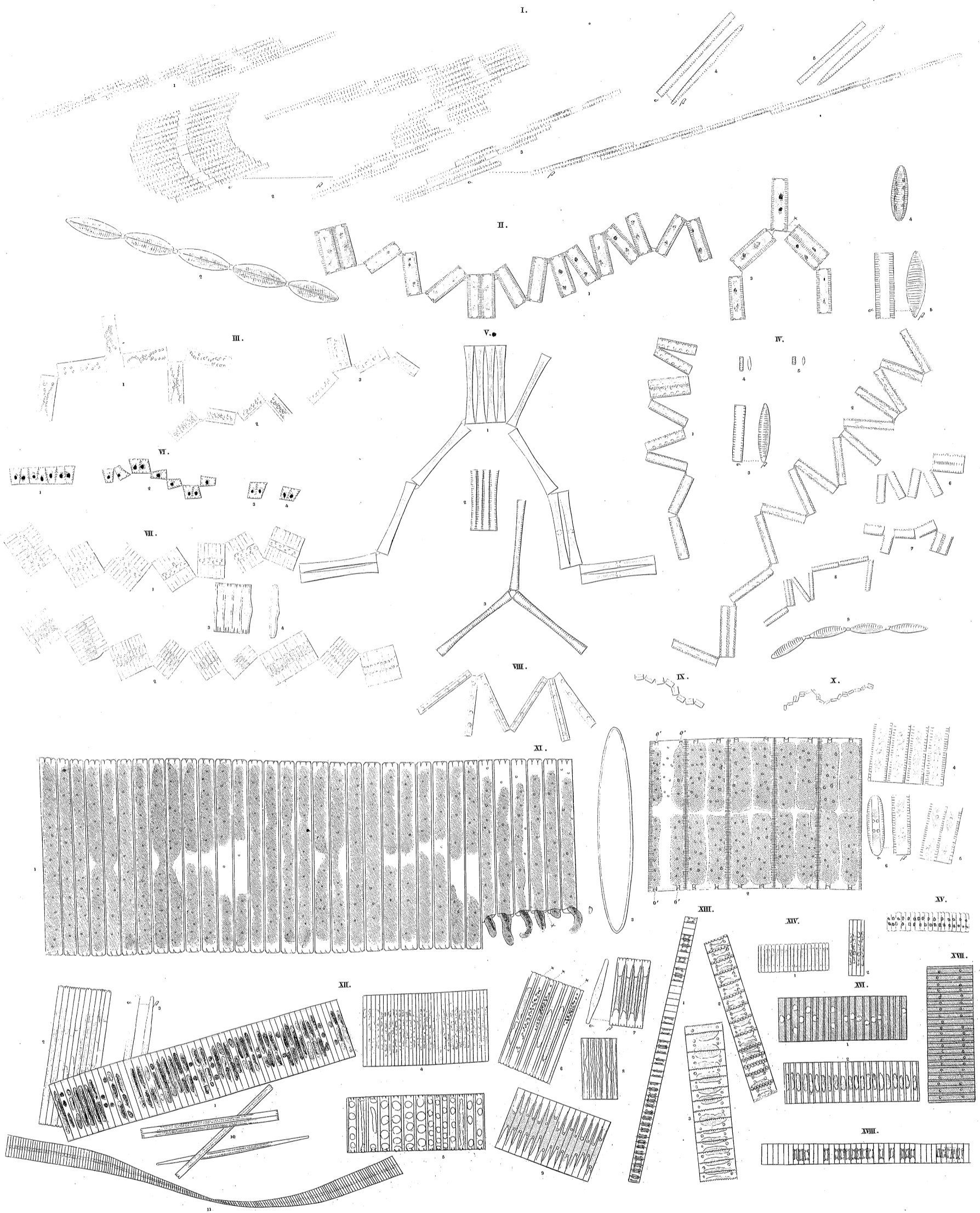
gez. v. Ehrenberg.

gest. v. Hantz



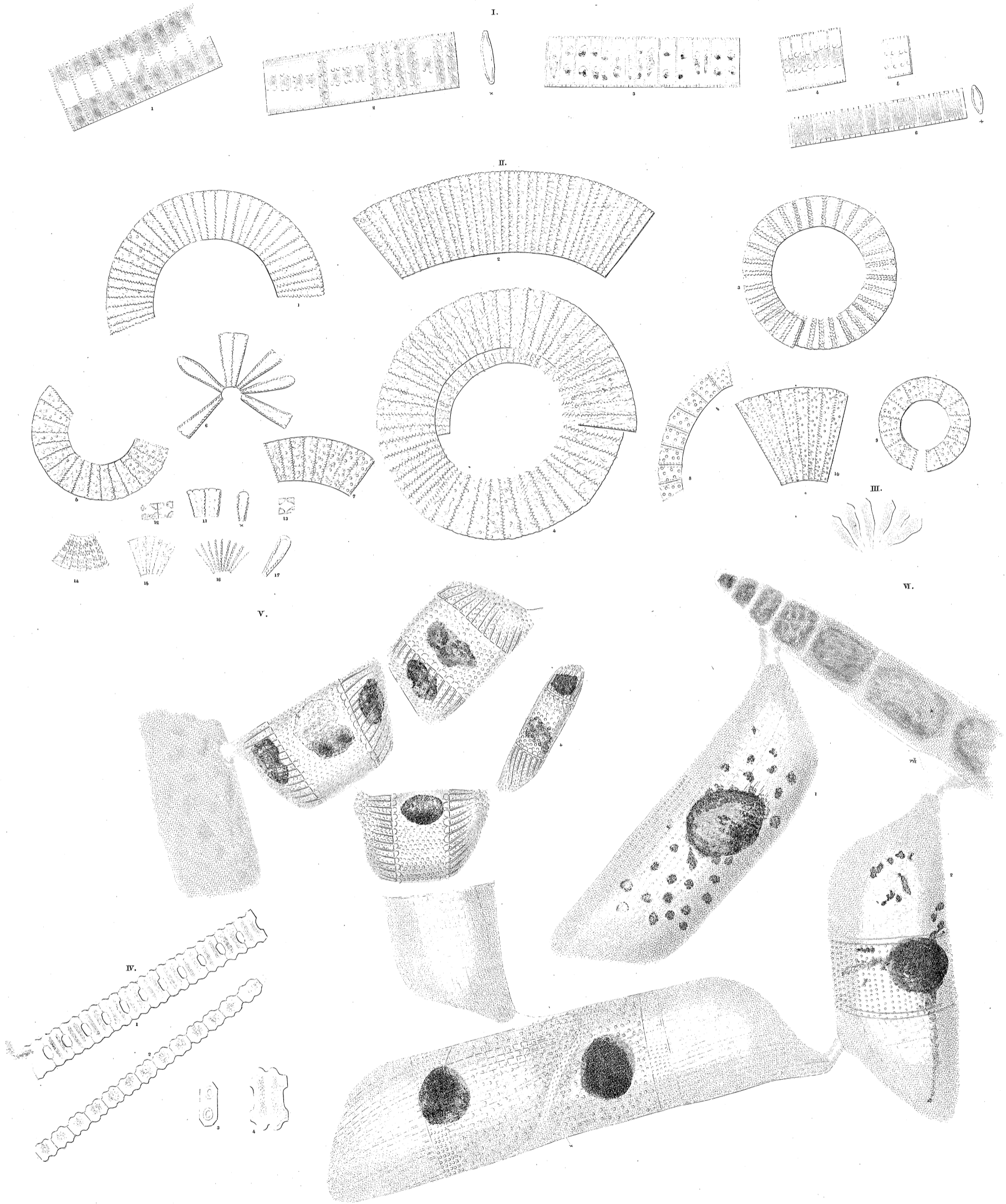
I. VII. NAVICULA. VIII. IX. COCCONEIS.

I. *N. splendida* - $\frac{1}{60}$ " II. *N. bifrons* - $\frac{1}{60}$ " III. *N. Amphora* - $\frac{1}{36}$ " IV. *N. lineolata* - $\frac{1}{60}$ " V. *N. turgida* - $\frac{1}{20}$ "
 VI. *N. Westermanni* - $\frac{1}{60}$ " VII. *N. Zebra* - $\frac{1}{90}$ " VIII. *C. Scutellum* - $\frac{1}{34}$ " *C. undulata* - $\frac{1}{36}$ "



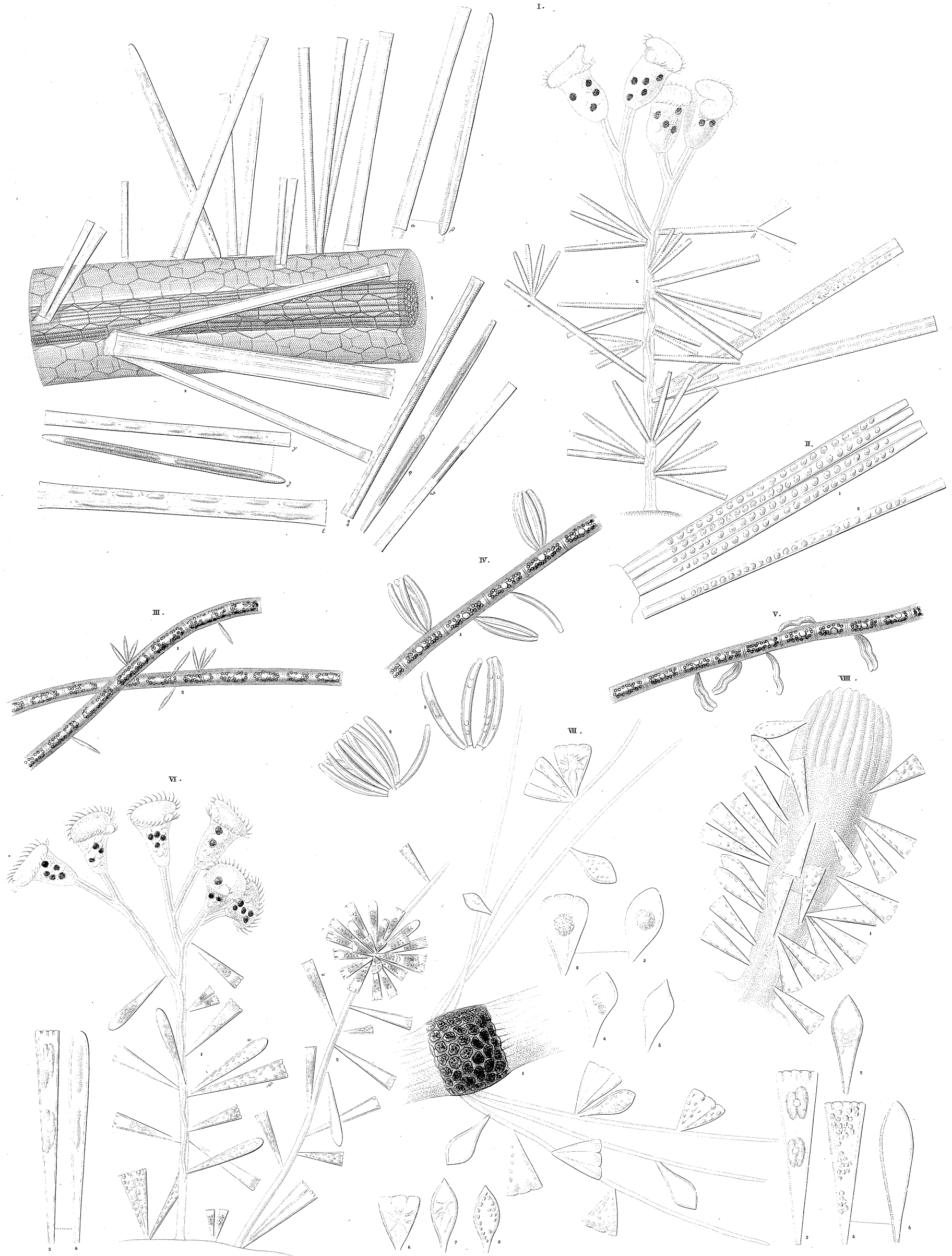
I. X. BACILLARIA. XI. XVII. FRAGILARIA.

I. *B. paradoxa* $\frac{1}{20}$ II. *B. vulgaris* $\frac{1}{36}$ III. *B. Cleopatrae* $\frac{1}{40}$ IV. *B. pectinalis* $\frac{1}{36}$ V. *B. elongata* $\frac{1}{20}$ VI. *B. cuneata* $\frac{1}{36}$ VII. *B. tabellaris* $\frac{1}{50}$ VIII. *B. seriata* $\frac{1}{50}$ IX. *B. flocculosa* $\frac{1}{120}$ X. *B. Ptolemaei* $\frac{1}{300}$ XI. *F. grandis* $\frac{1}{12}$ XII. *F. rhabdosoma* $\frac{1}{8}$ XIII. *F. turgidula* $\frac{1}{8}$ XIV. *F. multipunctata* $\frac{1}{24}$ XV. *F. bipunctata* $\frac{1}{100}$ XVI. *F. angusta* $\frac{1}{8}$ XVII. *F. scalaris* $\frac{1}{8}$ XVIII. *F. diopthalma* $\frac{1}{36}$



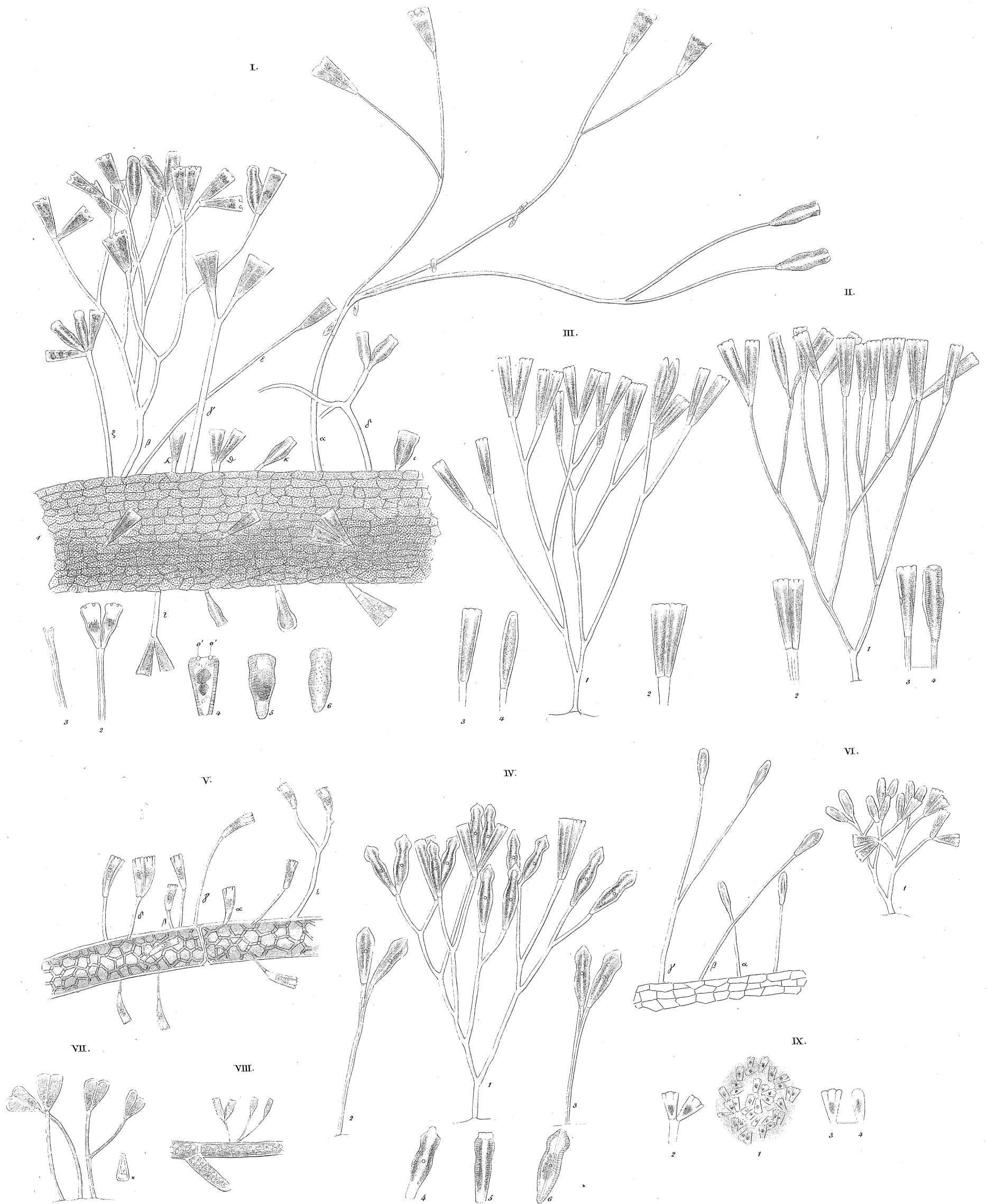
I. FRAGILARIA II. III. MERIDION IV. ODONTELLA V. VI. ISTHMLIA.

I. *F. pectinatis* 1/36: II. *M. vernale* 1/20: III. *M. panduriforme* 1/36: IV. *O. Desmitium* 1/48:
V. *I. obliqua* 1/8: VI. *I. Leervis* 1/5:



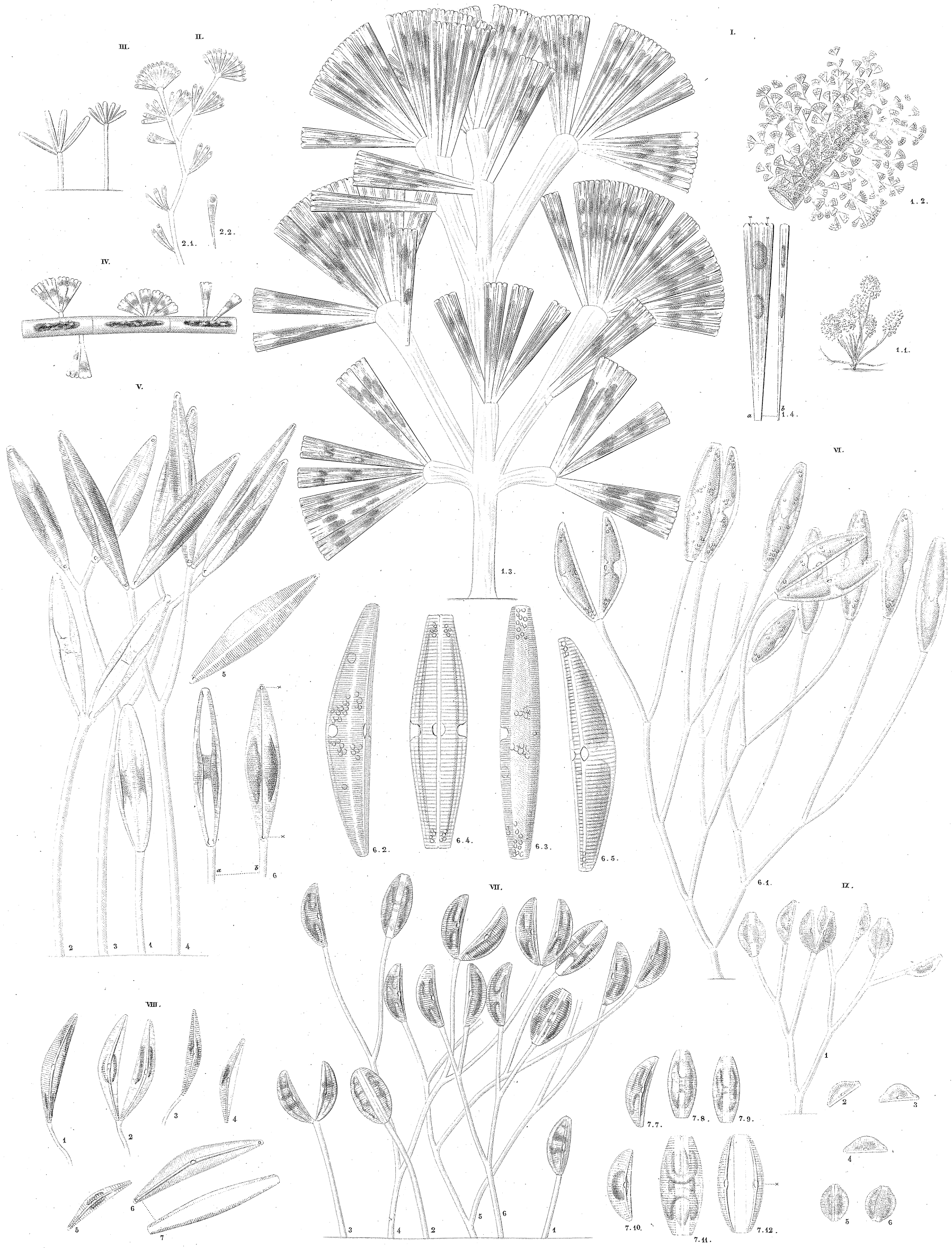
I-V. SYNEDRA. VI-VIII. PODOSPHENIA.

I. *S. Ulna* 1/8 " II. *S. Gallonii* 1/10 " III. *S. fasciculata* 1/12 " IV. *S. linearis* 1/36 " V. *S. bilunaris* 1/48 " VI. *P. gracilis* 1/12 " VII. *P. abbreviata* 1/20 " VIII. *P. cuneata* 1/12 "



GOMPHONEMA.

- I. *G. truncatum* . 200 " II. *G. capitatum* . 200 " III. *G. gracile* . 40 " IV. *G. acuminatum* . 50 " V. *G. minutissimum* . 500 " VI. *G. clavatum* . 200 " VII. *G. rotundatum* . 200 " VIII. *G. discolor* . 300 " IX. *G. olivaceum* . 500 "

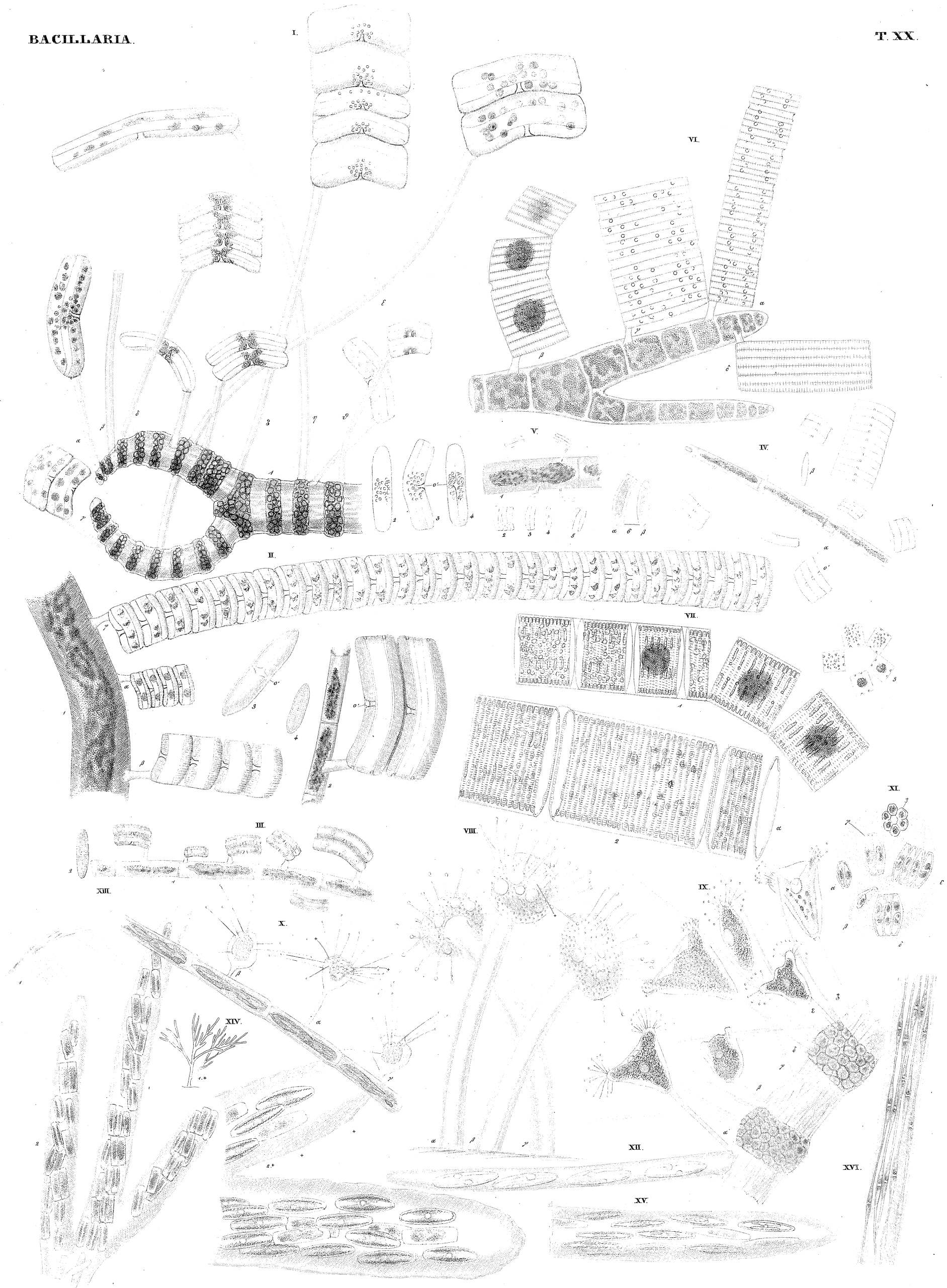


I. IV. ECHINELLA. V. IX. COCCONEMA.

I. *E. flabellata*. $\frac{1}{10}$ " II. *E. splendida*. $\frac{1}{8}$ " III. *E. abbreviata*. $\frac{1}{96}$ " IV. *E. capitata*. $\frac{1}{48}$ " V. *C. Boeckii*. $\frac{1}{48}$ "
 VI. *C. lanceolatum*. $\frac{1}{10}$ " VII. *C. Cistula*. $\frac{1}{6}$ " VIII. *C. cymbiforme*. $\frac{1}{8}$ " IX. *C. gibbum*. $\frac{1}{10}$ "

gez. v. Klövenberg.

gez. v. Wenker.

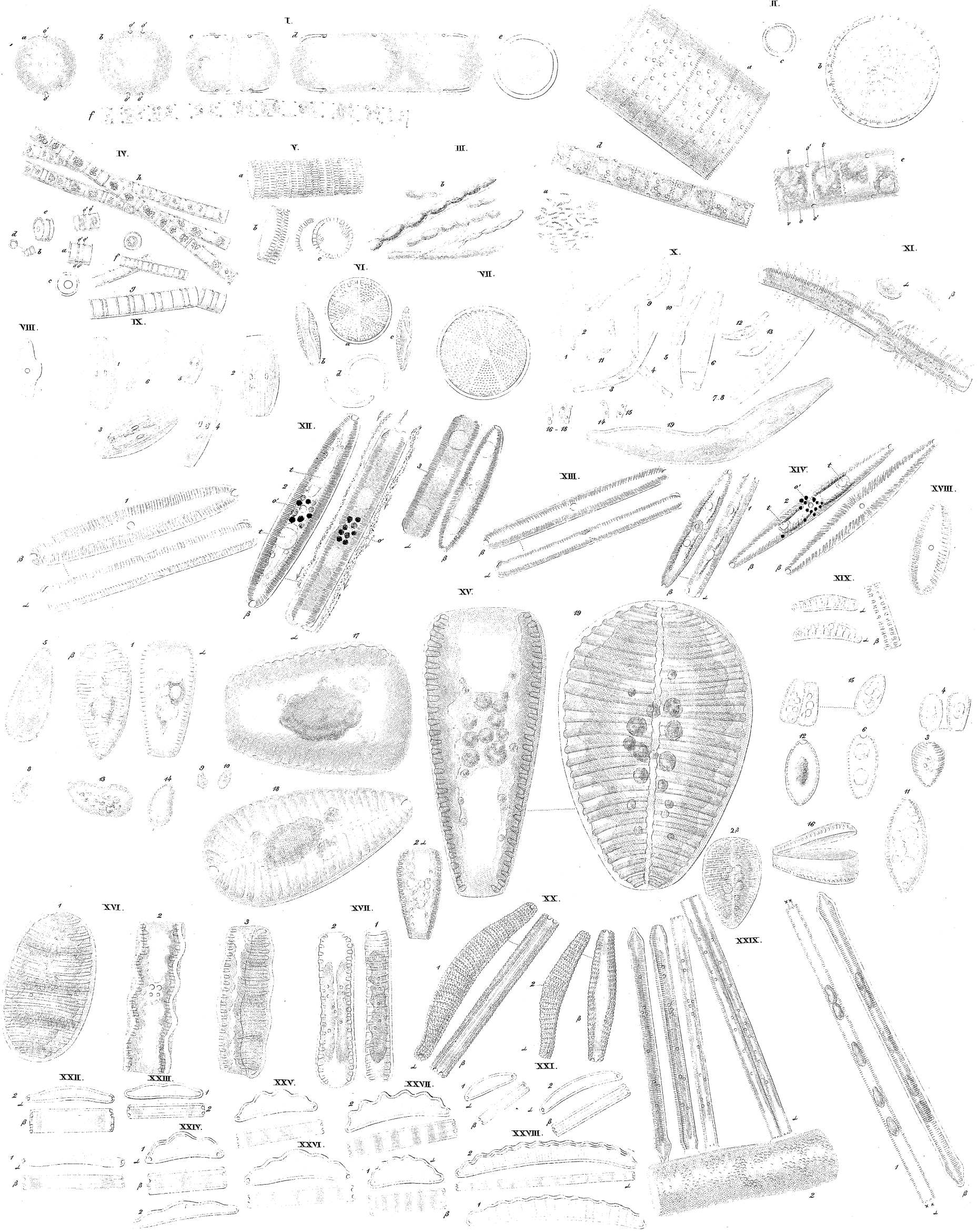


I. V. ACHNANTHES. VI. STRIATELLA. VII. TESSELLA. VIII. X. ACINETA. XI. SYNCYCLIA. XII. XV. NAUNEMA. XVI. SCHIZONEMA.

I. A. longipes 1/60. II. A. brevipennis 1/60. III. A. subsessilis 1/60. IV. A. exilis 1/40. V. A. minutissima 1/12. VI. ST. arcuata 1/60. VII. T. Catena 1/20. VIII. A. Lyngbyei 1/60. IX. A. tuberosa 1/40. X. A. mystacina 1/40. XI. S. Salpa 1/40. XII. N. simplex 1/40. XIII. N. Dillwynii 1/60. XIV. N. Arbuscula 1/12. XV. N. balticum 1/12. XVI. S. Agardhi 1/12.

gez. v. Ehrenberg.

gest. v. C.R. Weber.



I. V. GALLIONELLA. VI. VII. ACTINOCYCLUS. VIII. XXVIII. NAVICULA. XI. COCCONEIS. XIX. XXVIII. EUNOTIA. XXIX. SYNEDRA.

I. *G. nannuloides*. $\frac{1}{2}$ " II. *G. varians*. $\frac{1}{60}$ " III. *G. ferruginea*. $\frac{1}{600}$ " IV. *G. distans*. $\frac{1}{2}$ " V. *G. sulcata*. $\frac{1}{2}$ " VI. *A. senarius*. $\frac{1}{60}$ " VII. *A. octonarius*. $\frac{1}{60}$ " VIII. *N. Trochus*. $\frac{1}{2}$ " IX. *N. quadricostata*. $\frac{1}{2}$ " X. *N. Arcus*. $\frac{1}{60}$ " XI. *C. Pediculus*. $\frac{1}{60}$ " XII. *N. viridis*. $\frac{1}{60}$ " XIII. *N. macilenta*. $\frac{1}{2}$ " XIV. *N. viridula*. $\frac{1}{24}$ " XV. *N. striatula*. $\frac{1}{6}$ " XVI. *N. undulata*. $\frac{1}{60}$ " XVII. *N. constricta*. $\frac{1}{60}$ " XVIII. *N. suecica*. $\frac{1}{60}$ " XIX. *E. Zebra*. $\frac{1}{60}$ " XX. *E. granulata*. $\frac{1}{2}$ " XXI. *E. Faba*. $\frac{1}{60}$ " XXII. *E. Arcus*. $\frac{1}{24}$ " XXIII. *E. Diodon*. $\frac{1}{60}$ " XXIV. *E. Triodon*. $\frac{1}{60}$ " XXV. *E. Tetradon*. $\frac{1}{60}$ " XXVI. *E. Pentodon*. $\frac{1}{60}$ " XXVII. *E. Diadema*. $\frac{1}{24}$ " XXVIII. *E. Serra*. $\frac{1}{24}$ " XXIX. *S. capitata*. $\frac{1}{60}$ "

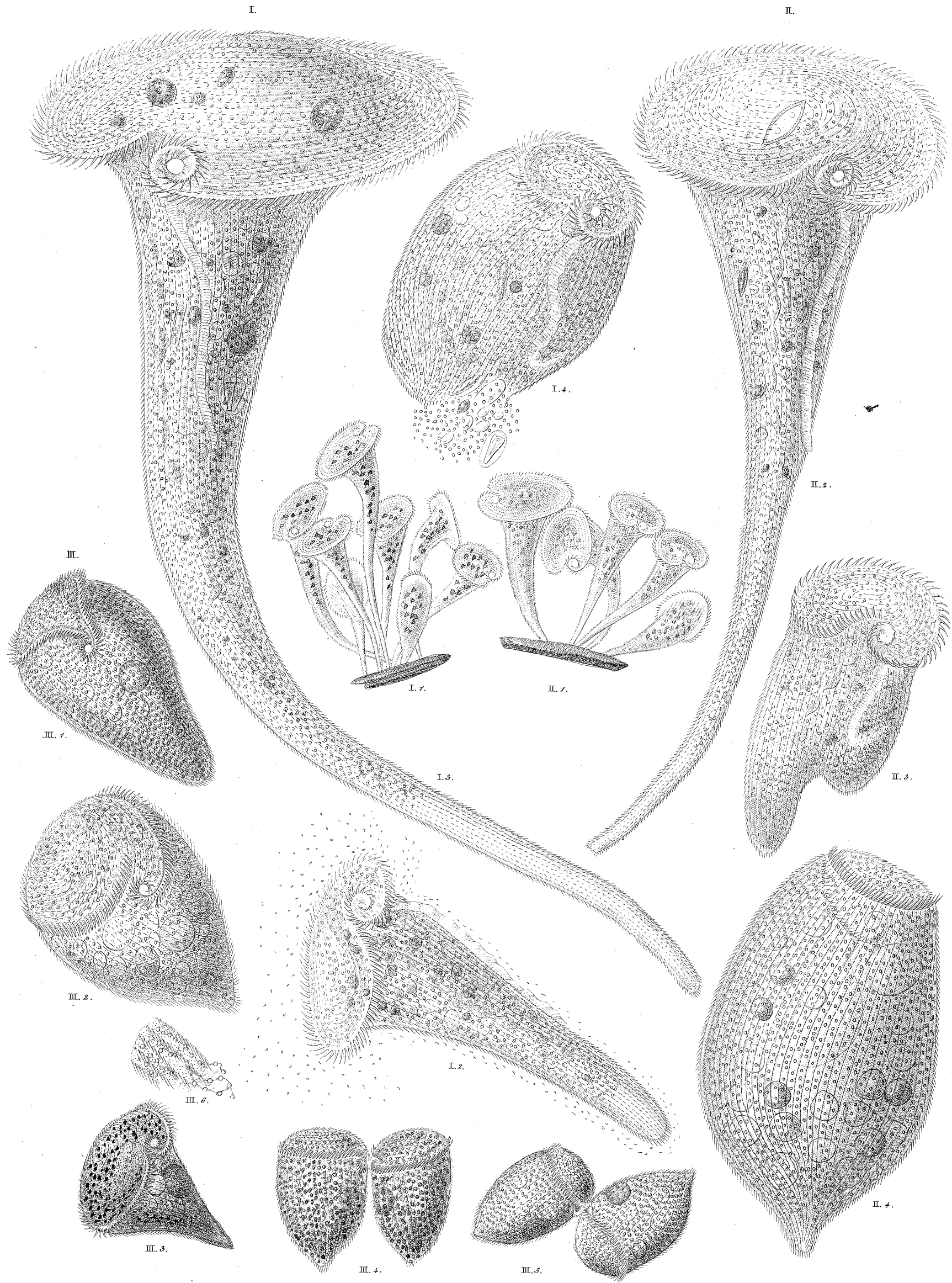


I. IV. CYCLIDIUM V. VI. CHAETOMONAS VII. IX. PANTOTRICHUM X. XI. CHAETOTYPHLA

XII. CHAETOGLENA XIII. XXI. PERIDINIUM XXII. XXIV. GLENODINIUM

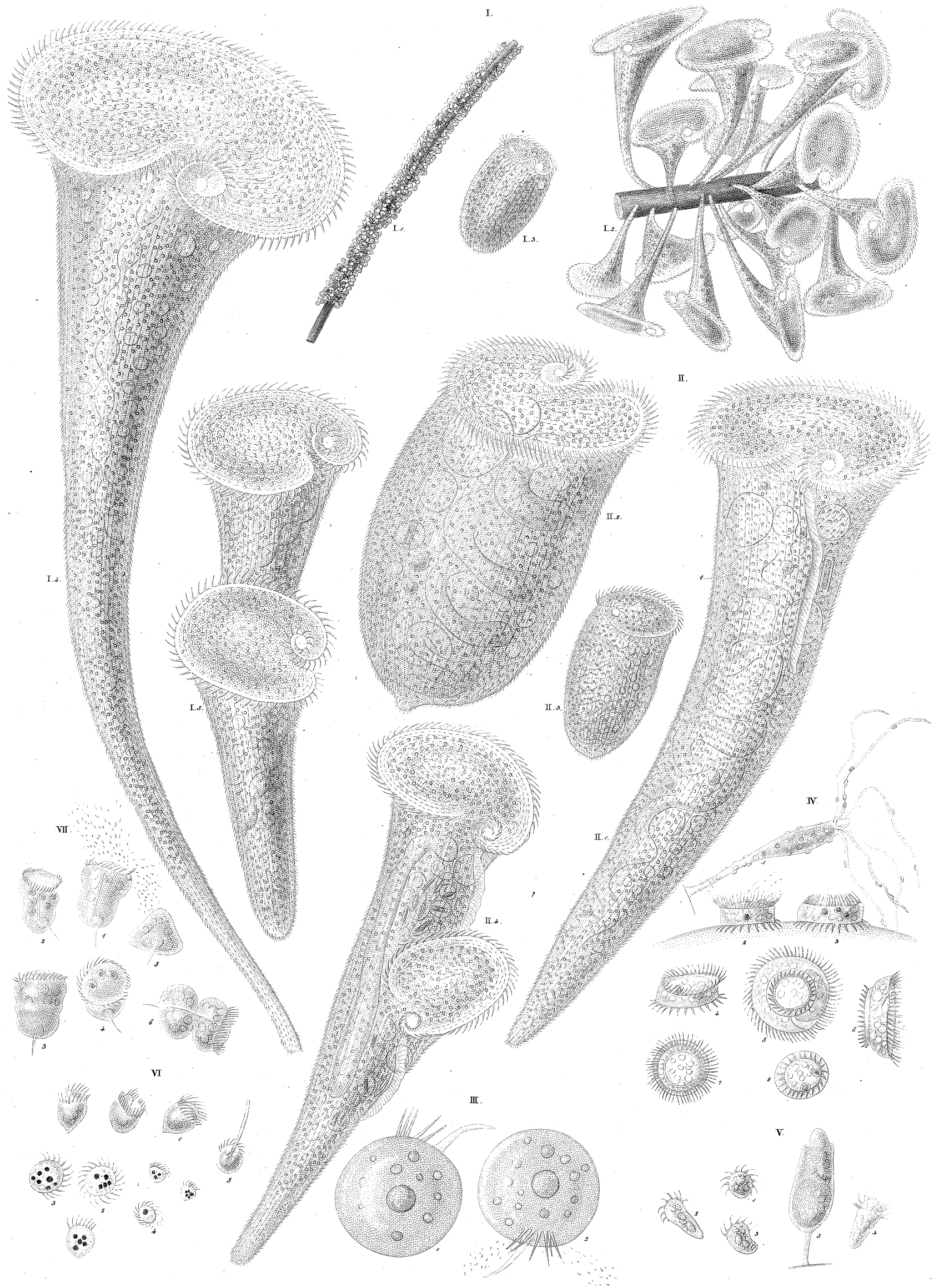
1. *C. Glaucoma*. $\frac{1}{96}$ " II. *C. margaritaceum*. $\frac{1}{64}$ " III. *C. planum*. $\frac{1}{220}$ " IV. *C. lendiforme*. $\frac{1}{265}$ " V. *CH. Globulac.* $\frac{1}{240}$ " VI. *CH. constricta*. $\frac{1}{300}$ "
 VII. *P. Enchelys*. $\frac{1}{96}$ " VIII. *P. Volvae*. $\frac{1}{72}$ " IX. *P. Lagerula*. $\frac{1}{48}$ " X. *CH. armata*. $\frac{1}{52}$ " XI. *CH. aspera*. $\frac{1}{48}$ " XII. *CH. rotocina*. $\frac{1}{96}$ " XIII. *P. cinctum*. $\frac{1}{48}$ "
 XIV. *P. Pulvisculac.* $\frac{1}{96}$ " XV. *P. fuscum*. $\frac{1}{24}$ " XVI. *P. acuminatum*. $\frac{1}{48}$ " XVII. *P. cornutum*. $\frac{1}{12}$ " XVIII. *P. Triplos*. $\frac{1}{12}$ " XIX. *P. Michaelis*. $\frac{1}{48}$ "
 XX. *P. Ficus*. $\frac{1}{8}$ " XXI. *P. Furca*. $\frac{1}{10}$ " XXII. *G. cinctum*. $\frac{1}{48}$ " XXIII. *G. tubulatum*. $\frac{1}{36}$ " XXIV. *G. apiculatum*. $\frac{1}{36}$ "





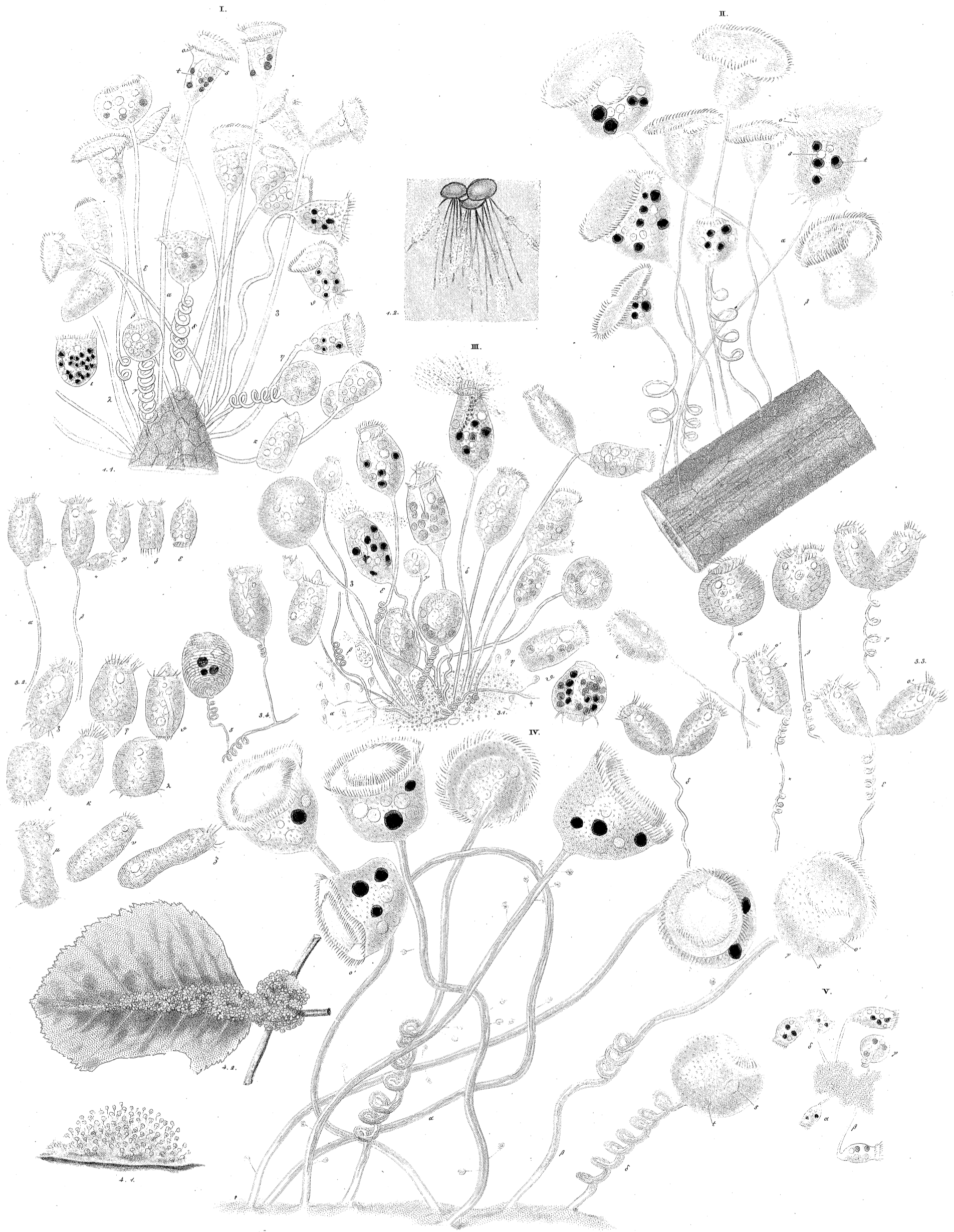
STENTOR.

I. *ST. Mülleri* - 1/4" II. *ST. caeruleus* - 1/4" III. *ST. niger* - 1/8"



I. II. STENTOR. III. VI. TRICHODINA. VII. UROCENTRUM.

I. ST. polymorphus. $\frac{1}{3}$ " II. ST. Roeselii $\frac{1}{5}$ " III. T. tentaculata $\frac{1}{24}$ " IV. T. Pelliculus $\frac{1}{24}$ "
V. T. vorax $\frac{1}{48}$ " VI. T. Grandinella $\frac{1}{72}$ " VII. U. Turbo $\frac{1}{24}$ "

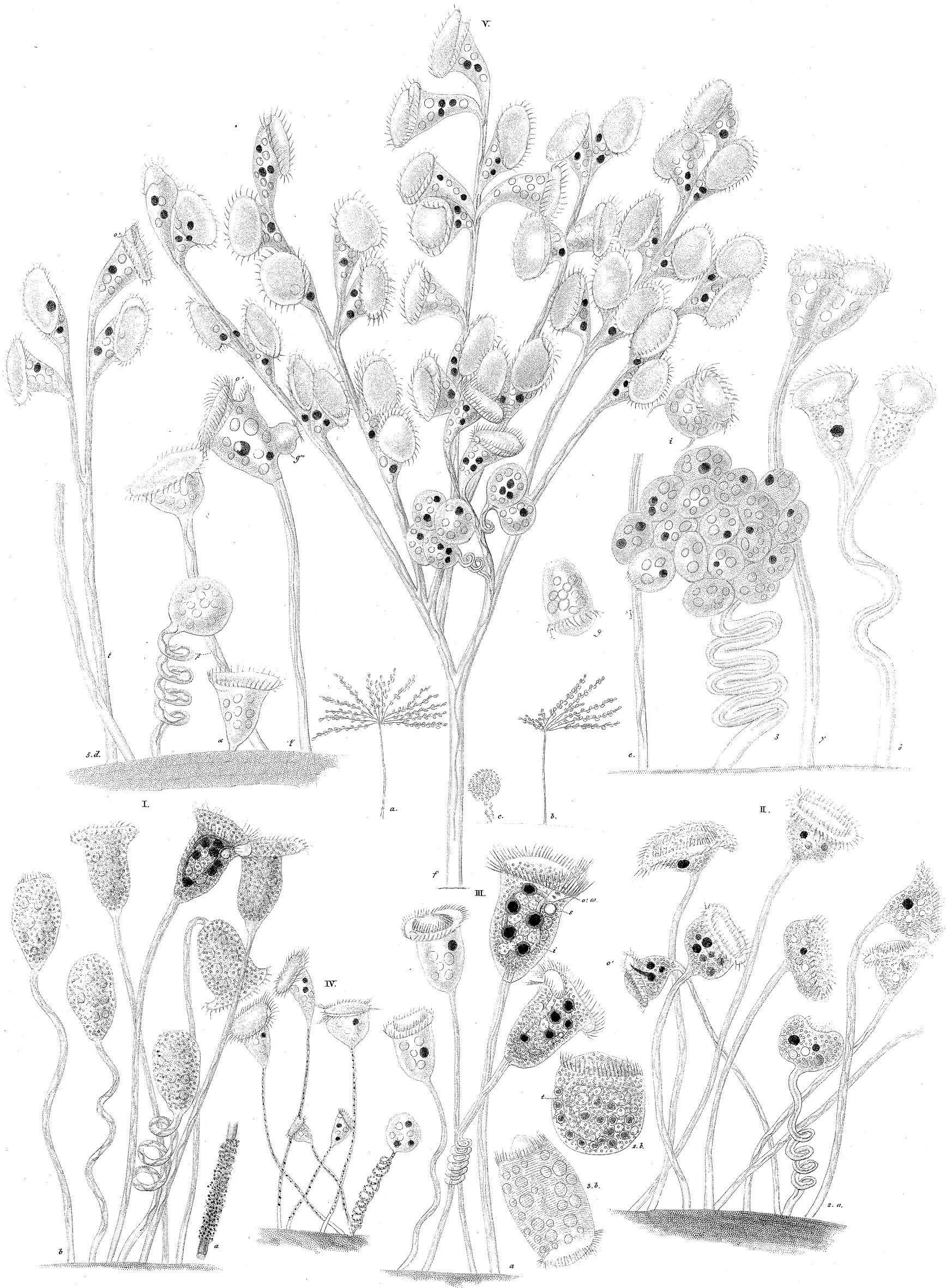


VORTICELLA.

I. *V. nebulifera* - 1/48" II. *V. citrina* - 1/48" III. *V. microstoma* - 1/20" IV. *V. Campanula* - 1/40" V. *V. hamata* - 1/48"

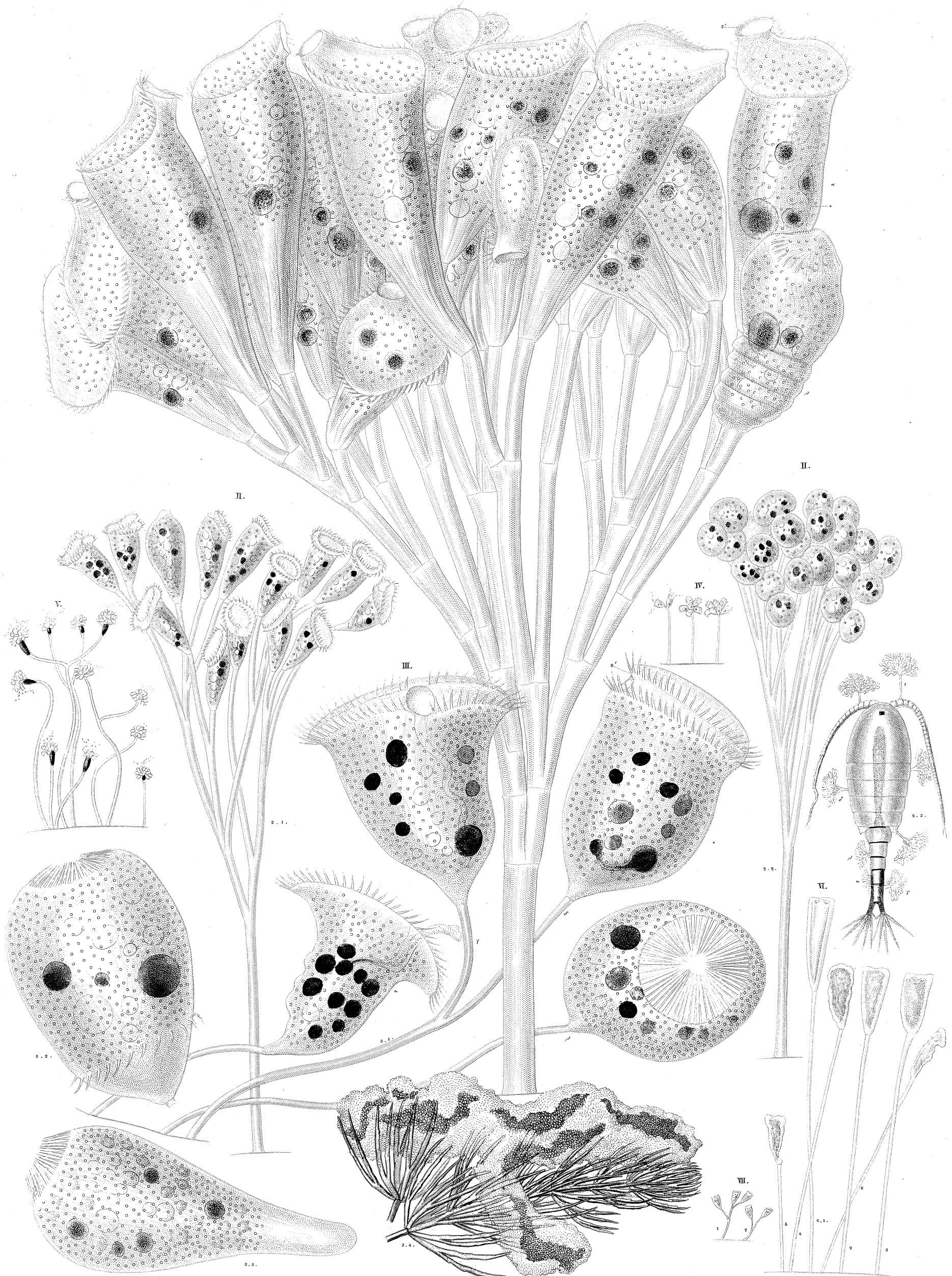
gez. v. Ehrenberg.

gest. v. C.E. Weber.



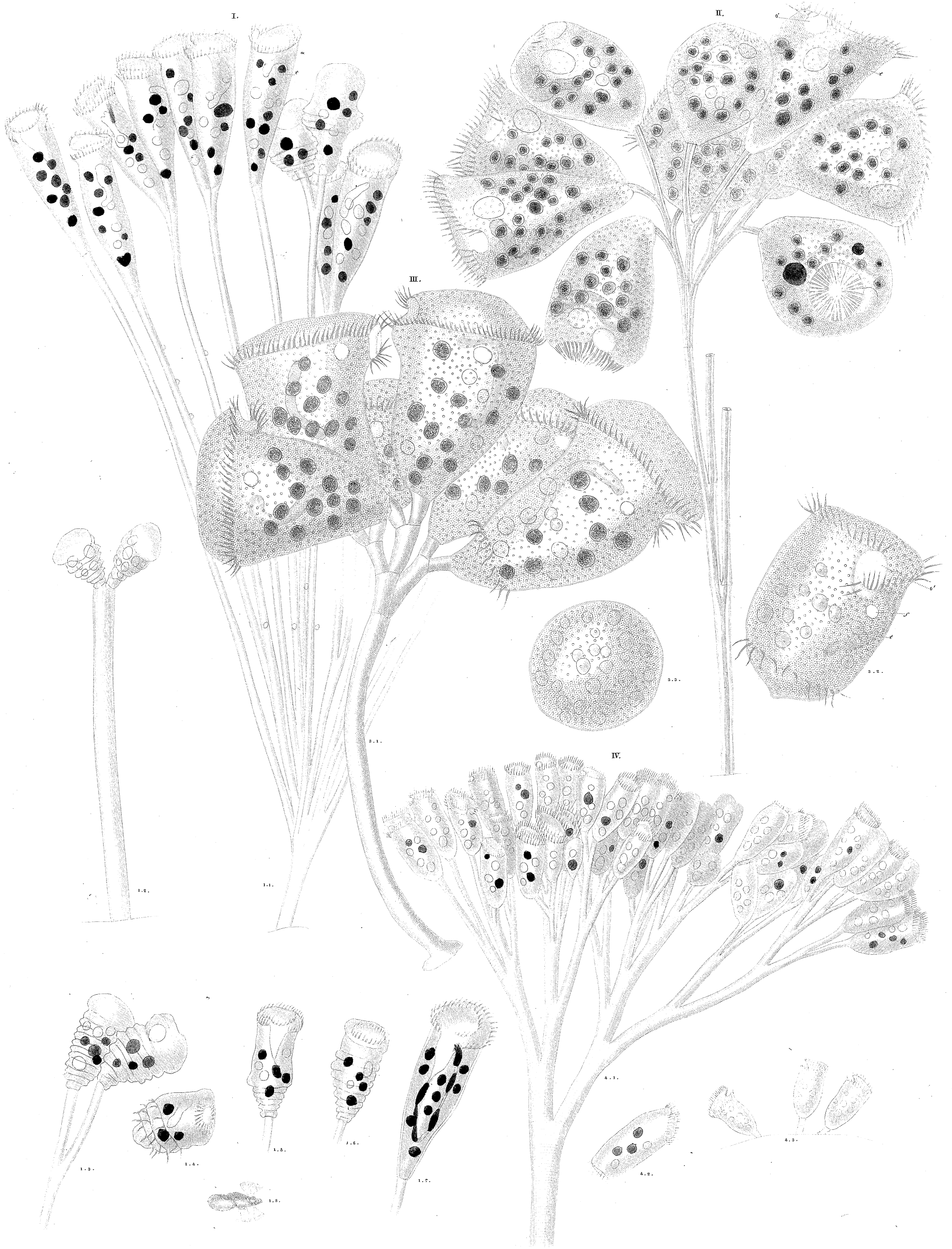
I. V. VORTICELLA. V. CARCHESIUM.

I. V. chlorostigma - 1/20". II. V. patellina - 1/24". III. V. Convallaria - 1/20". IV. V. picta - 1/48".
V. C. polypinum - 1/56".



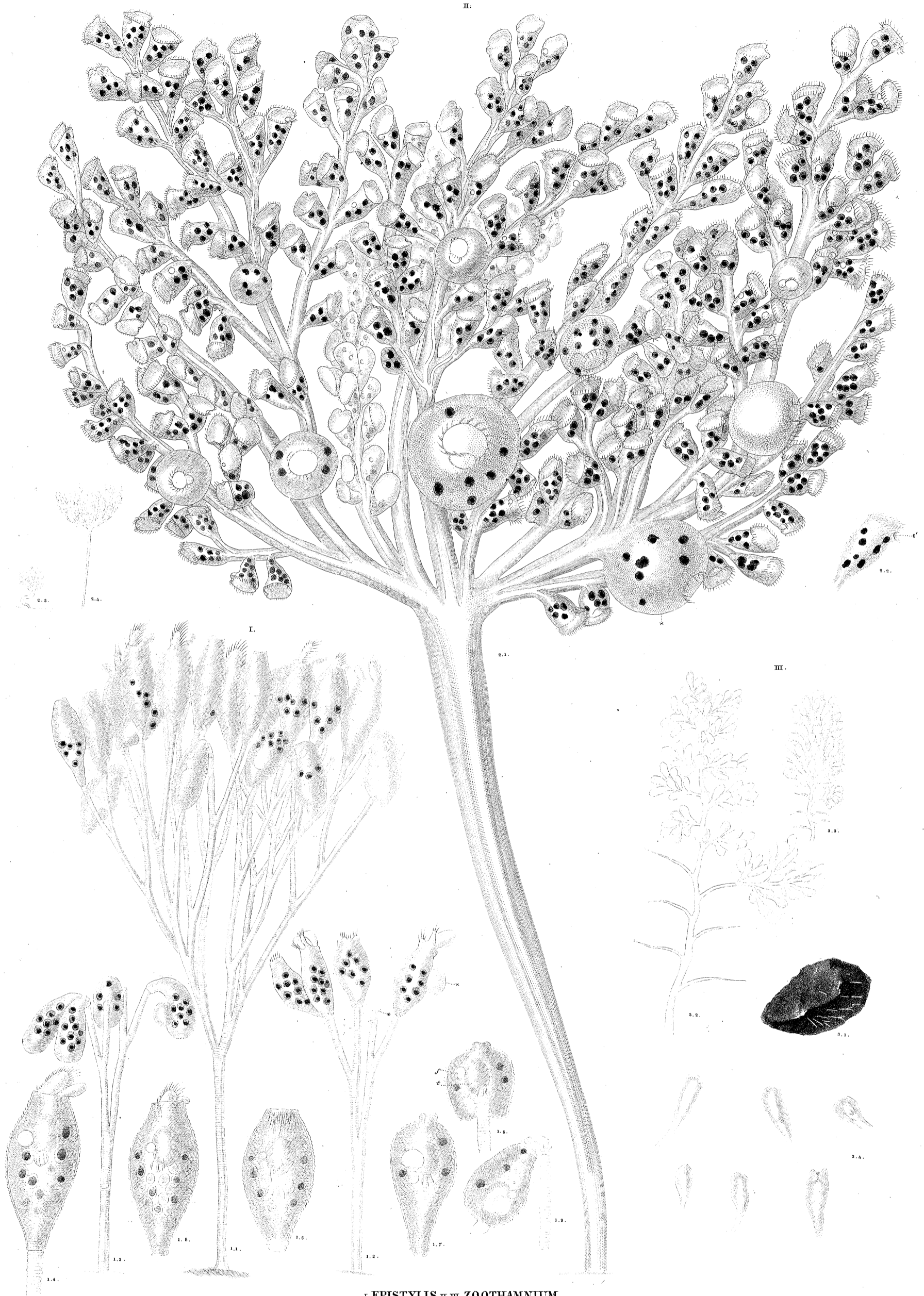
EPISTYLIS.

I. *E. Galea*. $\frac{1}{10}$ II. *E. anastatica*. $\frac{1}{24}$ III. *E. grandis*. $\frac{1}{10}$ IV. *E. Botrytis*. $\frac{1}{200}$ V. *E. ? vegetans*. $\frac{1}{288}$ VI. *E. ? parasitica*. $\frac{1}{10}$ VII. *E. arabica*. $\frac{1}{36}$



EPISTYLIS.

I. *E. plicatilis*. $\frac{1}{18}$ II. *E. flavicans*. $\frac{1}{16}$ III. *E. leucos*. $\frac{1}{10}$ IV. *E. digitalis*. $\frac{1}{20}$

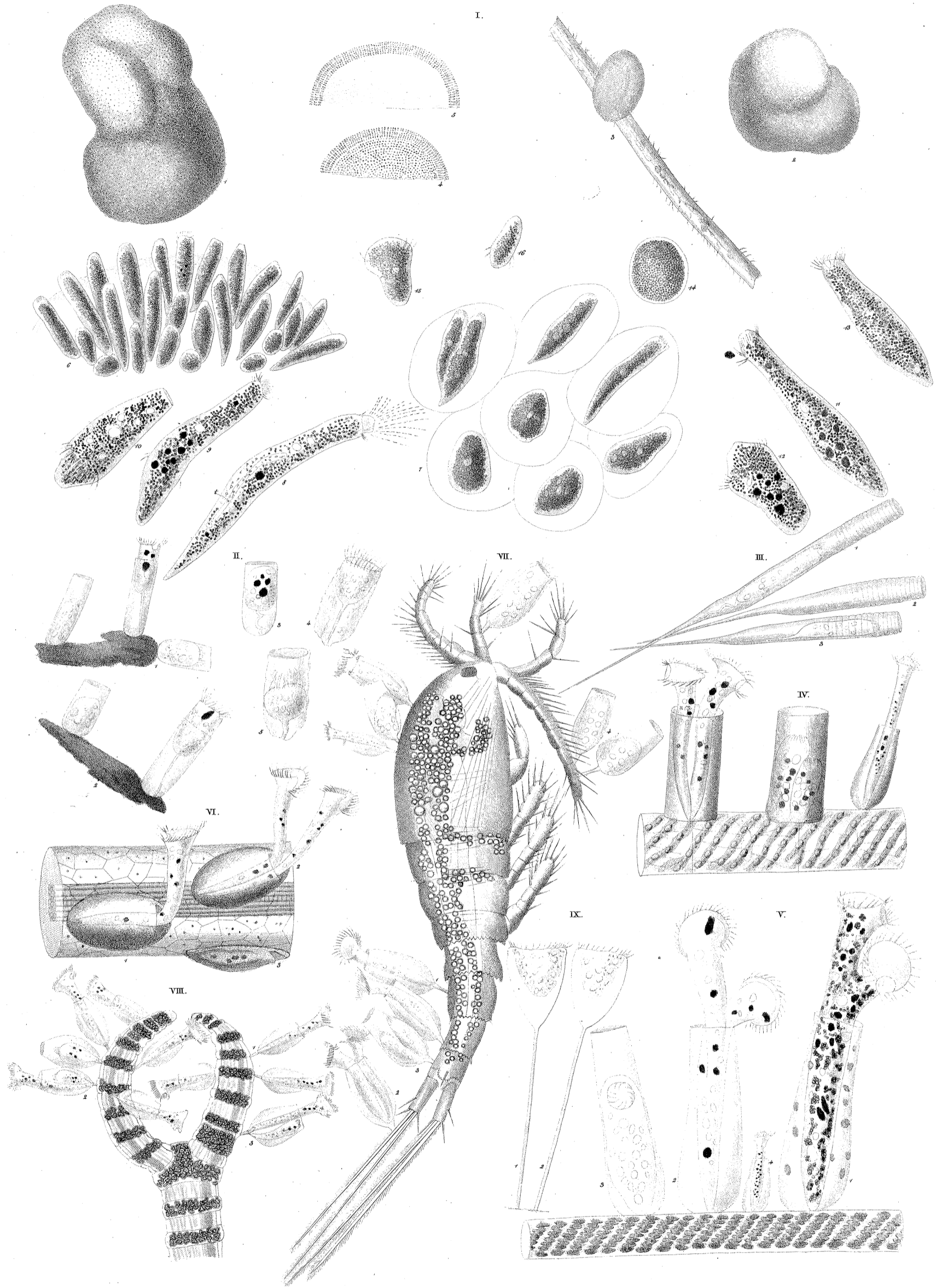


I. EPISTYLIS II-III. ZOOTHAMNIUM

I. *E. nutans*. $\frac{1}{36}$ " II. *L. Arbuscula*. $\frac{1}{48}$ " III. *L. nireum*. $\frac{1}{48}$ "

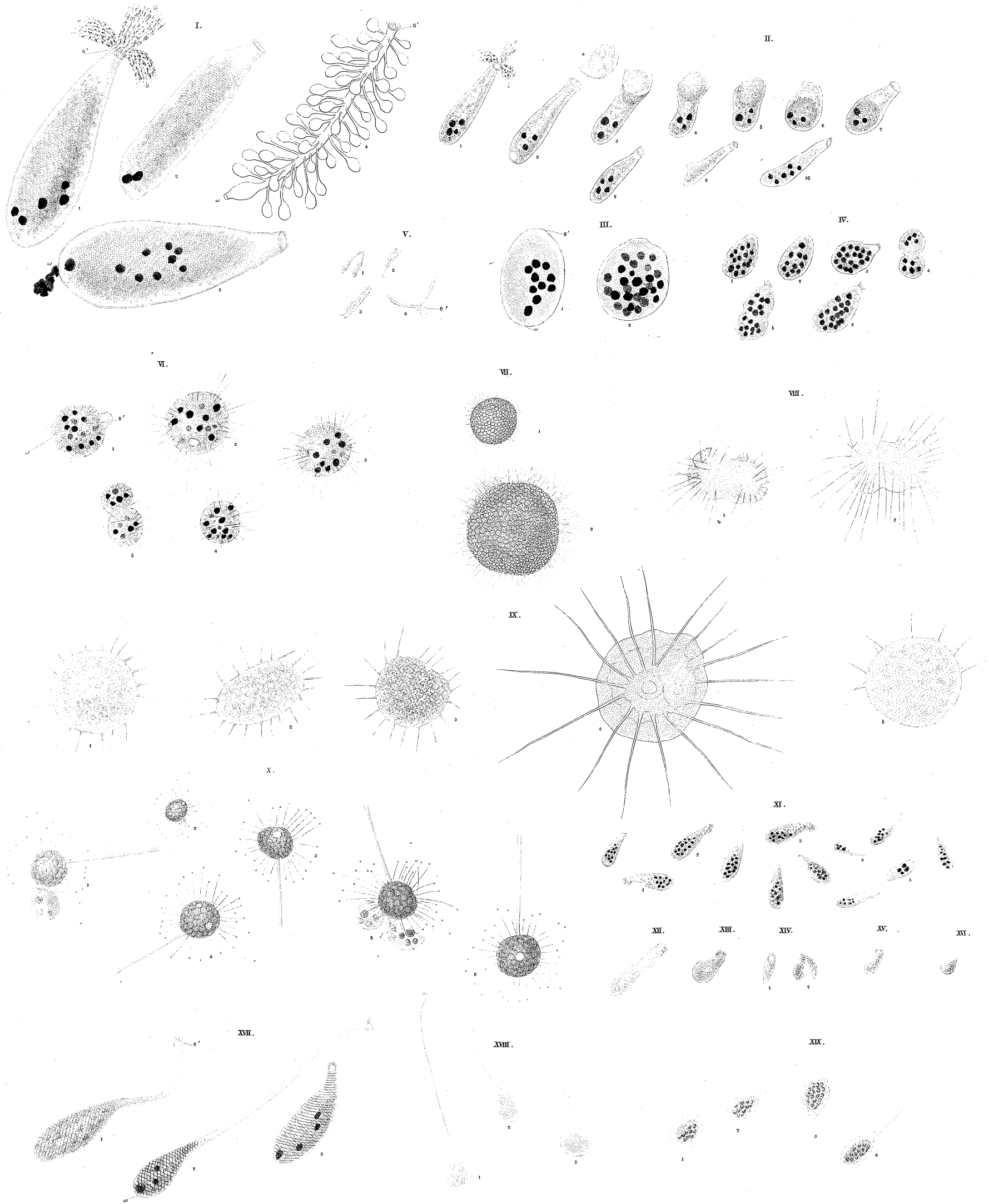
gez. v. Ehrenberg.

gest. v. C.E. Weber.



I. OPHRYDIUM. II. TINTINNUS. IV. VAGINICOLA VII. COTHURNIA.

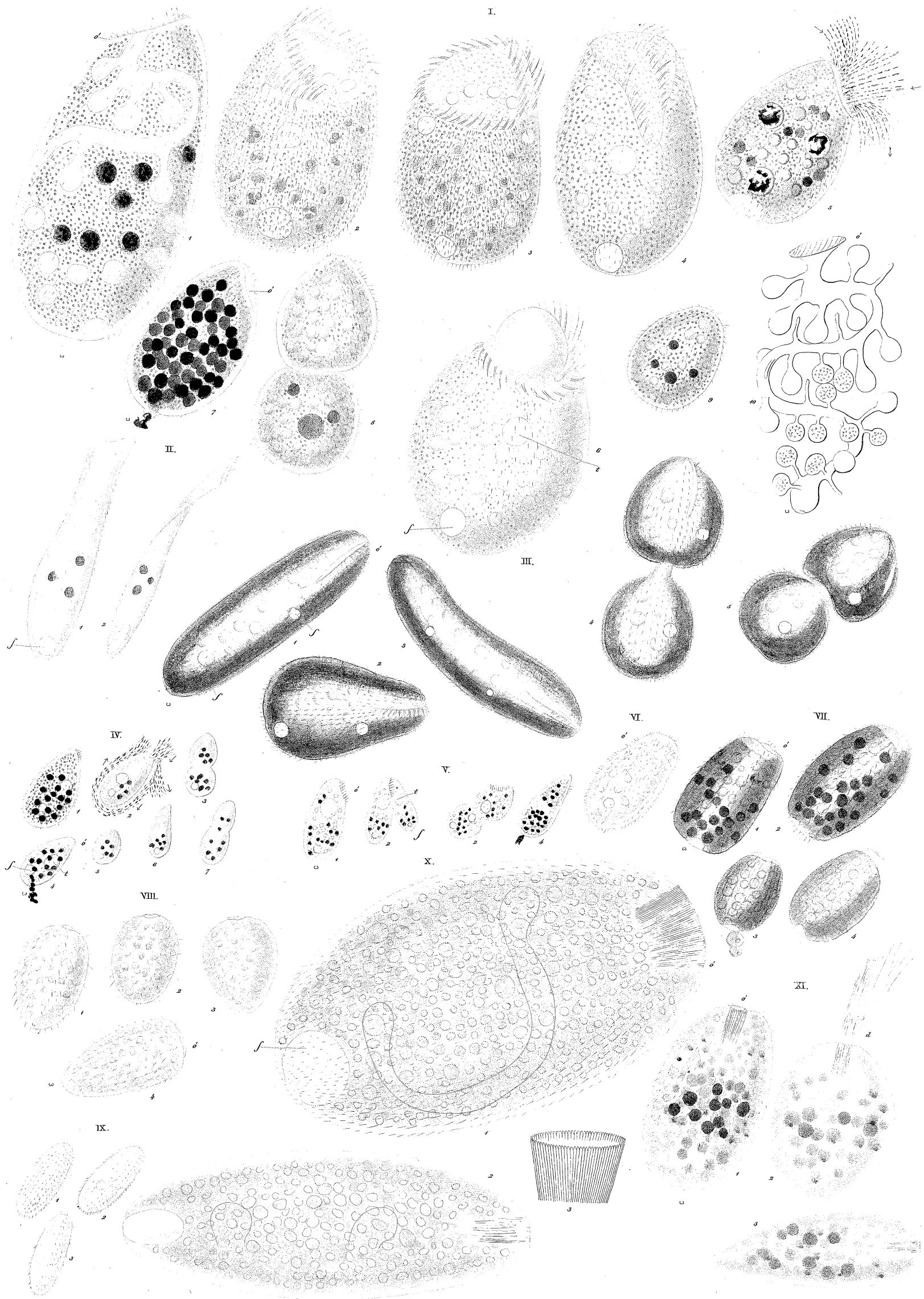
I. *O. versatile* $\frac{1}{60}$ " II. *T. inquilinus* $\frac{1}{20}$ " III. *T. subulatus* $\frac{1}{8}$ " IV. *V. tincta* $\frac{1}{24}$ " V. *V. crystallina* $\frac{1}{80}$ "
 VI. *V. decumbens* $\frac{1}{24}$ " VII. *C. imberbis* $\frac{1}{48}$ " VIII. *C. maritima* $\frac{1}{48}$ " IX. *C. hanniensis* $\frac{1}{8}$ "



I. IV. ENCHELYS. V. DISOMA. VI. VIII. ACTINOPHRYS. IX. TRICHODISCUS. X. PODOPHYRYA. XI. XVI. TRICHODA.

XVII. XIX. LACRYMARIA.

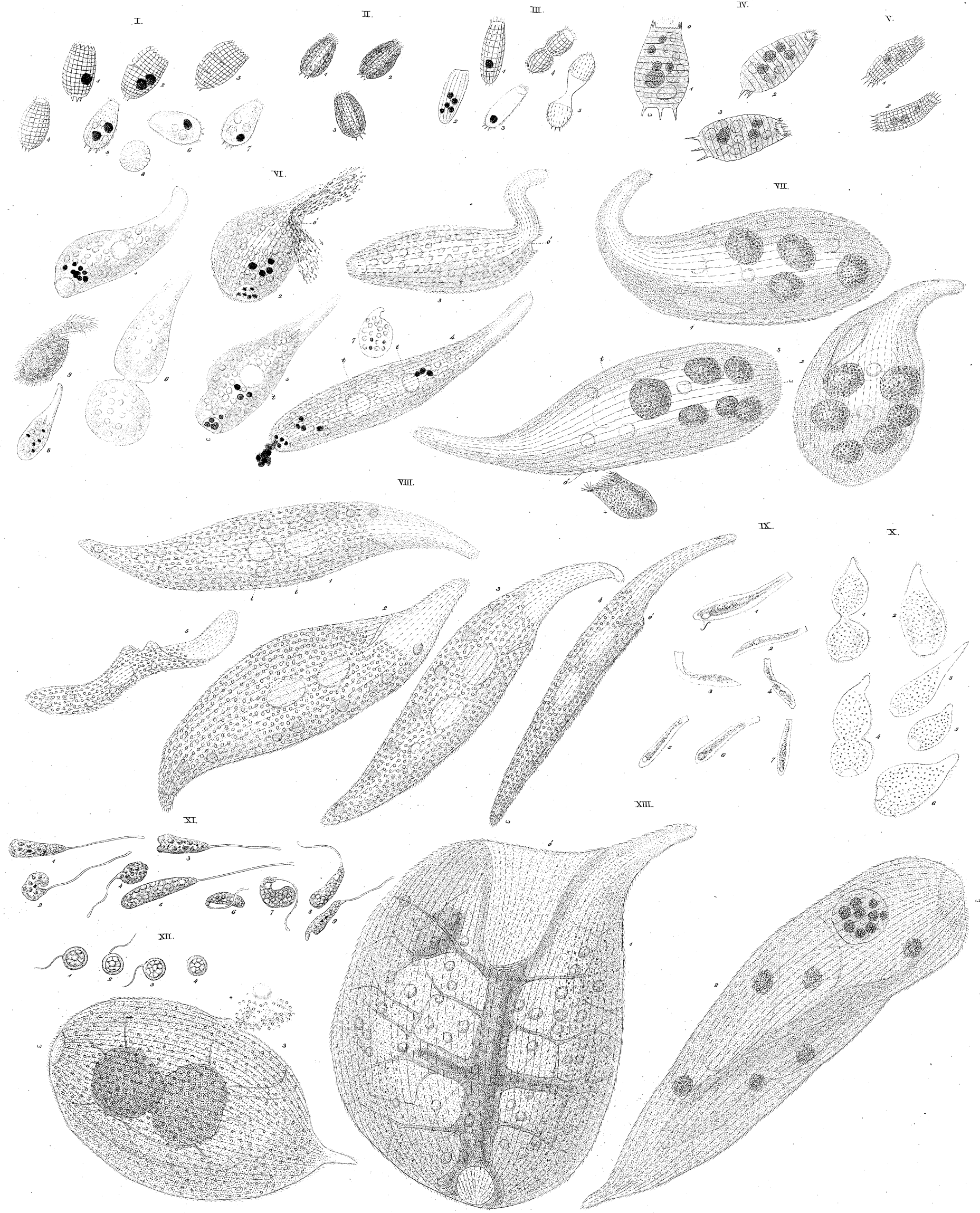
I. *E. Pupa*. $\frac{1}{2}$ II. *E. Farcimen*. $\frac{1}{36}$ III. *E. infuscata*. $\frac{1}{20}$ IV. *E. nebulosa*. $\frac{1}{48}$ V. *D. vacillans*. $\frac{1}{24}$ VI. *A. Sol*. $\frac{1}{36}$ VII. *A. viridis*. $\frac{1}{24}$ VIII. *A. difformis*. $\frac{1}{24}$ IX. *T. Sol*. $\frac{1}{48}$ X. *P. fica*. $\frac{1}{36}$ XI. *T. pura*. $\frac{1}{60}$ XII. *T. Basamonum*. $\frac{1}{24}$ XIII. *T. ovata*. $\frac{1}{40}$ XIV. *T. aethiopica*. $\frac{1}{50}$ XV. *T. asiatica*. $\frac{1}{72}$ XVI. *T. Pyram*. $\frac{1}{60}$ XVII. *L. Proteus*. $\frac{1}{12}$ XVIII. *L. Gutta*. $\frac{1}{8}$ XIX. *L. rugosa*. $\frac{1}{24}$



I. VI. LEUCOPHRYS. VII. IX. HOLOPHRYA. X. XI. PRORODON.

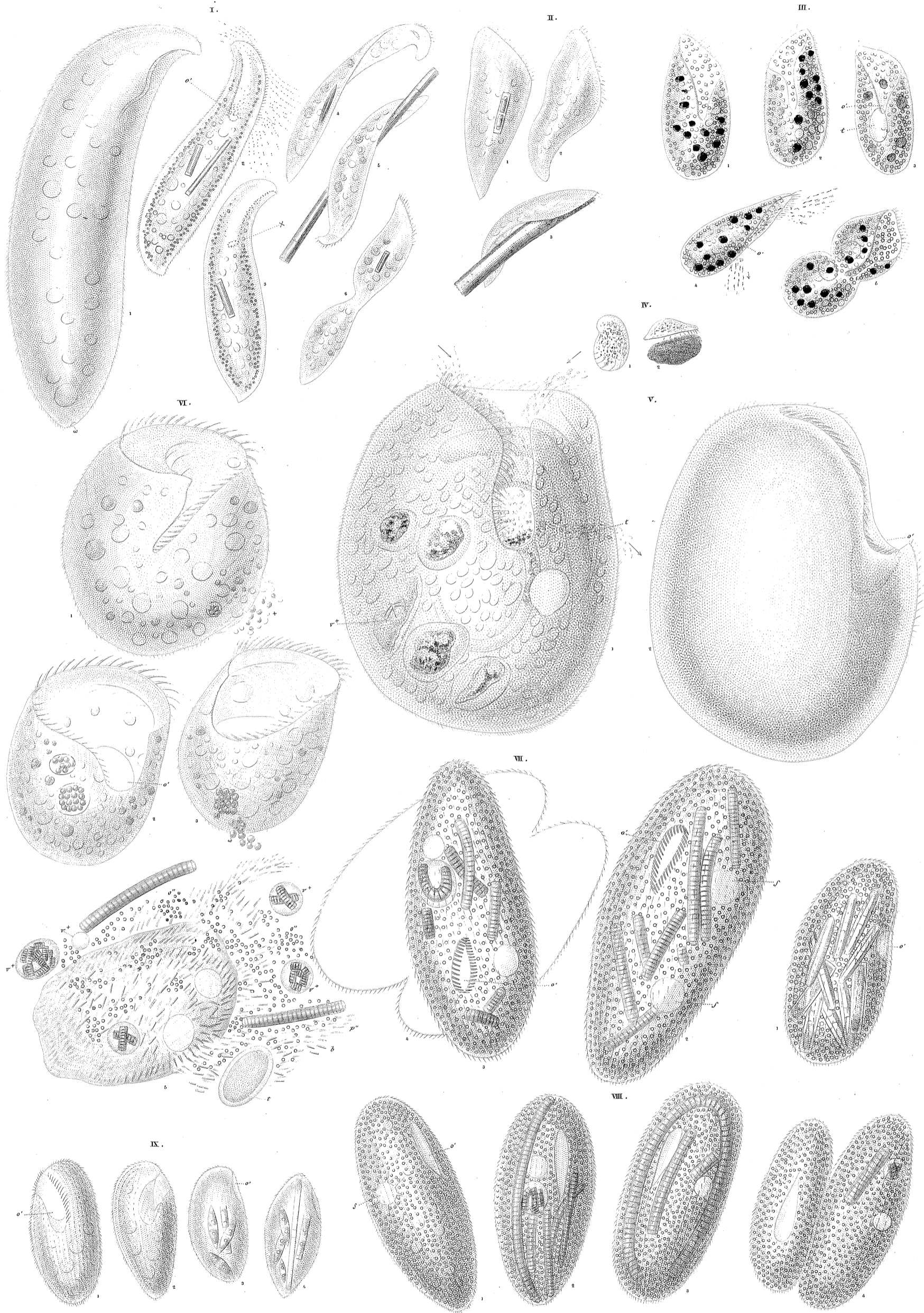
I. *L. patula* - $\frac{1}{8}$ " - II. *L. Spathula* - $\frac{1}{2}$ " - III. *L. sanguinea* - $\frac{1}{2}$ " - IV. *L. pyriformis* - $\frac{1}{4}$ " - V. *L. carriam* - $\frac{1}{32}$ " - VI. *L. Anodontae* - $\frac{1}{32}$ "

VII. *H. Ovum* - $\frac{1}{16}$ " - VIII. *H. discolor* - $\frac{1}{20}$ " - IX. *H. Coleps* - $\frac{1}{4}$ " - X. *P. niveus* - $\frac{1}{8}$ " - XI. *P. teres* - $\frac{1}{2}$ "



I-X COLEPS VI - XIII TRACHELIUS.

- I. *Chirtus* $\frac{1}{36}$ II. *Viridis* $\frac{1}{48}$ III. *Elongatus* $\frac{1}{36}$ IV. *Amphacanthus* $\frac{1}{48}$ V. *Cincurvus* $\frac{1}{36}$ VI. *Anas* $\frac{1}{60}$
 VII. *Vorax* $\frac{1}{60}$ VIII. *Meleagris* $\frac{1}{60}$ IX. *Lamella* $\frac{1}{24}$ X. *Anaticula* $\frac{1}{24}$ XI. *Trichophorus* $\frac{1}{20}$
 XII. *Globulifer* $\frac{1}{60}$ XIII. *Ovum* $\frac{1}{60}$



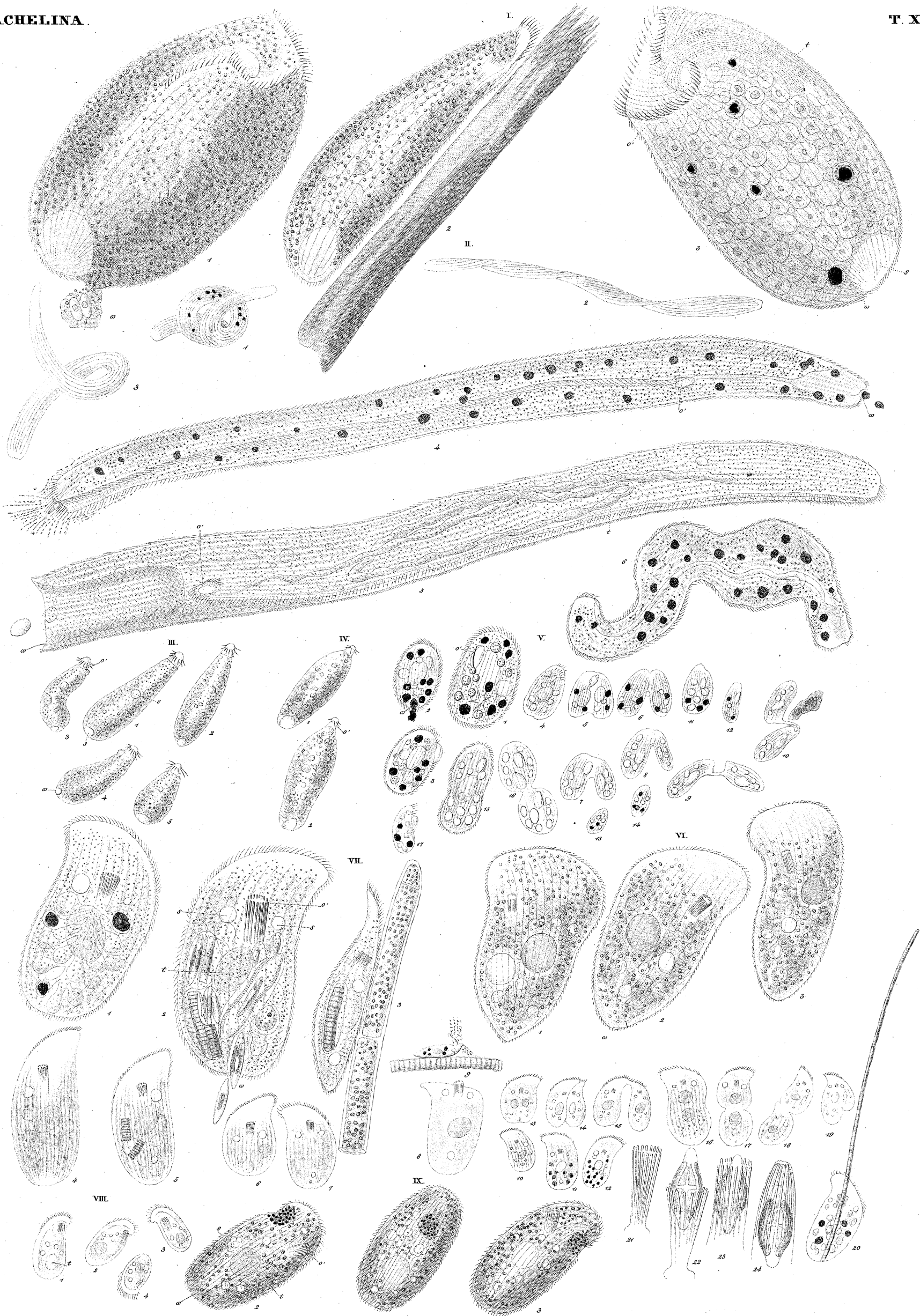
I. IV. LOXODES. V. IX. BURSARIA.

I. L. *Rostrum*. $\frac{1}{5}$:: II. L. *Cithara*. $\frac{1}{18}$:: III. L. *Bursaria*. $\frac{1}{24}$:: IV. L. *plicatus*. $\frac{1}{36}$:: V. B. *truncatella*. $\frac{1}{3}$:: VI. B. *Forticella*. $\frac{1}{9}$::
 VII. B. *vernalis*. $\frac{1}{10}$:: VIII. B. *Leucas*. $\frac{1}{12}$:: IX. B. *Pupa*. $\frac{1}{24}$::



BURSARIA.

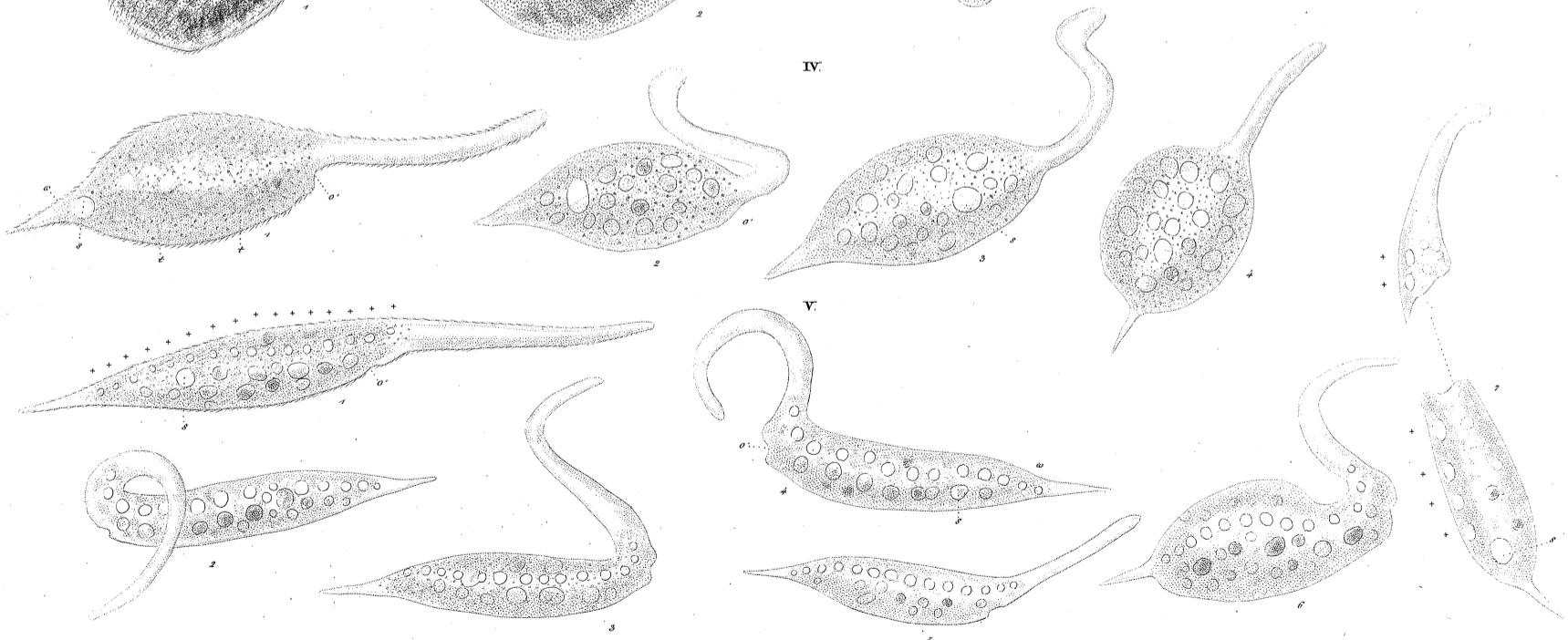
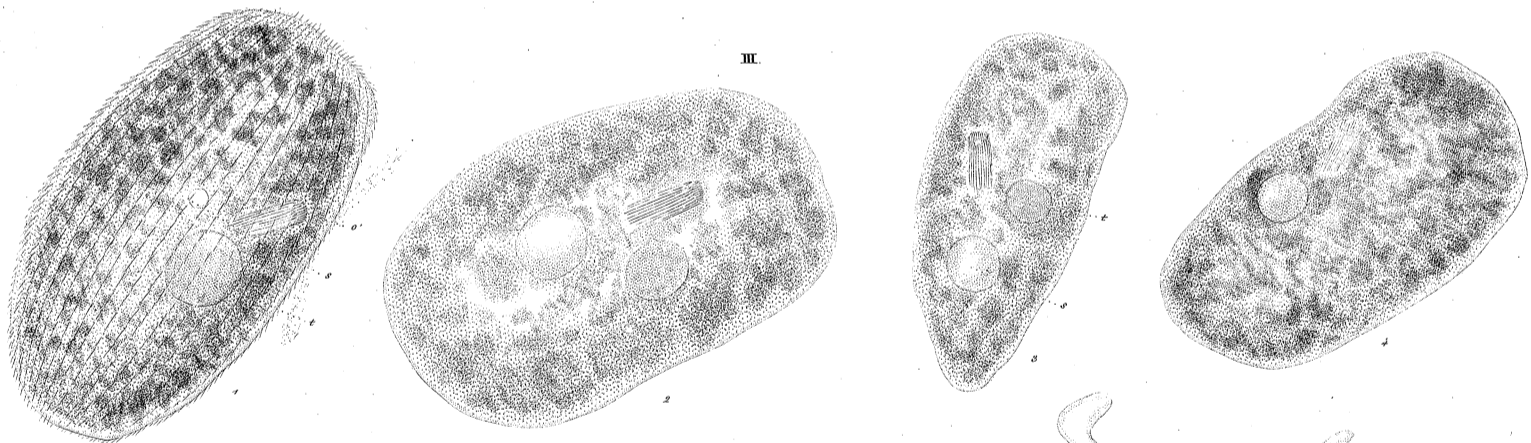
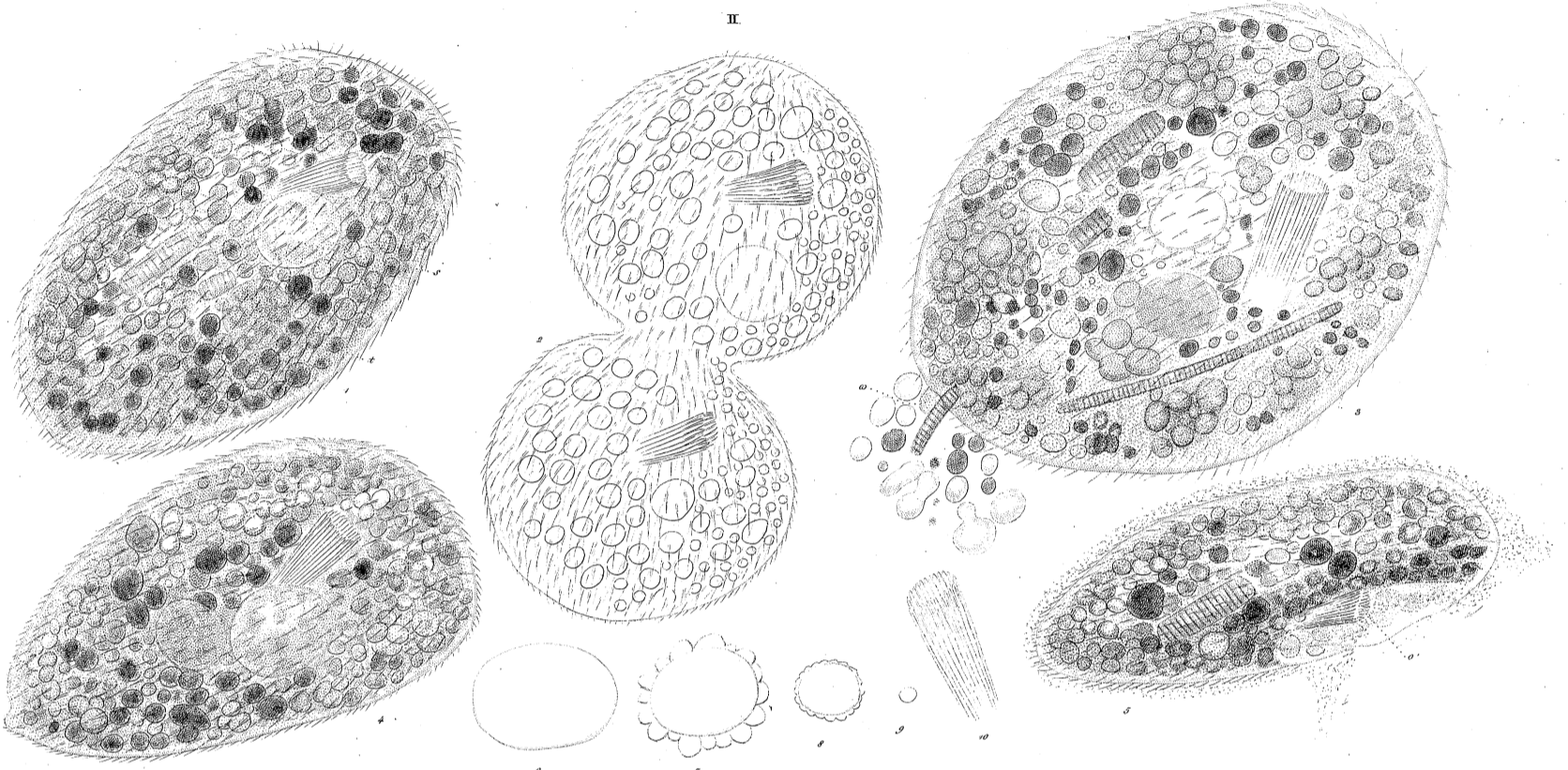
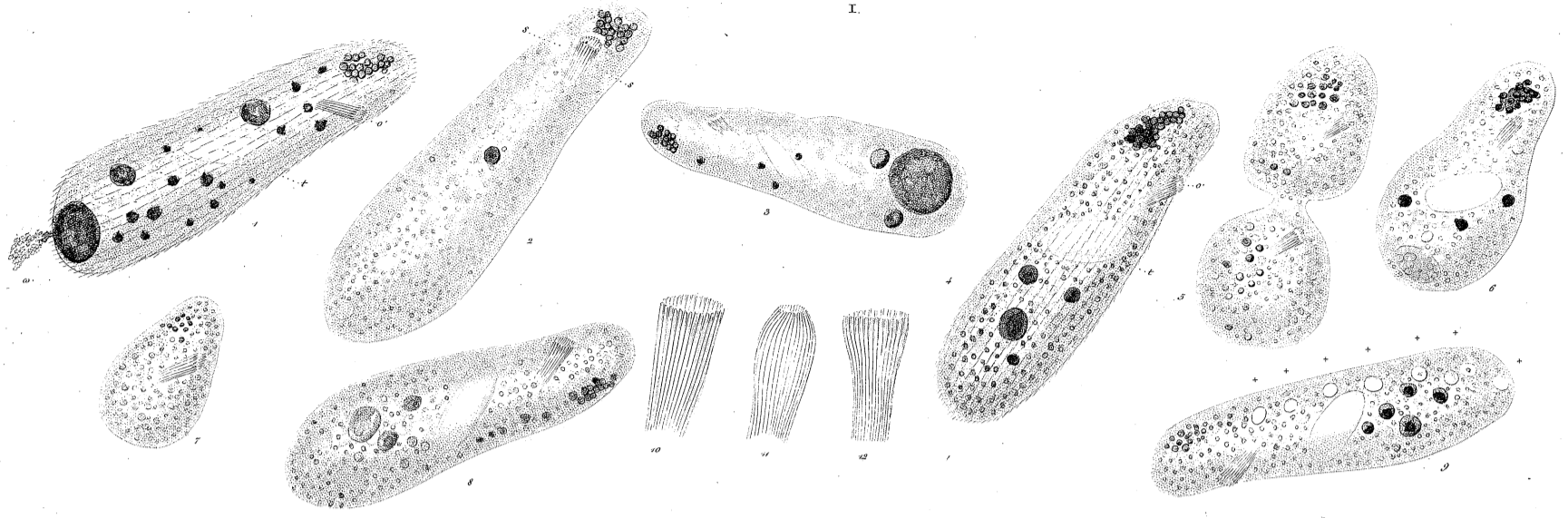
I. *B. porux* $\frac{1}{20}$ " II. *B. flava* $\frac{1}{8}$ " III. *B. Entozoon* $\frac{1}{8}$ " IV. *B. intestindis* $\frac{1}{10}$ " V. *B. Nucleus* $\frac{1}{8}$ " VI. *B. cordiformis* $\frac{1}{8}$ " VII. *B. Ranarum* $\frac{1}{8}$ " VIII. *B. lateritia* $\frac{1}{12}$ " IX. *B. aurantiaca* $\frac{1}{24}$ "



I. II. SPIROSTOMUM. III. IV. PHIALINA. V. GLAUCOMA. VI. IX. CHILODON.

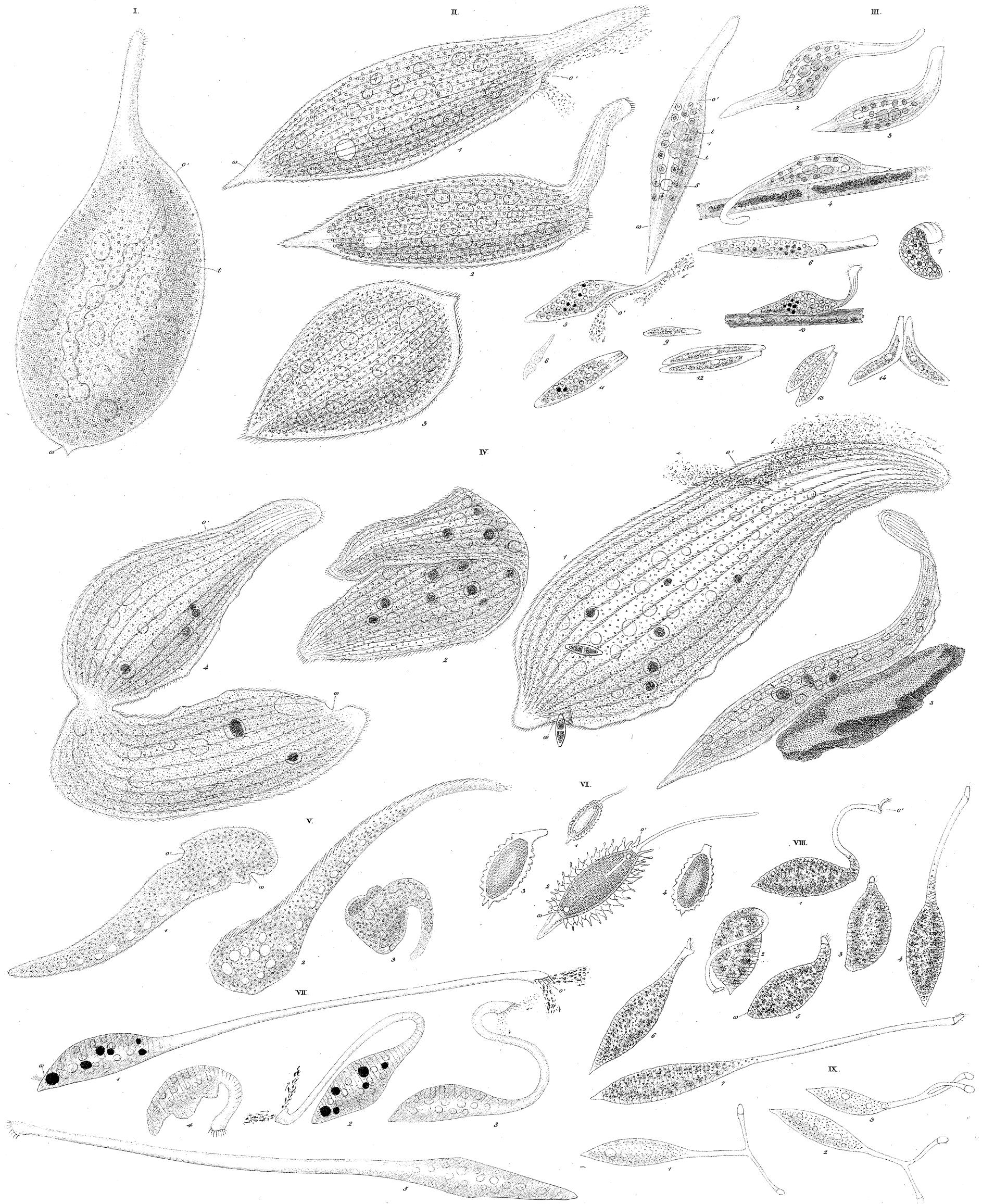
I. SP. *virans* 1/60. II. SP. *ambiguum* 5/6. III. PH. *vermicularis* 1/20. IV. PH. *viridis* 1/24. V. G. *scintillans* 1/24. VI. CH. *aureus* 1/32.

VII. CH. *Cucullatus* 1/42. VIII. CH. *uncinatus* 1/60. IX. CH. *ornatus* 1/64.



I. II. NASSULA. IV. V. AMPHILEPTUS.

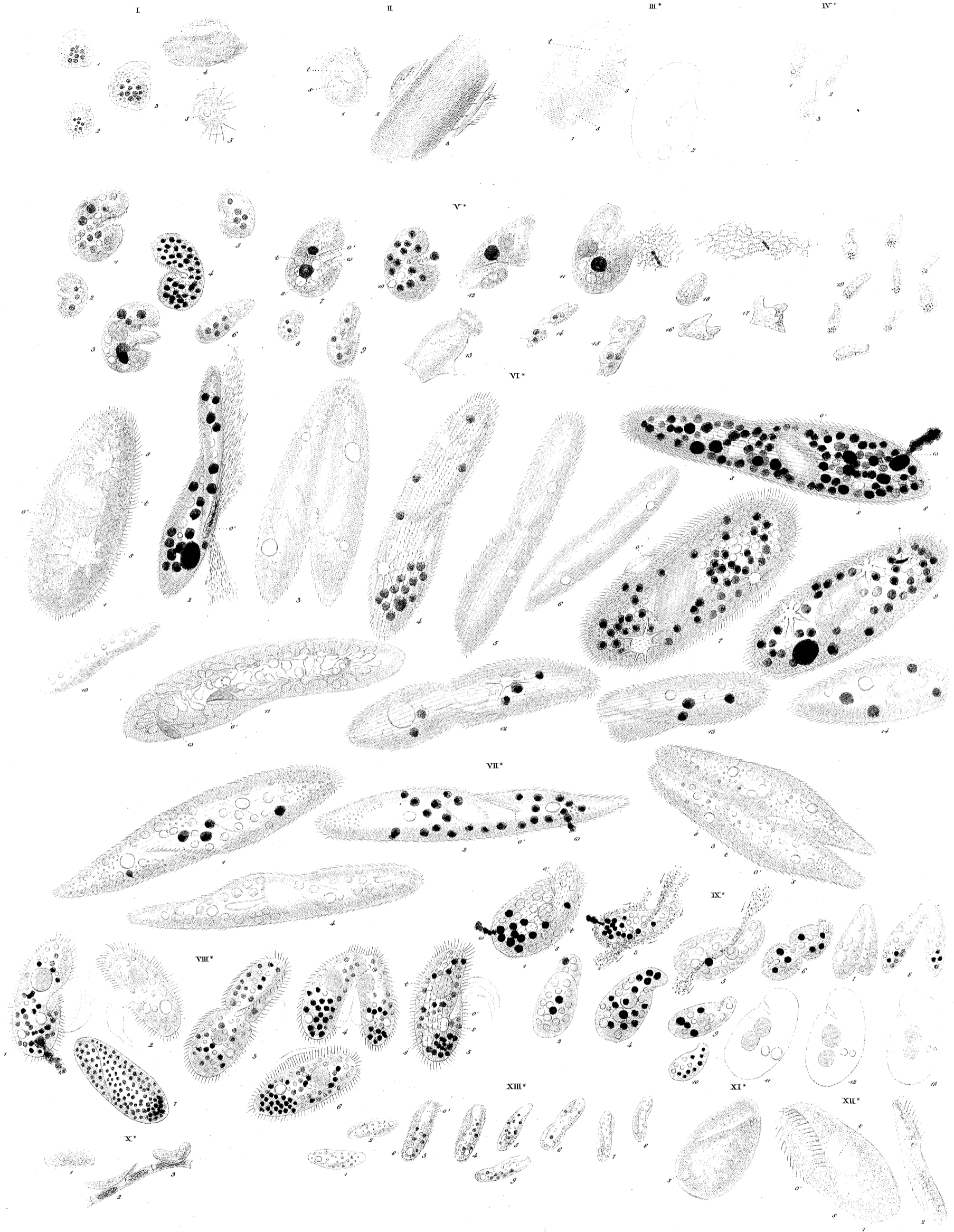
I. *N. elegans* 1/60. II. *N. ornata* 1/60. III. *N. aurea* 1/60. IV. *A. Anser* 1/60. V. *A. margaritifera* 1/60.



I-VI. AMPHILEPTUS. VII-IX. TRACHELOCERCA.

I. *A. montiger* 1/6. II. *A. viridis* 1/6. III. *A. fasciola* 1/2. IV. *A. Meleagris* 1/6. V. *A. longicollis* 1/6. VI. *A. papillosus* 1/6.

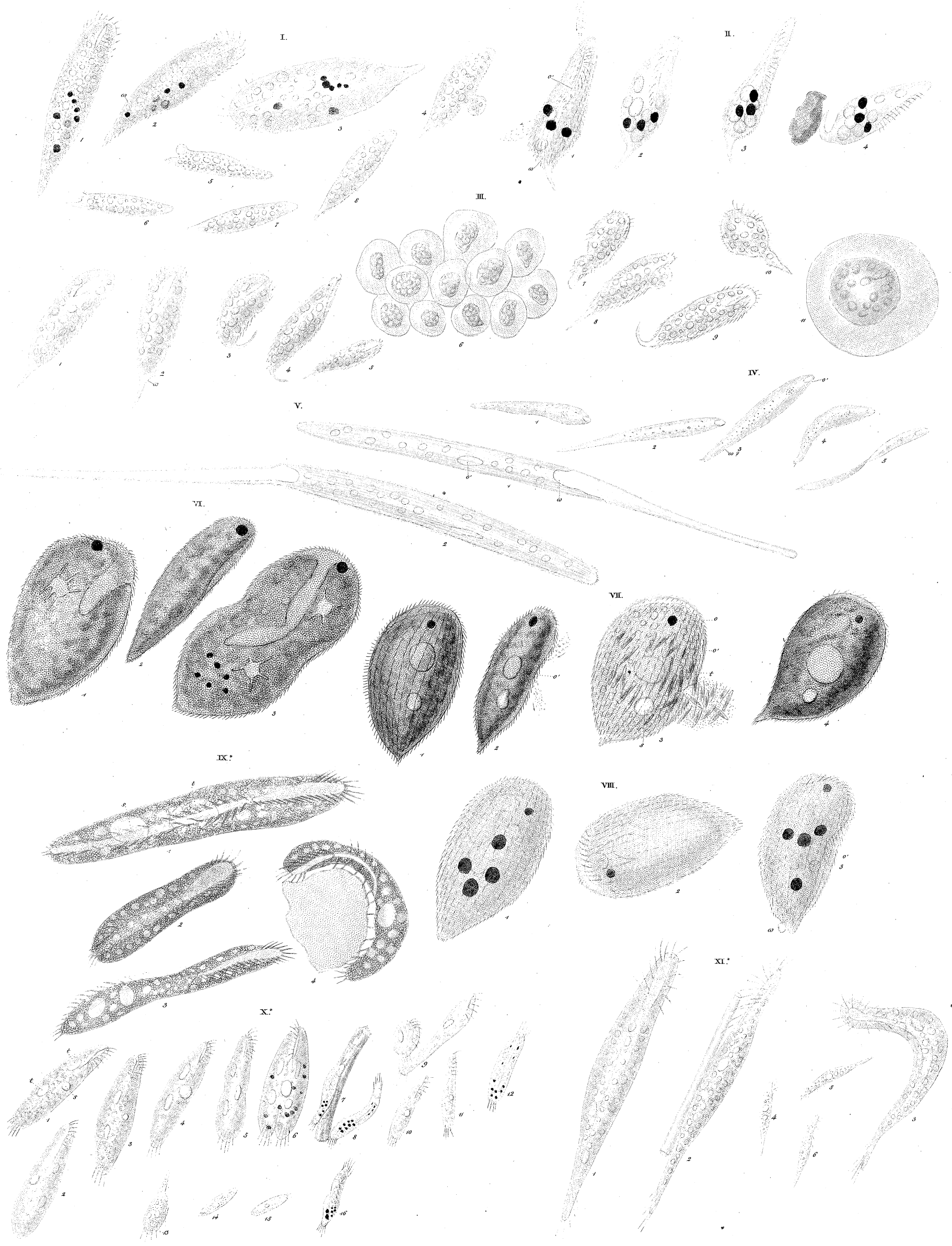
VII. *T. Olor* 1/6. VIII. *T. viridis* 1/6. IX. *T. biceps* 1/6.



I. II. ASPIDISCA. III-V. KOLPODA. VI. XIII. PARAMECIUM.

I. A. *Ignecus* 1/48. II. A. *denticulata* 1/48. III. K. *Ren* 1/24. IV. K. *Cucullio* 1/75. V. K. *Cucullus* 1/24. VI. P. *Aurelia* 1/60. VII. P. *caudatum* 1/60. VIII. P. *Chrysalis* 1/60.

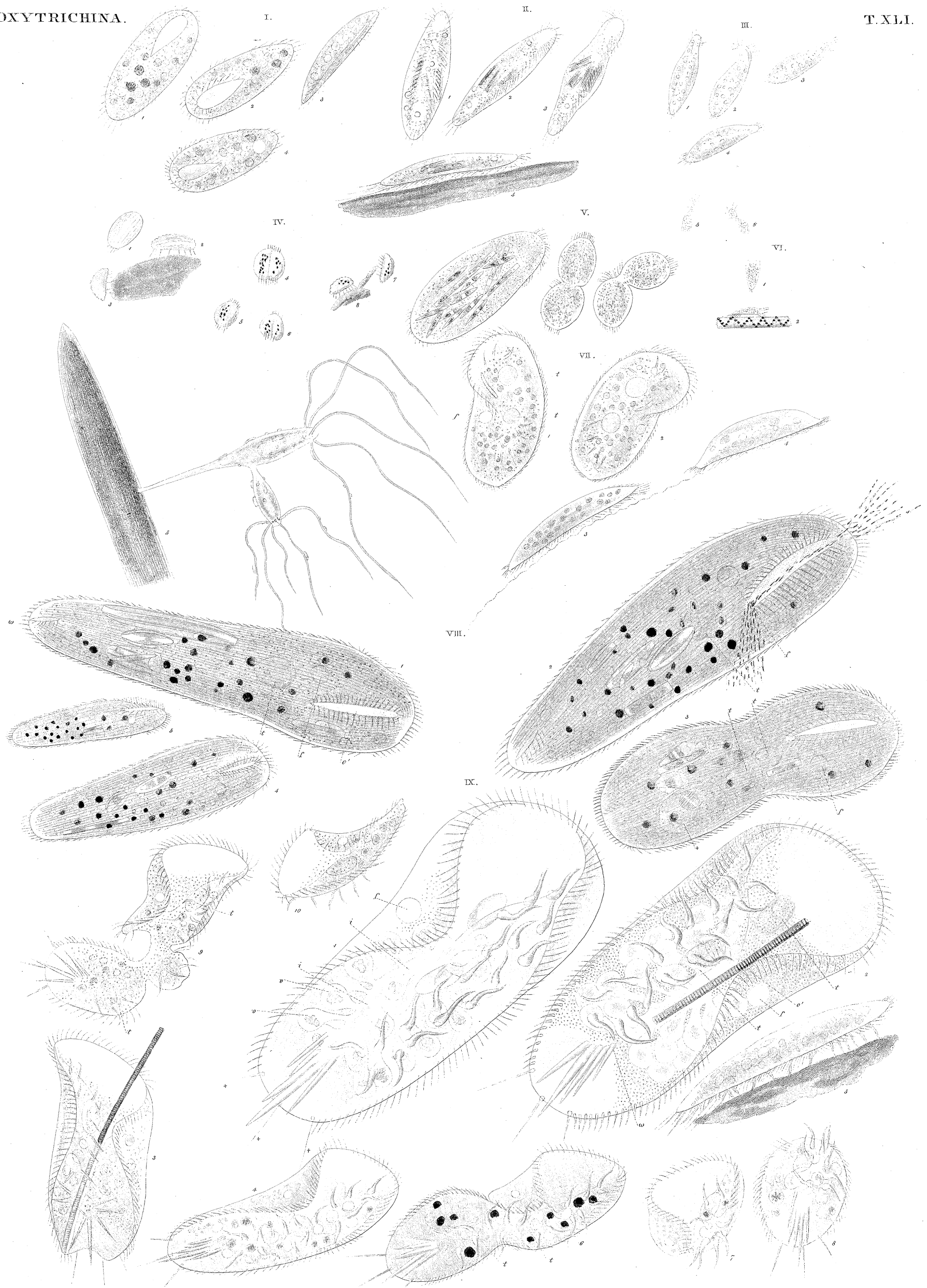
IX. P. *Kolpoda* 1/20. X. P. *sinaiticum* 1/24. XI. P. *ovatum* 1/24. XII. P. *compressum* 1/60. XIII. P. *Milium* 1/60.



I-V. UROLEPTUS. VI-VIII. OPHRYOGLENA. IX-XI. OXYTRICHA.

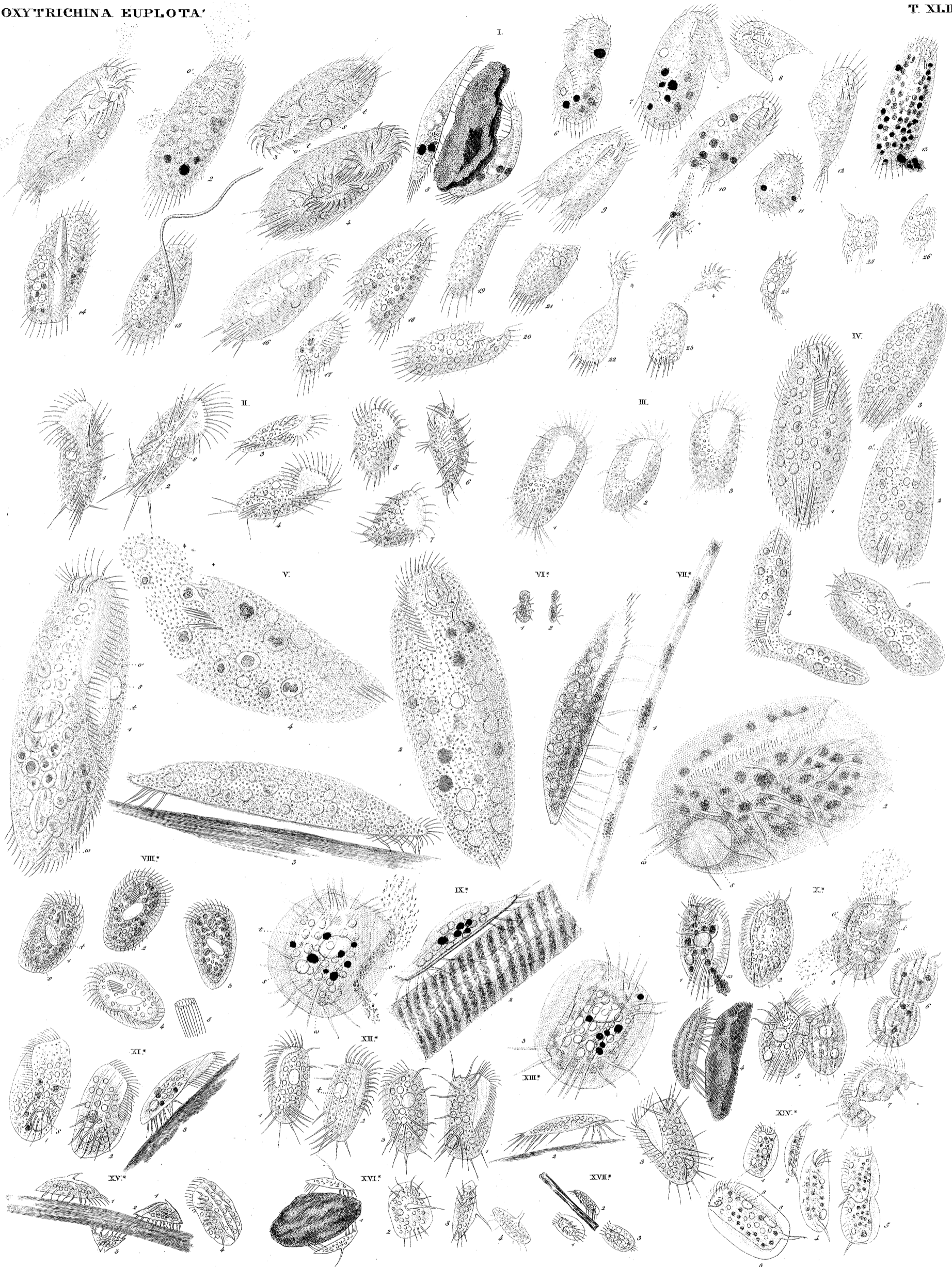
I. *U. Piscis* 1/2". II. *U. Musculus* 1/16". III. *U. Hospes* 1/80". IV. *U. Lamella* 1/6". V. *U. Filam.* 1/4". VI. *O. atra* 1/15". VII. *O. acuminata* 1/16". VIII. *O. flavicans* 1/12".

IX. *O. rubra* 1/10". X. *O. Pellionella* 1/24". XI. *O. caudata* 1/10".



I-V. OXYTRICHA. VI. CERATIDIUM. VII. KERONA. VIII. UROSTYLA. IX. STYLONYCHIA.

I. *O. curvifloma* - $\frac{1}{30}$ " II. *O. gibba* - $\frac{1}{30}$ " III. *O. Pullalteri* - $\frac{1}{36}$ " IV. *O. Cicada* - $\frac{1}{72}$ " V. *O. Lepus* - $\frac{1}{8}$ " VI. *C. cunctum* - $\frac{1}{36}$ " VII. *K. Polyporum* - $\frac{1}{12}$ " VIII. *U. grandis* - $\frac{1}{8}$ " IX. *ST. Mytilus* - $\frac{1}{8}$ "

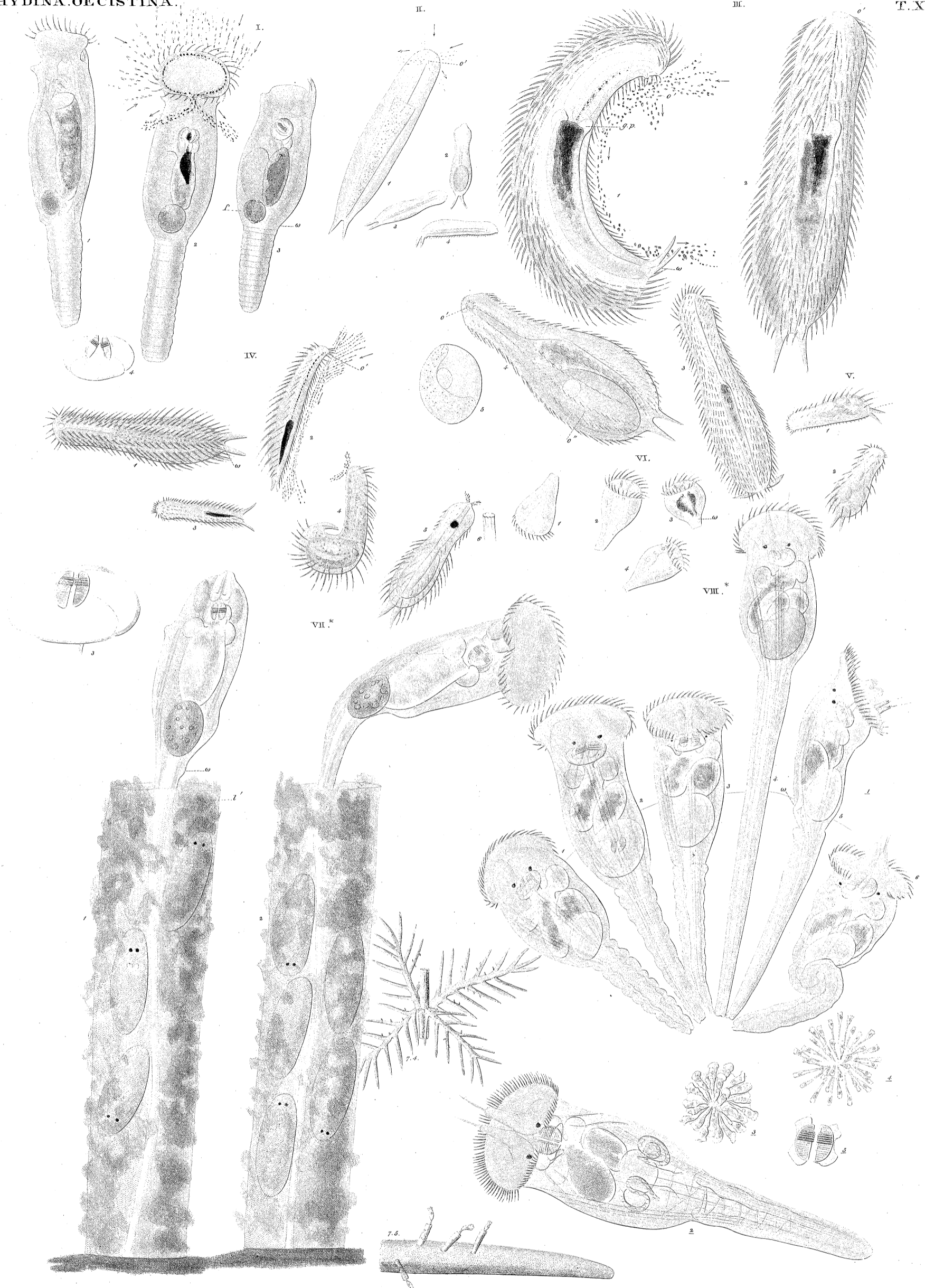


I-V. STYLONYCHIA. VI. DISCOCEPHALUS. VII. HIMANTOPUS. VIII. CHLAMIDODON. IX. XVII. EUPLOTES.

I. ST. pustulata 1/32. II. ST. Silarus 1/64. III. ST. appendiculata 1/24. IV. ST. Histrio 1/64. V. ST. lanceolata 1/64. VI. D. rotatorius 1/32. VII. H. Charon 1/64. VIII. CH. Mnemosyne 1/20.

IX. E. Patella 1/32. X. E. Charon 1/24. XI. E. striatus 1/40. XII. E. appendiculatus 1/20. XIII. E. truncatus 1/40. XIV. E. monostylus 1/24.

XV. E. aculeatus 1/64. XVI. E. turritus 1/64. XVII. E. limax 1/24.

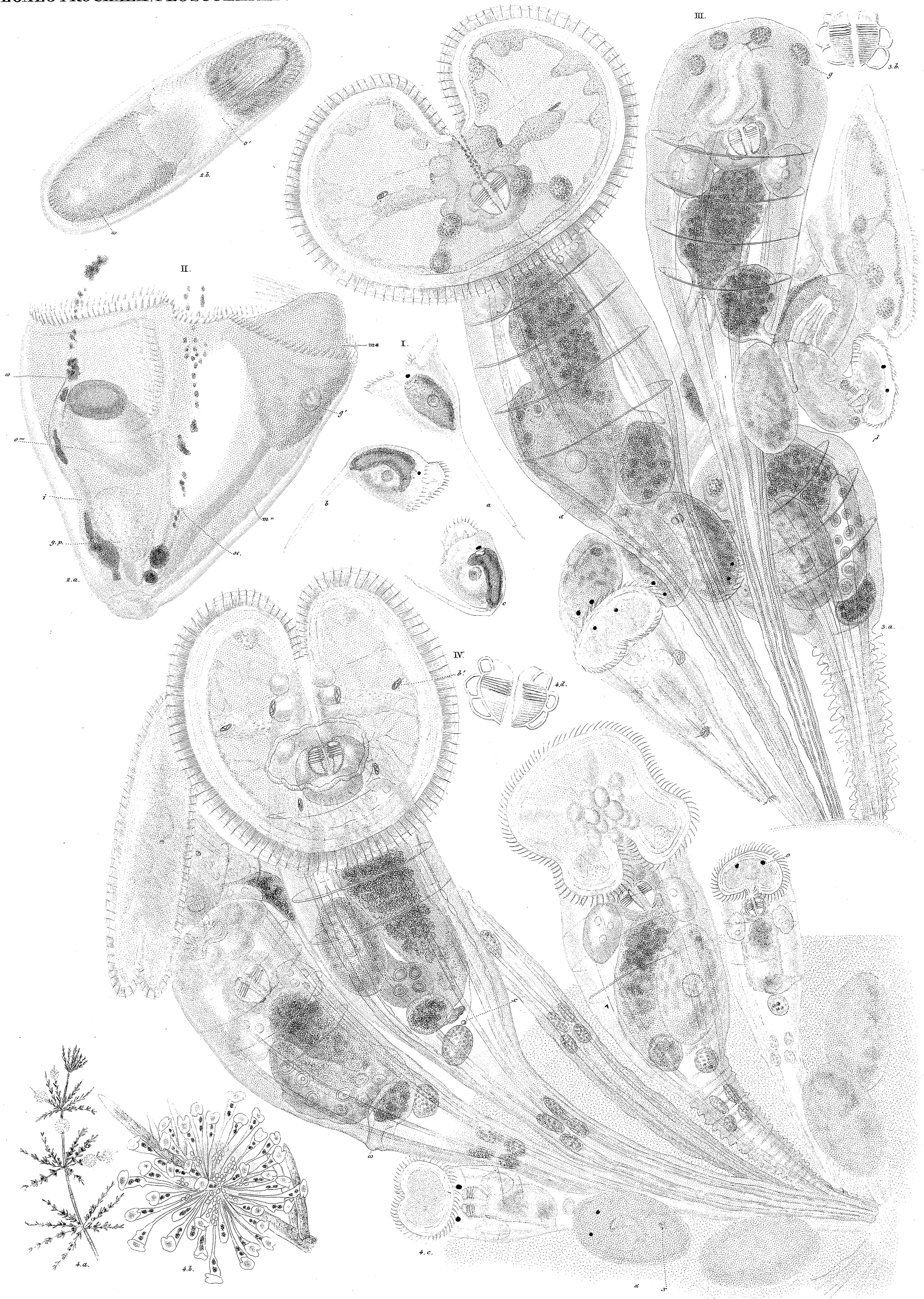


I. PTYGURA. II. ICHTHYDIUM. III. V. CHAETONOTUS. VI. GLENOPHORA.
 VII.* OECISTES. VIII.* CONOCHILUS.

I. PT. Melicerta - 1/12". II. I. Podura - 1/12". III. CH. maximus - 1/10". IV. CH. Larus - 1/18". V. CH. brevis - 1/36". VI. G. Trochus - 1/18". VII.* OE. hyalinus - 1/12". VIII.* C. Volvox - 1/8".

gen. n. Ehrenberg.

gest. v. C. Haas.



I. MICROCODON. II. CYPHONAUTES. III. MEGALOTROCHA. IV. LACINULARIA.

I. *M. Clavus* $\frac{1}{6}$ " II. *C. compressus* $\frac{1}{8}$ " III. *M. flavicans* $\frac{1}{8}$ " IV. *L. socialis* $\frac{1}{8}$ "

gez. v. Ehrenberg.

gest. v. Weber.

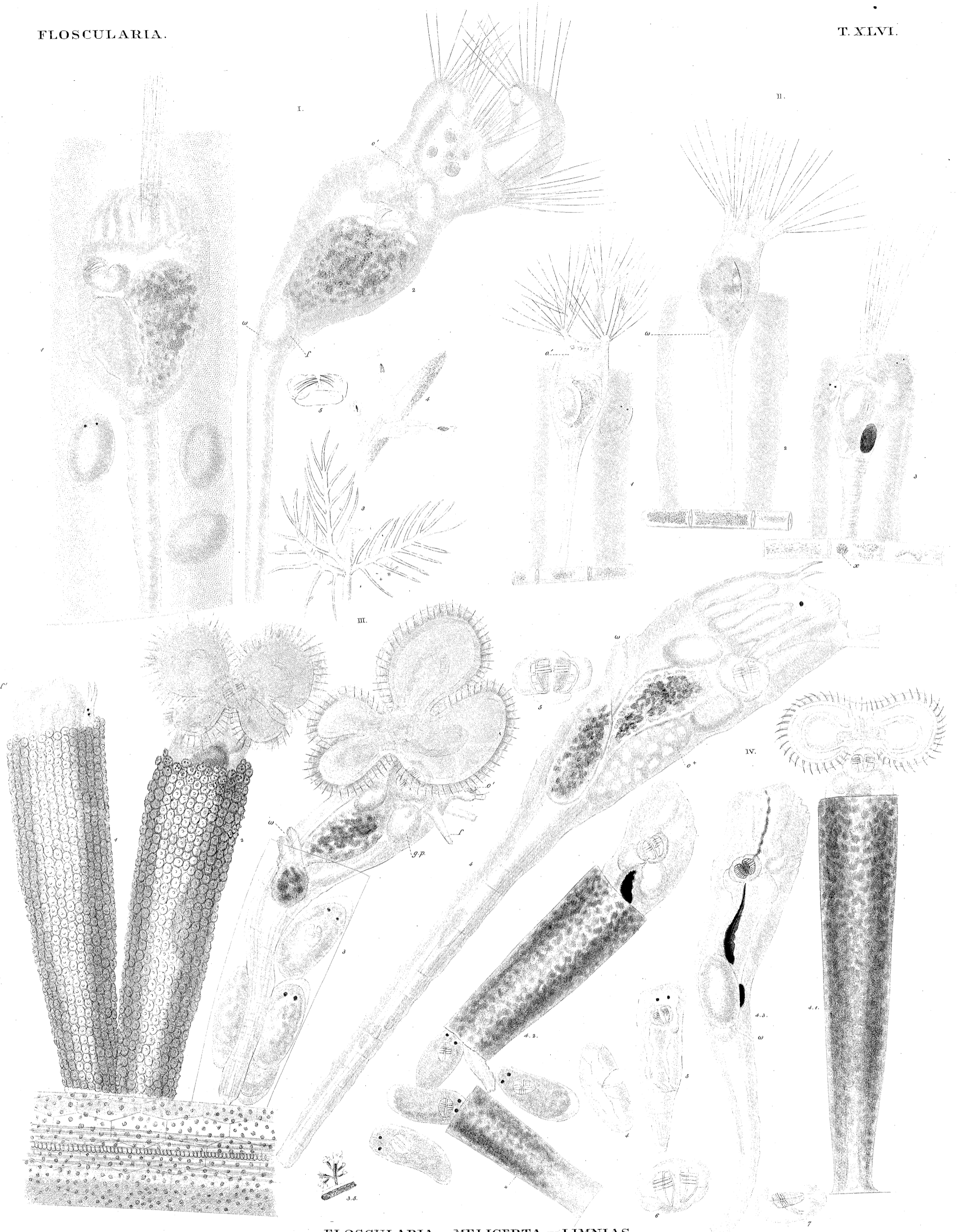


I. TUBICOLARIA. II. STEPHANOCEROS.

I. T. Najas - 1/3". II. ST. Eichhornii - 1/3".

gez. o. Ehrenberg.

gez. v. C.F. Weber.



I. II. FLOSCULARIA. III. MELICERTA. IV. LIMNIAS.

I. *F. proboscidea* - 2/3" II. *F. ornata* - 1/3" III. *M. ringens* - 1/3" IV. *L. Ceratophylli* - 2/3"

gez. o. Ehrenberg.

gest. v. C.F. Weber.

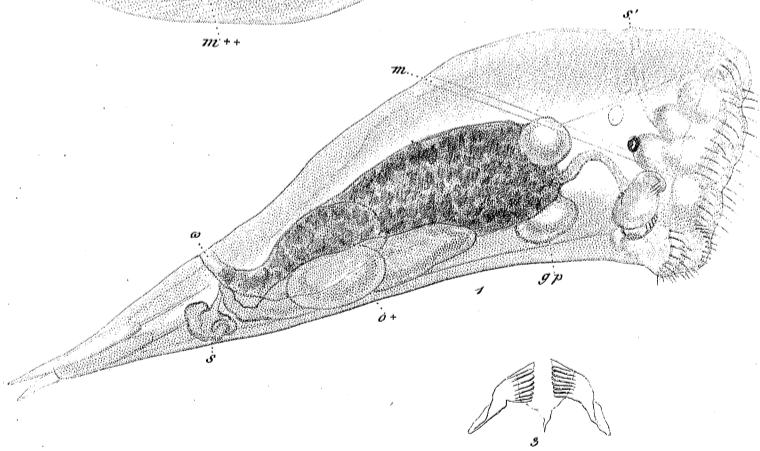
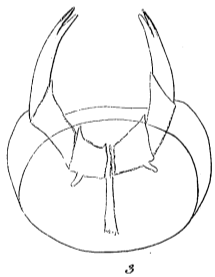
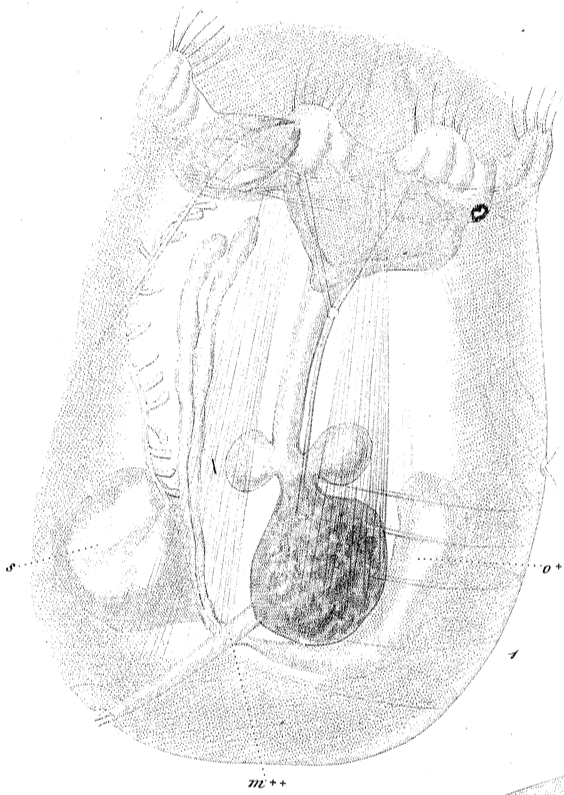
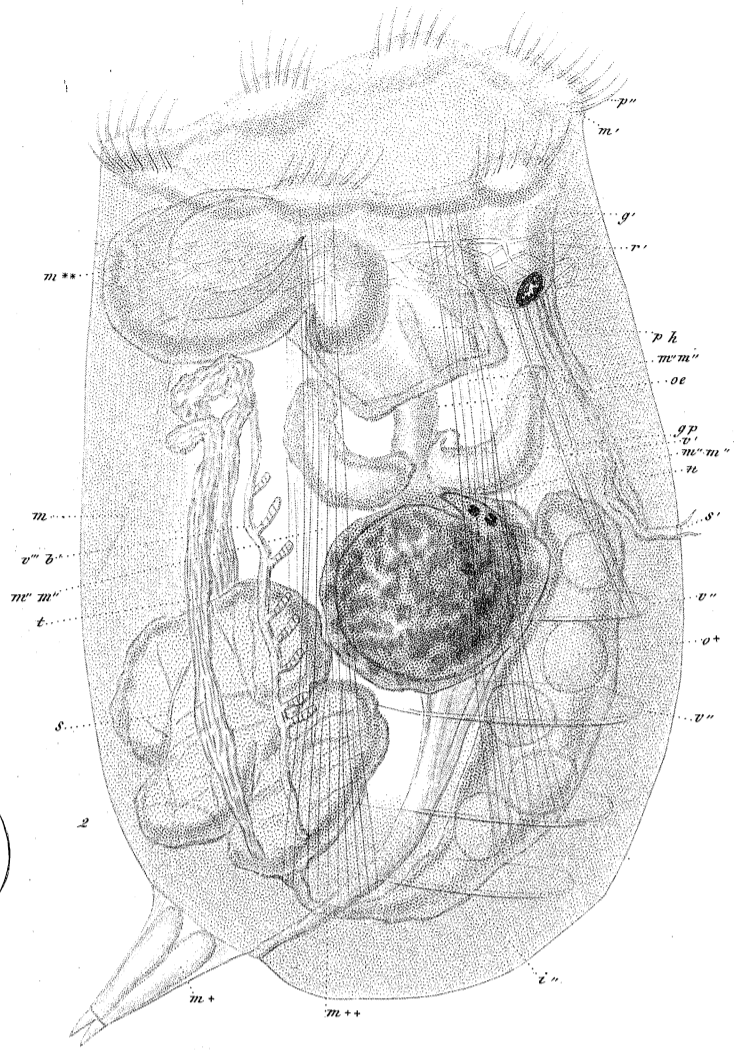
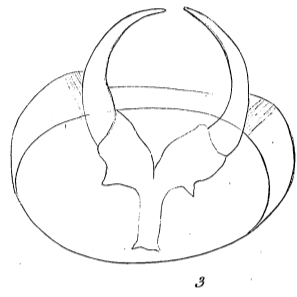
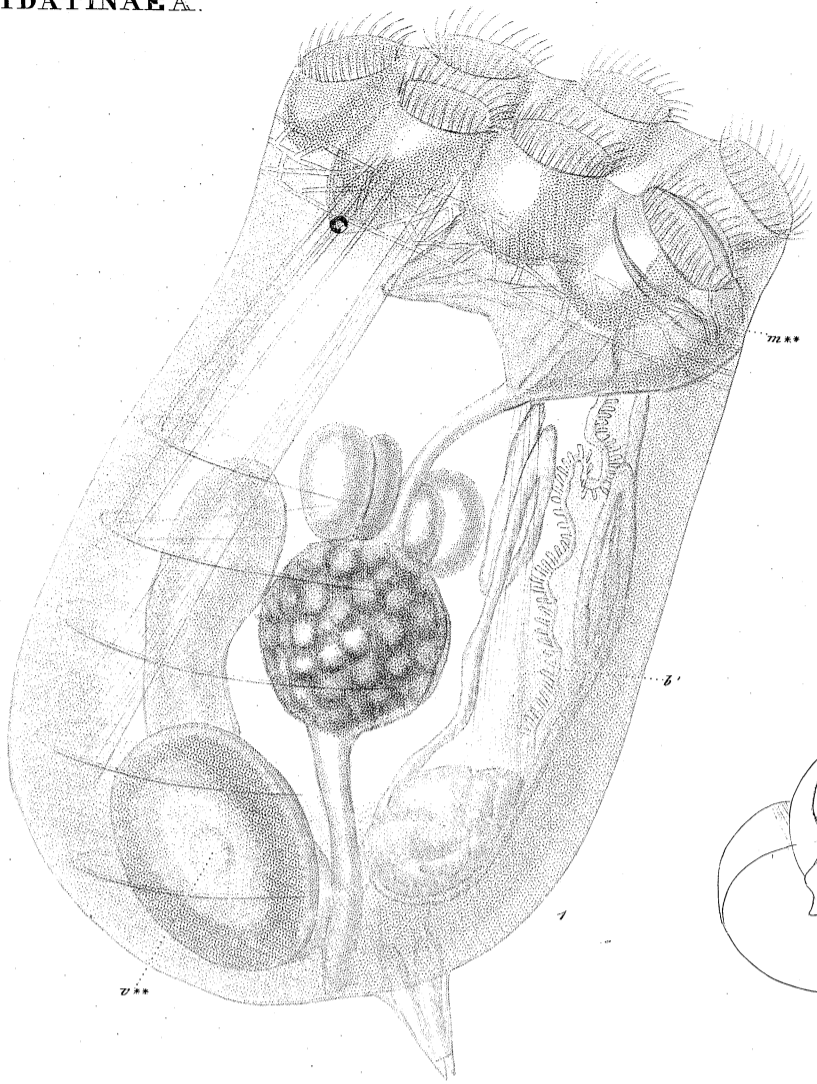
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I. ENTEROPLEA. II. HYDATINA. III. PLEUROTROCHA. IV. PLEUROTROCHA.

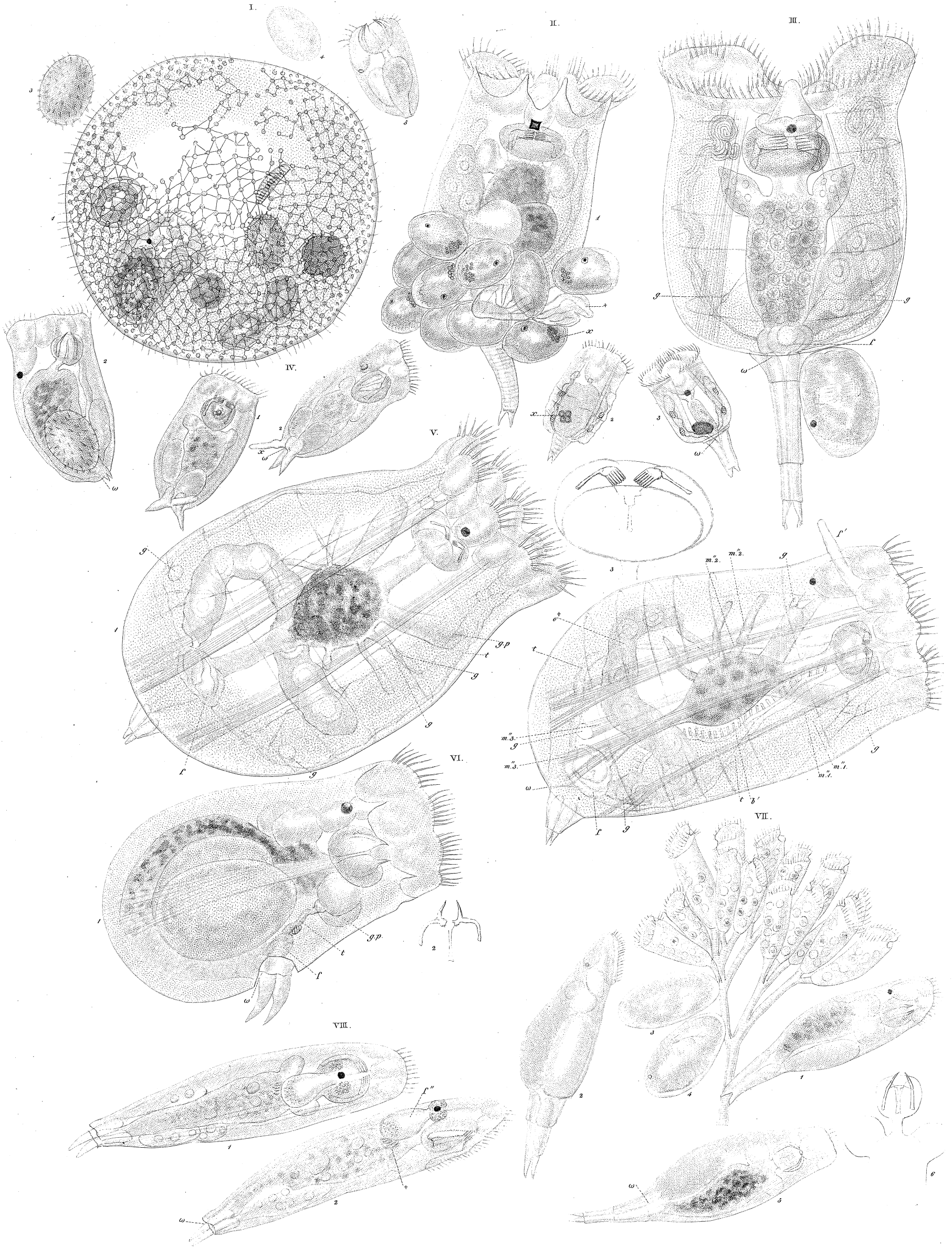
I. E. Hydatina - 1/10" II. H. lenta - 1/4" III. H. brachydactyla - 1/2" IV. P. gibba - 1/8"





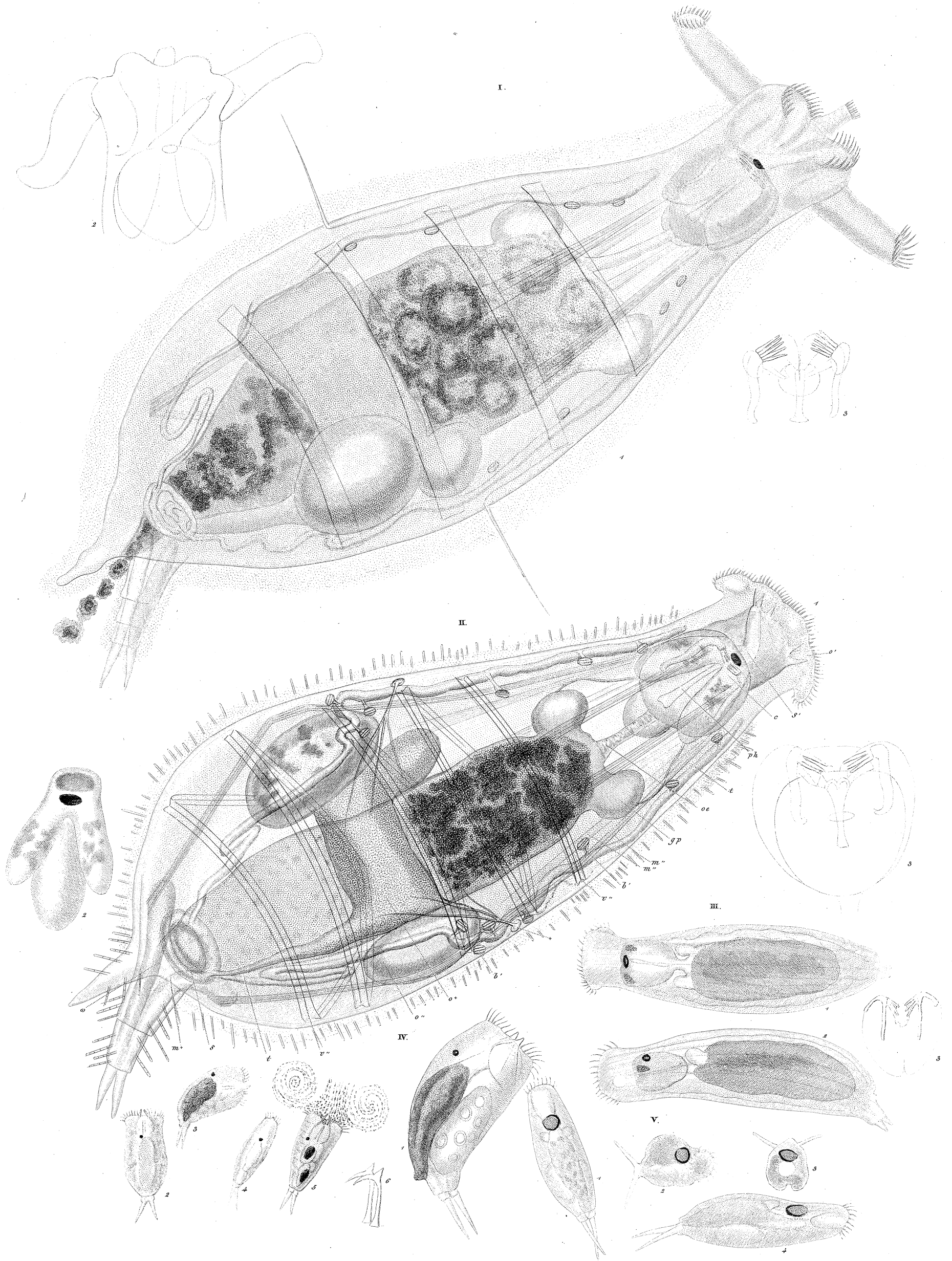
NOTOMMATA.

I. *N. Myrmeleo* 1/8. II. *N. Syrinx* 1/8. III. *N. Tuba* 1/4.



NOTOMMATA.

I. *N. Paralita* - $\frac{1}{2}$ " II. *N. granularis* - $\frac{1}{2}$ " III. *N. Brachionus* - $\frac{1}{3}$ " IV. *N. Tripus* - $\frac{1}{18}$ " V. *N. clavata* - $\frac{1}{18}$ " VI. *N. hiptopus* - $\frac{1}{8}$ " VII. *N. Petromyzon* - $\frac{1}{18}$ " VIII. *N. succigera* - $\frac{1}{12}$ "

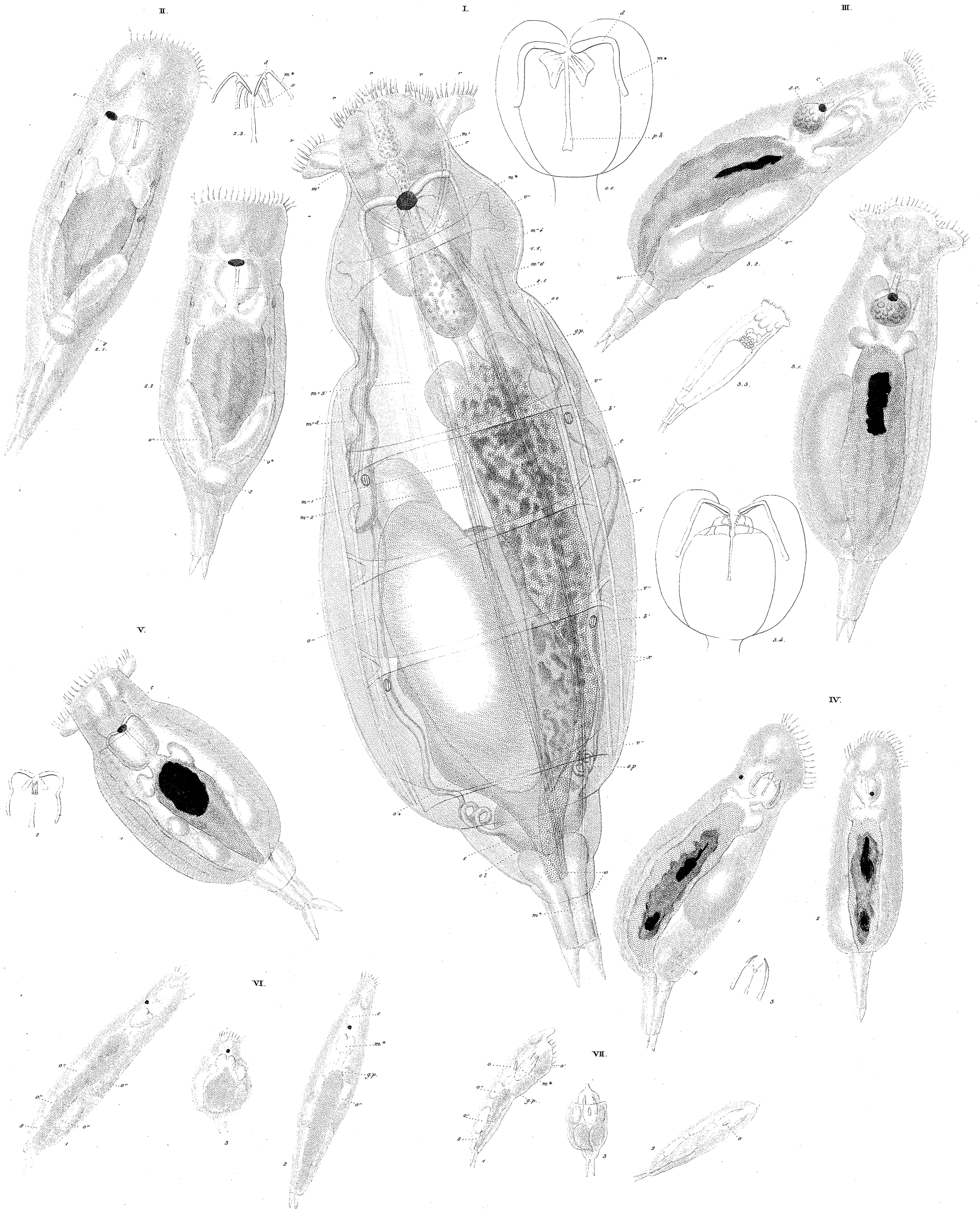


NOTOMMATA.

I. *N. Copeus*. $\frac{1}{3}$ II. *N. centrura*. $\frac{1}{3}$ III. *N. brachyota*. $\frac{1}{60}$ IV. *N. laciniata*. $\frac{1}{2}$ V. *N. forcipata*. $\frac{1}{45}$

gez. v. Ehrenberg.

gest. v. C. B. Weber.



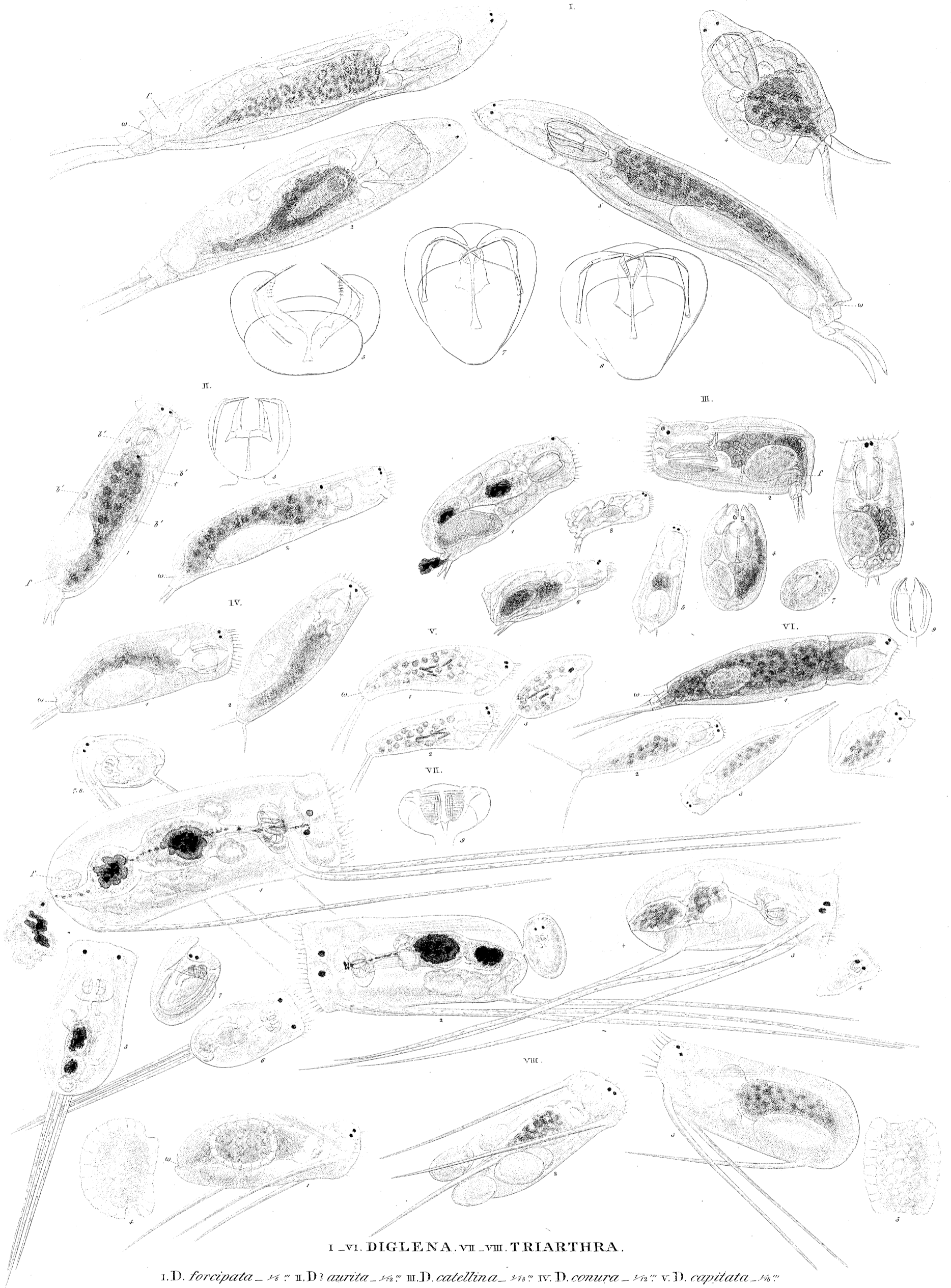
NOTOMMATA.

I. *N. collaris* 3/4. II. *N. Nojas* 3/4. III. *N. aurita* 3/4. IV. *N. gibba* 3/4. V. *N. ansata* 3/4. VI. *N. decipiens* 3/4. VII. *N. Felis* 3/4.



I.-III. NOTOMMATA IV.-VII. SYNCHAETA.

I. *N. Tigris* - 1/60". II. *N. longiceta* - 1/8". III. *N. aequalis* - 1/60". IV. *S. pectinata* - 1/60". V. *S. balti*,
ca. - 1/60". VI. *S. oblonga* - 1/8". VII. *S. tremula* - 1/60".



I - VI. DIGLENA. VII - VIII. TRIARTHRA.

I. *D. forcipata* - $\frac{1}{8}$ " II. *D. aurita* - $\frac{1}{2}$ " III. *D. catellina* - $\frac{1}{18}$ " IV. *D. conura* - $\frac{1}{12}$ " V. *D. capitata* - $\frac{1}{8}$ "
 VI. *D. caudata* - $\frac{1}{10}$ " VII. *T. longilata* - $\frac{1}{4}$ " VIII. *T. mystacina* - $\frac{1}{12}$ "

Wm. H. Murray

Spal. C. E. Miller



I. RATTULUS. II-V. DISTEMMA. VI. TRIOPHTHALMUS. VII-IX. EOSPHORA.
 X-XI. CYCLOGLENA. XII-XIII. THEORUS.

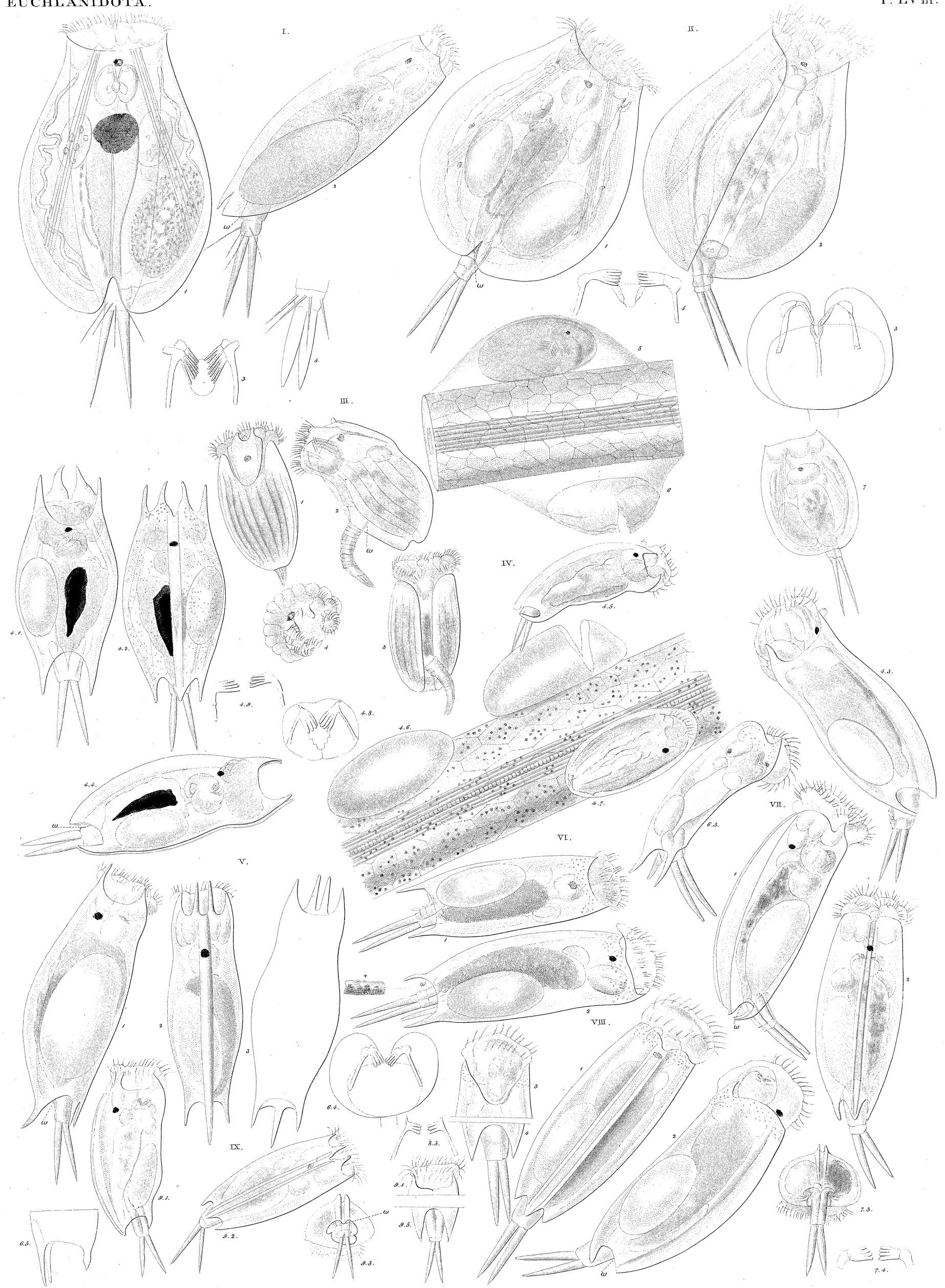
I. *R. lunaris* - 1/24" II. *D. Forficula* - 1/10" III. *D. setigerum* - 1/16" IV. *D. marinum* - 1/12" V. *D. forcipatum* - 1/20" VI. *T. dorsualis* - 1/8" VII. *E. Najas* - 1/8" VIII. *E. digitata* - 1/8" IX. *E. elongata* - 1/8" X. *C. Lupus* - 1/10" XI. *C. ? elegans* - 1/16" XII. *TH. vernalis* - 1/60" XIII. *TH. uncinatus* - 1/20"



I. III. LEPADELLA. IV. VI. MONOSTYLA. VII. MASTIGOCERCA. VIII. X. EUCHLANIS.

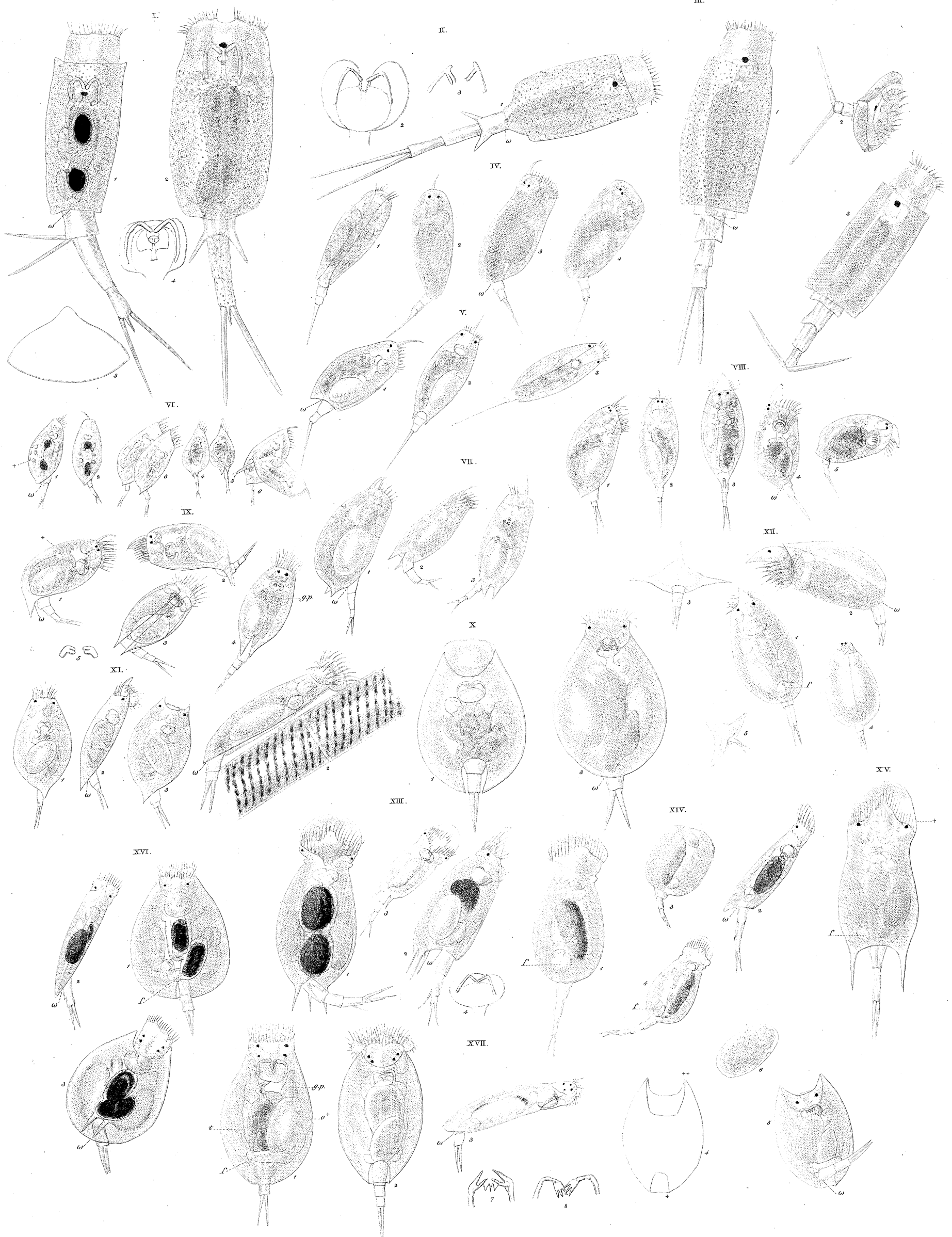
I. *L. ovalis* 3/50. II. *L. emarginata* 3/50. III. *L. ? Salpina* 3/50. IV. *M. cornuta* 1/50. V. *M. quadridentata* 1/50. VI. *M. lunaris* 1/50. VII. *M. carinata* 1/50.

VIII. *E. triquetra* 1/4. IX. *E. Hornemanni* 1/50. X. *E. Luna* 1/50.



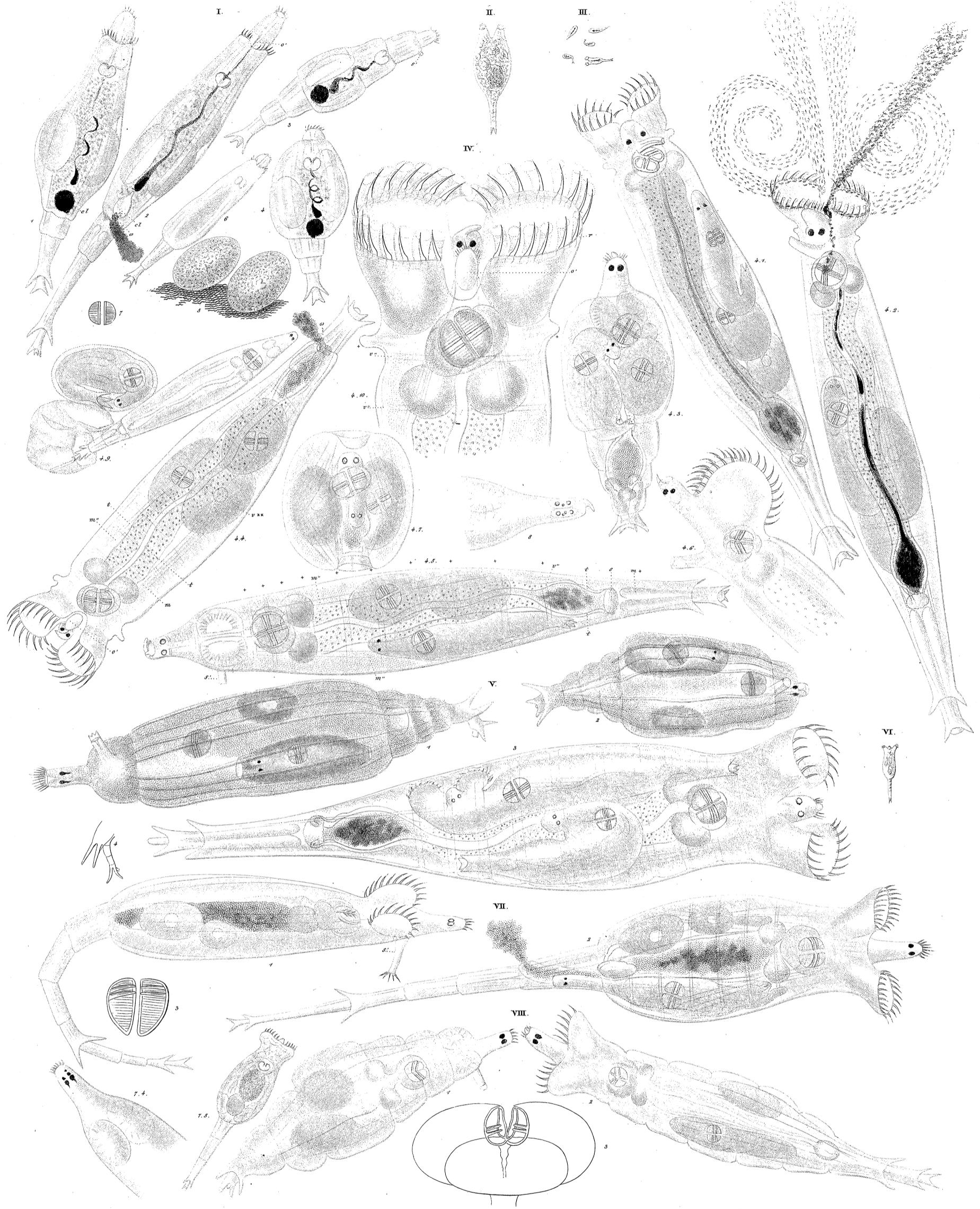
I-III. EUCHLANIS. IV-IX. SALPINA.

I. *E. macrura* - 1/8". II. *E. dilatata* - 1/8". III. *E. Lynceus* - 1/18". IV. *S. mucronata* - 1/12". V. *S. spinigera* - 1/12".
 VI. *S. ventralis* - 1/12". VII. *S. redunca* - 1/12". VIII. *S. brevispina* - 1/12". IX. *S. bicarinata* - 1/18".



I. III. DINOCHARIS. IV. V. MONURA. VI. IX. COLURUS. X. XII. METOPIDIA. XIII. XV. STEPHANOPS. XVI. XVII. SQUAMELLA.

I. *D. tetractis* - $\frac{1}{10}$ " II. *D. tetractis* - $\frac{1}{10}$ " III. *D. paupera* - $\frac{1}{10}$ " IV. *M. Colurus* - $\frac{1}{32}$ " V. *M. dulcis* - $\frac{1}{32}$ " VI. *C. uncina* - $\frac{1}{32}$ " VII. *C. bicuspis* - $\frac{1}{32}$ " VIII. *C. caudatus* - $\frac{1}{32}$ " IX. *C. deflexus* - $\frac{1}{30}$ " X. *M. Lepadella* - $\frac{1}{12}$ " XI. *M. ?* - $\frac{1}{20}$ " XII. *M. ? triptera* - $\frac{1}{12}$ " XIII. *ST. lamellaris* - $\frac{1}{12}$ " XIV. *ST. ? muticus* - $\frac{1}{12}$ " XV. *ST. cirratus* - $\frac{1}{20}$ " XVI. *SQ. Bractea* - $\frac{1}{12}$ " XVII. *SQ. oblonga* - $\frac{1}{16}$ "

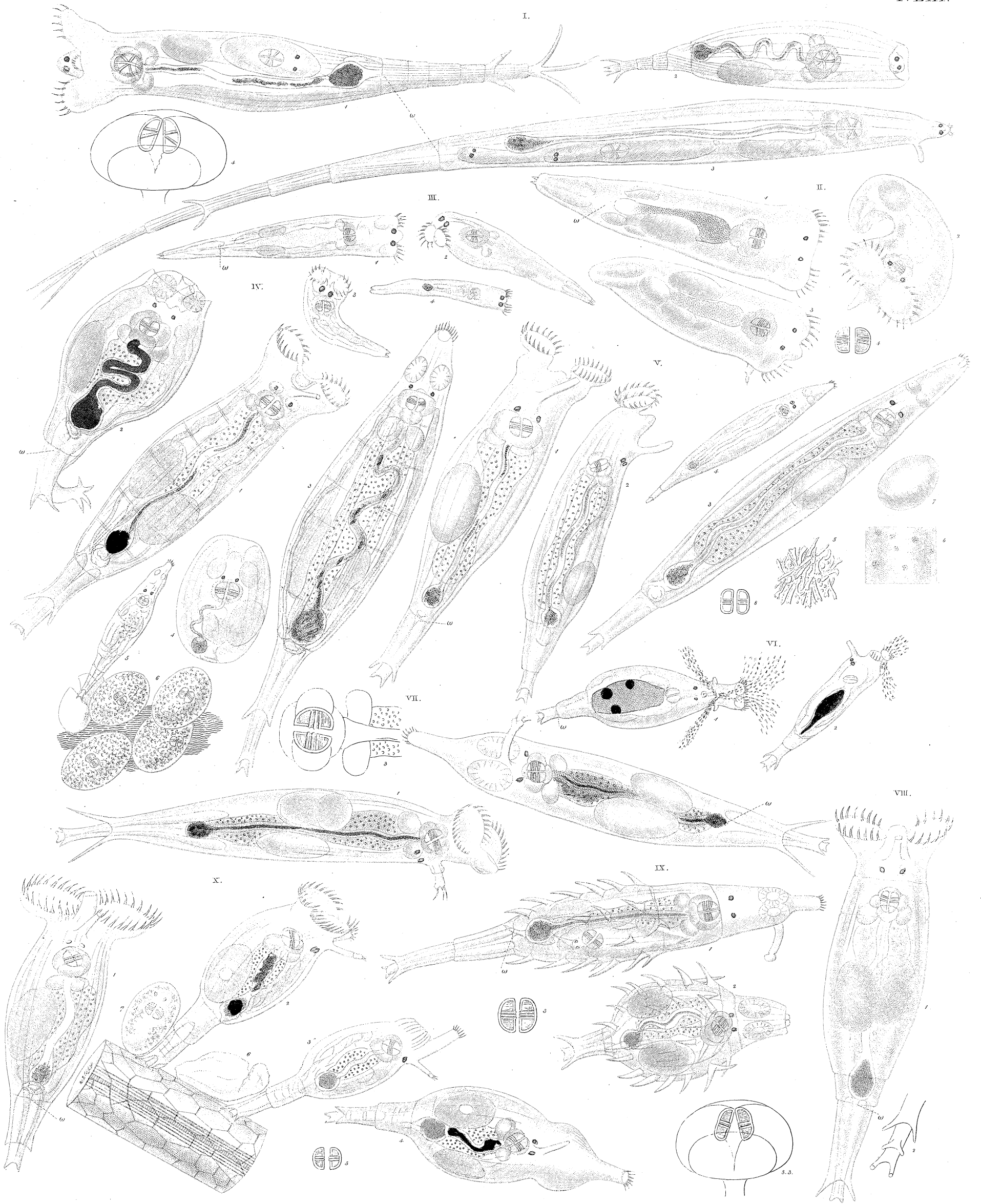


I. CALLIDINA. II. HYDRIAS. III. TYPHLINA. IV-VIII. ROTIFER.

I. *C. degans* $\frac{1}{6}$ ". II. *H. cornigera* $\frac{1}{6}$ ". III. *T. viridis* $\frac{1}{6}$ ". IV. *R. vulgaris* $\frac{1}{2}$ ". V. *R. citrinus* $\frac{1}{2}$ ". VI. *R. erythraeus* $\frac{1}{50}$ ".

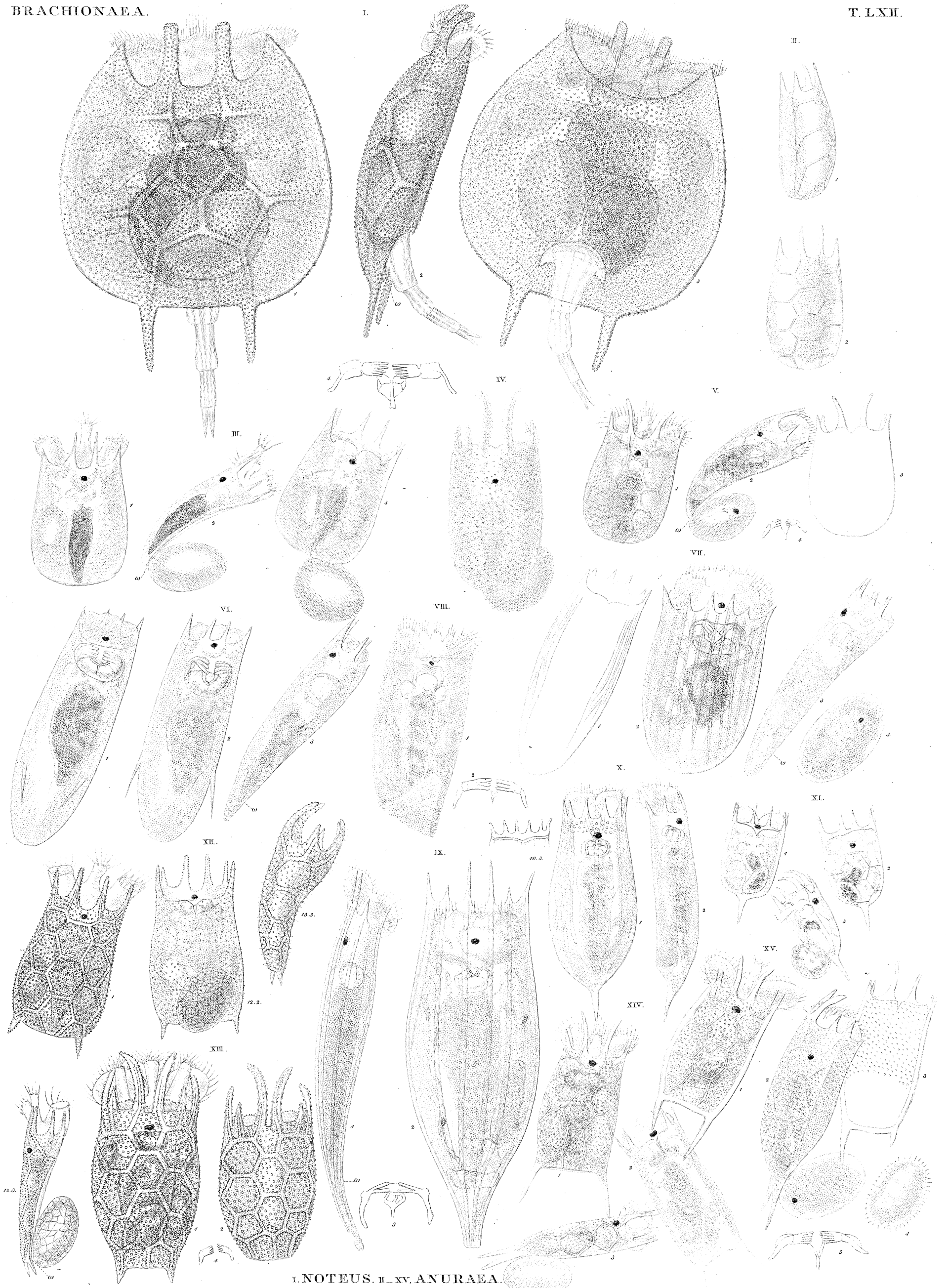
VII. *R. macrurus* $\frac{1}{8}$ ". VIII. *R. tardus* $\frac{1}{6}$ ".





I. ACTINURUS. II-III. MONOLABIS. IV-X. PHILODINA.

I. *A. neptunius* - $\frac{1}{3}$ " II. *M. conica* - $\frac{1}{10}$ " III. *M. gracilis* - $\frac{1}{12}$ " IV. *PH. erythrophthalma* - $\frac{1}{4}$ " V. *PH. rolcola* - $\frac{1}{6}$ " VI. *PH. collaris* - $\frac{1}{10}$ " VII. *PH. macrostyla* - $\frac{1}{6}$ " VIII. *PH. citrina* - $\frac{1}{6}$ " IX. *PH. aculeata* - $\frac{1}{6}$ " X. *PH. megalotrocha* - $\frac{1}{9}$ "



I. NOTEUS. II. XV. ANURAEA.

I. *N. quadricornis* - $\frac{1}{10}$ " II. *A. quadridentata* - $\frac{1}{10}$ " III. *A. Squamula* - $\frac{1}{18}$ " IV. *A. falcata* - $\frac{1}{12}$ " V. *A. curvicornis* - $\frac{1}{18}$ " VI. *A. biremis* - $\frac{1}{10}$ " VII. *A. striata* - $\frac{1}{10}$ " VIII. *A. inermis* - $\frac{1}{12}$ " IX. *A. acuminata* - $\frac{1}{10}$ " X. *A. foliacea* - $\frac{1}{18}$ " XI. *A. stipitata* - $\frac{1}{18}$ " XII. *A. Testudo* - $\frac{1}{18}$ " XIII. *A. serrulata* - $\frac{1}{18}$ " XIV. *A. aculeata* - $\frac{1}{8}$ " XV. *A. valga* - $\frac{1}{18}$ "

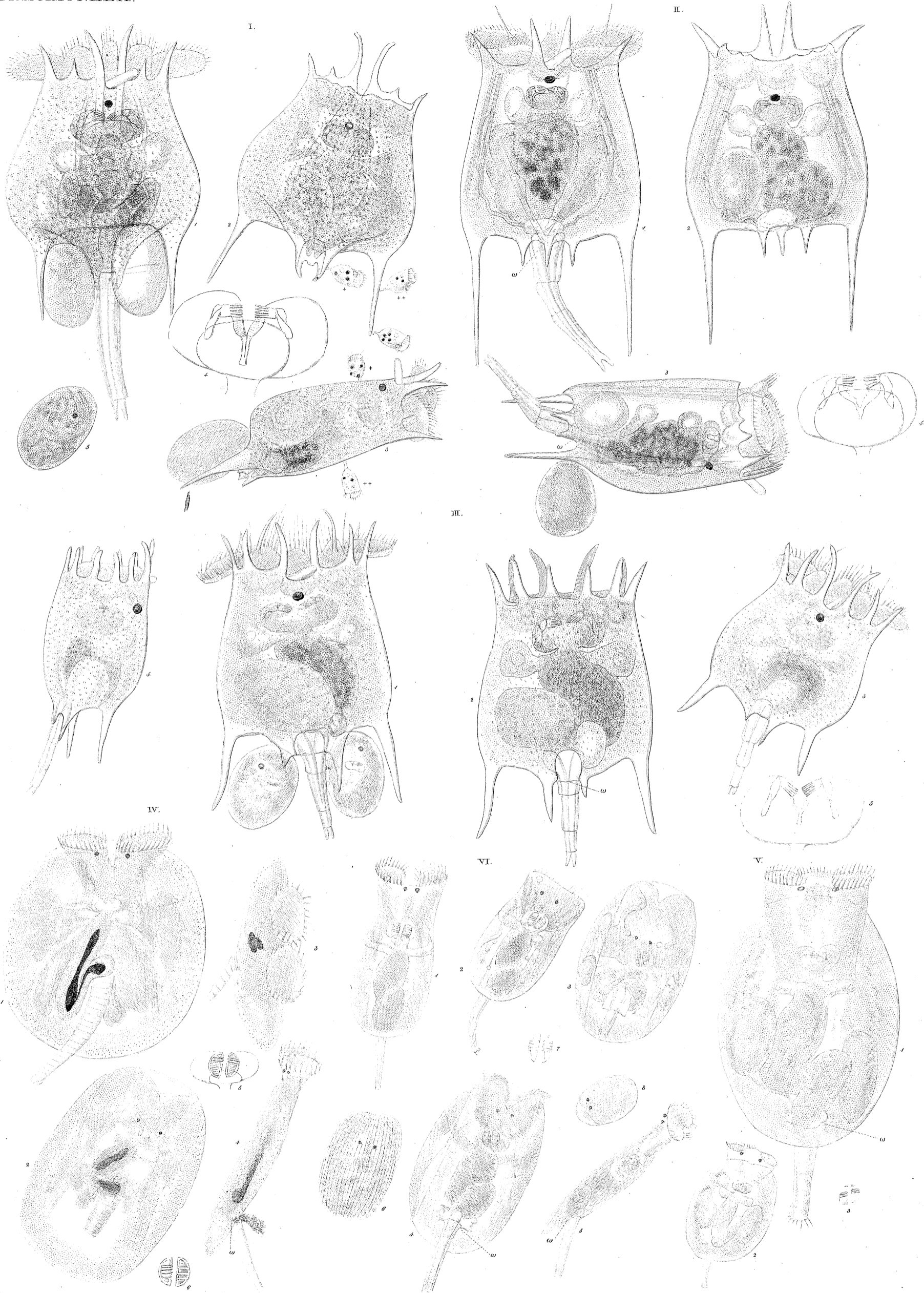
gez. v. Ehrenberg.

gest. v. C.E. Weber.



BRACHIONUS.

I. *B. Pála* - $\frac{1}{32}$ " II. *B. ampiceros* - $\frac{1}{64}$ " III. *B. urceolaris* - $\frac{1}{64}$ " IV. *B. rubens* - $\frac{1}{64}$ " V. *B. Mülleri* - $\frac{1}{32}$ " VI. *B. brevispinus* - $\frac{1}{32}$ "



I-III. BRACHIONUS. IV-VI. PTERODINA.

I. *B. Bakeri* - $\frac{1}{100}$ " II. *B. polyacanthus* - $\frac{1}{8}$ " III. *B. militaris* - $\frac{1}{100}$ " IV. *PT. Patina* - $\frac{1}{100}$ " V. *PT. elliptica* - $\frac{1}{8}$ " VI. *PT. clypeata* - $\frac{1}{12}$ "

gca. v. Ehrenberg.

gest. n. C. H. Weber.

