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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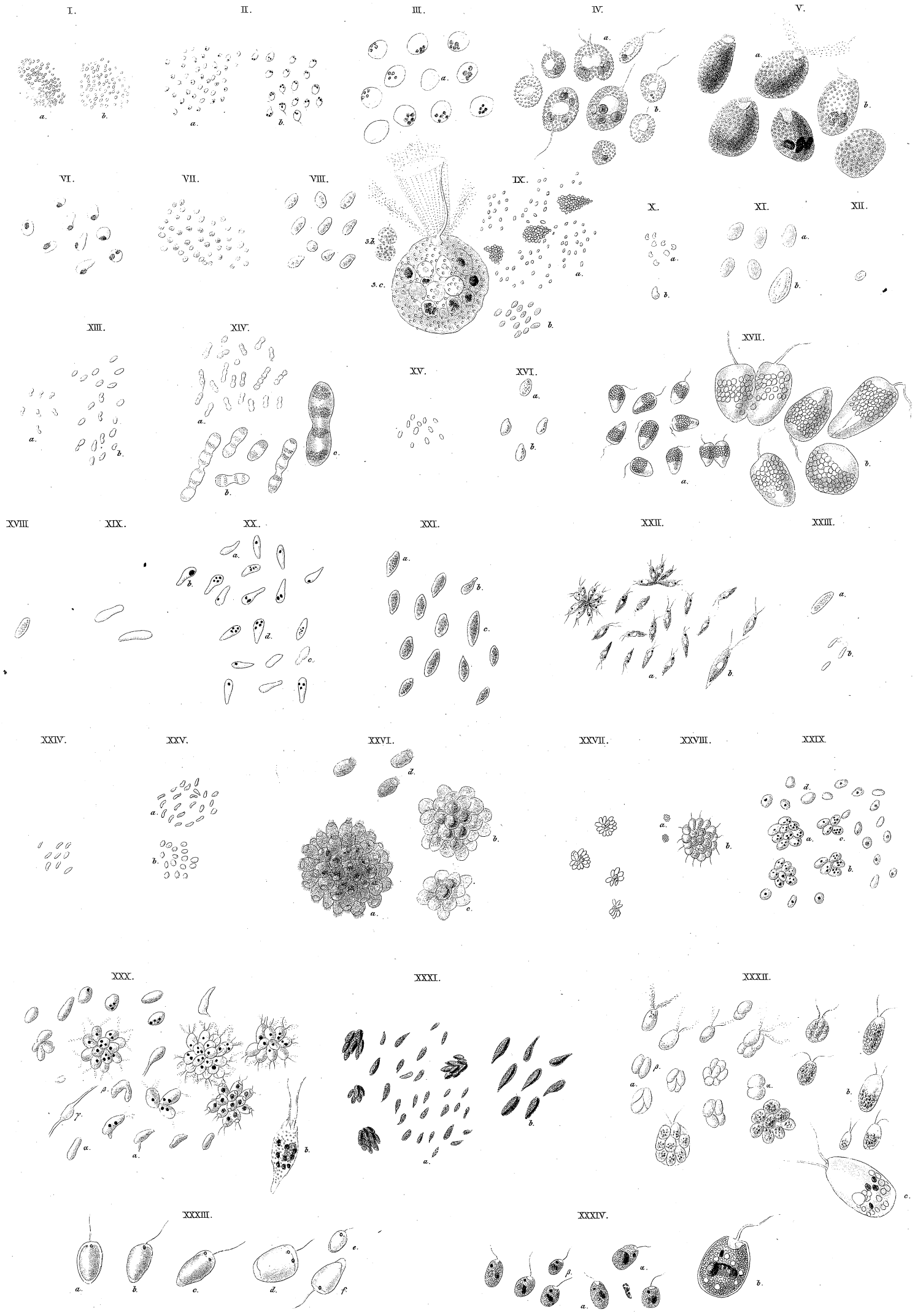
1838.

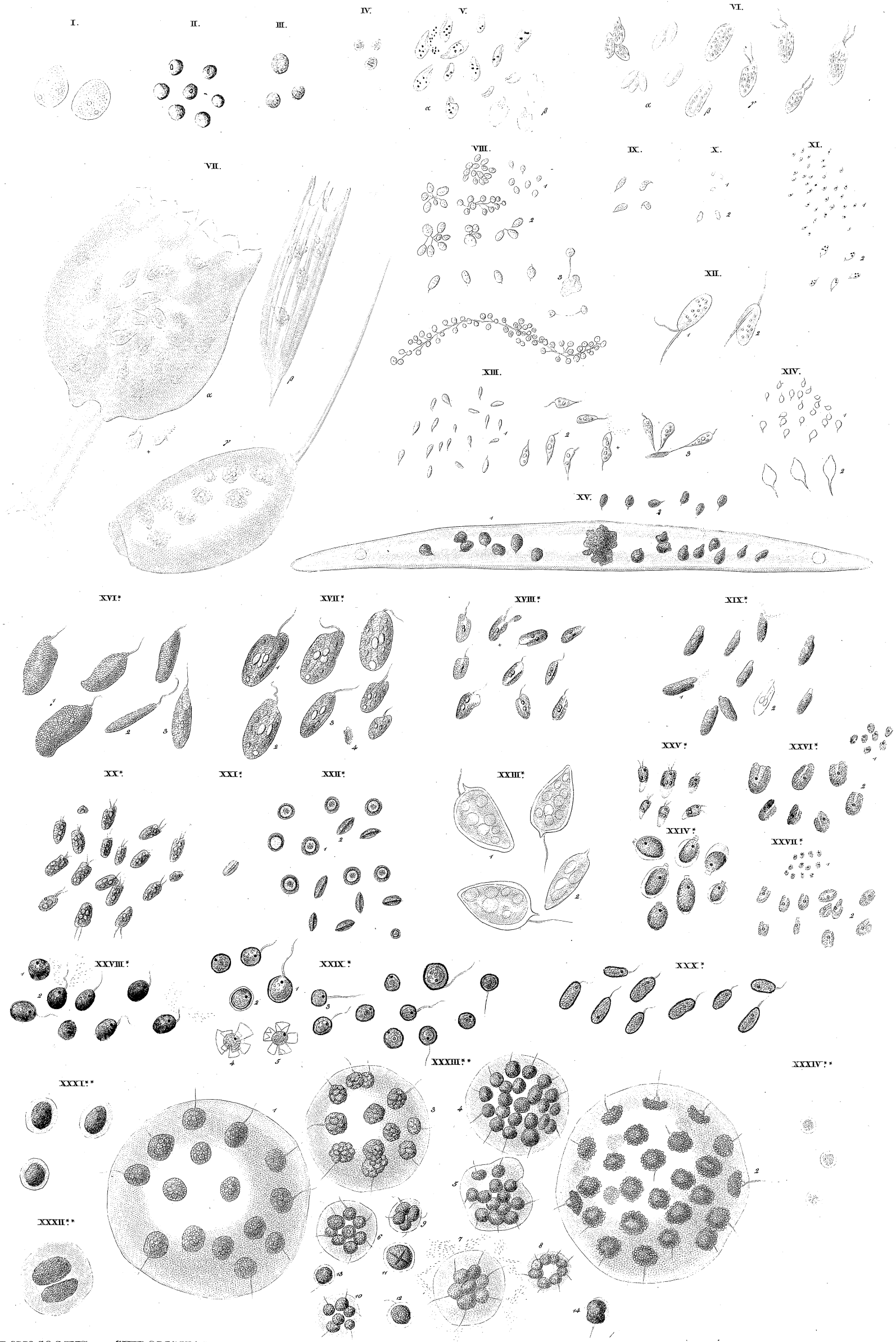
Carl Martin del. et sc.



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

I. M. *Crepusculum* – ½000 – ¼000‴. II. M. *Termo* – ½000 – ⅓00‴. III. M. *Guttula* – ⅛92‴. IV. M. *vivipara* – ⅛96 – ⅛32‴. V. M. *grandis* – ⅛36‴. VI. M. *bicolor* – ¼120‴. VII. M. *ochracea* – ⅓00‴. VIII. M. *erubescens* – ¼144‴. IX. M. *vinosa* – ¼000 – ⅓00‴. X. M. *Kolpoda* – ⅛00‴. XI. M. *Enchelys* – ⅛0‴. XII. M. *Umbra* – ½00‴. XIII. M. *hyalina* – ⅓00 – ⅓84‴. XIV. M. *gliscens* – ⅓84‴. XV. M. *ovalis* – ⅛00‴. XVI. M. *Mica* – ½20‴. XVII. M. *Punctum* – ⅛6‴. XVIII. M. *cylindrica* – ⅛6‴. XIX. M. *deses* – ¼00‴. XX. M. *socialis* – ¼42‴. XXI. M. *flavicans* – ¼44‴. XXII. M. *tingens* – ⅓00 – ¼44‴. XXIII. M. *simplex* – ¼44‴. XXIV. M. *inanis* – ⅓00‴. XXV. M. *scintillans* – ¼80 – ⅓84‴. XXVI. U. *virescens* – ¼68 – ⅛24‴. XXVII. U. *Chamaemorus* – ½240‴. XXVIII. U. *Uva* – ¼400‴. XXIX. U. *Atomus* – ⅛76 – ½288‴. XXX. U. *Glaucoma* – ⅛92 – ¼44‴. XXXI. U. *Bodo* – ⅛36 – ½288‴. XXXII. P. *Uvella* – ⅛92 – ⅛80‴. XXXIII. M. *punctifera* – ⅛96 – ½32‴. XXXIV. M. *monadina* – ½00 – ⅓60‴.

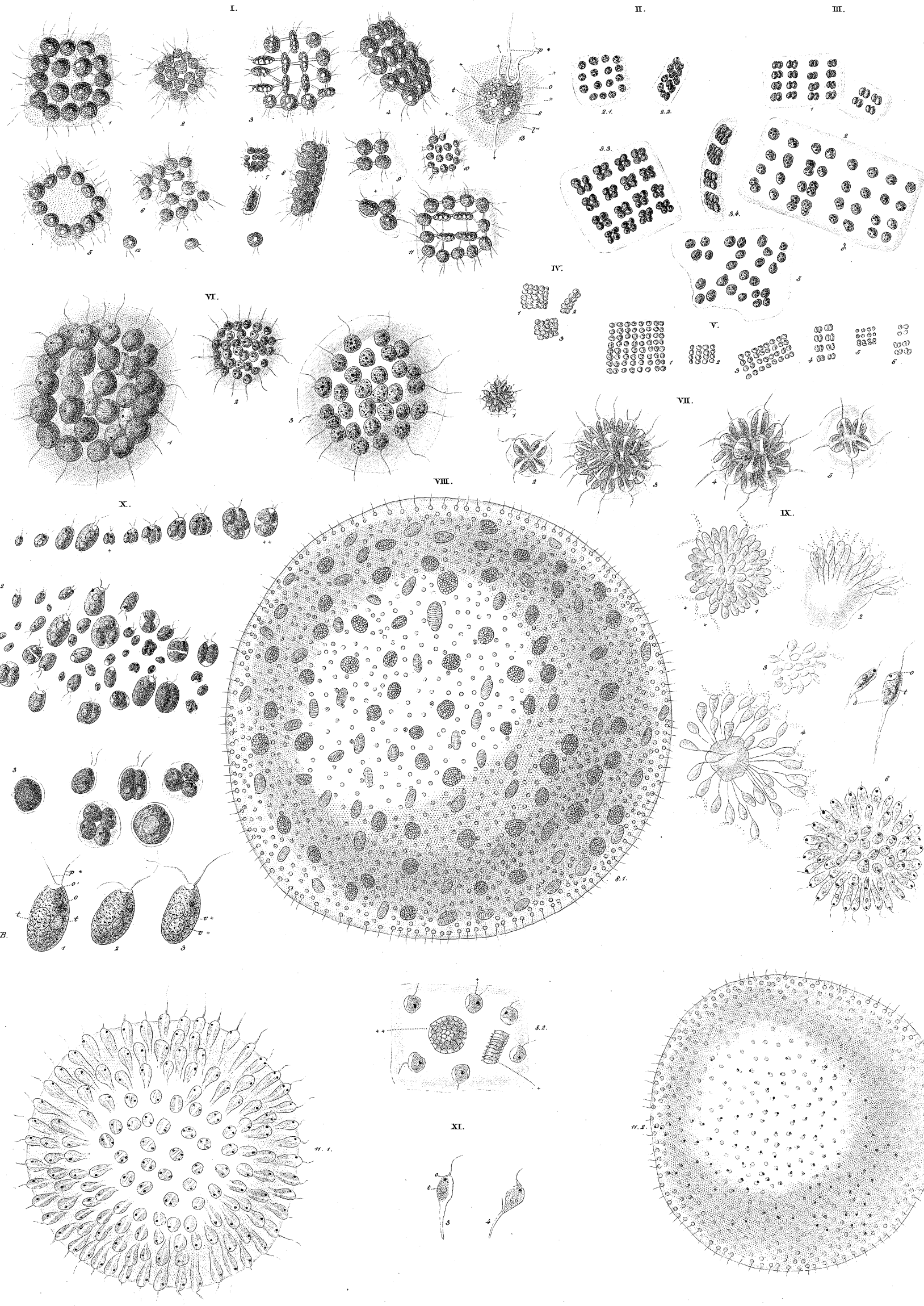
gez. v. Ehrenberg. Prêtre expres.s Berolini. gest. v. Weber.



I. IV. DOXOCOCCUS. V–VII. CHILOMONAS. VIII–XV. BODO. XVI.*–XXII.* CRYPTOMONAS. XXIII.* PROROCENTRUM. XXIV.* LAGENELLA. XXV.*–XXVII.* CRYPTOGLENA. XXVIII.*–XXX.* TRACHELOMONAS. XXXI.*–XXXII.** GYGES. XXXIII – XXXIV.** PANDORINA.

I. D. *Globulus* 1/12‴. II. D. *ruber* 1/144‴. III. D. *Pulvisculus* 1/100‴. IV. D. *inaequalis* 1/200‴. V. C. *Volvox* 1/120‴. VI. C. *Paramecium* 1/85‴. VII. C. *destruens* 1/72‴. VIII. B. *socialis* 1/248‴. IX. B. *vorticellaris* 1/100‴. X. B. *didymus* 1/800‴. XI. B. *saltans* 1/1000‴. XII. B.? *grandis* 1/12‴. XIII. B. *intestinalis* 1/144‴. XIV. B. *Ranarum* 1/120‴. XV. B. *viridis* 1/100‴. XVI. C. *curvata* 1/48‴. XVII. C. *ovata* 1/48‴. XVIII. C. *erosa* 1/120‴. XIX. C. *cylindrica* 1/72‴. XX. C. *glauca* 1/72‴. XXI. C. *fusca* 1/125‴. XXII. C. *lenticularis* 1/144‴. XXIII. P. *micans* 1/36‴. XXIV. L. *euchlora* 1/96‴. XXV. C. *conica* 1/96‴. XXVI. C. *pigra* 1/250‴. XXVII. C. *caerulescens* 1/300‴. XXVIII. T. *nigricans* 1/144‴. XXIX. T. *volvocina* 1/72‴. XXX. T. *cylindrica* 1/84‴. XXXI. G. *Granulum* 1/96‴. XXXII. G. *bipartitus* 1/40‴. XXXIII. P. *Morum* 1/10‴. XXXIV. P. *hyalina* 1/60‴.

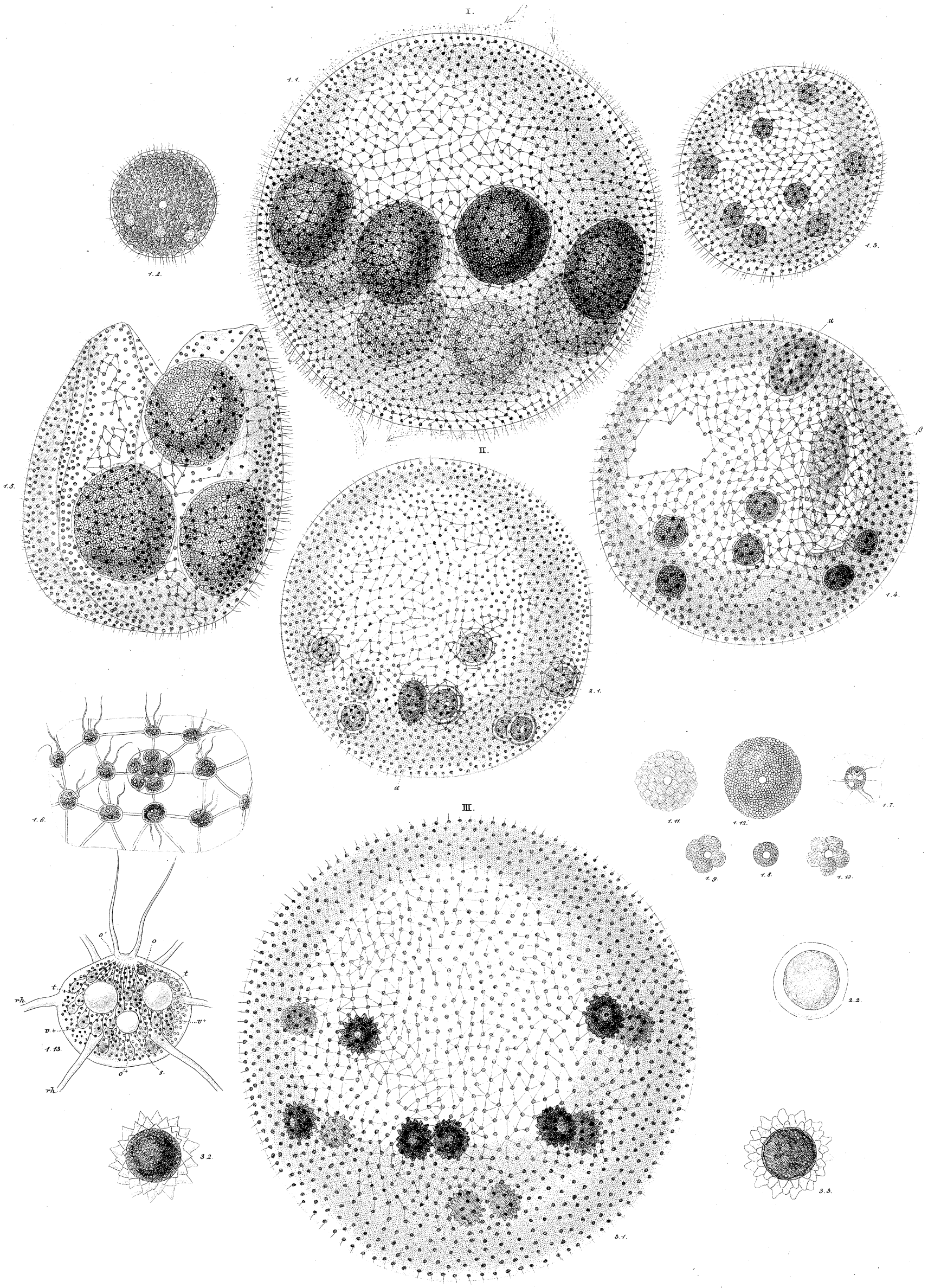
gez. v. Ehrenberg. gest. v. C. E. Weber.



I–V. **GONIUM**. VI. **EUDORINA**. VII. **SYNCRYPTA**. VIII. **SPHAEROSIRA**. IX. **SYNURA**. X. **CHLAMIDOMONAS**. XI. **UROGLENA**.

I. **G.** *pectorale* 1/384–1/24‴. II. **G.** *punctatum* 1/336–1/48‴. III. **G.?** *tranquillum* 1/240–1/24‴. IV. **G.?** *hyalinum* –1/96‴. V. **G.?** *glaucum* 1/576–1/48‴. VI. **E.** *elegans* –1/15‴. VII. **SY.** *Volvox* –1/48‴. VIII. **SP.** *Volvox* –1/4‴.
IX. **S.** *Uvella* –1/16‴. X. **CH.** *Pulvisculus* –1/48‴. XI. **U.** *Volvox* –1/8‴.

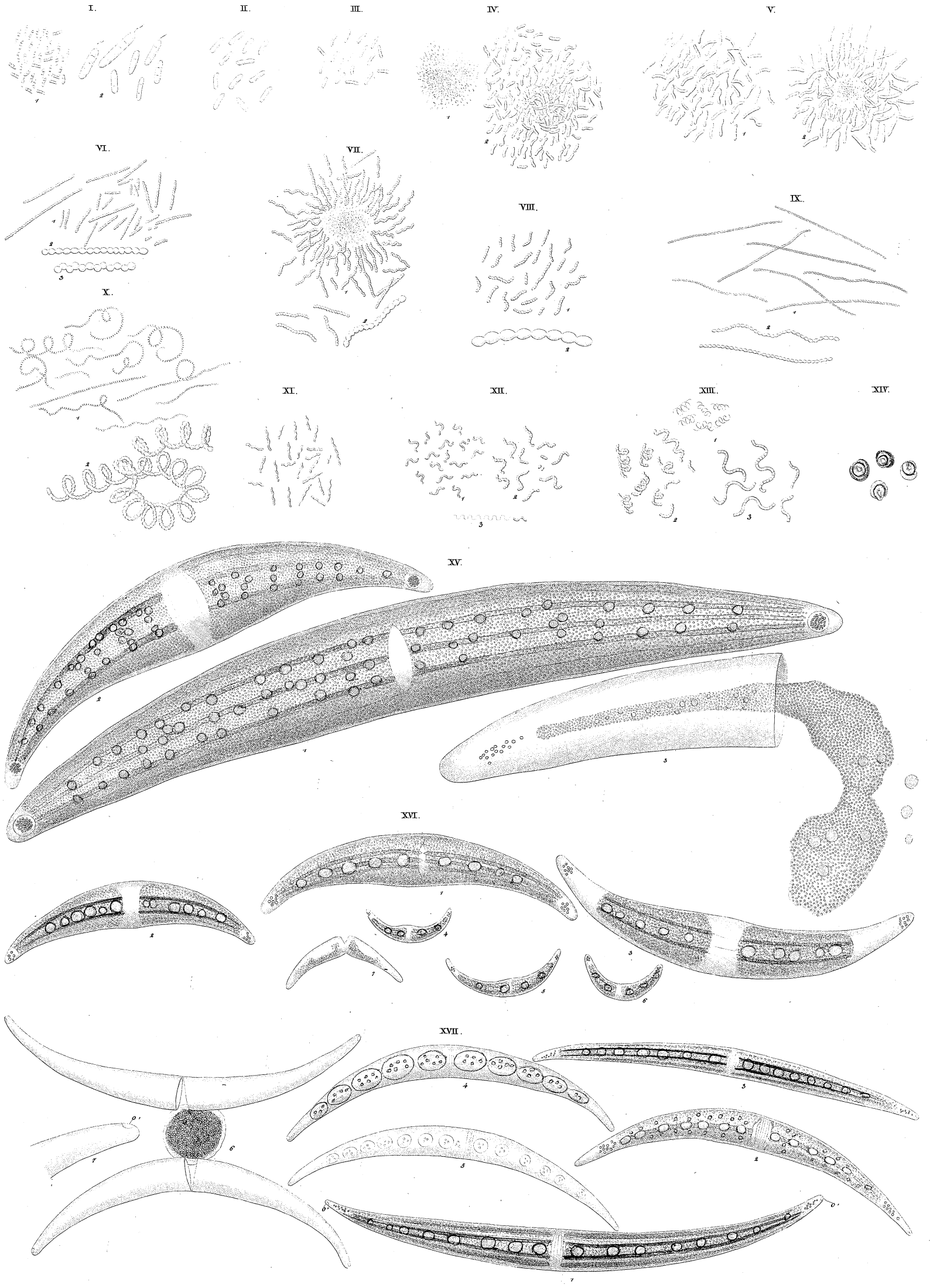
gez. v. Ehrenberg. *gest. v. C.H. Weber.*



VOLVOX.

I. V. *Globator* - ⅓ ‴. II. V. *aureus* - ⅓ ‴. III. V. *stellatus* - ⅓ ‴.

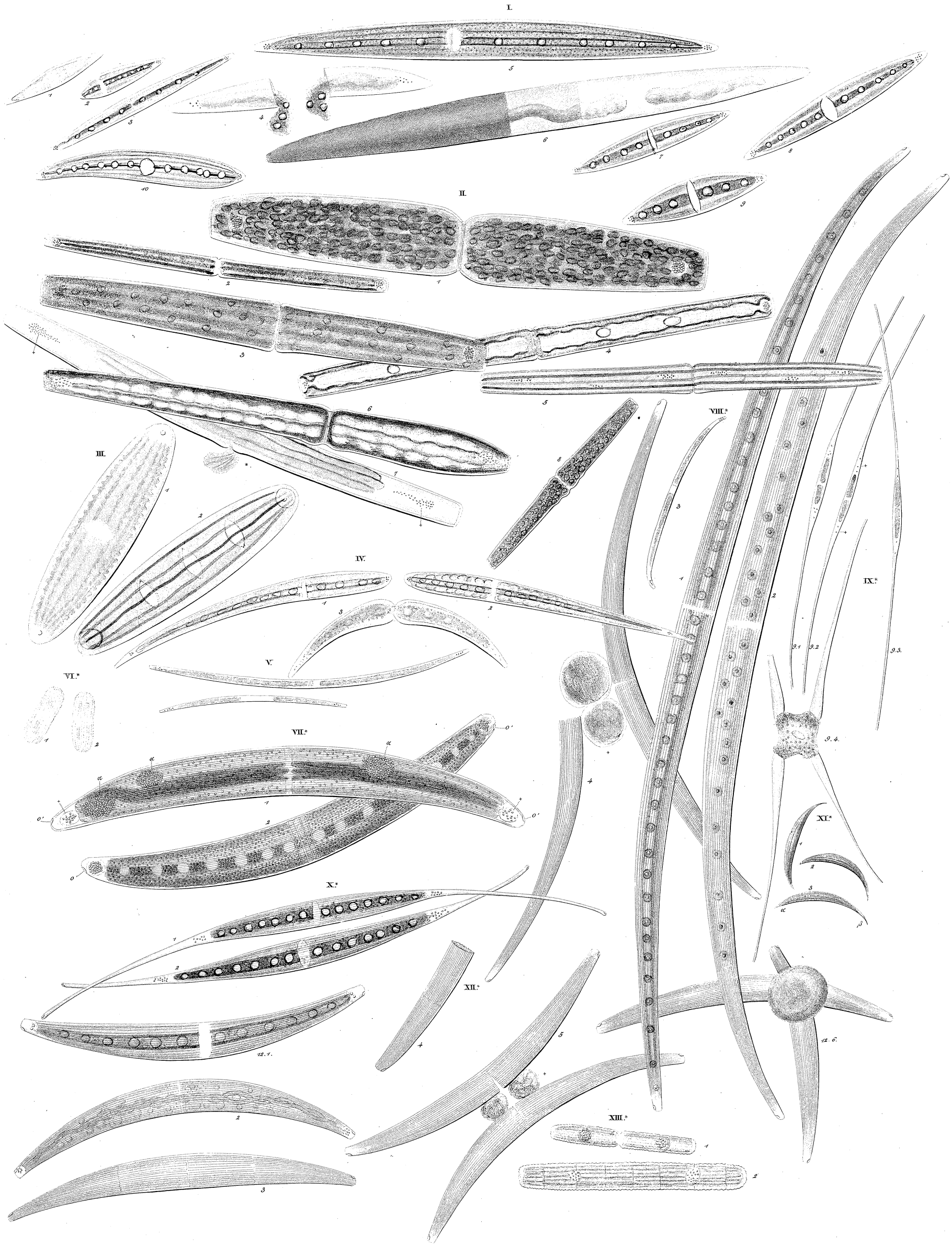
gez. v. Ehrenberg. *gest. v. Weber.*



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

I. B. *triloculare* – 1/192 ‴. II. B. *Enchelys* – 1/240 ‴. III. B. *Punctum* – 1/333 ‴. IV. V. *Lineola* – 1/1000 ‴. V. V. *tremulans* – 1/288 ‴. VI. V. *subtilis* – 1/36 ‴. VII. V. *Rugula* 1/96 ‴. VIII. V. *prolifer* – 1/96 ‴. IX. V. *Bacillus* – 1/24 ‴. X. S. *Serpens* – 1/18 ‴. XI. S. *tenue* – 1/72 ‴. XII. S. *Undula* – 1/96 ‴. XIII. S. *volutans* – 1/48 ‴. XIV. S. *fulvus* – 1/100 ‴. XV. C. *Lunula* – 1/4 ‴. XVI. C. *moniliferum* – 1/10 ‴. XVII. C. *Dianae* – 1/10 ‴.

gez. v. Ehrenberg. *gest. v. Franz.*



CLOSTERIUM.

I. C. *acerosum* ¼‴. II. C. *Trabecula* ¼‴. III. C. *Digitus* ⅒‴. IV. C. *attenuatum* ¼‴. V. C. *Cornu* ⅛‴. VI. C. *Cylindrus* 1/36‴. VII. C. *turgidum* ⅛‴. VIII. C. *lineatum* ⅓‴. IX. C. *setaceum* ⅛‴. X. C. *rostratum* ¼‴. XI. C. *inaequale* 1/36‴. XII. C. *striolatum* ⅒‴. XIII. C. *margaritaceum* ⅛‴.

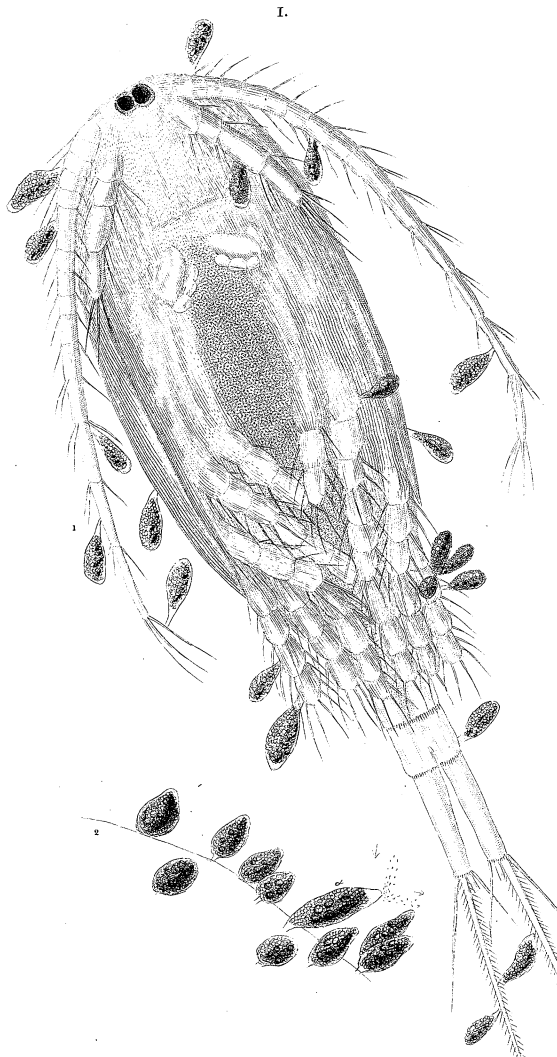
gez. v. Ehrenberg. gest. v. C. Haas.

I - IV. AS TA SIA. V. AMBLYOPHIS. VI - XVI. EUGLENA. XVII. CHLOROGONIUM.

I. A. *haematodes* 1/33‴. II. A. *flavicans* 1/36‴. III. A. *pusilla* 1/72‴. IV. A. *viridis* 1/75‴. V. A. *viridis* 1/10‴. VI. E. *sanguinea* 1/20‴. VII. E. *hyalina* 1/24‴. VIII. E. *deses* 1/20‴. IX. E. *viridis* 1/24‴. X. E. *Spirogyra* 1/10‴. XI. E. *Pyrum* 1/72‴. XII. E. *Pleuronectes* 1/40‴. XIII. E. *longicauda* 1/15‴. XIV. E. *triquetra* 1/48‴. XV. E. *Acus* 1/18‴. XVI. E. *rostrata* 1/40‴. XVII. CH. *euchlorum* 1/24‴.

gez. v. Ehrenberg. gest. v. Franz.

I.



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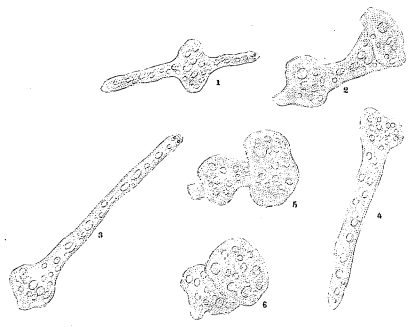

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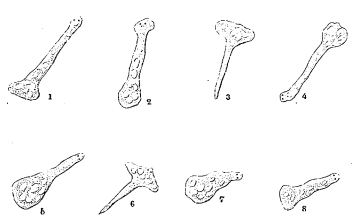

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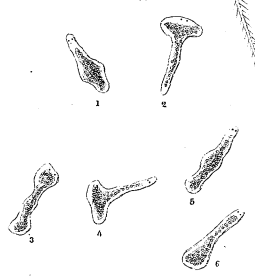

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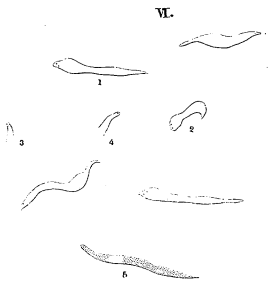

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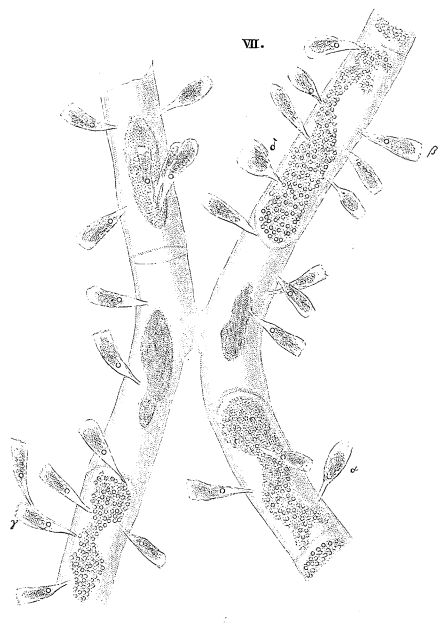

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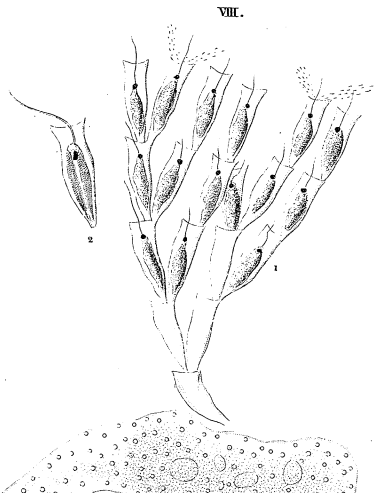
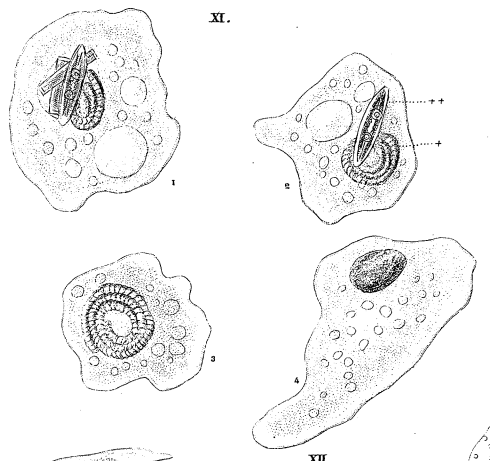


IX.

X.

XI.



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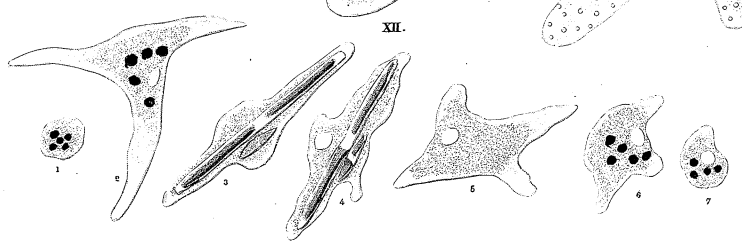

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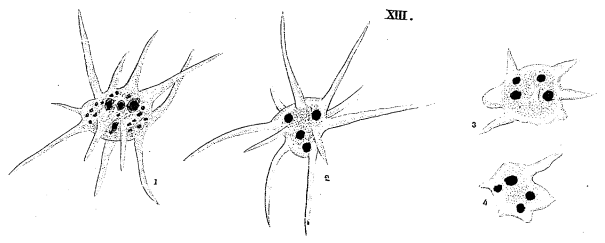


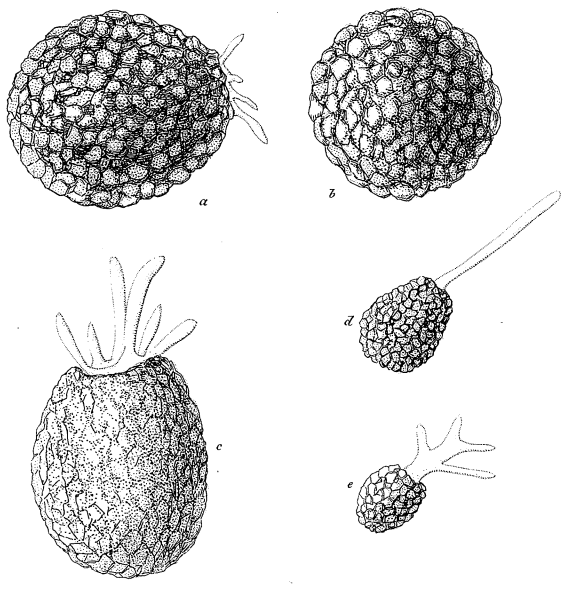
I-II. **COLACIUM**. III-VI. **DISTIGMA**. VII*. **EPIPYXIS**. VIII-IX*. **DINOBRYON**. X-XIII**. **AMOEBA**.

I. C. *vesiculosum* 1/12‴. II. C. *stentorinum* 1/96‴. III D ? *tenax* 1/20‴. IV. D. *Proteus* 1/36‴. V. D. *viride* 1/48‴. VI. D. *Planaria* 1/20‴. VII. E. *Viriculus* 1/54‴.
VIII. D. *Sertularia* 1/48‴. IX. D. *sociale* 1/72‴. X. A. *princeps* 1/6‴. XI. A. *verrucosa* 1/20‴. XII. A. *diffluens* 1/24‴. XIII. A. *radiosa* 1/20‴.

gez. v. Ehrenberg.

gest. v. C.E. Weber.

I.



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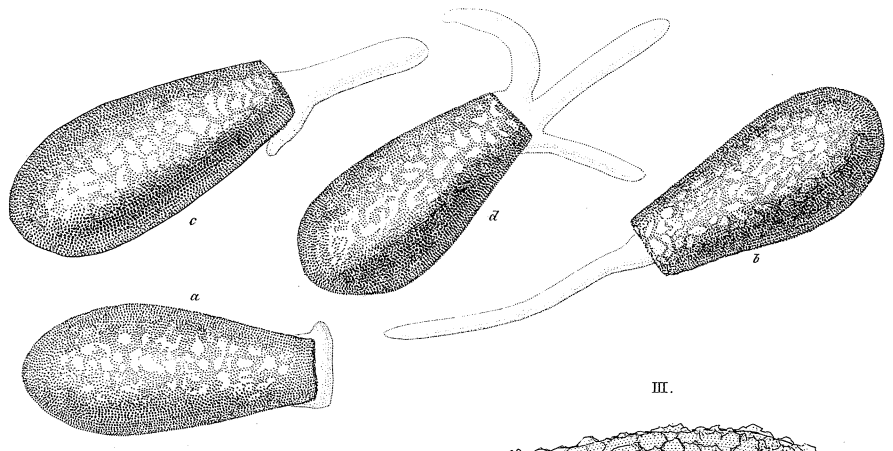

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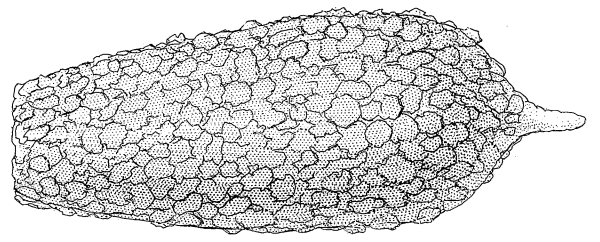

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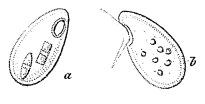

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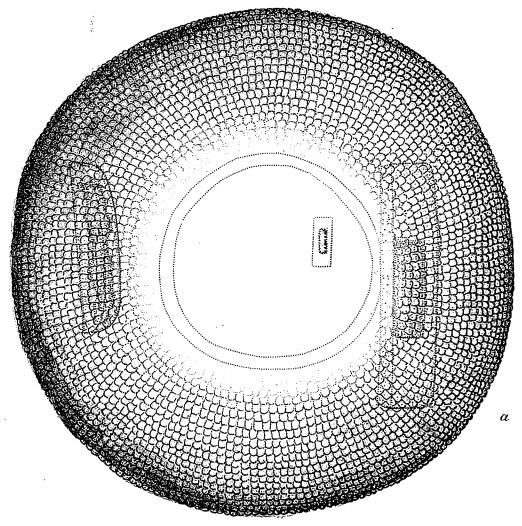

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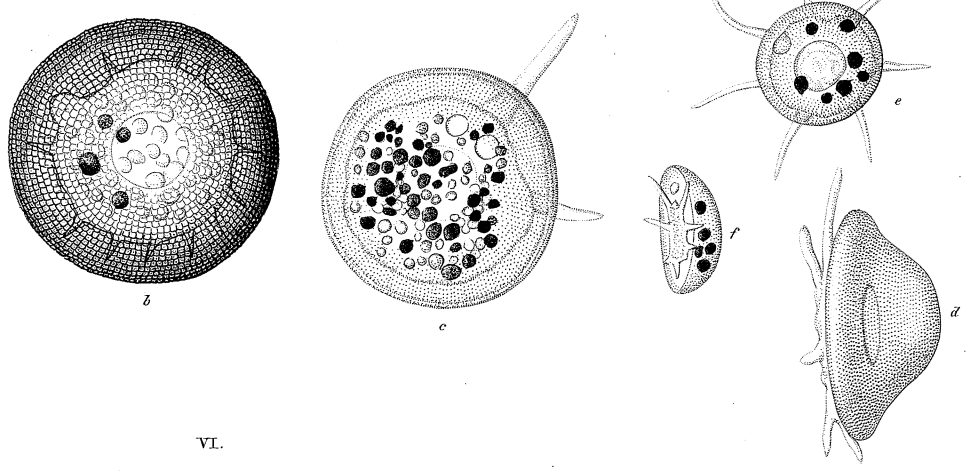

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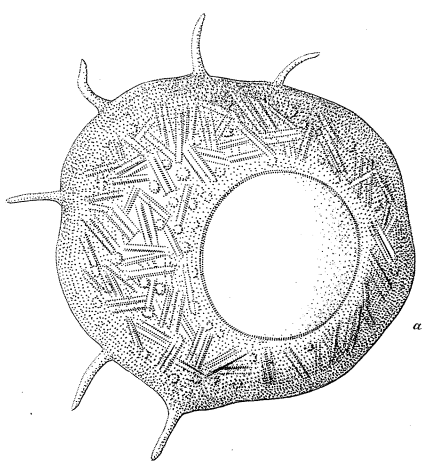

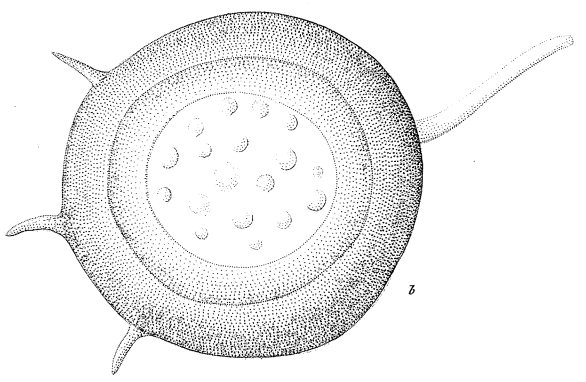

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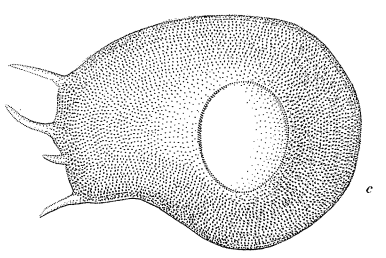

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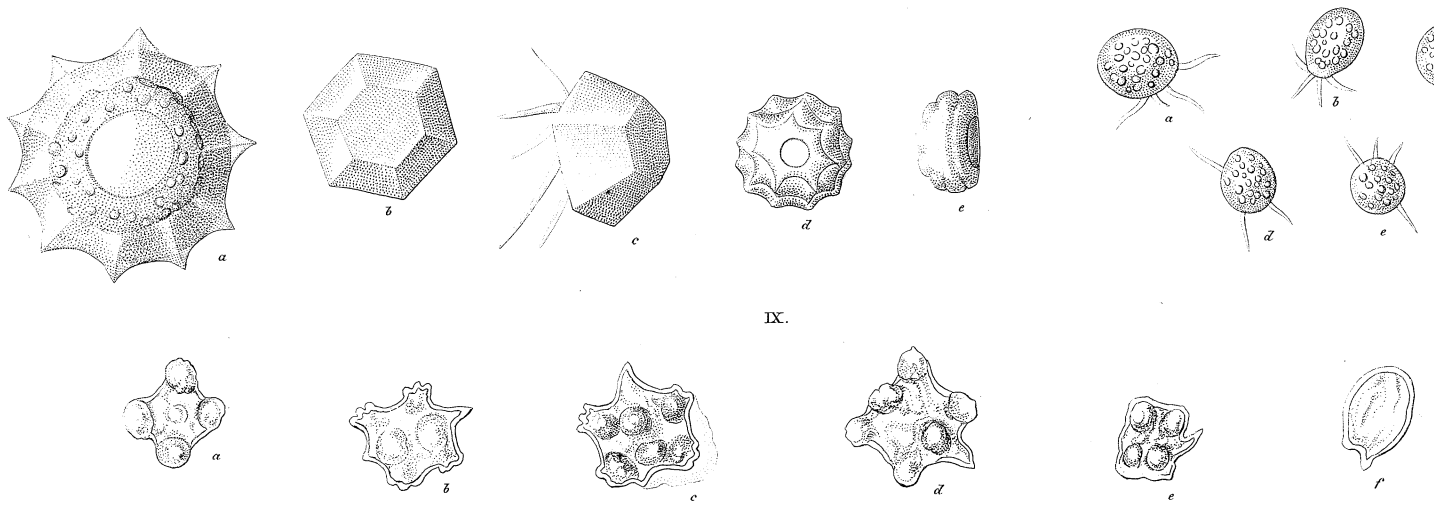
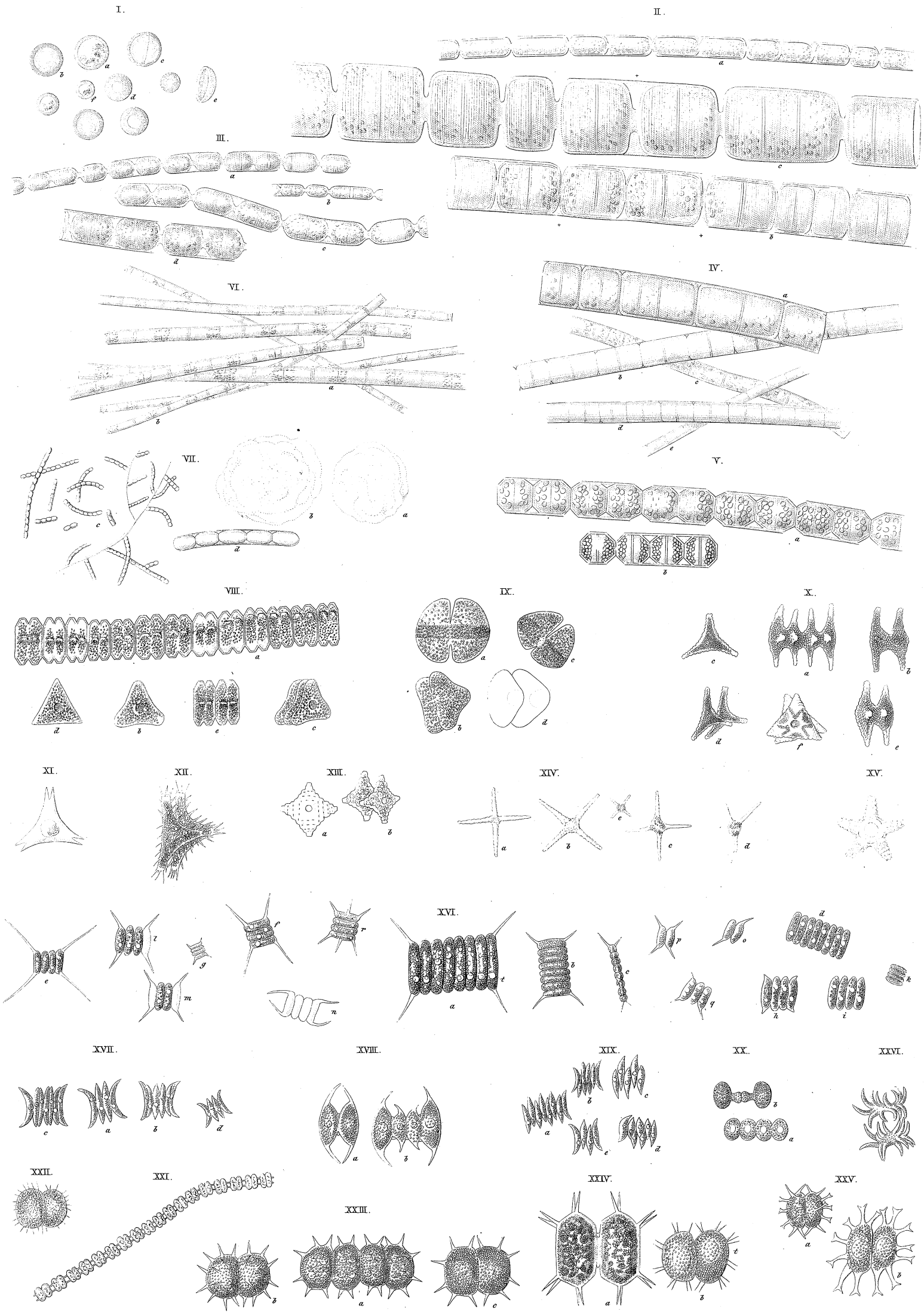


I–IV. DIFFLUGIA. V–VIII. ARCELLA. IX. CYPHIDIUM.

I. D. *proteiformis* 1/20‴. II. D. *oblonga* – 1/18‴. III. D. *acuminata* – 1/6‴. IV. D. *Enchelys* – 1/46‴. V. A. *vulgaris* – 1/10‴.
VI. A. *aculeata* – 1/18‴. VII. A. *dentata* – 1/20‴. VIII. A. *hyalina* – 1/48‴. IX. C. *aureolum* – 1/36‴.

...z. v. Ehrenberg

gesc. v. Wenker.

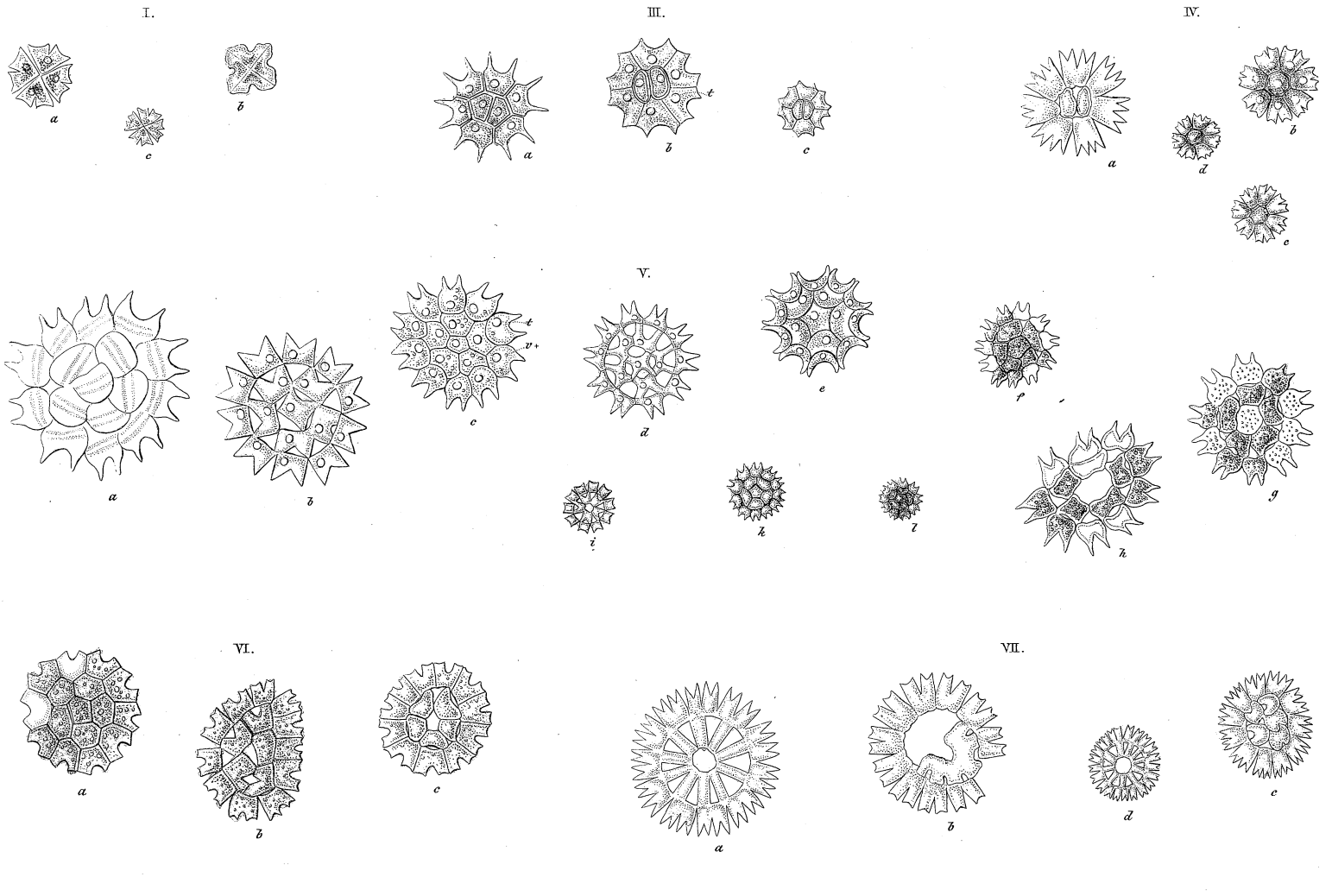


I. PYXIDICULA. II–VII. GAILLONELLA. VIII–XII. DESMIDIUM. XIII–XIV. STAURASTRUM.

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

I. P. *operculata* – 1/48‴. II. G. *lineata* – 1/36‴. III. G. *nummuloides* – 1/72‴. IV. G. *varians* – 1/60‴. V. G. *moniliformis* – 1/72‴. VI. G. *aurichalcea* – 1/144‴. VII. G. *ferruginea* – 1/1000‴. VIII. D. *Swarzii* 1/48‴. IX. D. *orbiculare* – 1/48‴. X. D. *hexaceros* – 1/48‴. XI. D. *bidens* – 1/48‴. XII. D. *aculeatum* – 1/48‴. XIII. ST. *dilatatum* – 1/48‴. XIV. ST. *paradoxum* – 1/48‴. XV. P. *margaritacea* – 1/45‴. XVI. A. *quadricaudatus* – 1/48‴. XVII. A. *pectinatus* – 1/72‴. XVIII. A. *convergens* – 1/48‴. XIX. A. *acutus* – 1/48‴. XX. T. *moniliformis* – 1/144‴. XXI. T. *filiformis* – 1/108‴. XXII. X. *hirsutum* 1/36‴. XXIII. X. *aculeatum* – 1/24‴. XXIV. X. *fasciculatum* – 1/24‴. XXV. X. *furcatum* – 1/24‴. XXVI. X. *difforme* – 1/36‴.

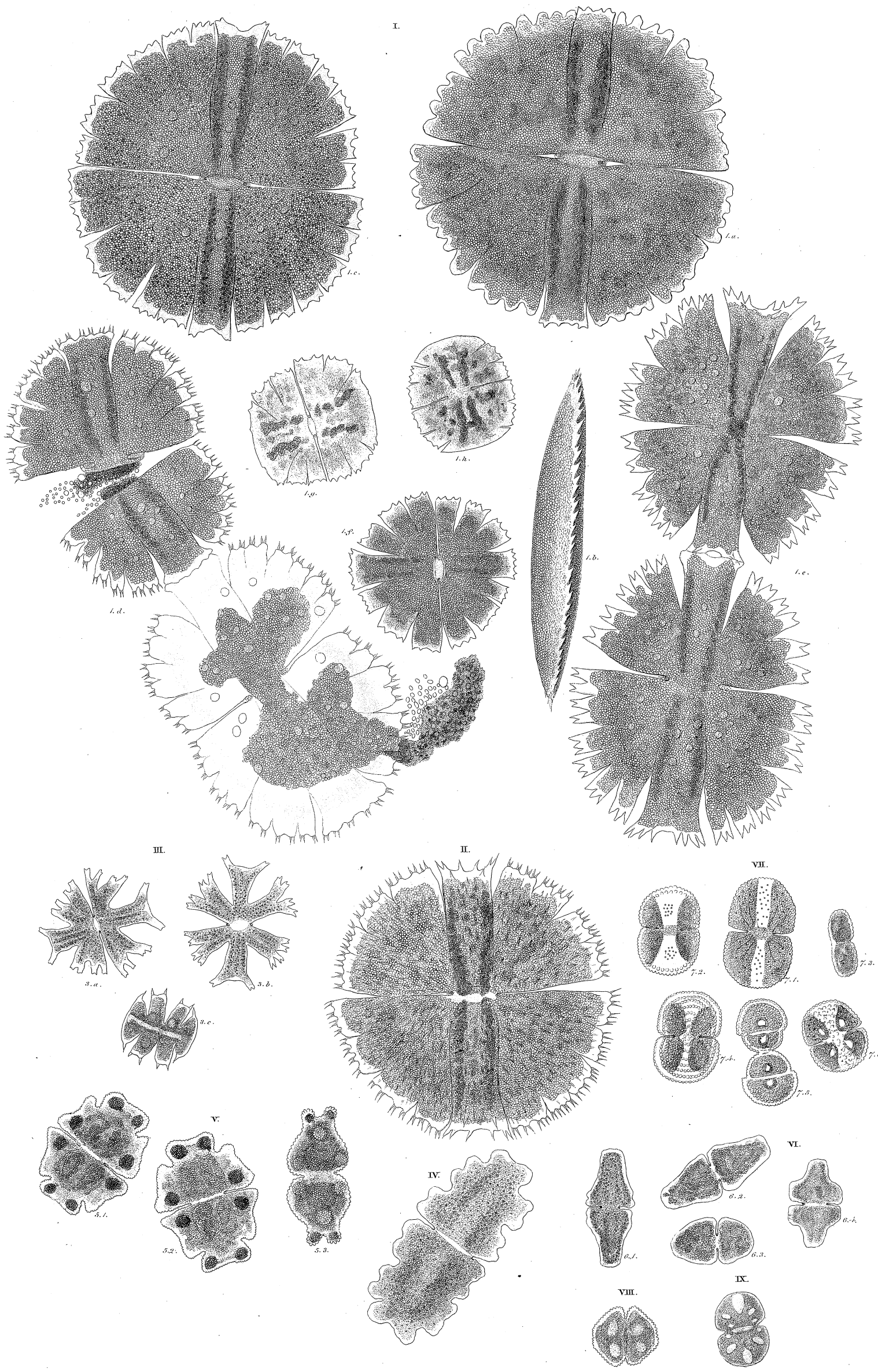
gez. v. Ehrenberg. *gest. v. Wienker.*



I – IX MICRASTERIAS. x MICROTHECA.

I. M. *Tetras* – 1/90‴. II. M. *Napoleonis* – 1/48‴. III. M. *hexactis* – 1/48‴. IV. M. *heptactis* – 1/48‴. V. M. *Boryana* – 1/18‴.
VI. M. *angulosa* – 1/24‴. VII. M. *Riotula* – 1/20‴. VIII. M. *tricyclia* – 1/18‴. IX. M. *elliptica* – 1/18‴. X. M. *octoceras* – 1/2‴.

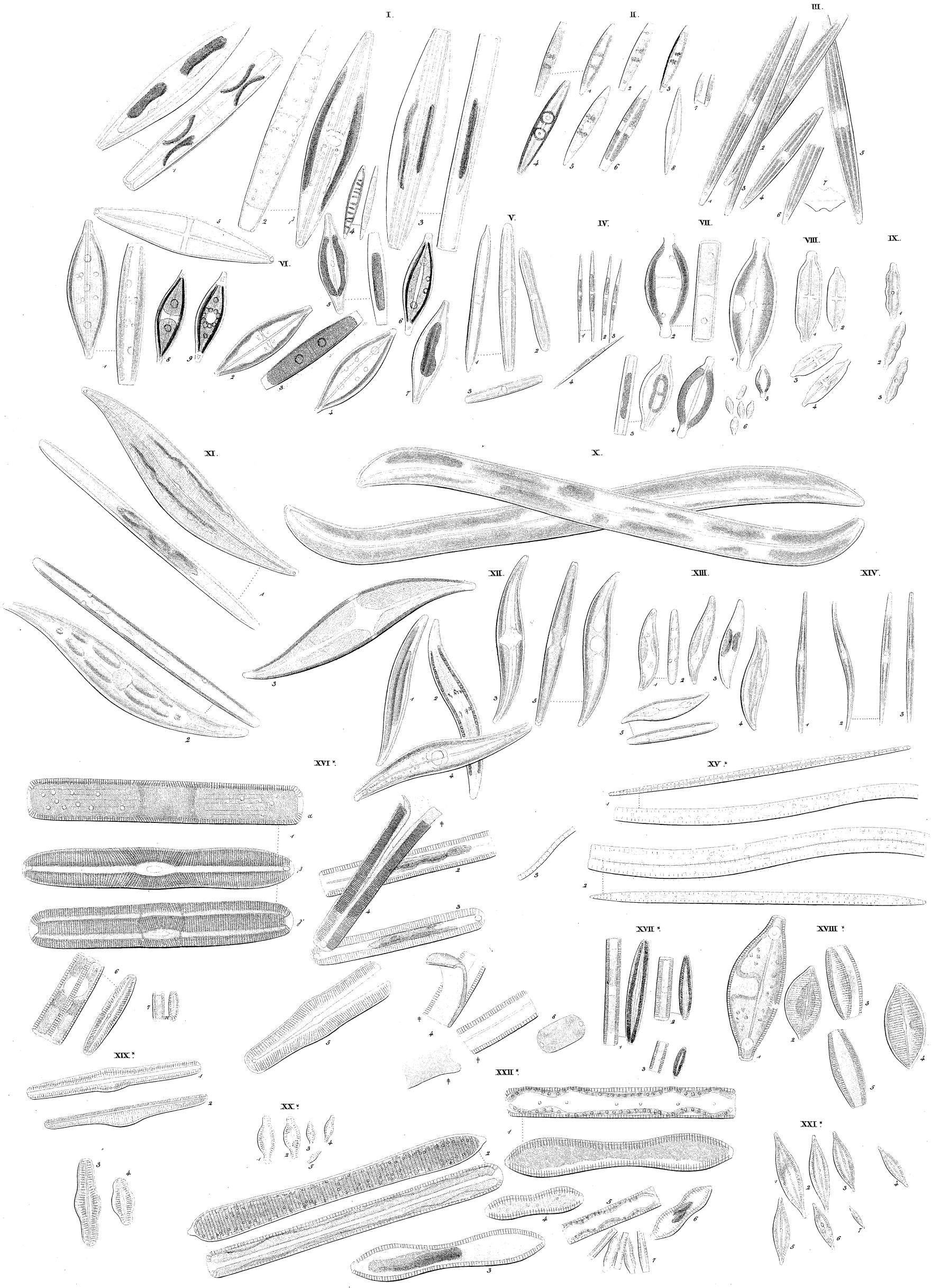
gez. v. Ehrenberg. gest. v. Wenker.



EUASTRUM.

gez. v. Ehrenberg. gest. v. C.E. Weber.

I. E. *Rota* - 1/16‴. II. E. *aculeatum* - 1/12‴. III. E. *Crux melitensis* - 1/16‴. IV. E. *Pecten* - 1/16‴. V. E. *verrucosum* - 1/24‴.
VI. E. *ansatum* - 1/30‴. VII E *margaritiferum* - 1/24‴. VIII. E. *angulosum* - 1/60‴. IX. E. *integerrimum* - 1/40‴.

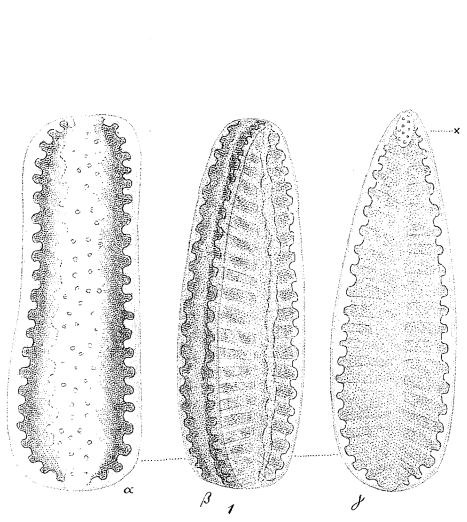


NAVICULA.

I. N. *Phoenicenteron* 1/12‴. II. N. *gracilis* 1/30‴. III. N. *pellucida* 1/12‴. IV. N. *Acus* 1/48‴. V. N. *umbonata* 1/20‴. VI. N. *fulva* 1/15‴. VII. N. *amphisbaena* 1/20‴. VIII. N. *platystoma* 1/20‴. IX. N. *nodosa* 1/36‴. X. N. *baltica* 1/6‴. XI. N. *Hippocampus* 1/6‴. XII. N. *Sigma* 1/12‴. XIII. N. *Scalprum* 1/24‴. XIV. N. *curvula* 1/36‴. XV. N. *sigmoidea* 1/8‴. XVI.* N. *viridis* 1/6‴. XVII.* N. *viridula* 1/30‴. XVIII.* N. *inaequalis* 1/15‴. XIX.* N. *gibba* 1/10‴. XX.* N. *capitata* 1/48‴ XXI.* N. *lanceolata* 1/24‴. XXII.* N. *Librile* 1/2‴.

gez. v. Ehrenberg. gest. v. Hess

I.



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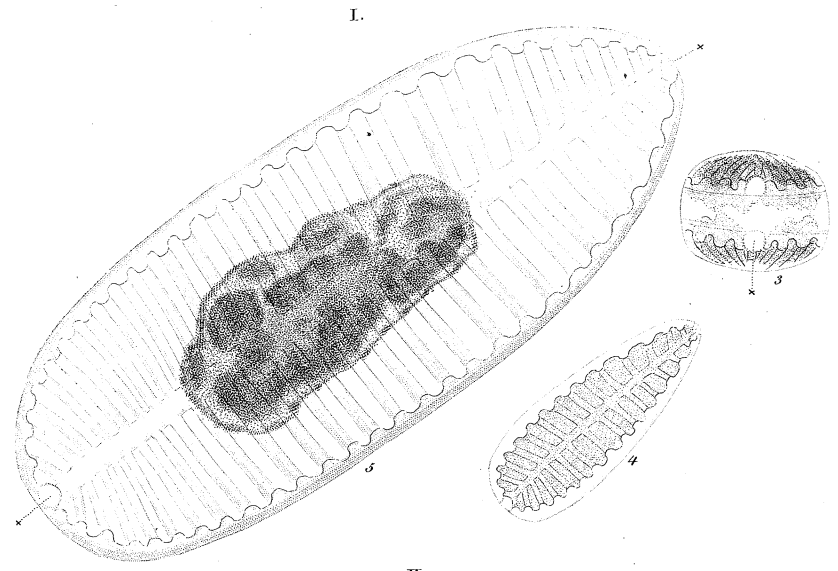

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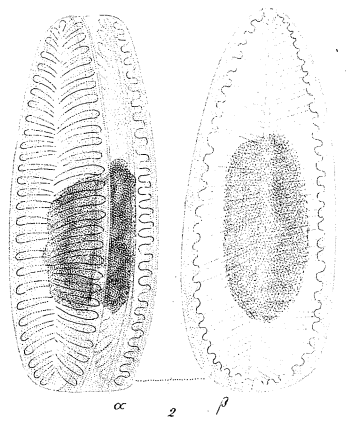
IV.



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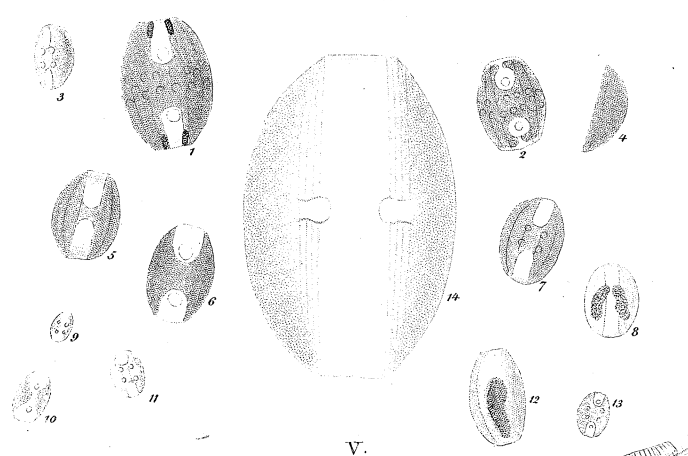

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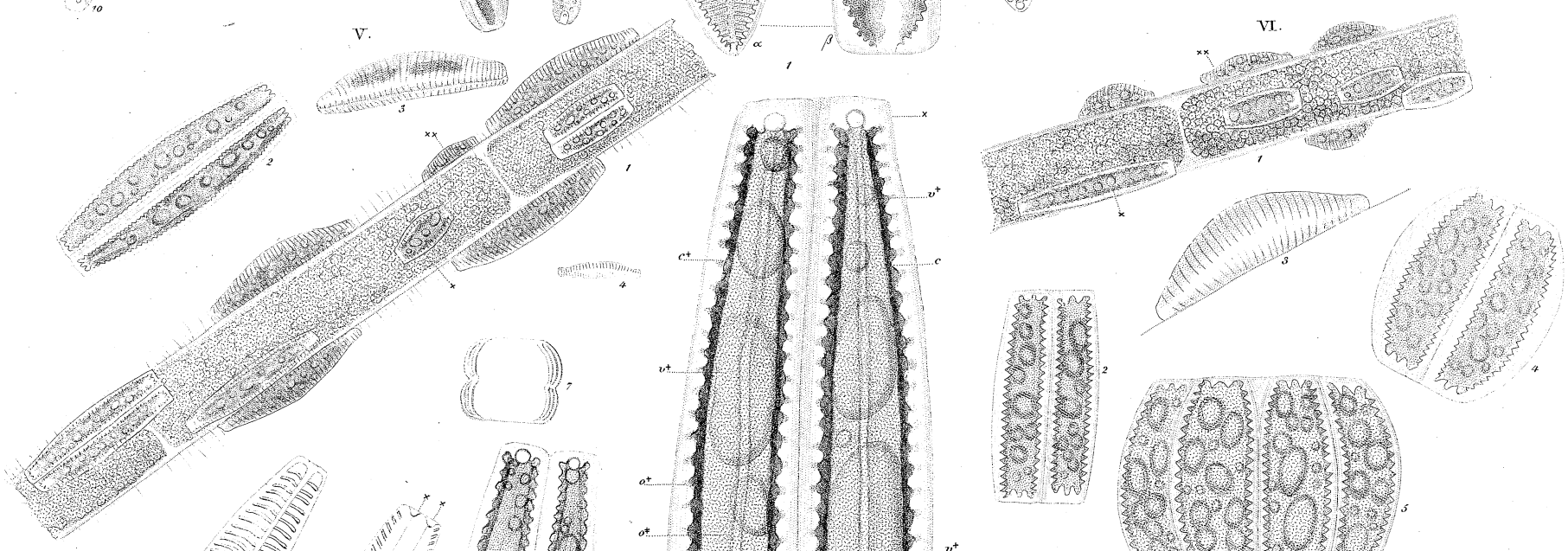

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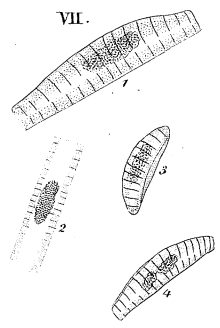
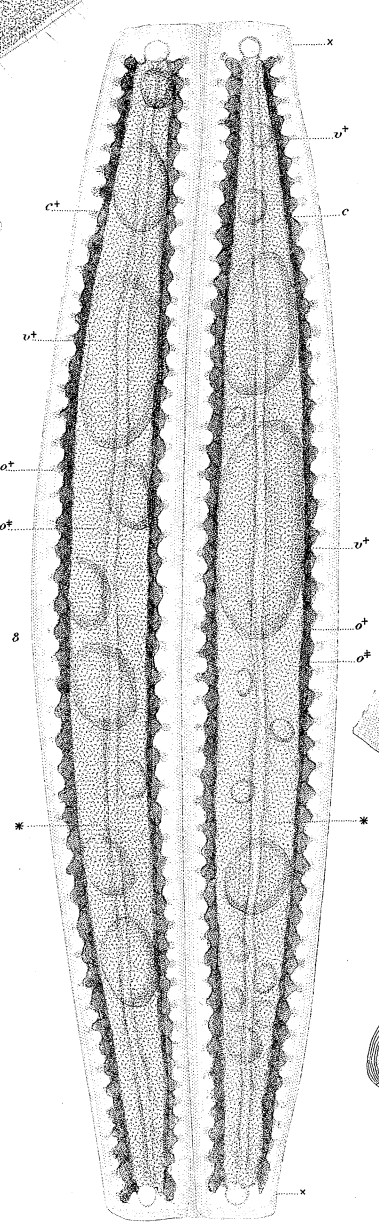


VIII.

XI.

IX.



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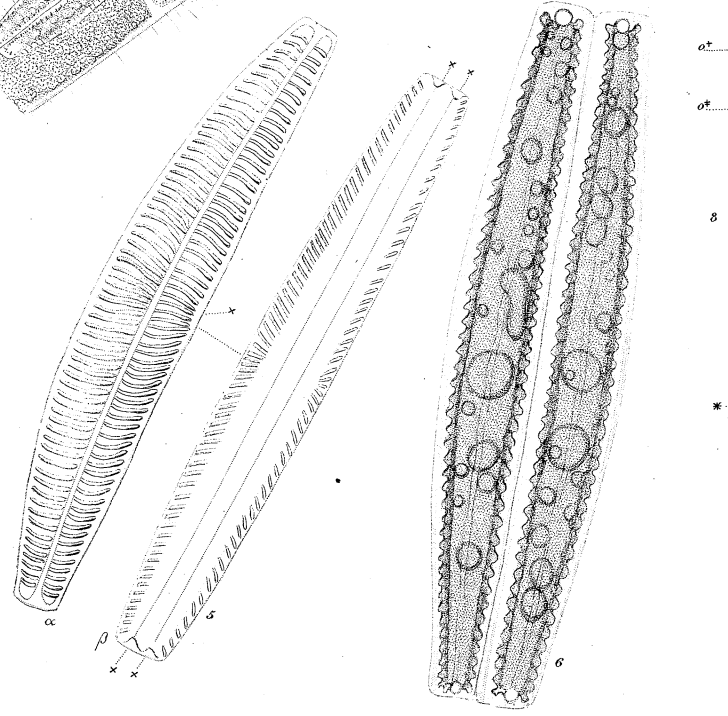
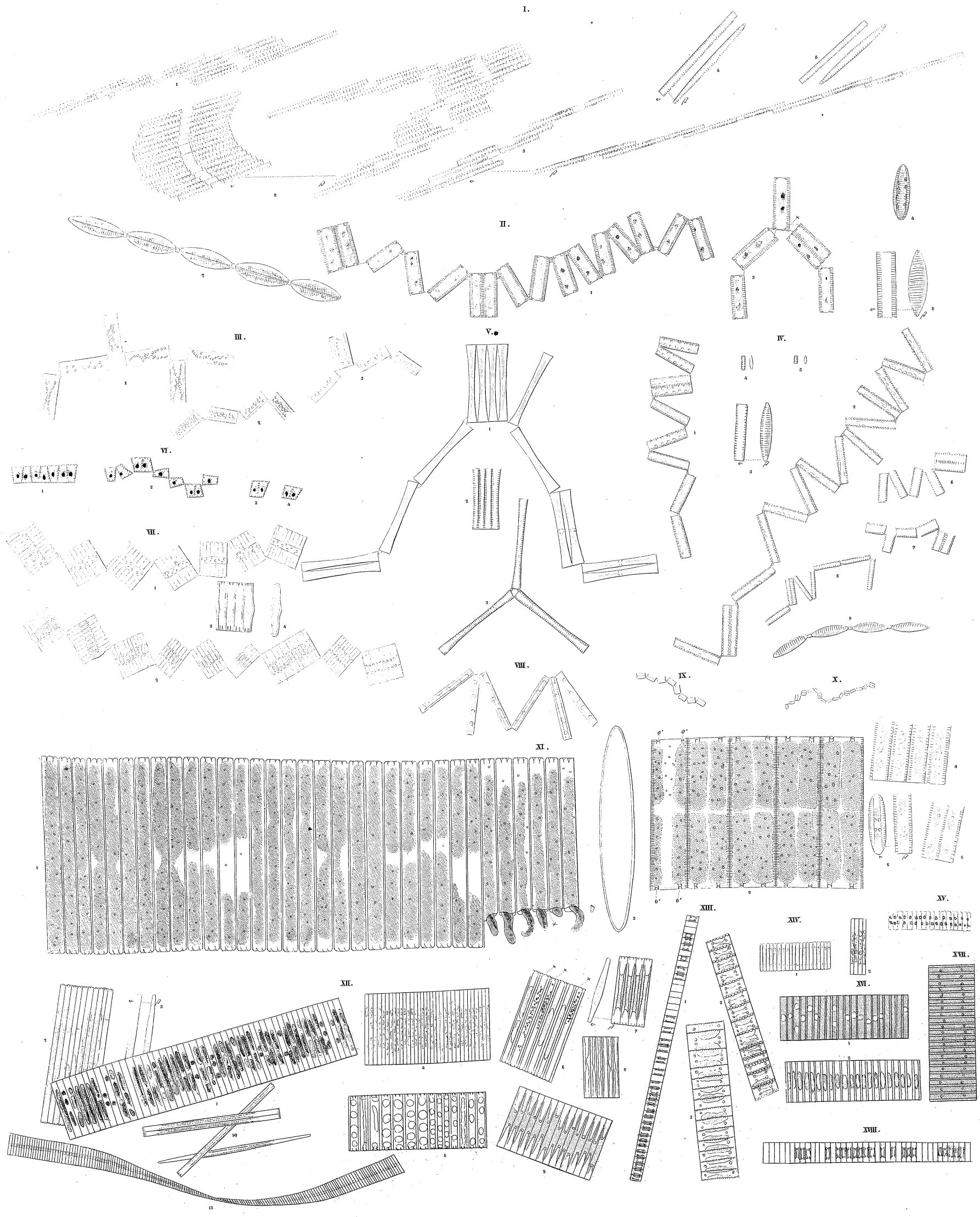


I. VII. NAVICULA. VIII. IX. COCCONEIS.

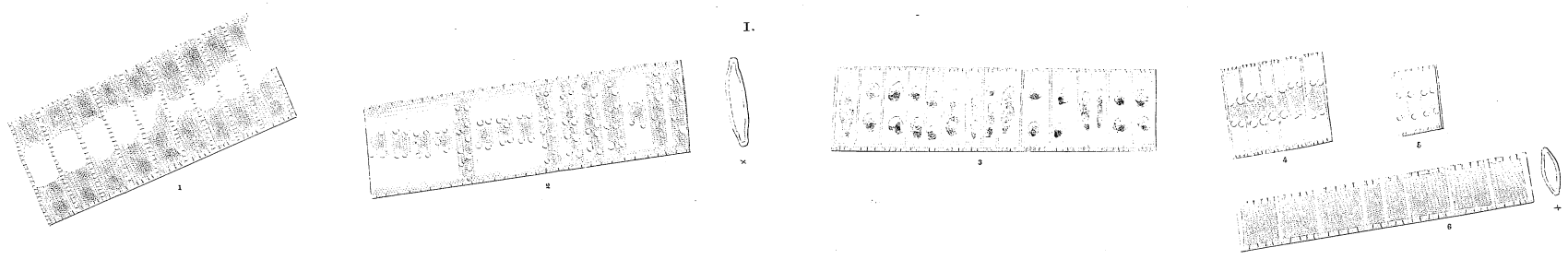
I. N. *splendida* – 1/16‴. II. N. *bifrons* – 1/16‴. III. N. *Amphora* – 1/36‴. IV. N. *lineolata* – 1/40‴. V. N. *turgida* – 1/20‴.
VI. N. *Westermanni* – 1/40‴. VII. N. *Zebra* – 1/24‴. VIII. C. *Scutellum* – 1/24‴. C. *undulata* – 1/36‴.

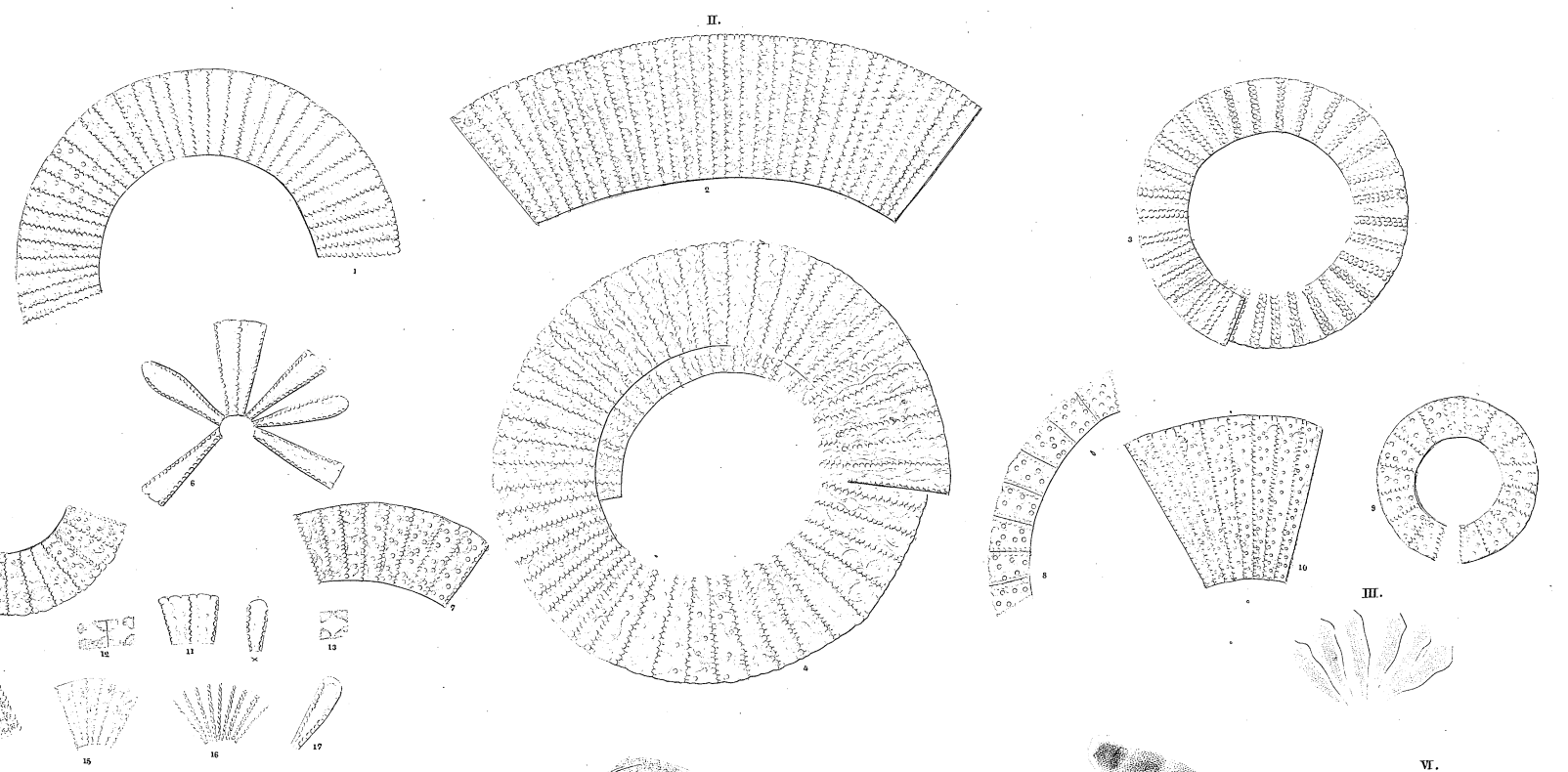


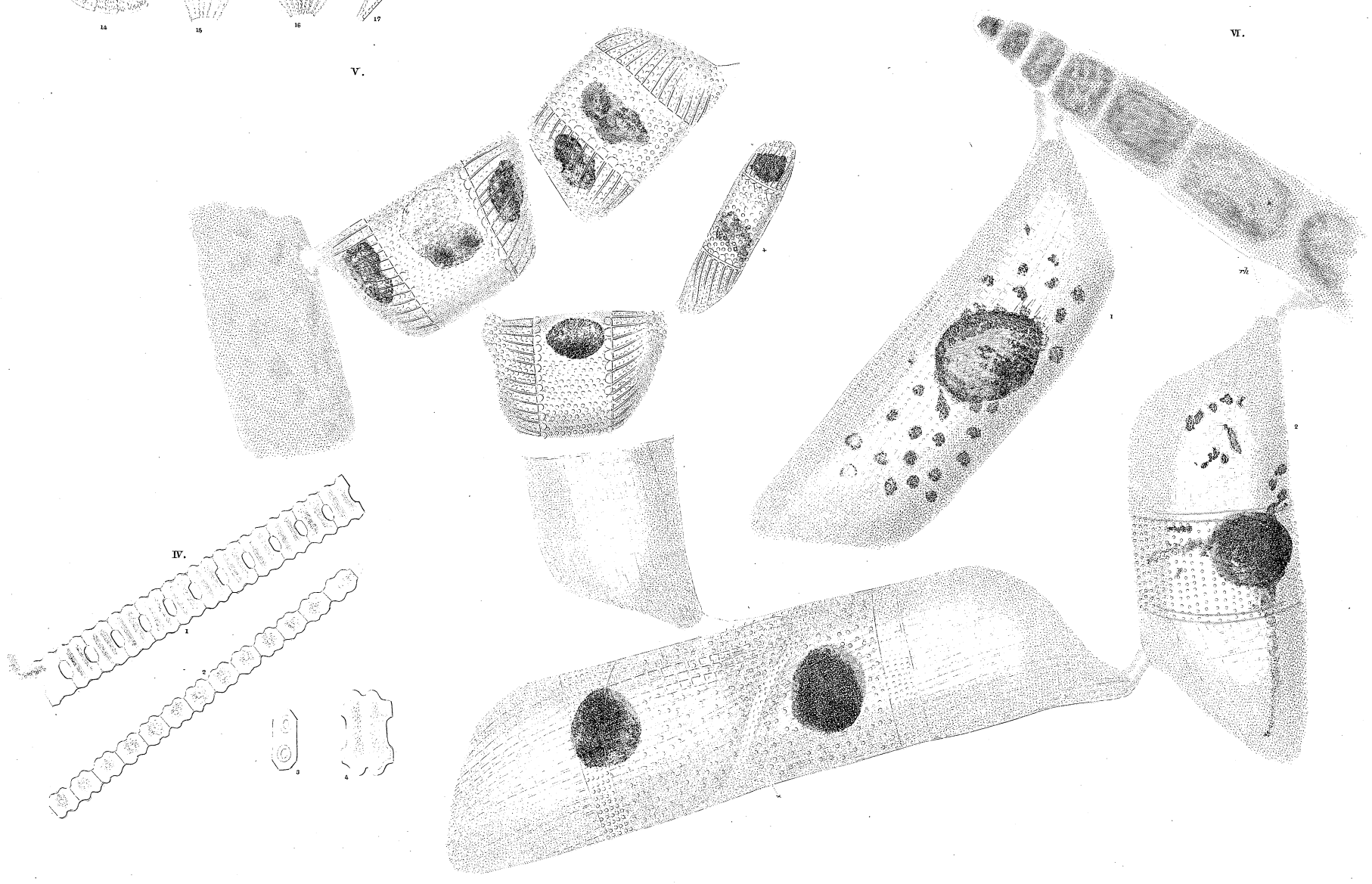
I–X. BACILLARIA. XI–XVIII. FRAGILARIA.

I. B. *paradoxa* 1/20‴. II. B. *vulgaris* 1/36‴. III. B. *Cleopatrae* 1/40‴. IV. B. *pectinalis* 1/36‴. V. B. *elongata* 1/20‴. VI. B. *cuneata* 1/96‴. VII. B. *tabellaris* 1/80‴. VIII. B. *seriata* 1/30‴. IX. B. *flocculosa* 1/120‴. X.? B. *Ptolemaei* 1/300‴. XI. F. *grandis* 1/12‴. XII. F. *rhabdosoma* 1/18‴. XIII. F. *turgidula* 1/48‴. XIV. F. *multipunctata* 1/24‴. XV. F. *bipunctata* 1/100‴. XVI. F. *angusta* 1/48‴. XVII. F. *scalaris* 1/48‴. XVIII. F. *diophthalma* 1/96‴.

gez. v. Ehrenberg. *gest. v. C.E. Weber.*

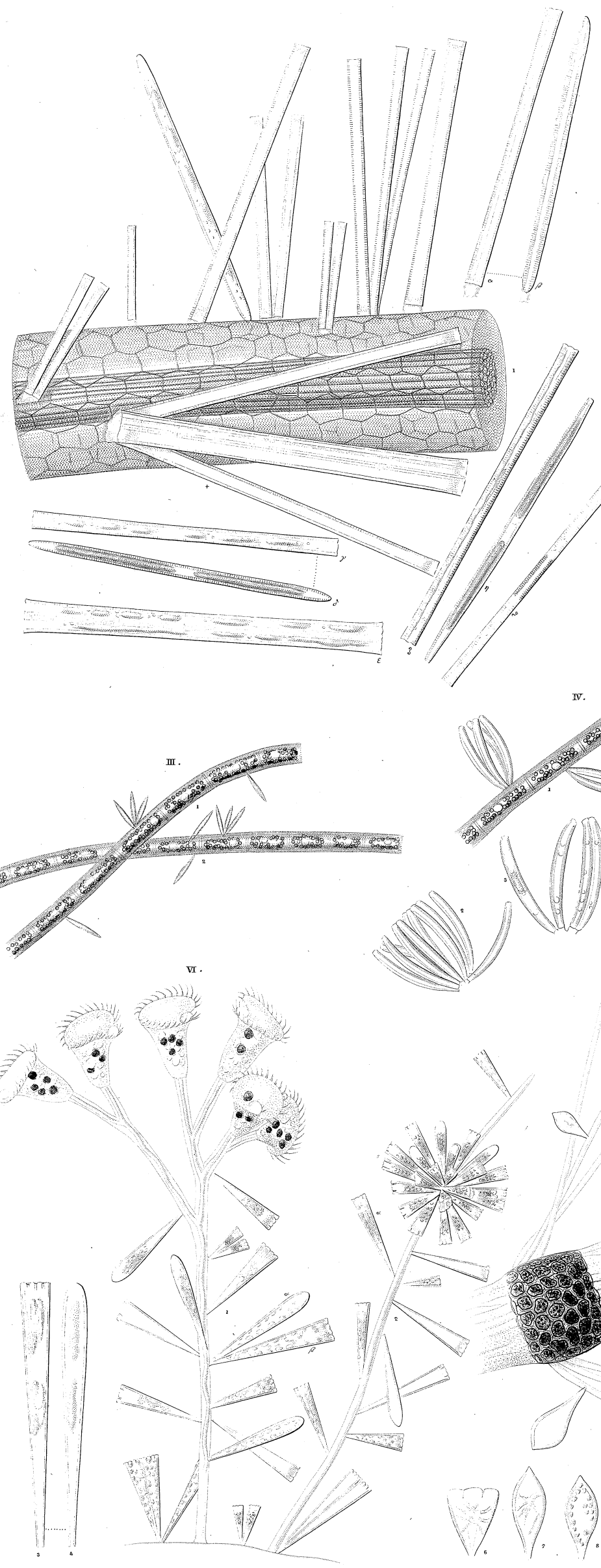






I. FRAGILARIA II–III. MERIDION IV. ODONTELLA V–VI. ISTHMIA.

1. F. *pectinalis* 1/36‴ II. M. *vernale* 1/20‴ III. M.? *panduriforme* 1/36‴ IV. O. *Desmidium* 1/48‴
V. I. *obliqua* 1/8‴ VI. I. *enervis* 1/5‴



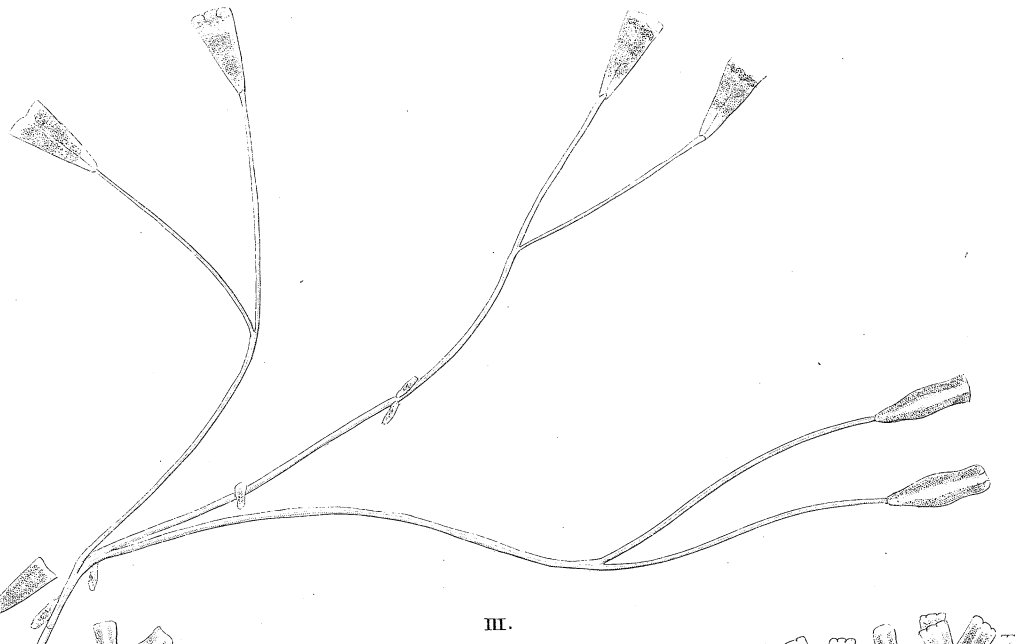
I-V. SYNEDRA. VI_VIII. PODOSPHENIA.

I. S. *Ulna* 1/9 ‴. II. S. *Gaillonii* 1/10 ‴. III. S. *fasciculata* 1/12 ‴. IV. S. *lunaris* 1/36 ‴. V. S. *bilunaris* 1/43 ‴. VI. P. *gracilis* 1/12 ‴.
VII. P. *abbreviata* 1/20 ‴. VIII. P. *cuneata* 1/12 ‴.

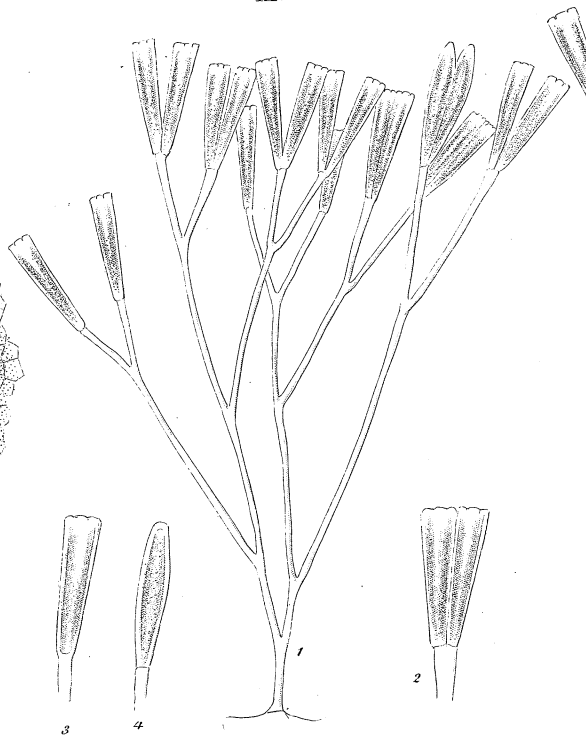
gez. v. Ehrenberg. *gest. v. Wenker.*

I.

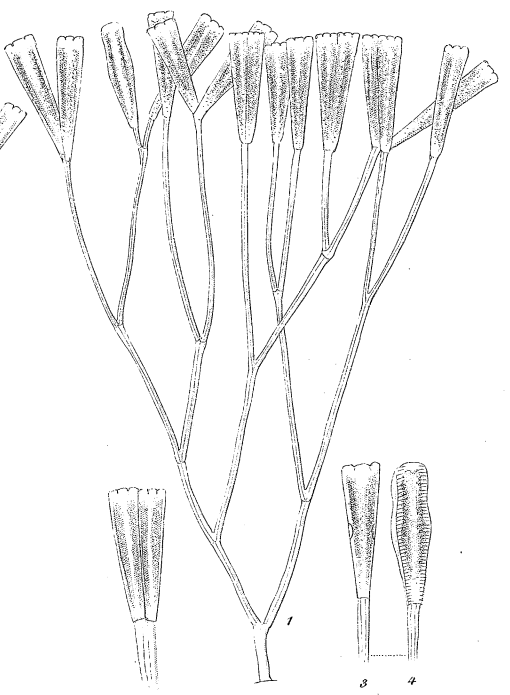
II.



III.



IV.



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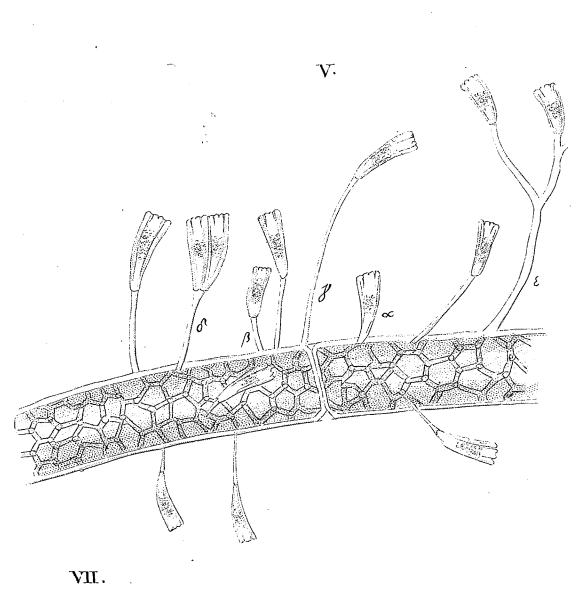
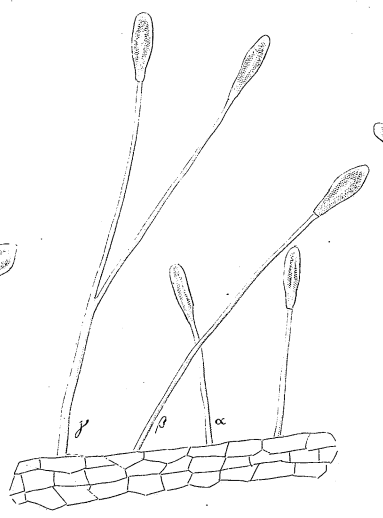


V.

VII.



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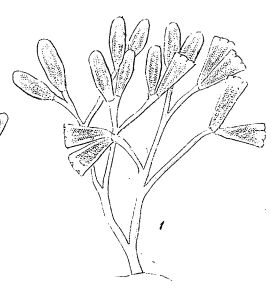
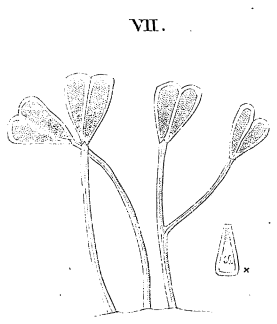
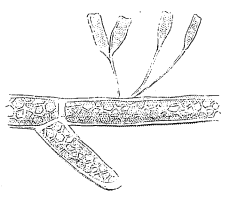
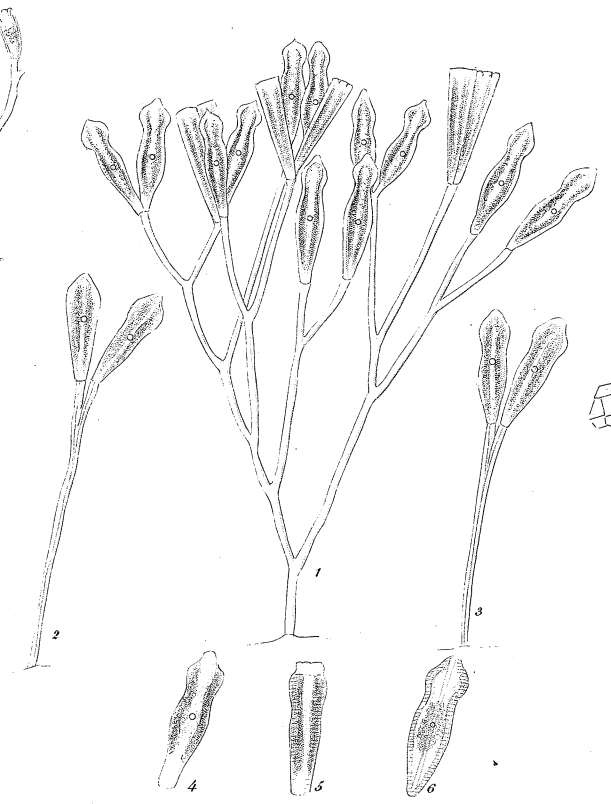
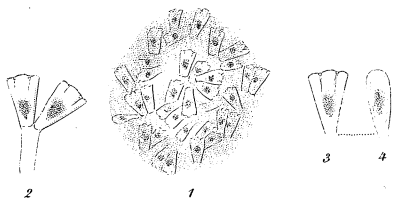


VIII.





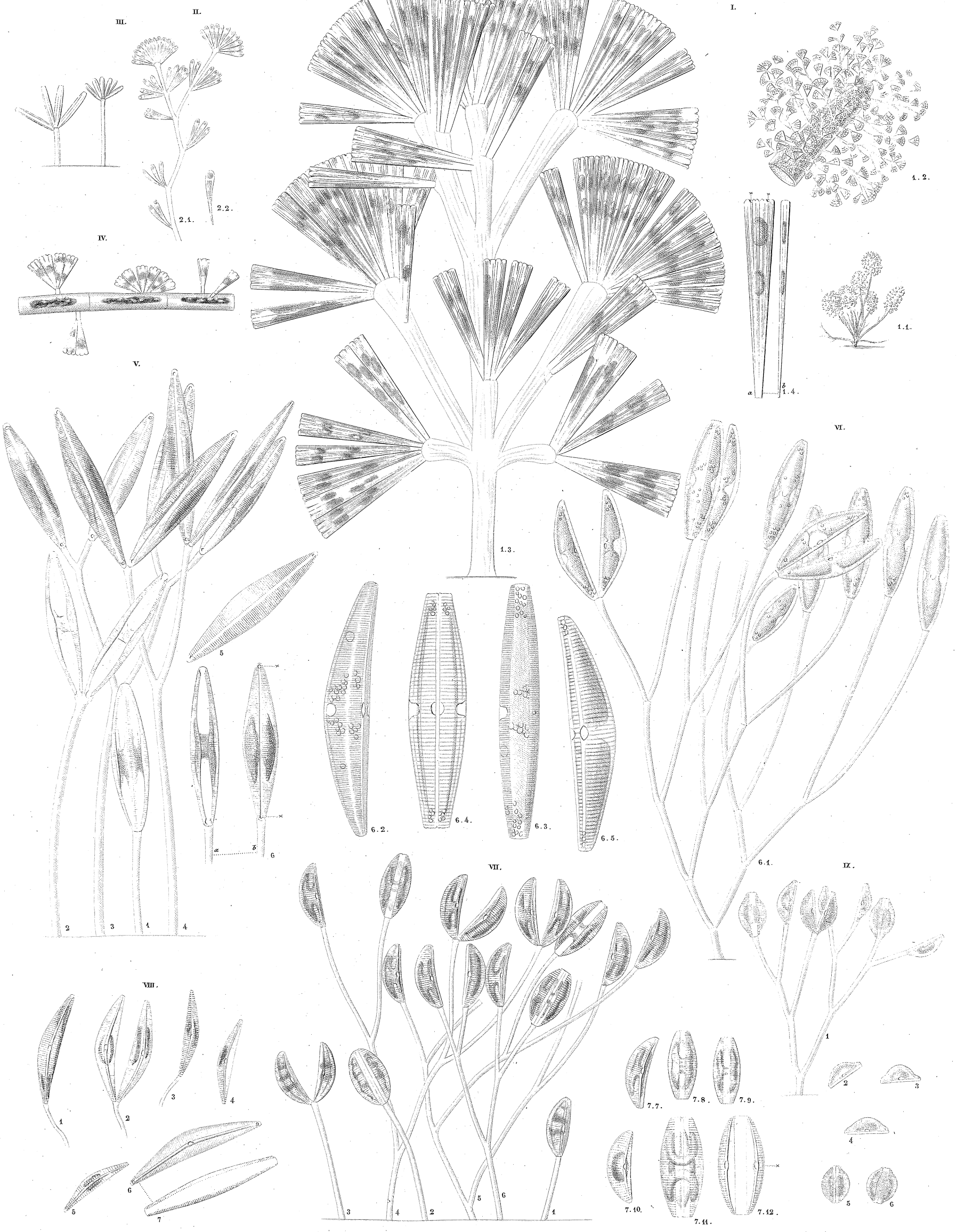




GOMPHONEMA.

I. G. *truncatum* – 1/24‴. II. G. *capitatum* – 1/24‴. III. G. *gracile* – 1/40‴. IV. G. *acuminatum* – 1/36‴. V. G. *minutissimum* – 1/36‴.
VI. G. *clavatum* – 1/60‴. VII. G. *rotundatum* – 1/20‴. VIII. G. *discolor* – 1/30‴. IX. G. *olivaceum* – 1/36‴.

gez. v. Ehrenberg. gest. v. C.E. Weber



I–IV. ECHINELLA. V–IX. COCCONEMA.

I. E. *flabellata* 1/10‴. II. E. *splendida* 1/18‴. III. E. *abbreviata* 1/96‴. IV. E. *capitata* 1/48‴. V. C. *Boeckii* 1/18‴.
VI. C. *lanceolatum* 1/10‴. VII. C. *Cistula* 1/36‴. VIII. C. *cymbiforme* 1/18‴. IX. C. *gibbum* 1/10‴.

gez. v. Klevenberg. *gest. v. Wenken*

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

I. A. *longipes* 1/10‴. II. A. *brevipes* 1/8‴. III. A. *subsessilis* 1/36‴. IV. A. *exilis* 1/48‴. V. A. *minutissima* 1/72‴. VI. ST. *arcuata* 1/18‴. VII. T. *Catena* 1/20‴. VIII. A. *Lyngbyei* 1/36‴. IX. A. *tuberosa* 1/24‴. X. A. *mystacina* 1/48‴. XI. S. *Salpa* 1/48‴. XII. N. *simplex* 1/48‴. XIII. N. *Dillwynii* 1/100‴. XIV. N. *Arbuscula* 1/72‴. XV. N. *balticum* 1/72‴. XVI. S. *Agardhi* 1/72‴.

gez. v. Ehrenberg. *gest. v. C.E. Weber.*

I. II. III. IV. V. VI. VII. VIII. IX. X. XI. XII. XIII. XIV. XV. XVI. XVII. XVIII. XIX. XX. XXI. XXII. XXIII. XXIV. XXV. XXVI. XXVII. XXVIII. XXIX.

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

I. G. *nummuloides* 1/72‴. II. G. *varians* 1/30‴. III. G. *ferruginea* 1/800‴. IV. G. *distans* 1/72‴. V. G. *sulcata* 1/72‴. VI. A. *senarius* 1/60‴. VII. A. *octonarius* 1/48‴. VIII. N. *Trochus* 1/72‴. IX. N. *quadricostata* 1/72‴. X. N. *Arcus* 1/48‴. XI. C. *Pediculus* 1/82‴. XII. N. *viridis* 1/6‴. XIII. N. *macilenta* 1/2‴. XIV. N. *viridula* 1/24‴. XV. N. *striatula* 1/8‴. XVI. N. *undulata* 1/18‴. XVII. N. *constricta* 1/18‴. XVIII. N. *suecica* 1/48‴. XIX. E. *Zebra* 1/20‴. XX. E. *granulata* 1/2‴. XXI. E. *Faba* 1/18‴. XXII. E. *Arcus* 1/24‴. XXIII. E. *Diodon* 1/18‴. XXIV. E. *Triodon* 1/48‴. XXV. E. *Tetraodon* 1/48‴. XXVI. E. *Pentodon* 1/30‴. XXVII. E. *Diadema* 1/24‴. XXVIII. E. *Serra* 1/24‴. XXIX. S. *capitata* 1/10‴.

gez. v. Ehrenberg *gest v. C. E. Weber.*

I. IV. CYCLIDIUM. V. VI. CHAETOMONAS. VII. IX. PANTOTRICHUM. X. XI. CHAETOTYPHLA.
XII. CHAETOGLENA. XIII–XXI. PERIDINIUM.* XXII–XXIV. GLENODINIUM.*

1. C. *Glaucoma* 1/96‴. II. C. *margaritaceum* 1/84‴. III. C.? *planum* 1/220‴. IV. C.? *lendiforme* 1/265‴. V. CH. *Globulus* 1/240‴. VI. CH. *constricta* 1/30‴. VII. P. *Enchelys* 1/96‴. VIII. P. *Volvox* 1/72‴. IX. P. *Lagenula* 1/48‴. X. CH. *armata* 1/52‴. XI. CH. *aspera* 1/48‴. XII. CH. *volvocina* 1/96‴. XIII. P. *cinctum* 1/48‴. XIV. P. *Pulvisculus* 1/96‴. XV. P. *fuscum* 1/24‴. XVI. P. *acuminatum* 1/48‴. XVII. P. *cornutum* 1/12‴. XVIII. P. *Tripos* 1/12‴. XIX. P. *Michaëlis* 1/48‴. XX. P. *Fusus* 1/8‴. XXI. P. *Furca* 1/10‴. XXII. G. *cinctum* 1/48‴. XXIII. G. *tabulatum* 1/36‴. XXIV. G. *apiculatum* 1/36‴.

gez. v. Ehrenberg. *gest. v. Weber.*

I.

II.

I. 4.

II. 2.

III.

III. 1.

I. 1.

II. 1.

I. 3.

II. 3.

III. 2.

I. 2.

III. 6.

II. 4.

III. 3.

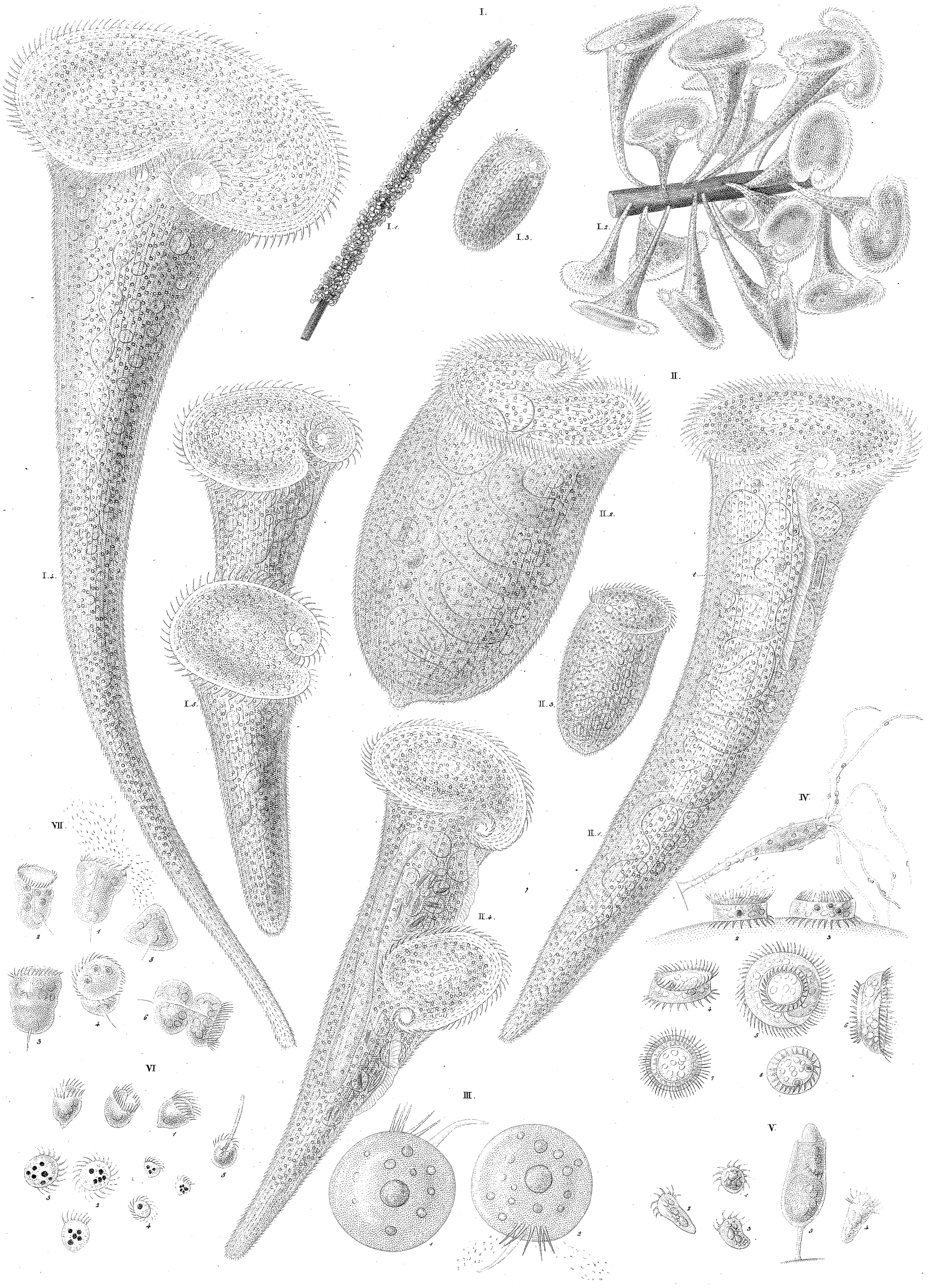
III. 4.

III. 5.

STENTOR.

I. ST. *Mülleri* – 1/2‴. II. ST. *caeruleus* – 1/4‴. III. ST. *niger* – 1/8‴.

gez. v. Ehrenberg. *gest. v. Wienker.*



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

I. **ST.** *polymorphus* 1/3‴. II. **ST.** *Roeselii* 1/3. III. **T.** *tentaculata* 1/24‴. IV. **T.** *Pediculus* 1/24‴.
V. **T.** *vorax* 1/48‴. VI. **T.** *Grandinella* 1/72‴. VII. **U.** *Turbo* 1/24‴.

gez. v. Ehrenberg. *gest. v. Wienker.*

I.

II.

III.

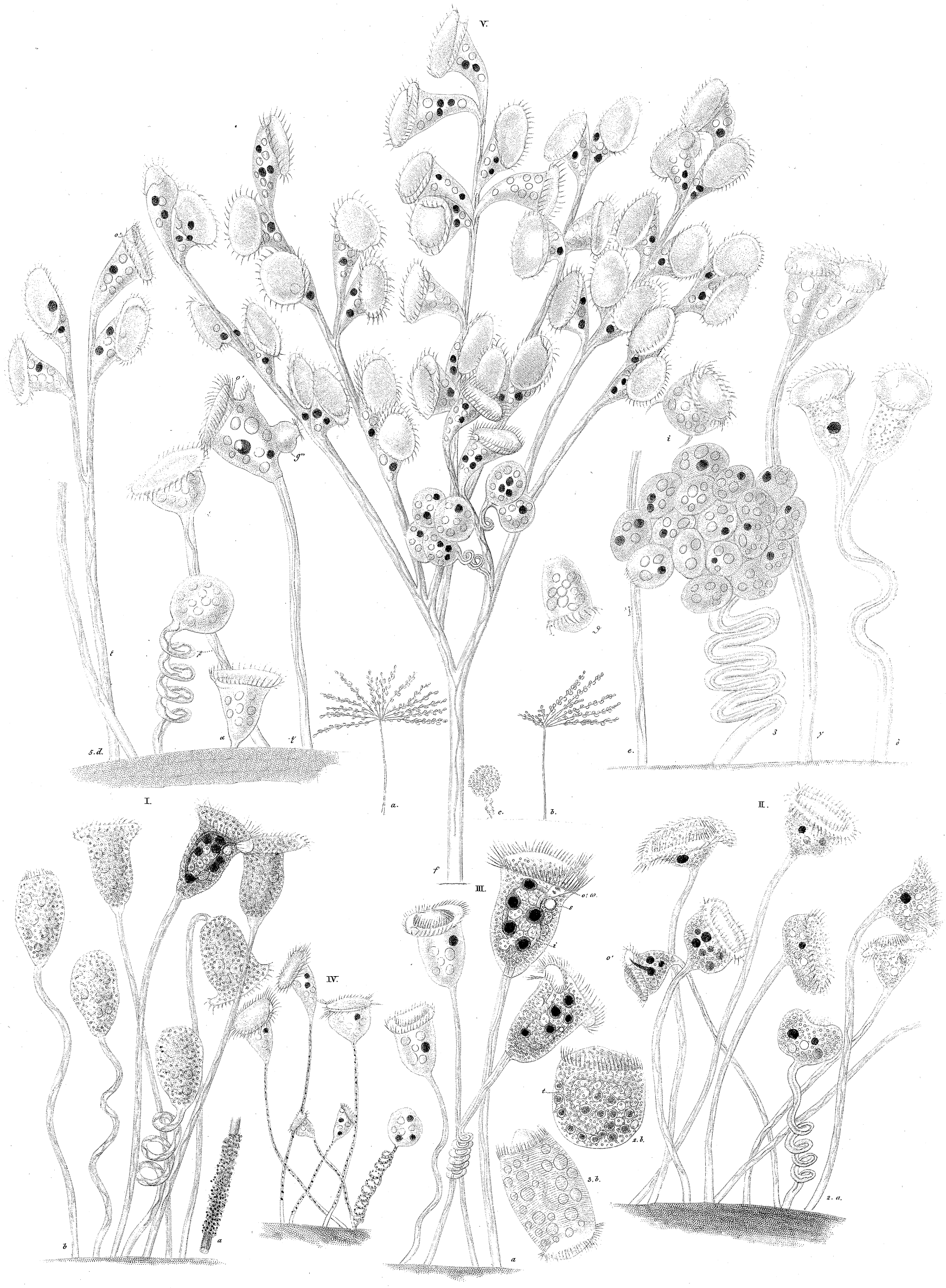
IV.

V.

VORTICELLA.

I. V. *nebulifera* 1/24‴. II. V. *citrina* 1/48‴. III. V. *microstoma* 1/20‴. IV. V. *Campanula* 1/10‴. V. V. *hamata* 1/48‴.

gez. v. Ehrenberg. *gest. v. C.E. Weber.*



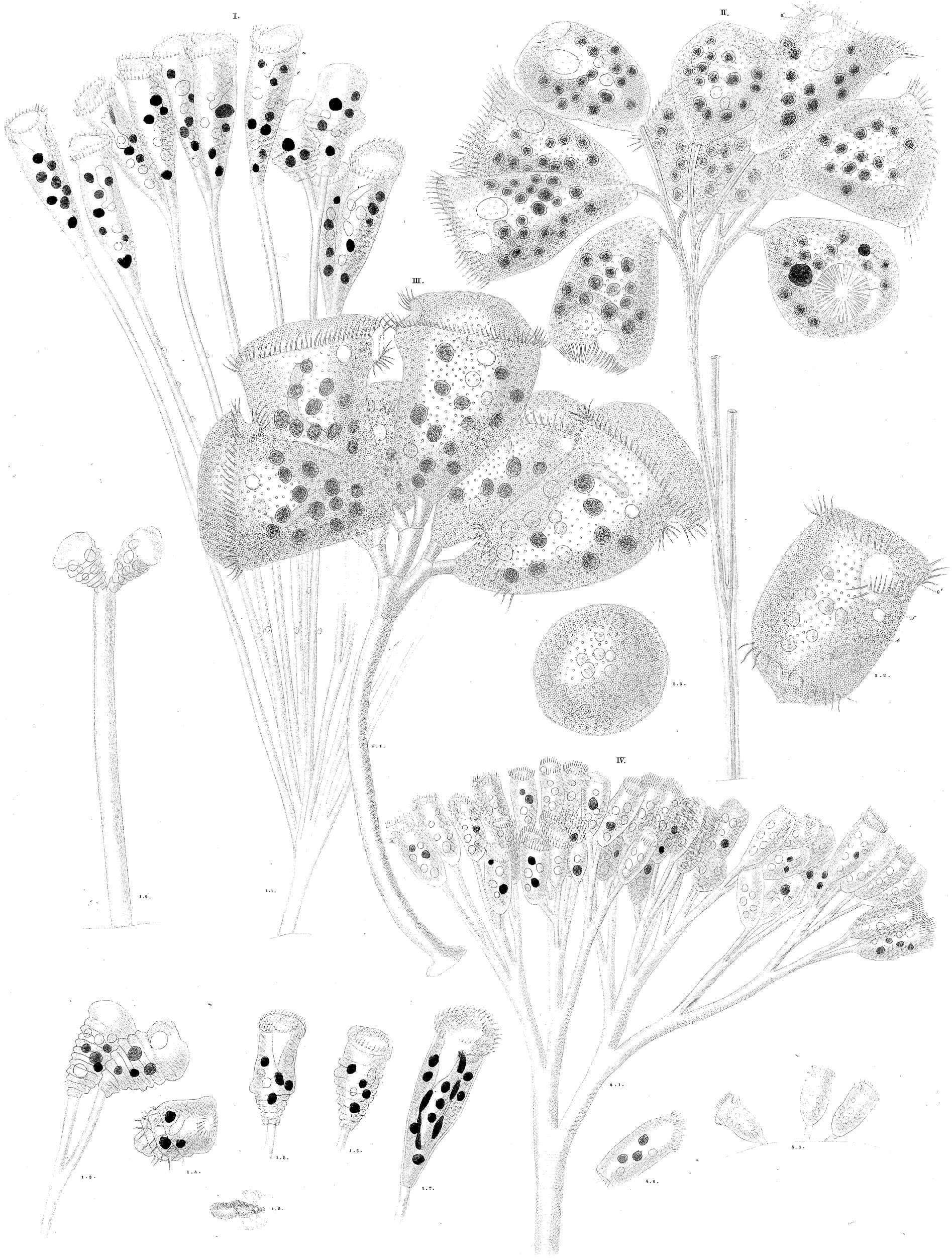
I–IV. VORTICELLA V CARCHESIUM.

I. V. *chlorostigma* 1/20‴. II. V. *patellina* 1/24‴. III. V. *Convallaria* 1/20‴. IV. V. *picta* 1/48‴.
V. C. *polypinum* 1/36‴.

gez. v. Ehrenberg. gest. v. Weber.

EPISTYLIS.

I. E. *Galea* ½10‴. II. E. *anastatica* ½24‴. III. E. *grandis* ½10‴. IV. E. *Botrytis* ½200‴. V. E.? *vegetans* ½288‴. VI. E.? *parasitica* ½10‴. VII. E. *arabica* ½36‴.

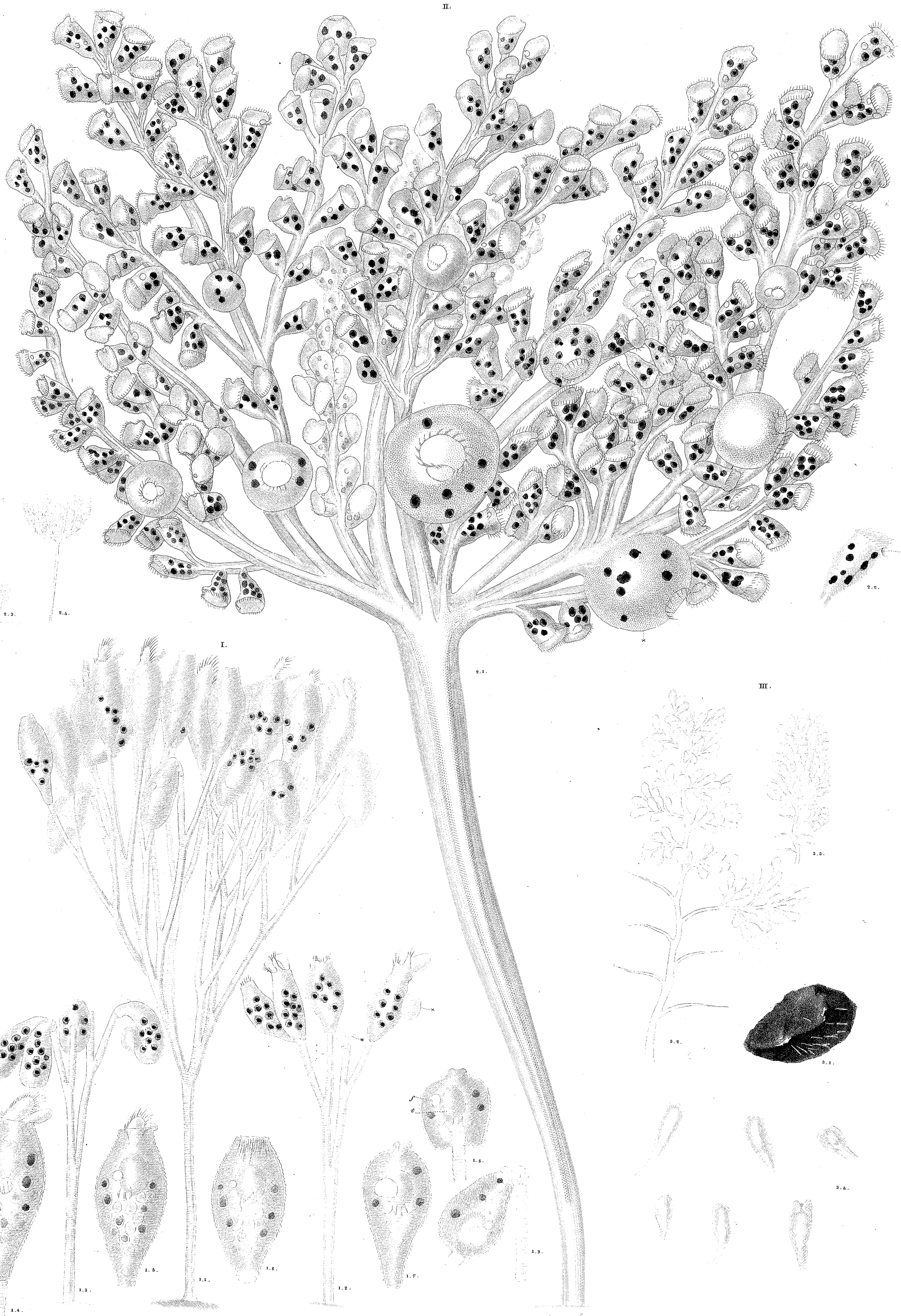


EPISTYLIS.

I. E. *plicatilis* ~ 1/18‴ II. E. *flavicans* ~ 1/16‴ III. E. *leucoa* ~ 1/10‴ IV. E. *digitalis* ~ 1/20‴

gez. v. Ehrenberg. *gest. v. C.H. Weber*

II.



I.

III.

I. EPISTYLIS II-III. ZOOTHAMNIUM

I E *nutans* 1/36‴. II. Z. *Arbuscula* 1/48‴. III. Z. *niveum* 1/18‴.

gez. v. Ehrenberg. *gest. v. C.E. Weber.*

I.

II.

III.

IV.

V.

VI.

VII.

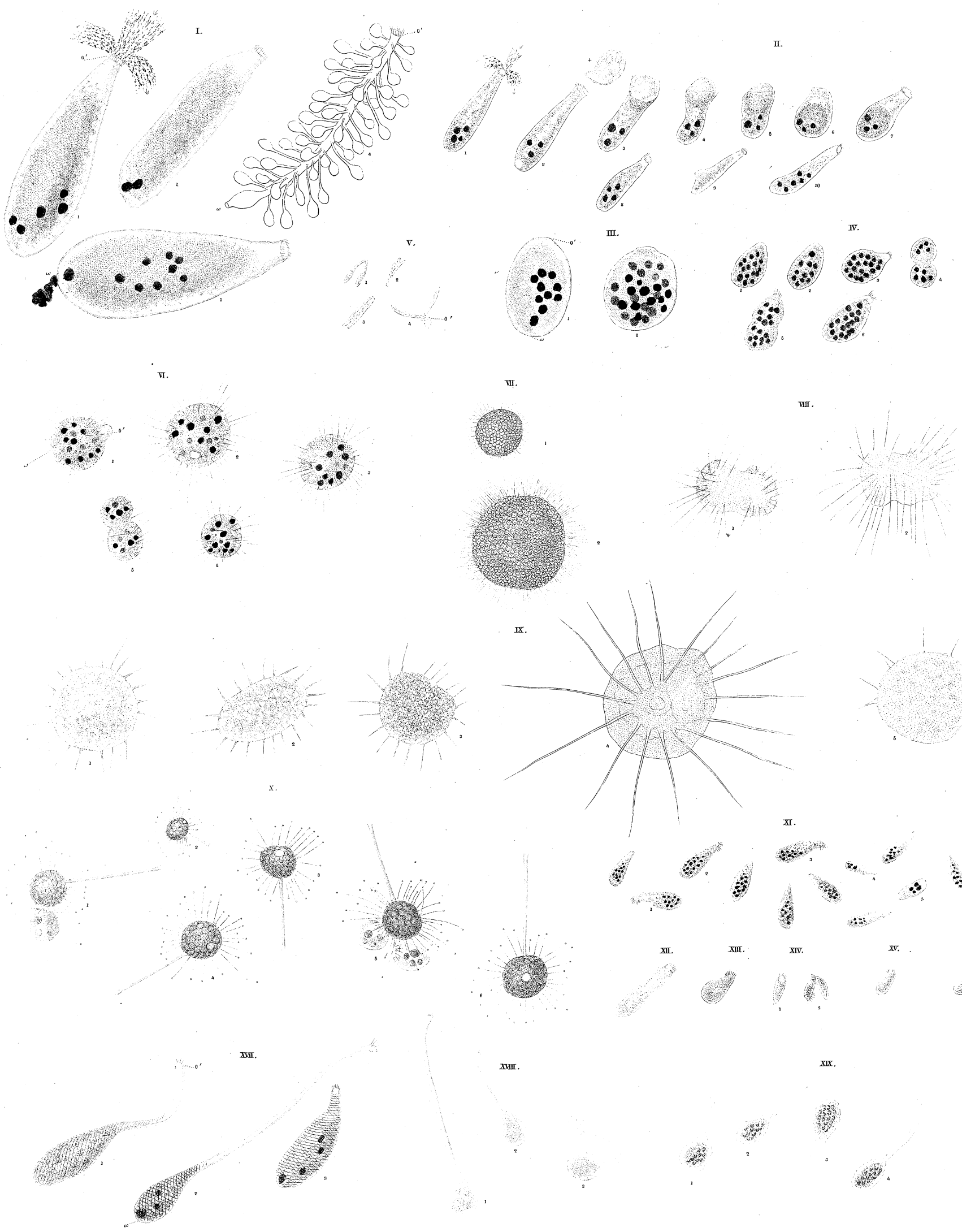
VIII.

IX.

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

I. O. *versatile* 1/10‴. II. T. *inquilinus* 1/20‴. III. T. *subulatus* 1/8‴. IV. V. *tincta* 1/24‴. V. V. *crystallina* 1/48‴.
VI. V. *decumbens* 1/24‴. VII. C. *imberbis* 1/24‴. VIII. C. *maritima* 1/48‴. IX. C. *havniensis* 1/9‴.

gez. v. Ehrenberg. *gest. v. Haas.*

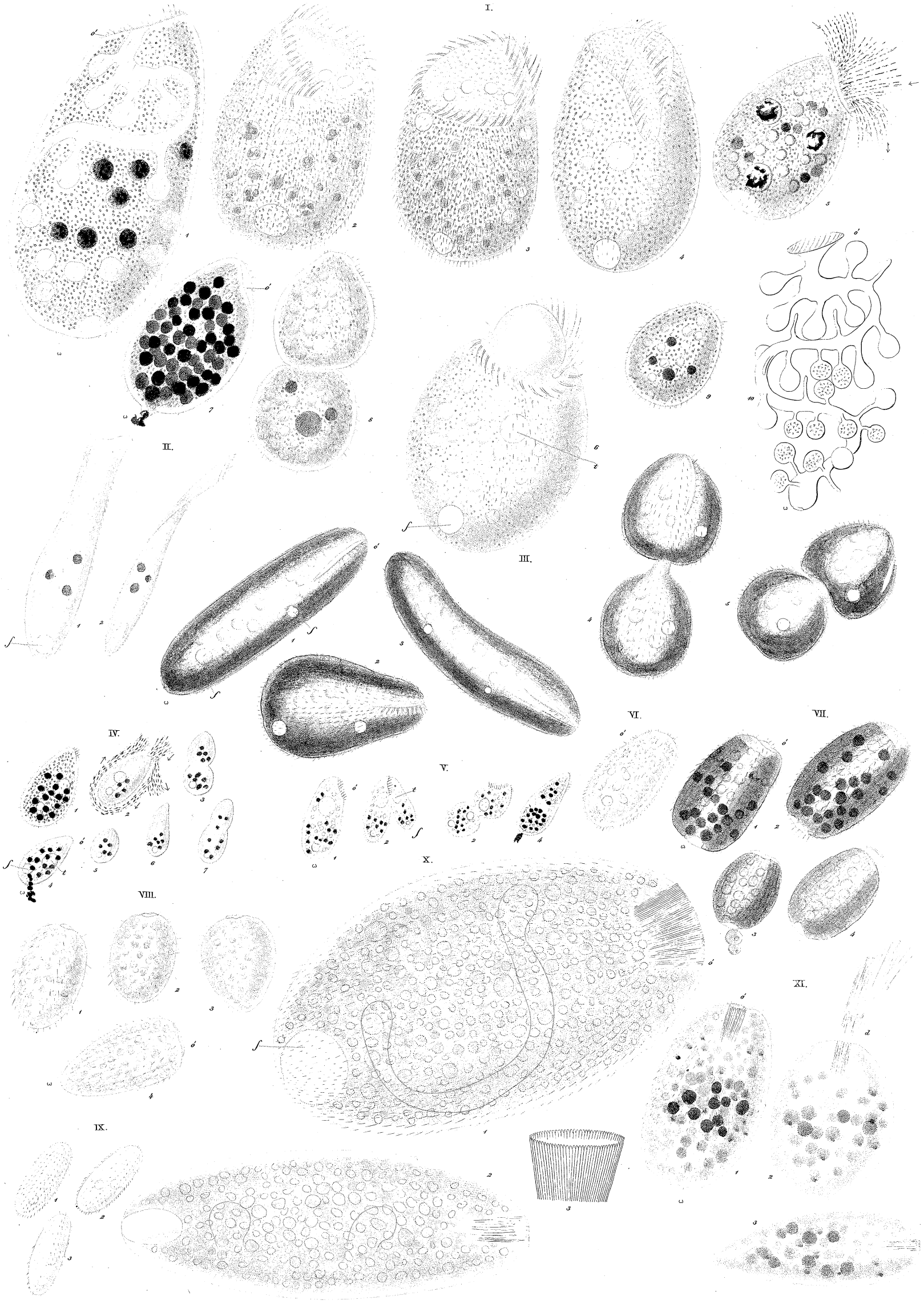


I.IV. ENCHELYS. V. DISOMA. VI.VIII. ACTINOPHRYS. IX. TRICHODISCUS. X. PODOPHRYA. XI.XVI. TRICHODA.

XVII.XIX. LACRYMARIA.

I. E. *Pupa* 1/12‴. II. E. *Farcimen* 1/36‴. III. E. *infuscata* 1/20‴. IV. E. *nebulosa* 1/48‴. V. D. *vacillans* 1/24‴. VI. A. *Sol* 1/36‴. VII. A. *viridis* 1/24‴. VIII. A. *difformis* 1/24‴. IX. T. *Sol* 1/18‴. X. P. *fixa* 1/36‴. XI. T. *pura* 1/60‴. XII. T. *Vasamonum* 1/24‴. XIII. T. *ovata* 1/40‴. XIV. T. *aethiopica* 1/50‴. XV. T. *asiatica* 1/72‴. XVI. T. *Pyrum* 1/100‴. XVII. L. *Proteus* 1/12‴. XVIII. L. *Gutta* 1/18‴. XIX. L. *rugosa* 1/24‴.

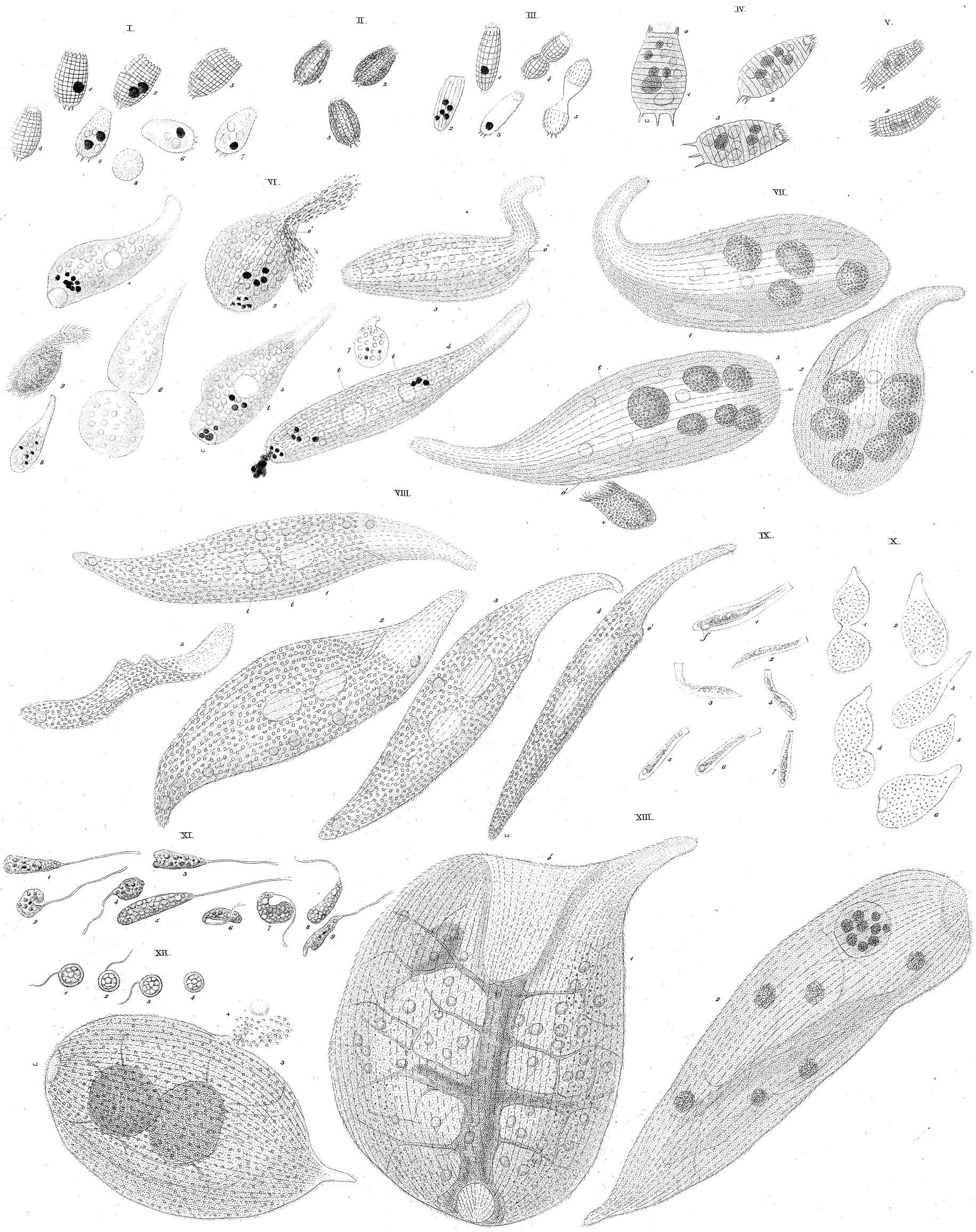
gez. v. Ehrenberg. *gest. v. C.E.Weber.*



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

I. L. *patula* – 1/8‴. II. L. *Spathula* – 1/12‴. III. L. *sanguinea* – 1/12‴. IV. L. *pyriformis* – 1/24‴. V. L. *carnium* – 1/36‴. VI. L. *Anodontae* – 1/36‴.

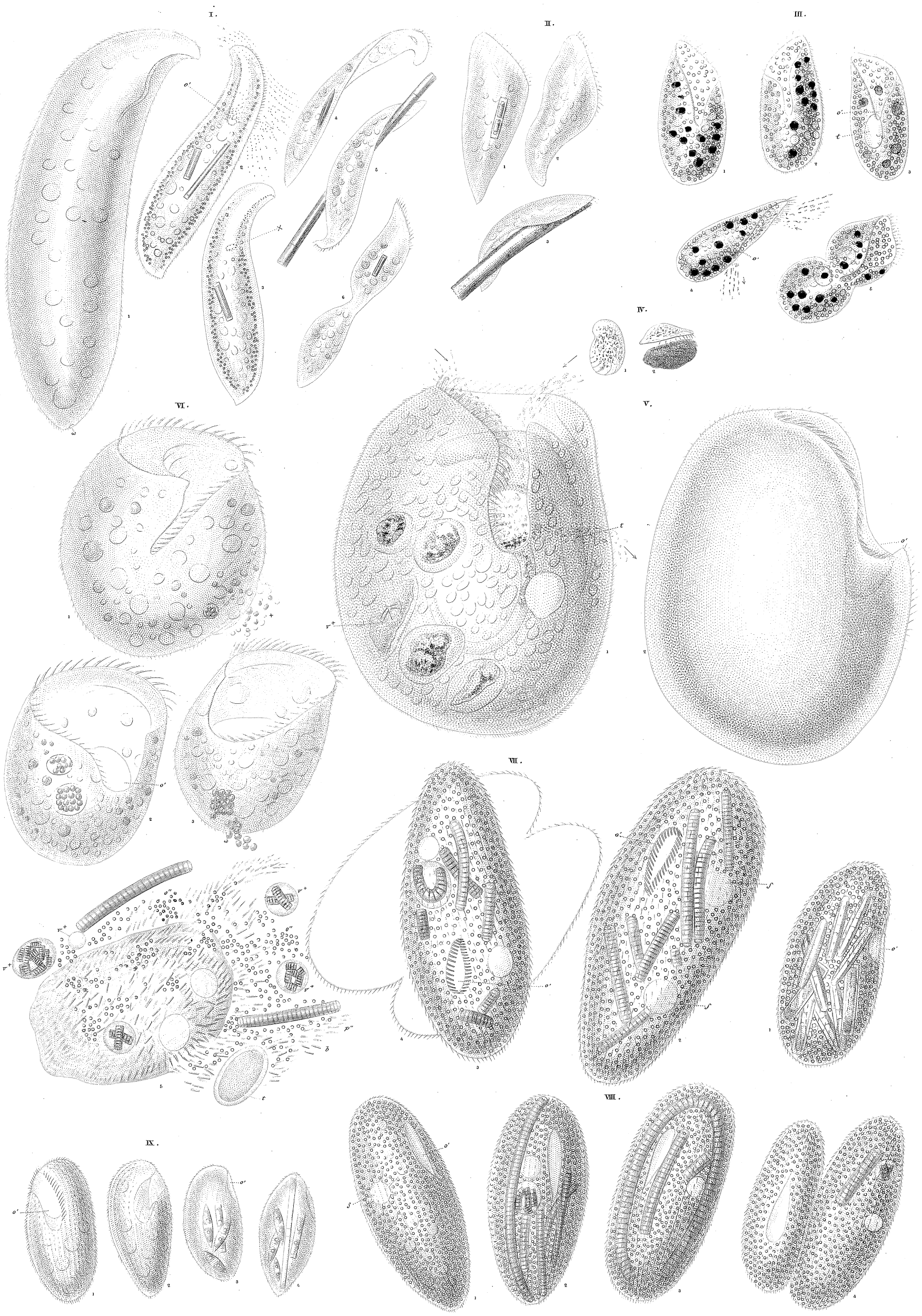
VII. H. *Ovum* – 1/8‴. VIII. H. *discolor* – 1/20‴. IX. H. *Coleps* – 1/24‴. X. P. *niveus* – 1/6‴. XI. P. *teres* – 1/12‴.



I–V. **COLEPS.** VI – XIII. **TRACHELIUS.**

I. C. *hirtus* – 1/36‴. II. C. *viridis* – 1/48‴. III. C. *elongatus* 1/36‴. IV. C. *amphacanthus* – 1/47‴. V. C. *incurvus* – 1/56‴. VI. T. *Anas* – 1/10‴. VII. T. *vorax* – 1/10‴. VIII. T. *Meleagris* 1/6‴. IX. T. *Lamella* – 1/24‴. X. T. *Anaticula* – 1/24‴. XI. T. *trichophorus* – 1/12‴. XII. T. *globulifer* – 1/100‴. XIII. T. *Ovum* – 1/6‴.

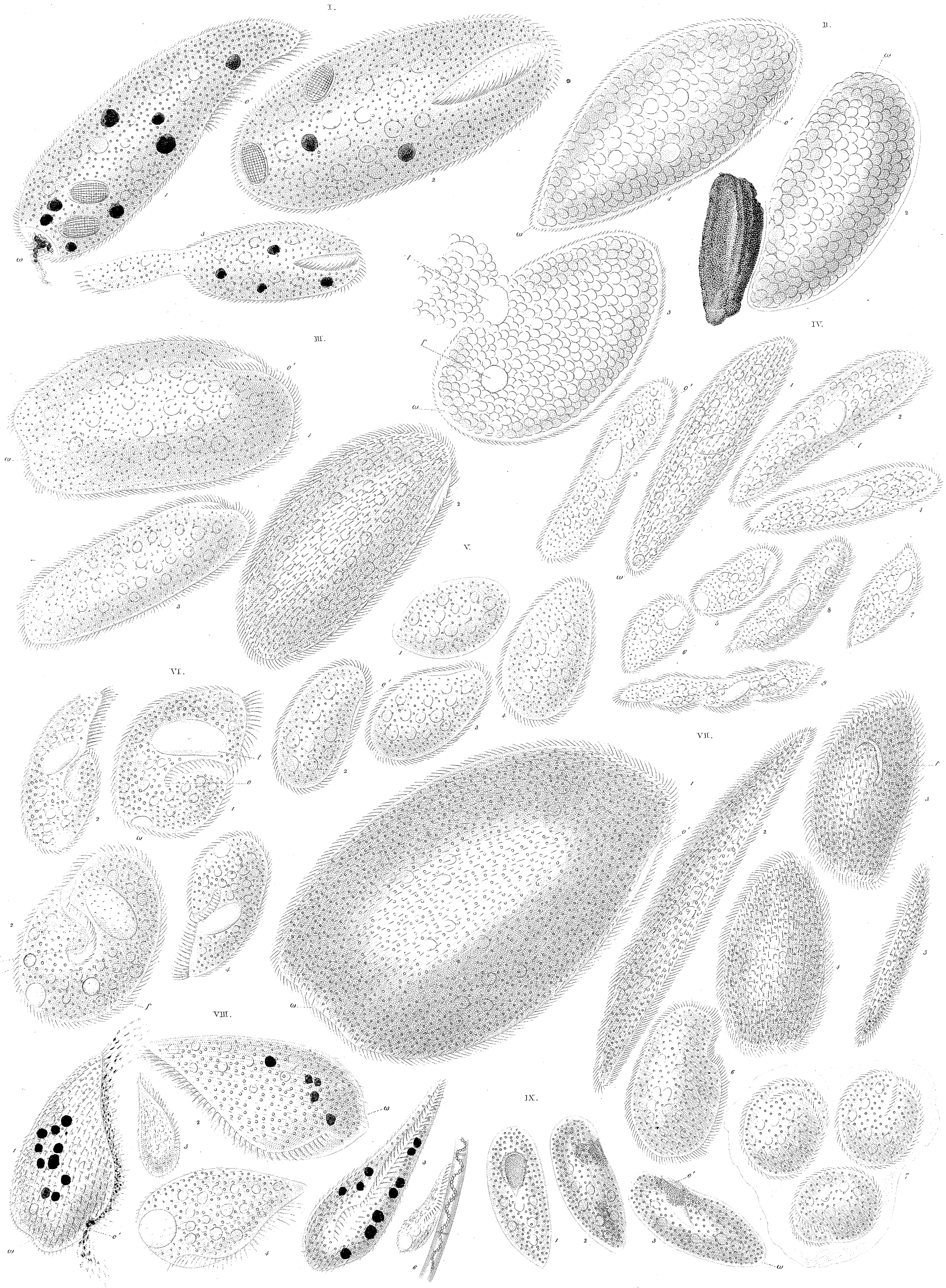
gez. v. Ehrenberg *gest. v. C. E. Weber.*



I–IV. LOXODES. V–IX. BURSARIA.

I. L. *Rostrum* 1/5 ″. II. L. *Cithara* 1/18 ″. III. L. *Bursaria* 1/24 ″. IV. L. *plicatus* 1/36 ″. V. B. *truncatella* 1/3 ″. VI. B. *Vorticella* 1/9 ″. VII. B. *vernalis* 1/10 ″. VIII. B. *Leucas* 1/12 ″. IX. B. *Pupa* 1/24 ″.

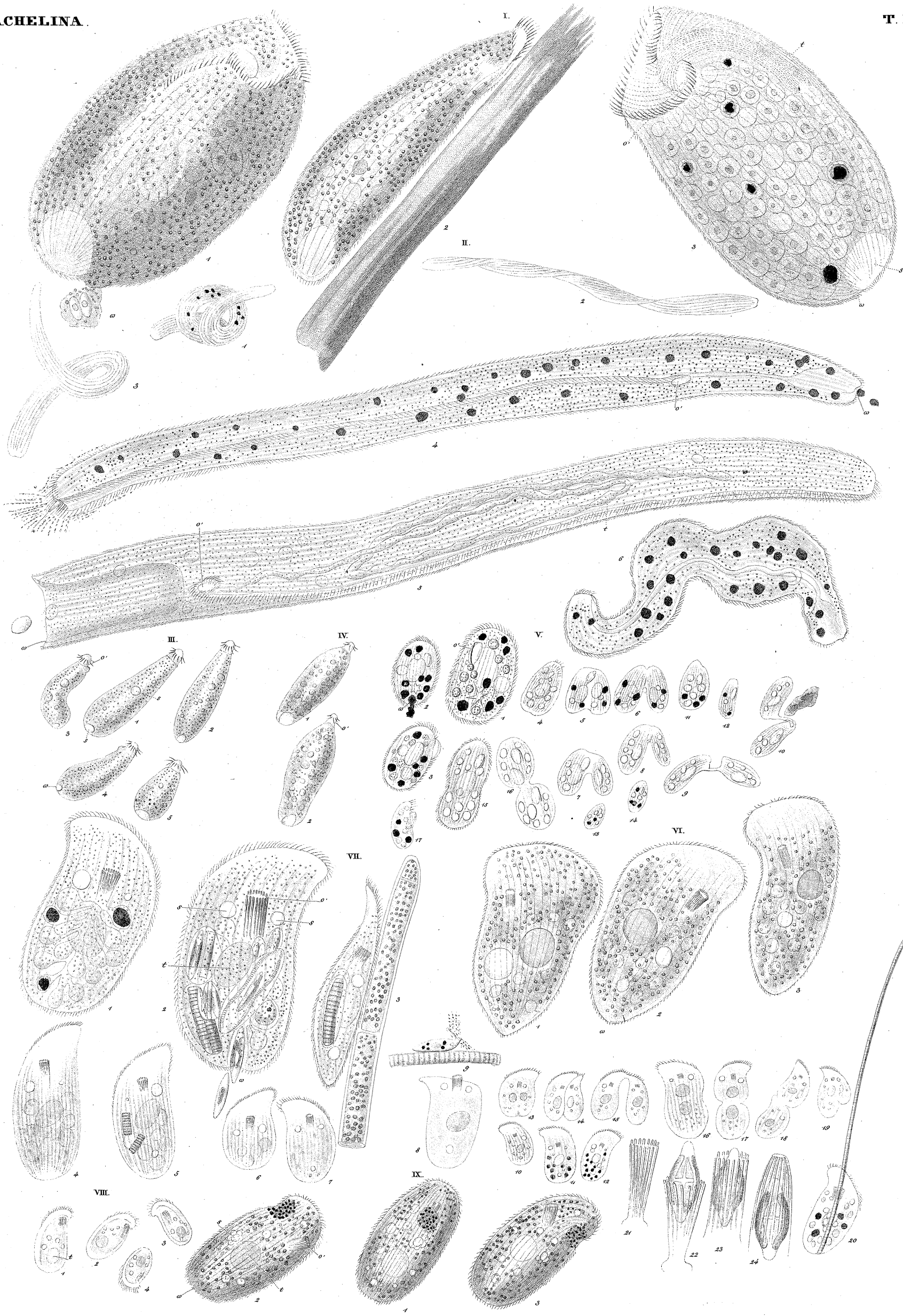
gez. v. Ehrenberg. *gest. v. Wienker.*



BURSARIA.

I. B. *vorax* $_{-1/9}$‴. II. B. *flava* $_{-1/8}$‴. III. B. *Entozoon* $_{-1/8}$‴. IV. B. *intestinalis* $_{-1/10}$‴. V. B. *Nucleus* $_{-1/18}$‴. VI. B. *cordiformis* $_{-1/18}$‴. VII. B. *Ranarum* $_{-1/6}$‴. VIII. B. *lateritia* $_{-1/12}$‴. IX. B. *aurantiaca* $_{-1/24}$‴.

gez. v. Ehrenberg. *gest. v. Wienker.*

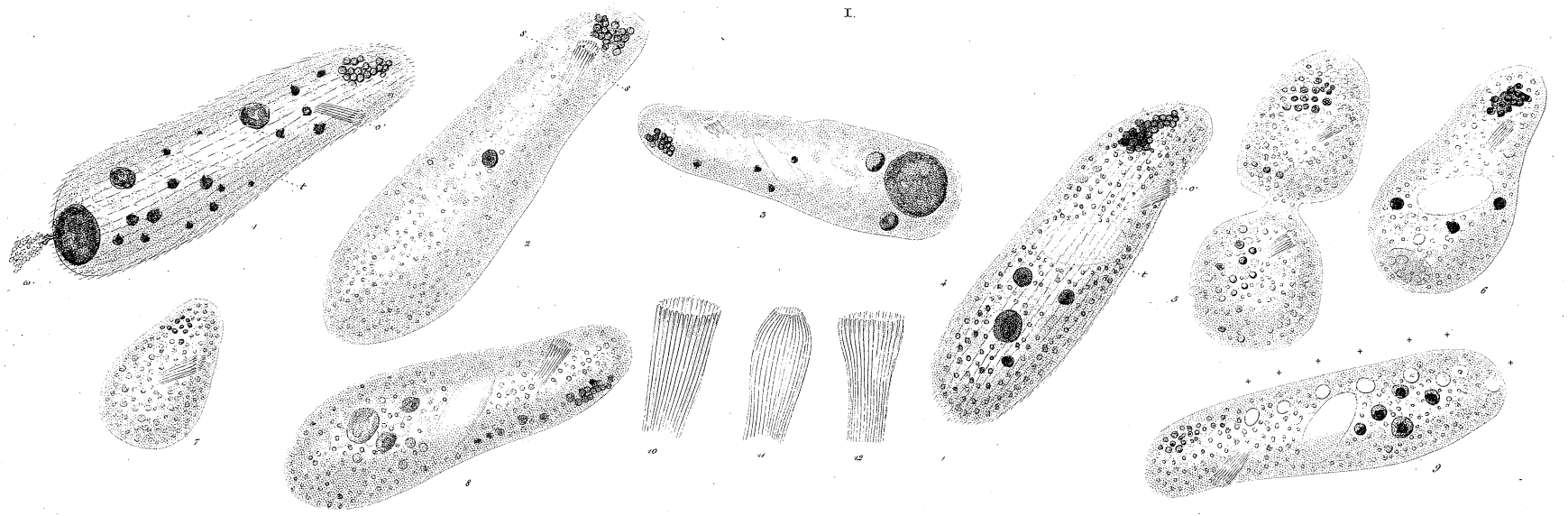


I-II. SPIROSTOMUM. III-IV. PHIALINA. V. GLAUCOMA. VI-IX. CHILODON.

I. SP. *virens* 1/10‴. II. SP. *ambiguum* 1/6‴. III. PH. *vermicularis* 1/20‴. IV. PH. *viridis* 1/24‴. V. G. *scintillans* 1/24‴. VI. CH. *aureus* 1/12‴.

VII. CH. *Cucullulus* 1/12‴. VIII. CH. *uncinatus* 1/36‴. IX. CH. *ornatus* 1/15‴.

I.



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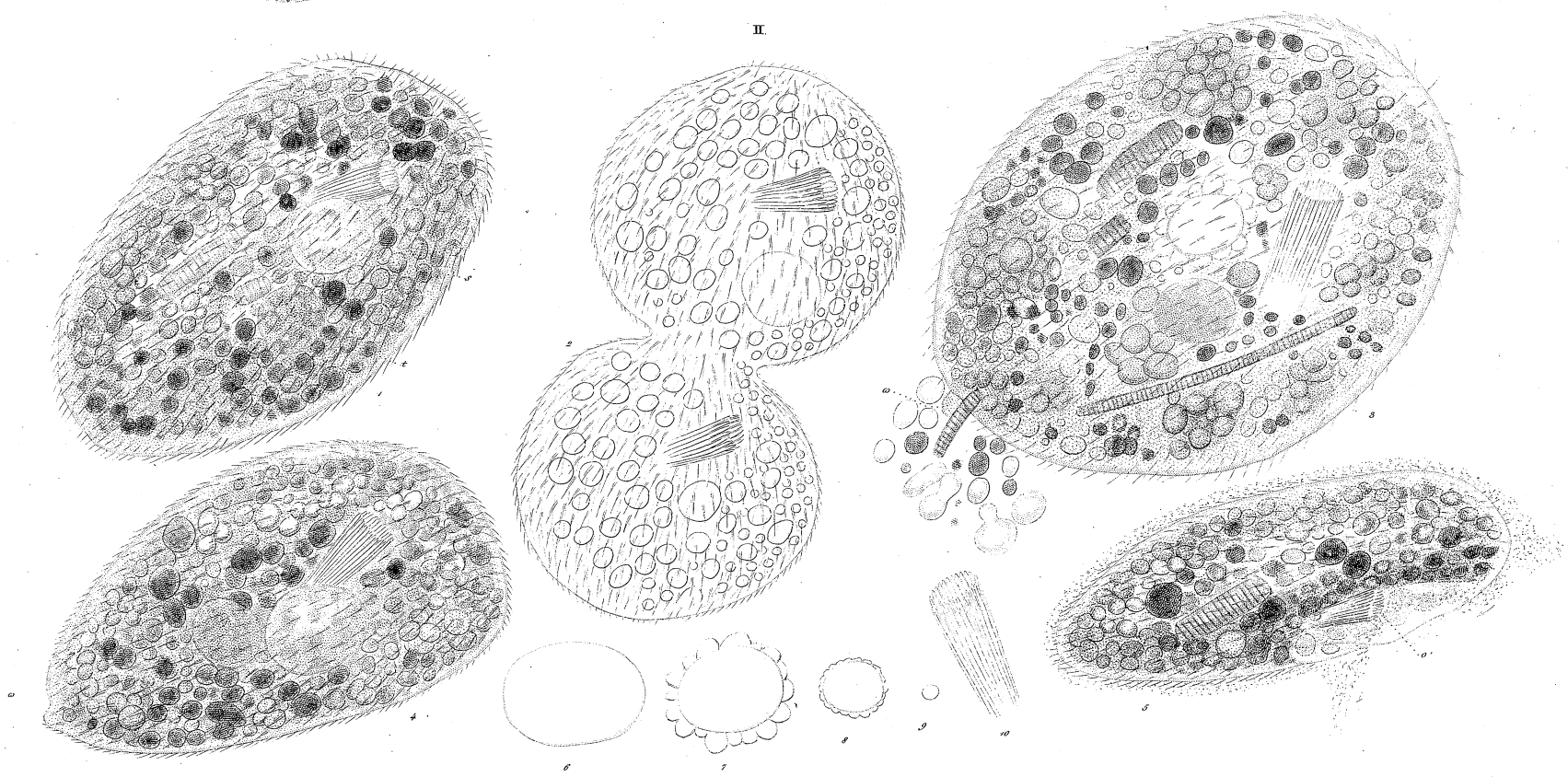

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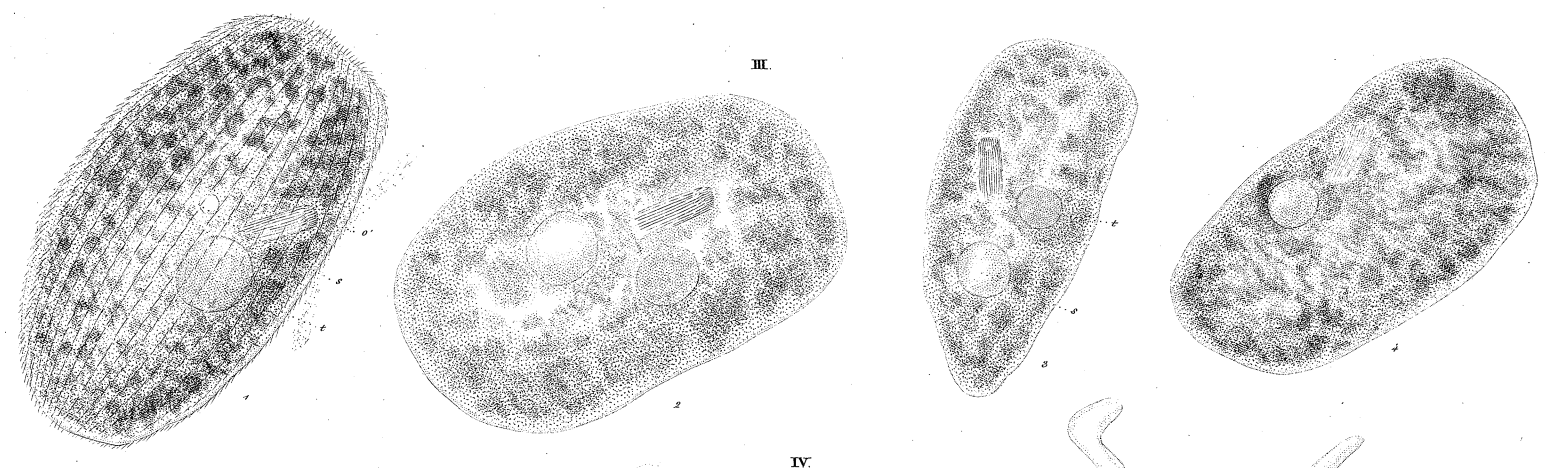

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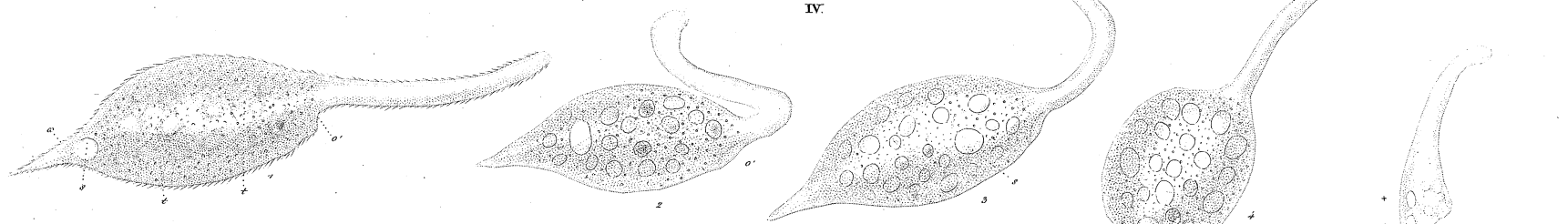

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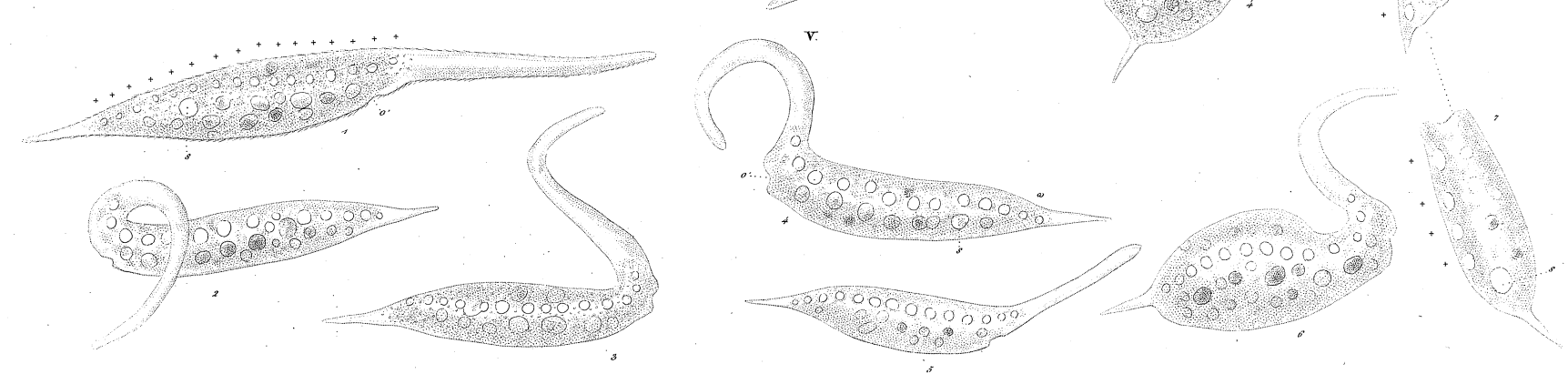
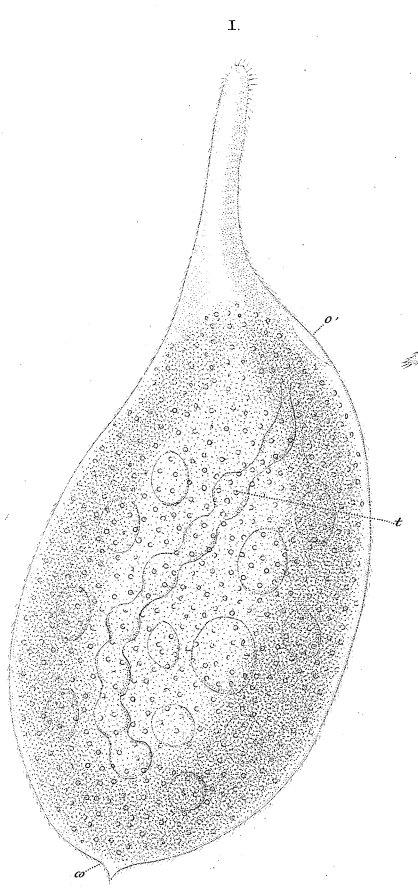
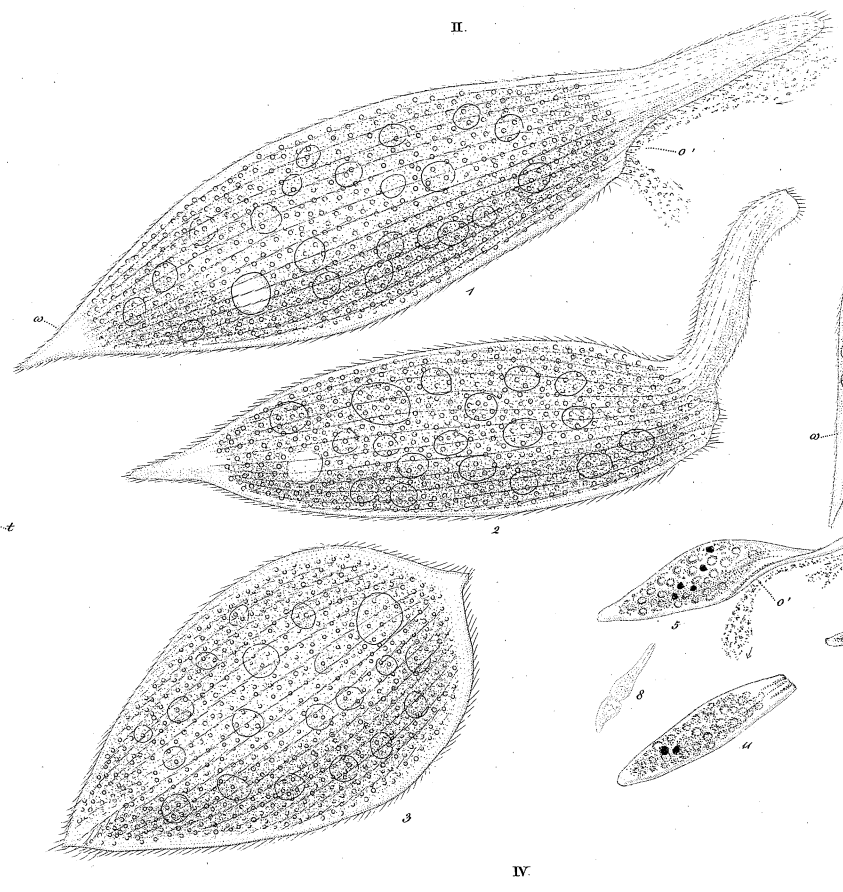


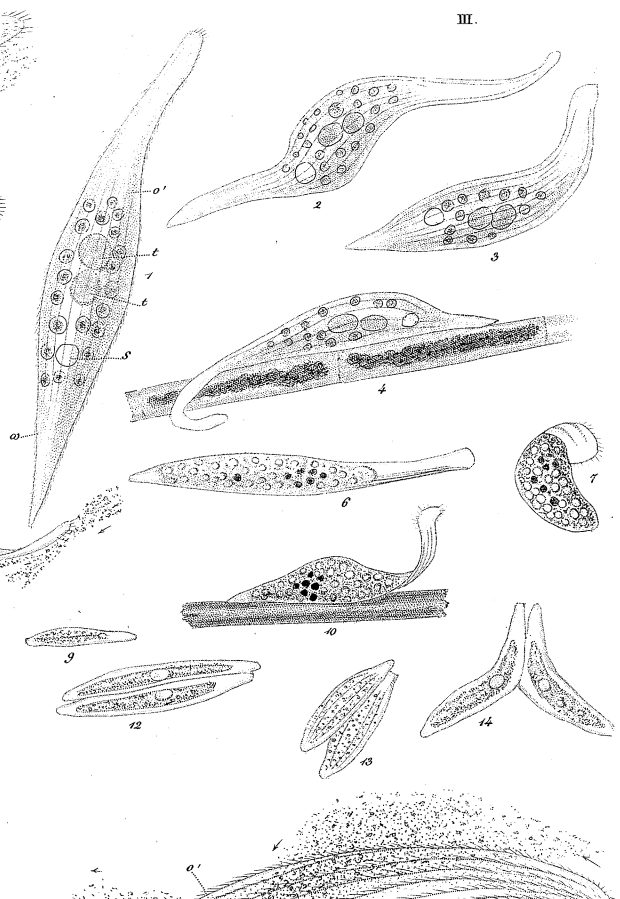
I–III. NASSULA. IV–V. AMPHILEPTUS.

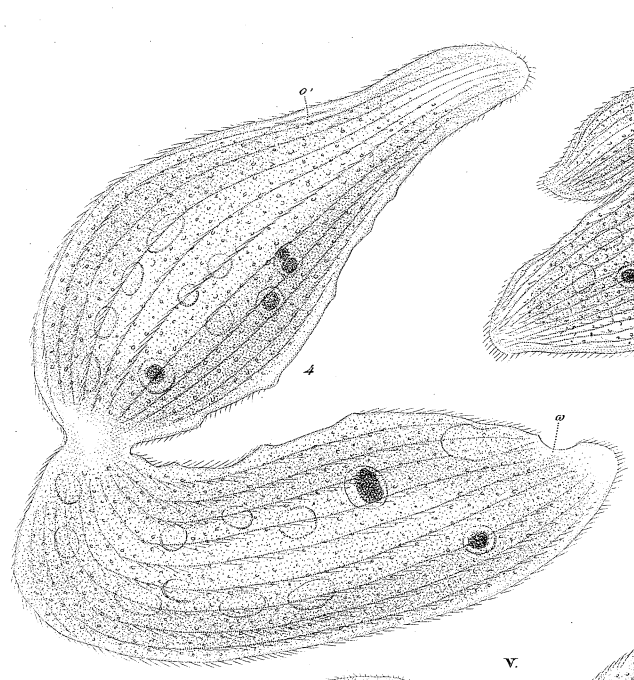
I. *N. elegans* 1/10‴. II. *N. ornata* 1/8‴. III. *N. aurea* 1/10‴. IV. *A. Anser* 1/10‴. V. *A. margaritifer* 1/6‴.

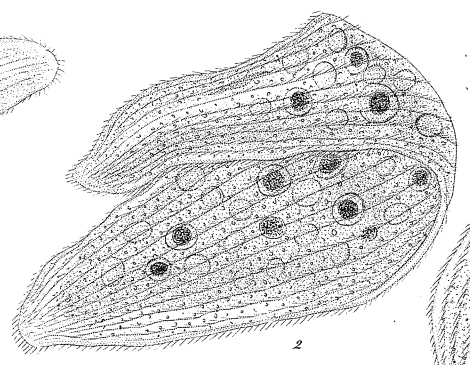
gez. v. Ehrenberg. *gest. v. C.E. Weber.*

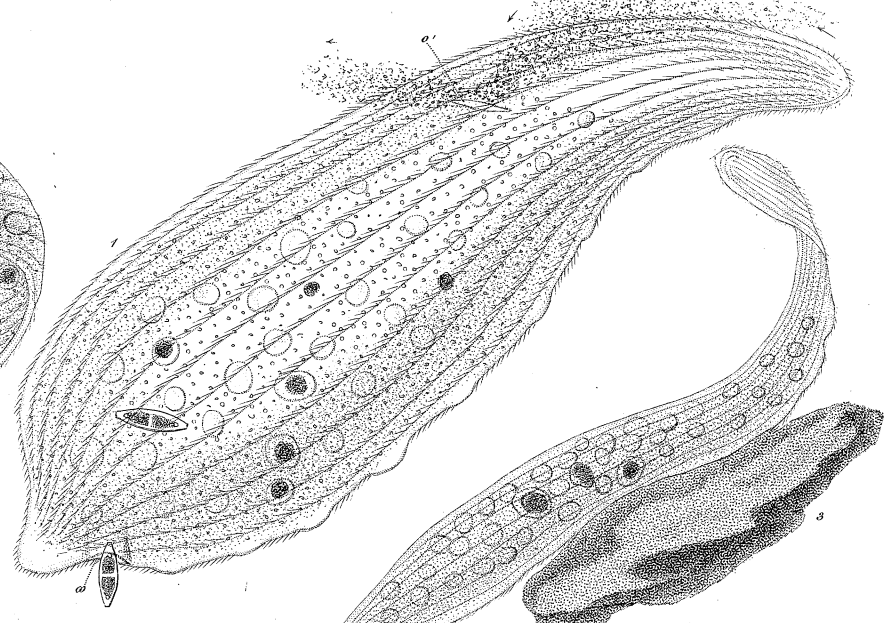


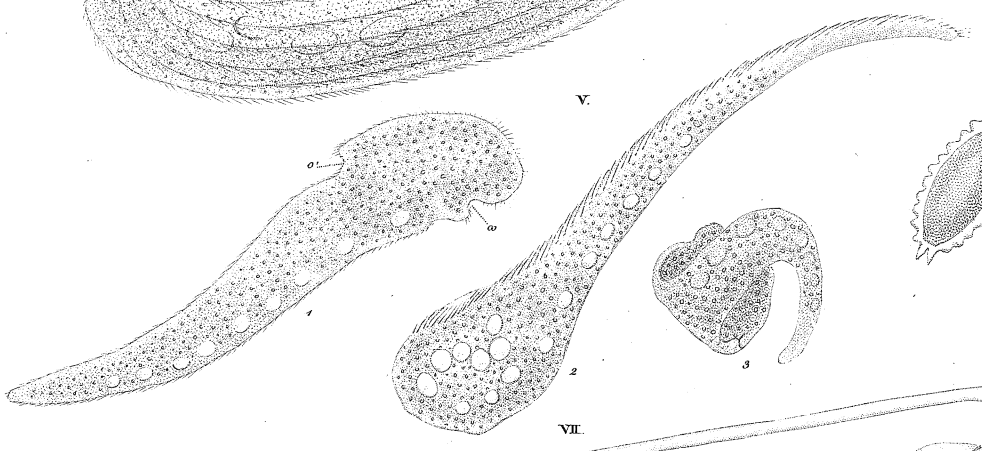


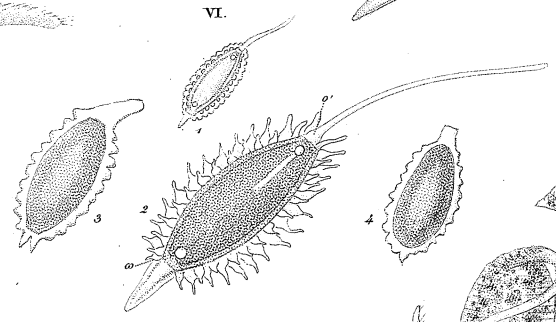


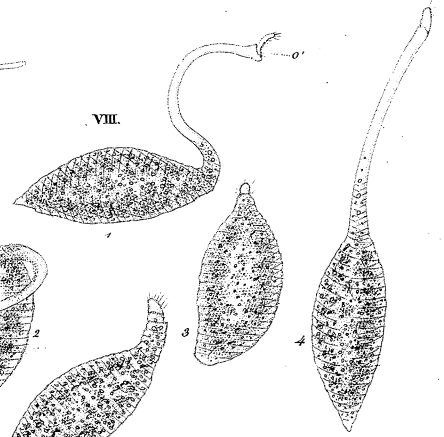


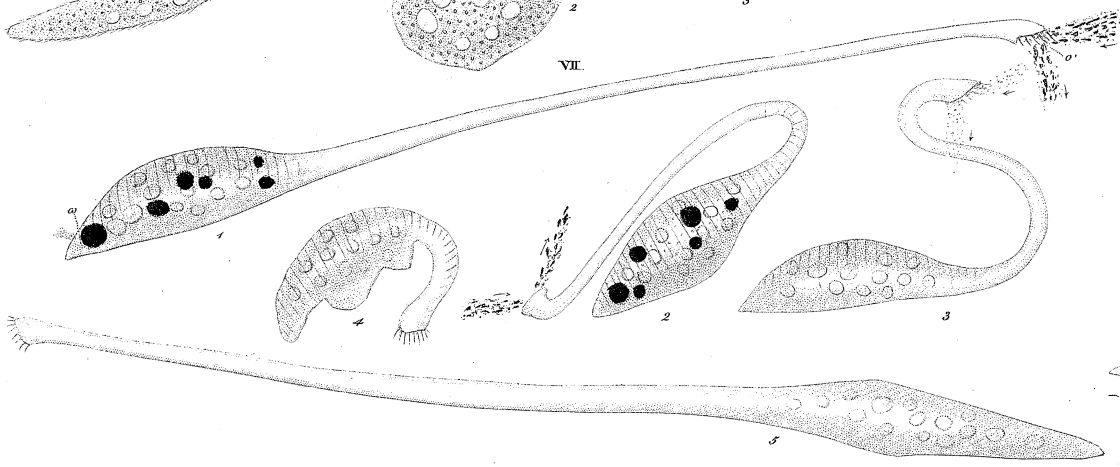


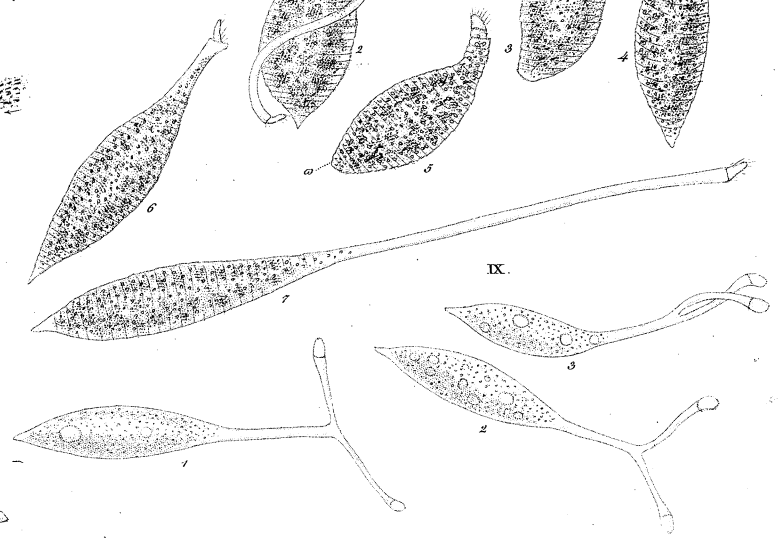












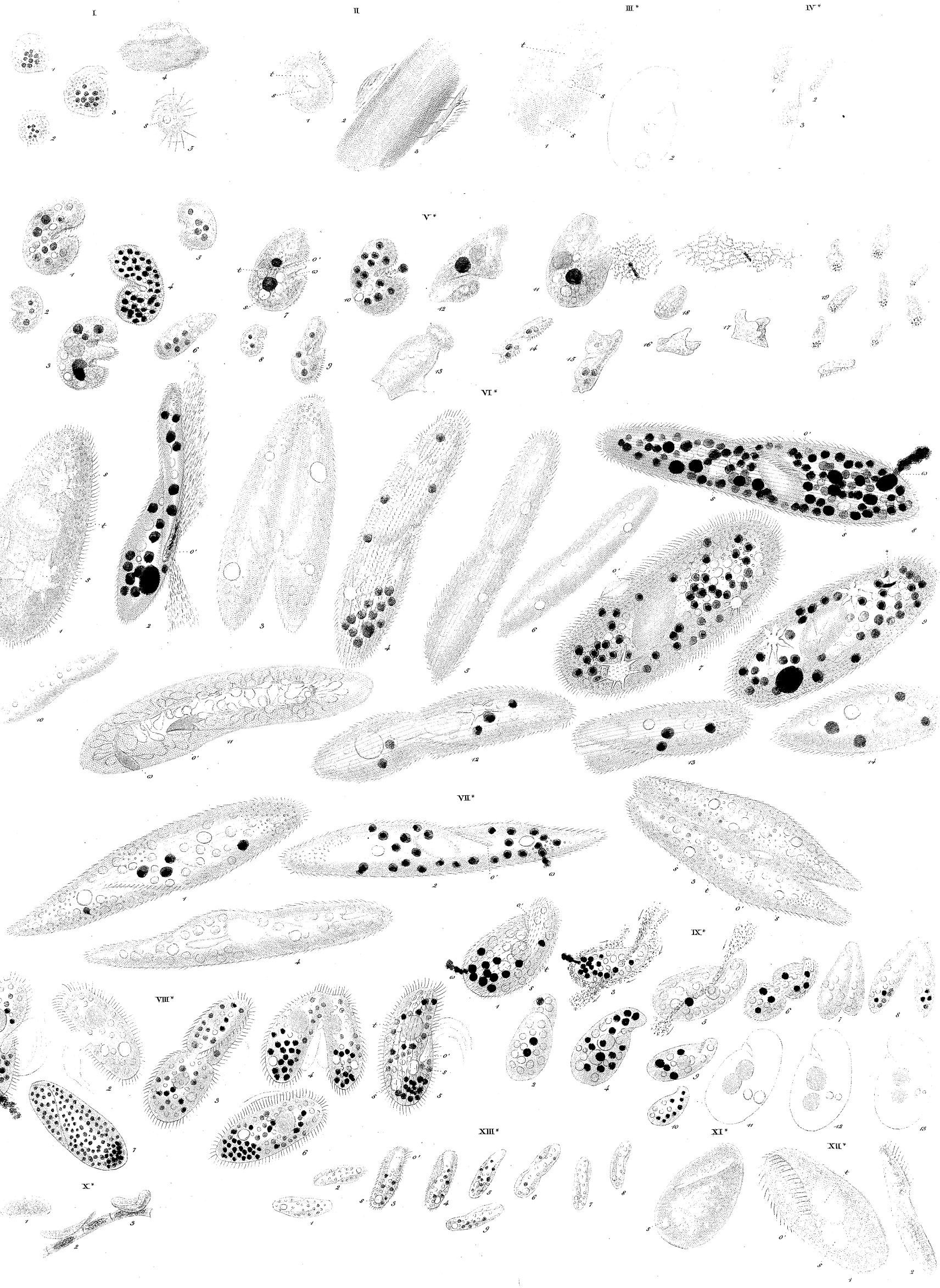
I–VI. **AMPHILEPTUS.** VII. IX. **TRACHELOCERCA.**

I. **A.** *moniliger* 1/6‴. II. **A.** *viridis* 1/8‴. III. **A.** *Fasciola* 1/12‴. IV. **A.** *Meleagris* 1/6‴. V. **A.** *longicollis* 1/8‴. VI. **A.** *papillosus* 1/36‴.

VII. **T.** *Olor* 1/3‴. VIII. **T.** *viridis* 1/10‴. IX. **T.** *biceps* 1/5‴.

gez. v. Eisenberg.

gest. v. C.E. Weber.

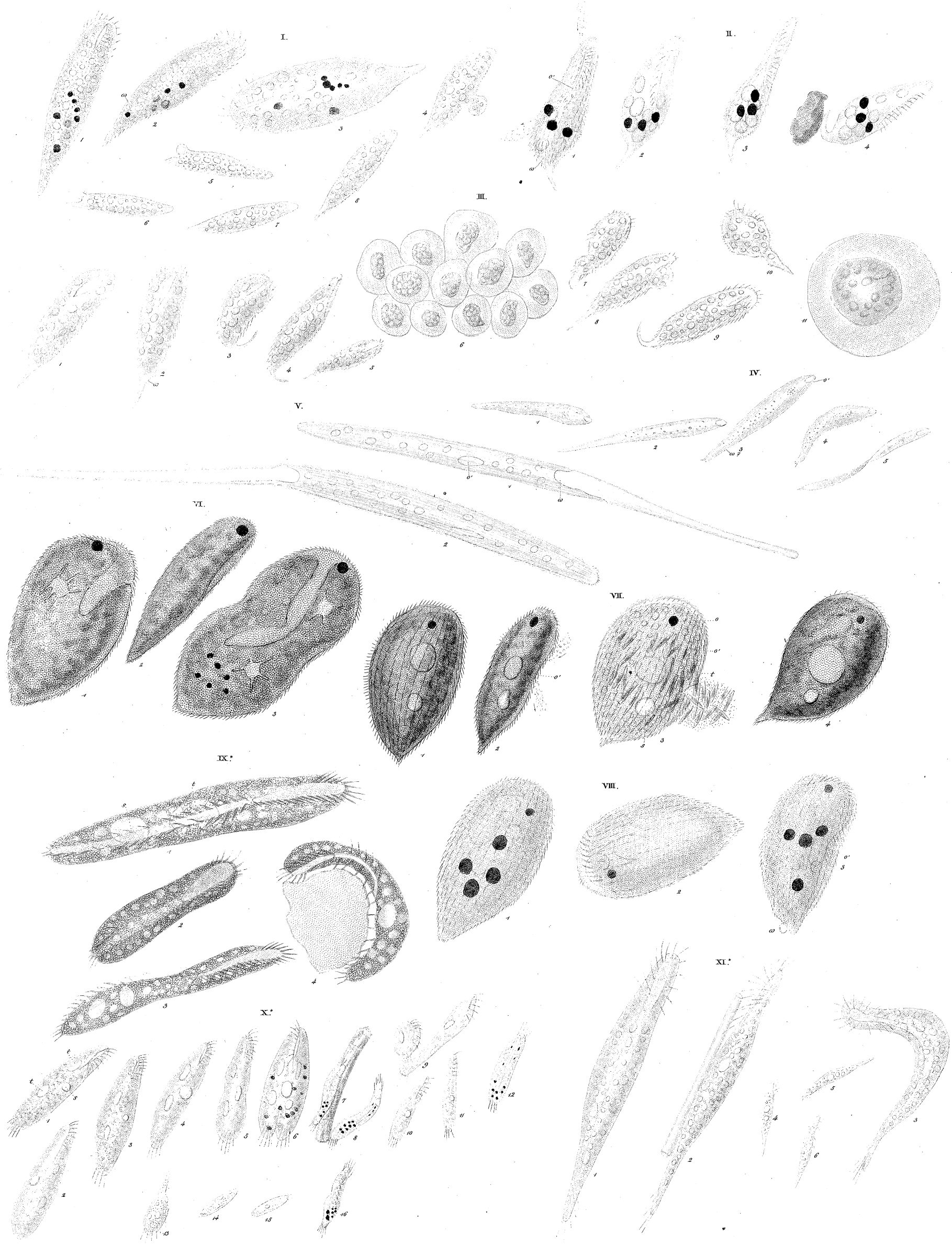


I. II. **ASPIDISCA**. III*–V*. **KOLPODA**. VI*–XIII*. **PARAMECIUM**.

I. **A.** *Lynceus* 1/48‴. II. **A.** *denticulata* 1/48‴. III. **K.**? *Ren* 1/24‴. IV. **K.**? *Cucullio* 1/15‴. V. **K.** *Cucullus* 1/24‴. VI. **P.** *Aurelia* 1/10‴. VII. **P.** *caudatum* 1/10‴. VIII. **P.** *Chrysalis* 1/16‴.

IX. **P.** *Kolpoda* 1/20‴. X. **P.**? *sinaiticum* 1/24‴. XI. **P.** *ovatum* 1/24‴. XII. **P.** *compressum* 1/18‴. XIII. **P.** *Milium* 1/96‴.

gez. v. Ehrenberg. *gest. v. C.E. Weber.*



I–V. **UROLEPTUS**. VI–VIII. **OPHRYOGLENA**. IX–XI. **OXYTRICHA**.

I. **U.** *Piscis* 1/12‴. II. **U.** *Musculus* 1/18‴. III. **U.** *Hospes* 1/20‴. IV. **U.** *Lamella* 1/18‴. V. **U.** *Filum* 1/4‴. VI. **O.** *atra* 1/15‴. VII. **O.** *acuminata* 1/15‴. VIII. **O.** *flavicans* 1/12‴.

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

gez. v. Ehrenberg.

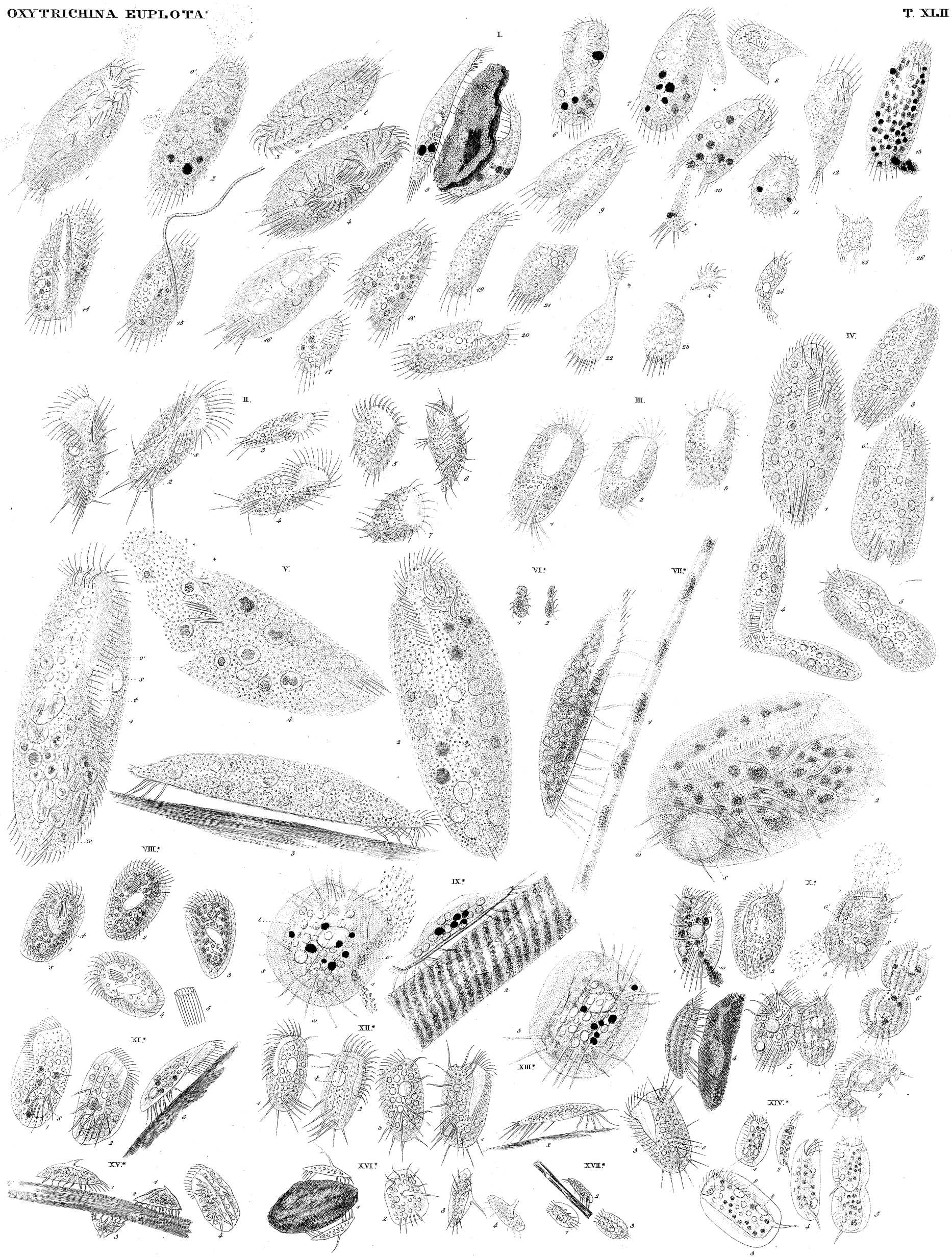
gest. v. C.E. Weber.

I. II. III. IV. V. VI. VII. VIII. IX.

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

I. O. *eurystoma* – 1/30‴. II. O. *gibba* – 1/20‴. III. O. *Pullaster* – 1/36‴. IV. O. *Cicada* – 1/72‴. V. O. *Lepus* – 1/8‴. VI. C. *cuneatum* – 1/36‴. VII. K. *Polyporum* – 1/12‴. VIII. U. *grandis* – 1/8‴. IX. ST. *Mytilus* – 1/8‴.

gez. v. Ehrenberg. *gest. v. C. Haas.*



I–V. STYLONYCHIA. VI: DISCOCEPHALUS. VII*. HIMANTOPUS. VIII: CHLAMIDODON. IX*–XVII: EUPLOTES.

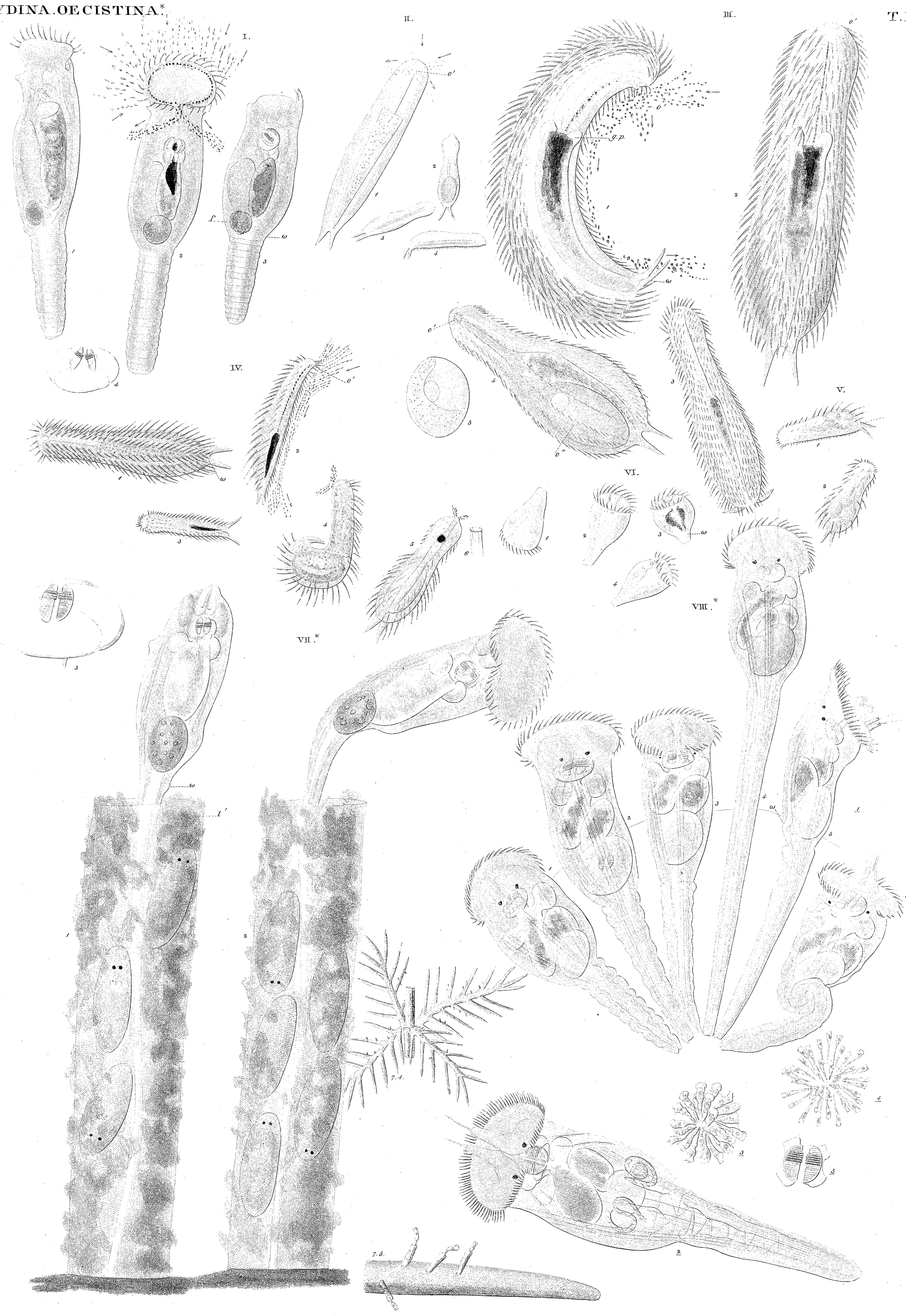
I. ST. *pustulata* 1/12‴. II. ST. *Silurus* 1/18‴. III. ST. *appendiculata* 1/24‴. IV. ST. *Histrio* 1/18‴. V. ST. *lanceolata* 1/10‴. VI: D. *rotatorius* 1/32‴. VII: H. *Charon* 1/15‴. VIII: CH. *Mnemosyne* 1/20‴.
IX: E. *Patella* 1/18‴. X: E. *Charon* 1/24‴. XI: E. *striatus* 1/20‴. XII: E. *appendiculatus* 1/20‴. XIII: E. *truncatus* 1/20‴. XIV: E.? *monostylus* 1/24‴.
XV: E.? *aculeatus* 1/36‴. XVI: E.? *turritus* 1/36‴. XVII: E.? *Cimex* 1/24‴.

gez. v. Ehrenberg.

gest. v. C.E. Weber.

ICHTHYDINA. OECISTINA.*

T. XLIII.

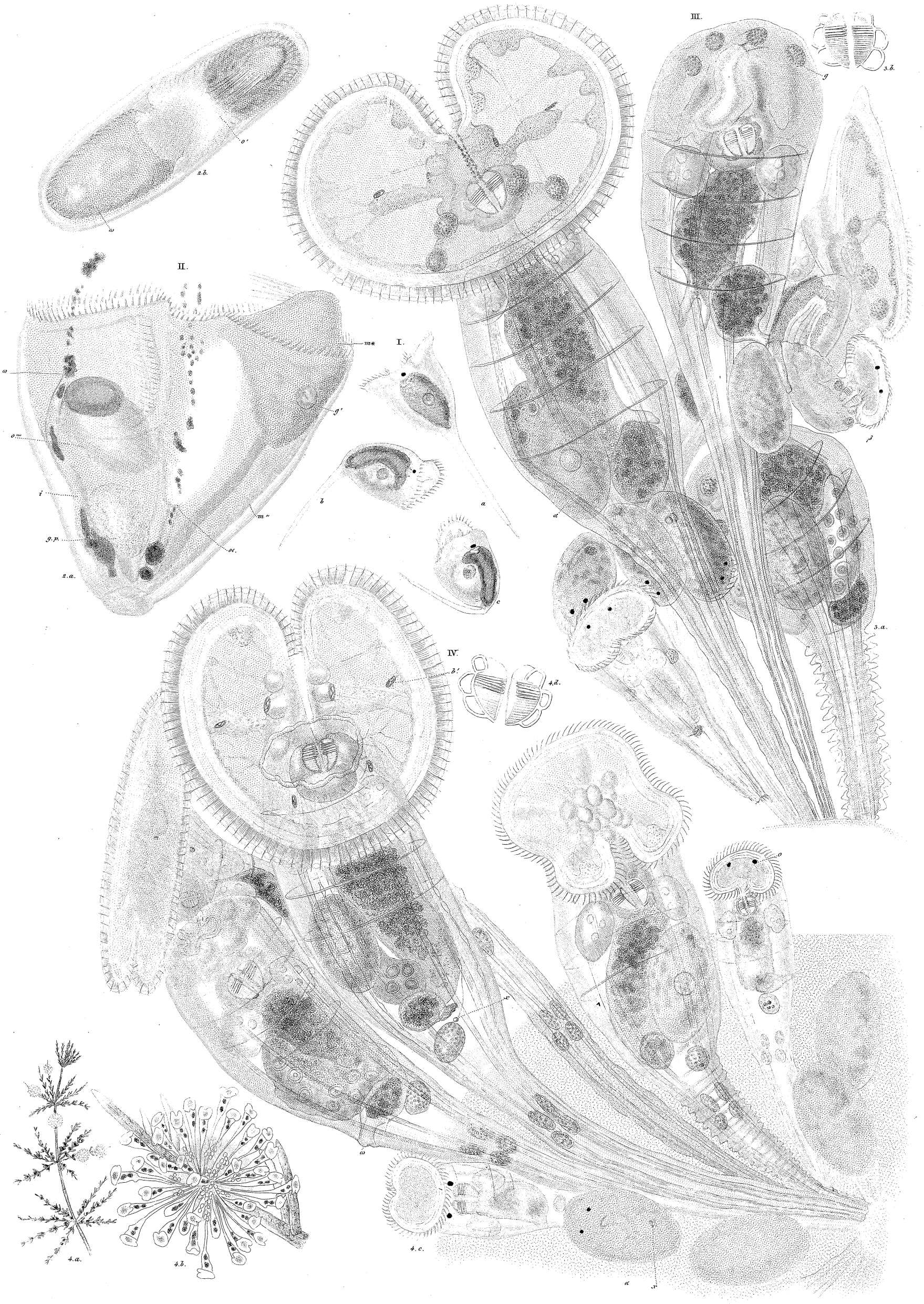


I. PTYGURA. II. ICHTHYDIUM. III–V. CHAETONOTUS. VI. GLENOPHORA.
VII.* OECISTES. VIII.* CONOCHILUS.

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‴.

gez. v. Ehrenberg.

gest. v. C. Haas.



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

I. M. *Clavus* - 1/8‴. II. C. *compressus* - 1/8‴. III. M. *flavicans* - 1/8‴. IV. L. *socialis* - 1/8‴.

gez. v. Ehrenberg. *gest. v. Weber.*

I.

II.

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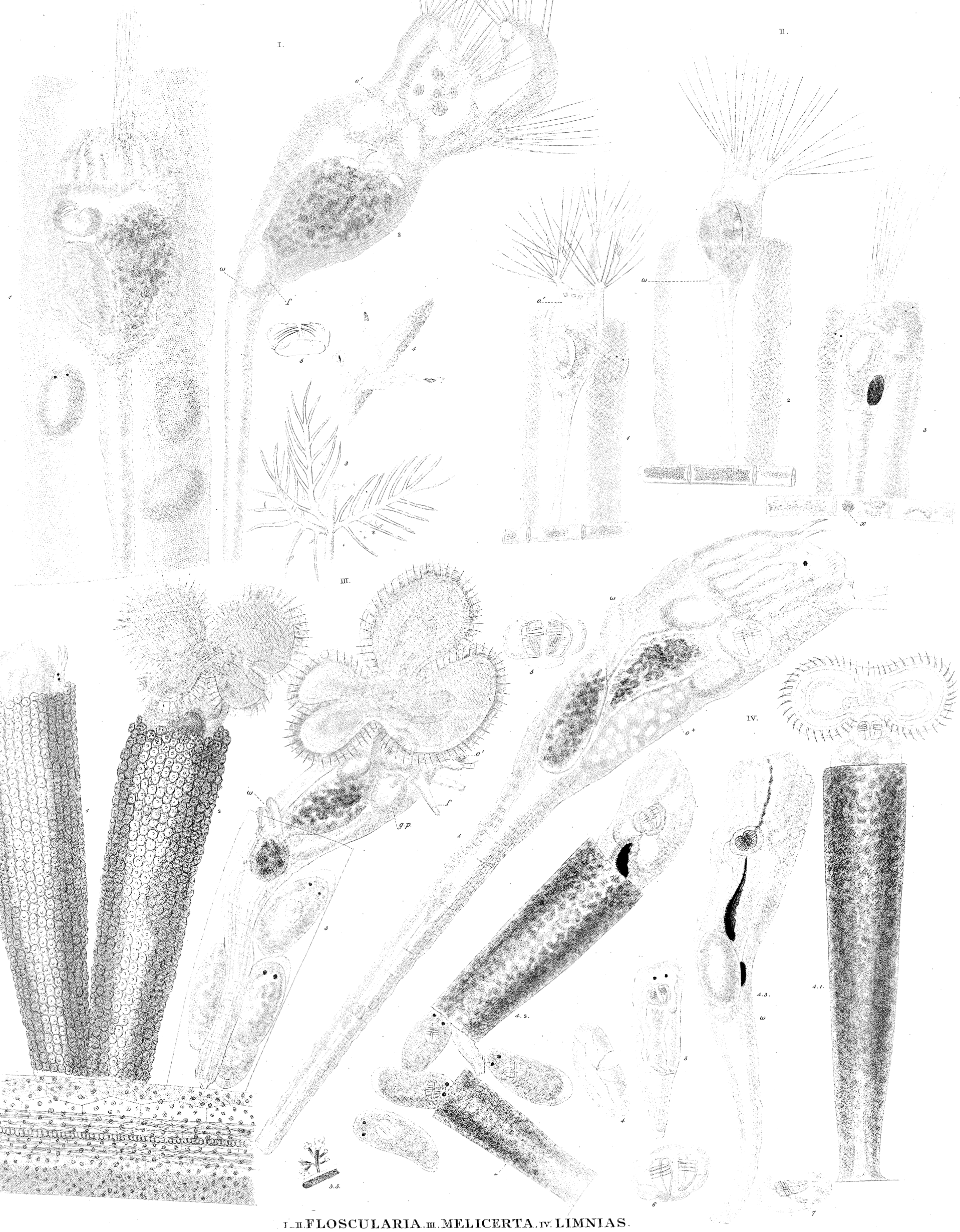
ω

I. TUBICOLARIA. II. STEPHANOCEROS.

I. T. *Najas* – 1/3 ‴. II. ST. *Eichhornii* – 1/3 ‴.

gez. v. Ehrenberg. *gest. v. C. L. 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. v. Ehrenberg. *gest. v. C. H. Weber.*

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

I. E. *Hydatina* – 1/10‴ II. H. *lenta* – 1/8‴ III. H. *brachydactyla* – 1/12‴ IV. P. *gibba* – 1/18‴

orig. v. Ehrenberg. *gest. v. C. E. Weber.*

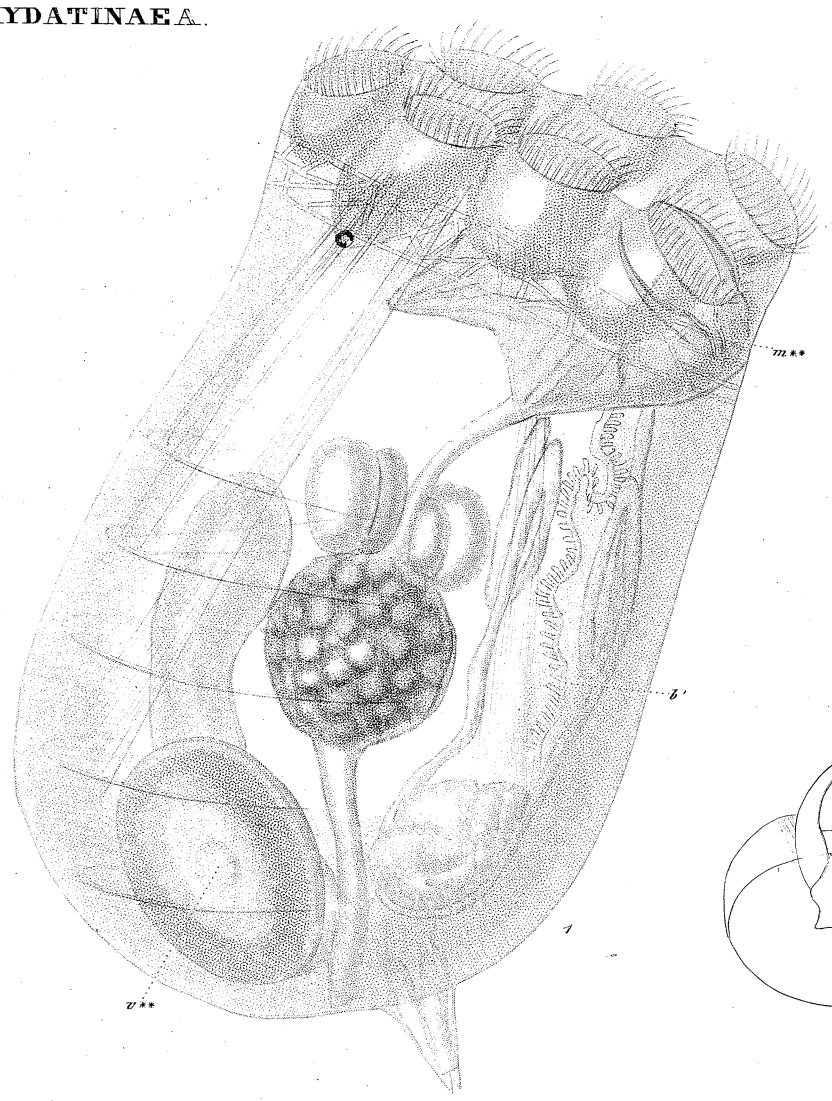
I - II. **PLEUROTROCHA**. III - VI. **FURCULARIA**. VII - IX. **MONOCERCA**.

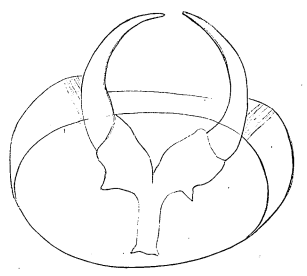
I. **P.** *constricta* - 1/12‴. II. **P.** *leptura* - 1/12‴. III. **F.** *gibba* - 1/8‴. IV. **F.** *Reinhardti* 1/10‴. V. **F.** *Forficula* 1/10‴. VI. **F.** *gracilis* - 1/15‴. VII. **M.** *Rattus* - 1/6‴.

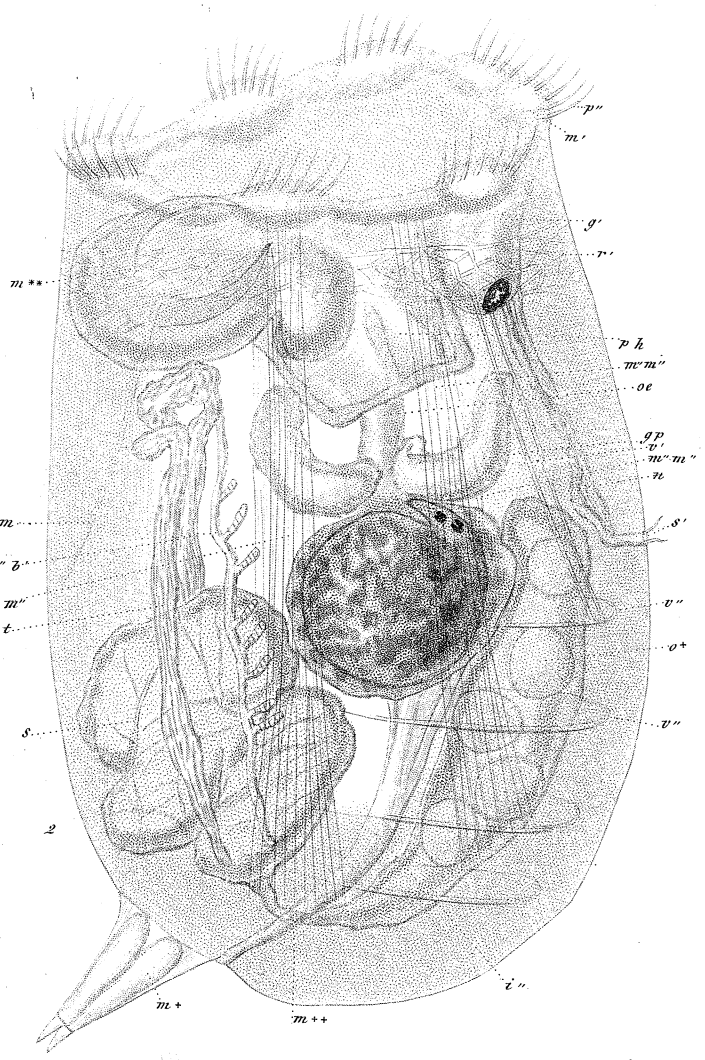
VIII. **M.** *bicornis* - 1/6‴. IX. **M.** *valga* - 1/36‴.

gez. v. Ehrenberg. *gest. v. Guinand.*

I.







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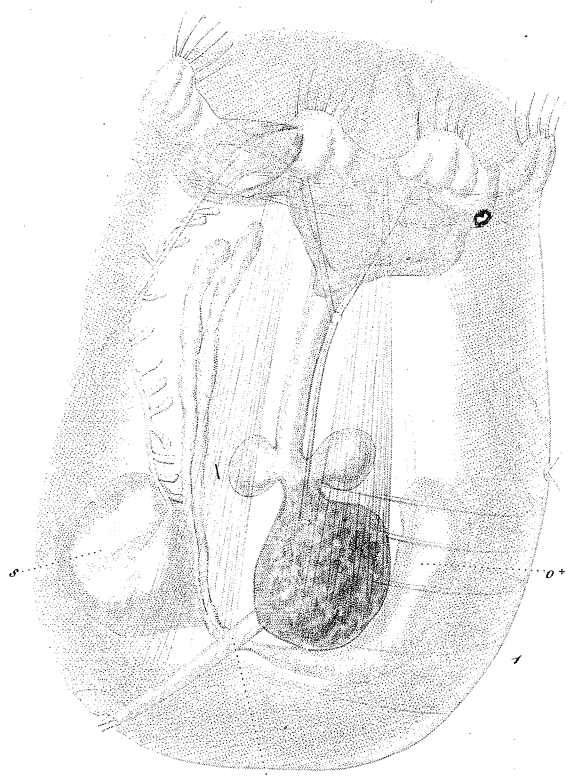
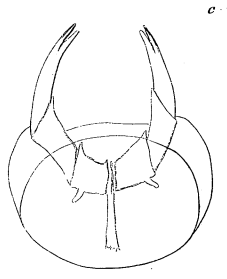
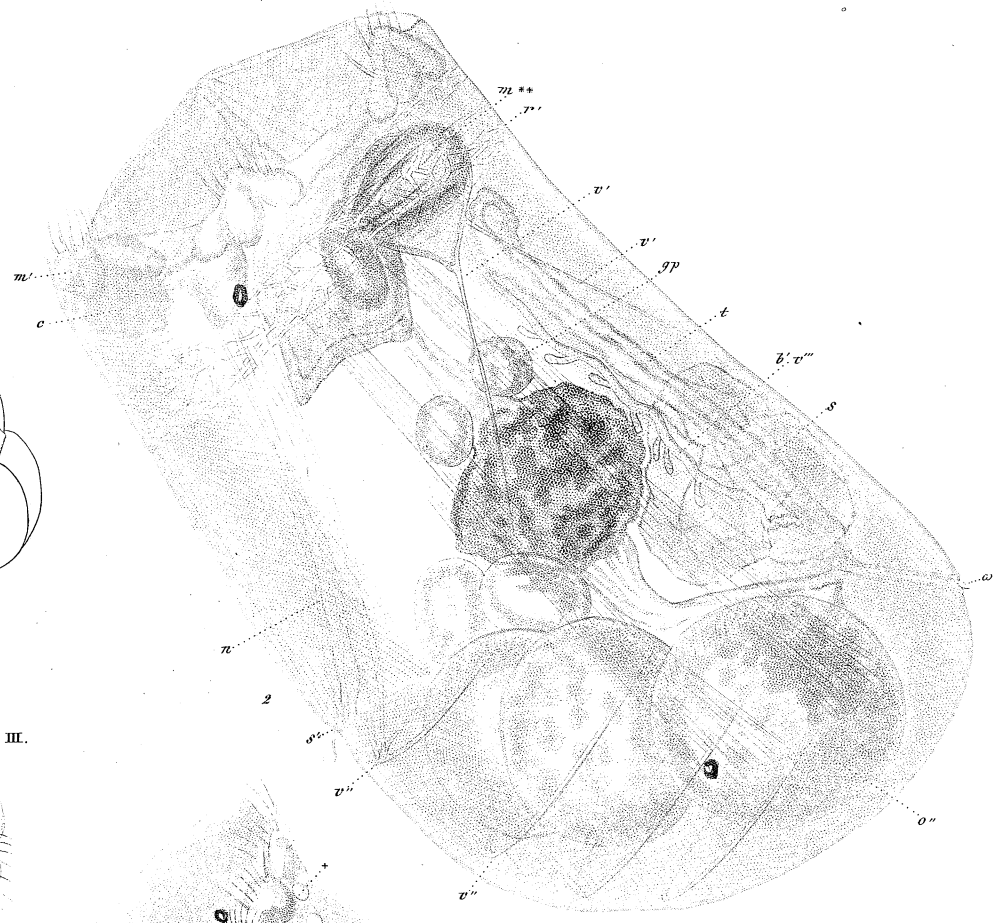
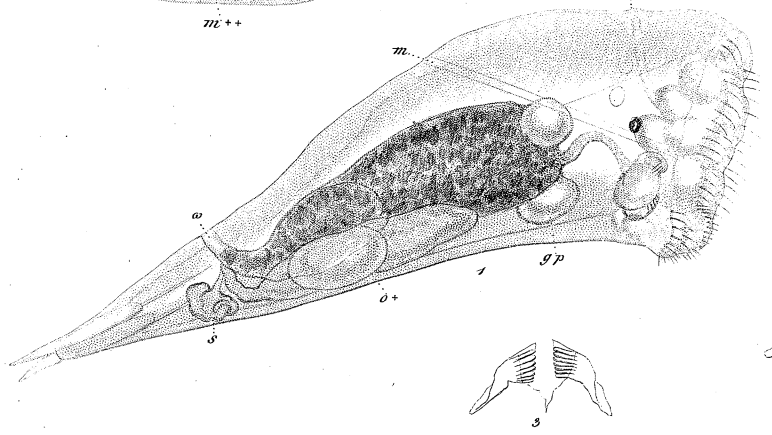
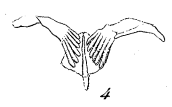






III.



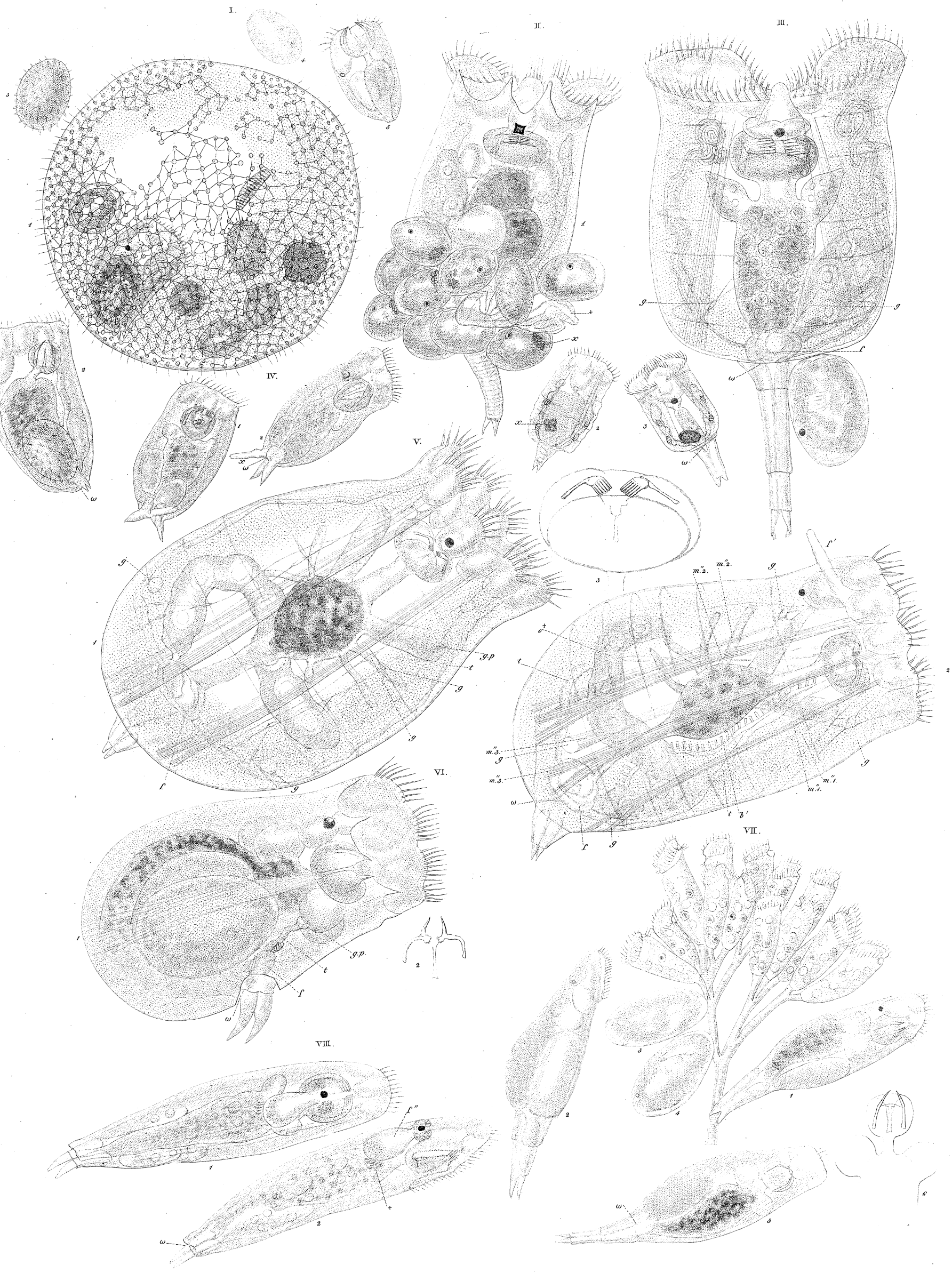


NOTOMMATA.

I. N. *Myrmeleo* 1/3‴. II. N. *Syrinx* 1/3‴. III. N. *Tuba* 1/4‴.

gez. v. Ehrenberg.

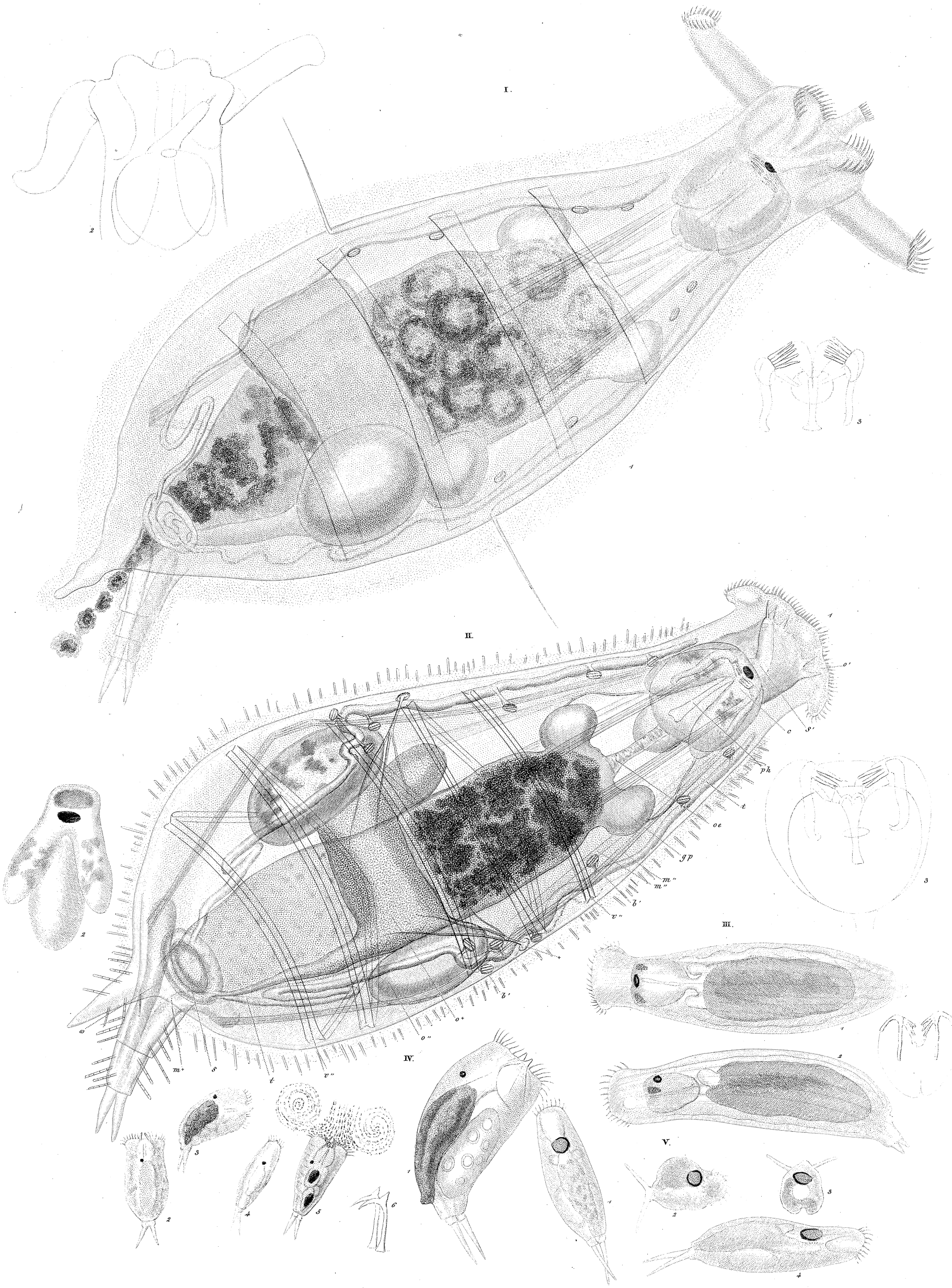
gest. v. C.E. Weber.



NOTOMMATA.

I. N. *Parasita* – 1/12‴. II. N. *granularis* – 1/24‴. III. N. *Brachionus* – 1/8‴. IV. N. *Tripus* – 1/18‴. V. N. *clavulata* – 1/8‴. VI. N. *hyptopus* – 1/6‴. VII. N. *Petromyzon* – 1/15‴. VIII. N. *saccigera* – 1/12‴.

gez. v. Ehrenberg. gest. v. C.E. Weber.

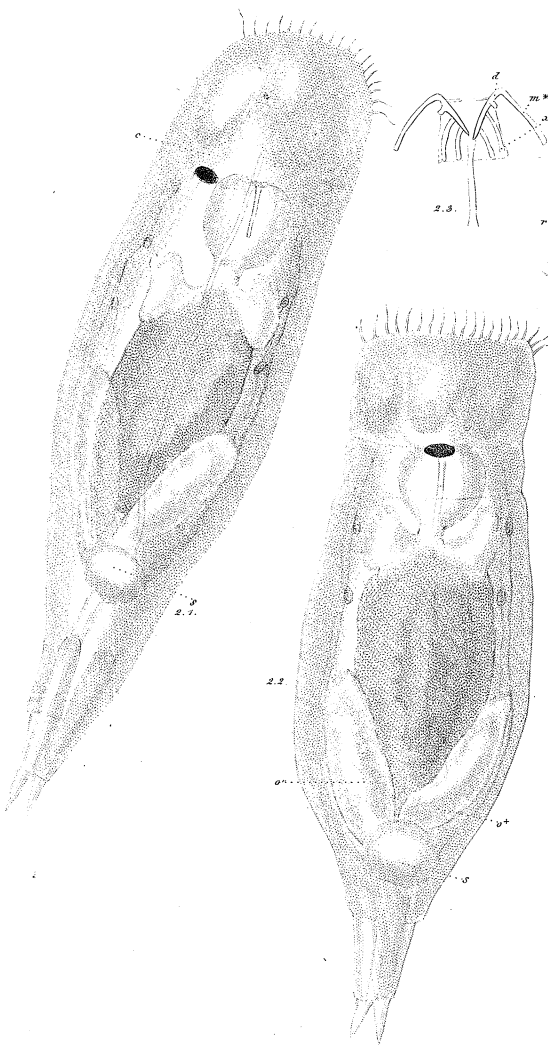


NOTOMMATA.

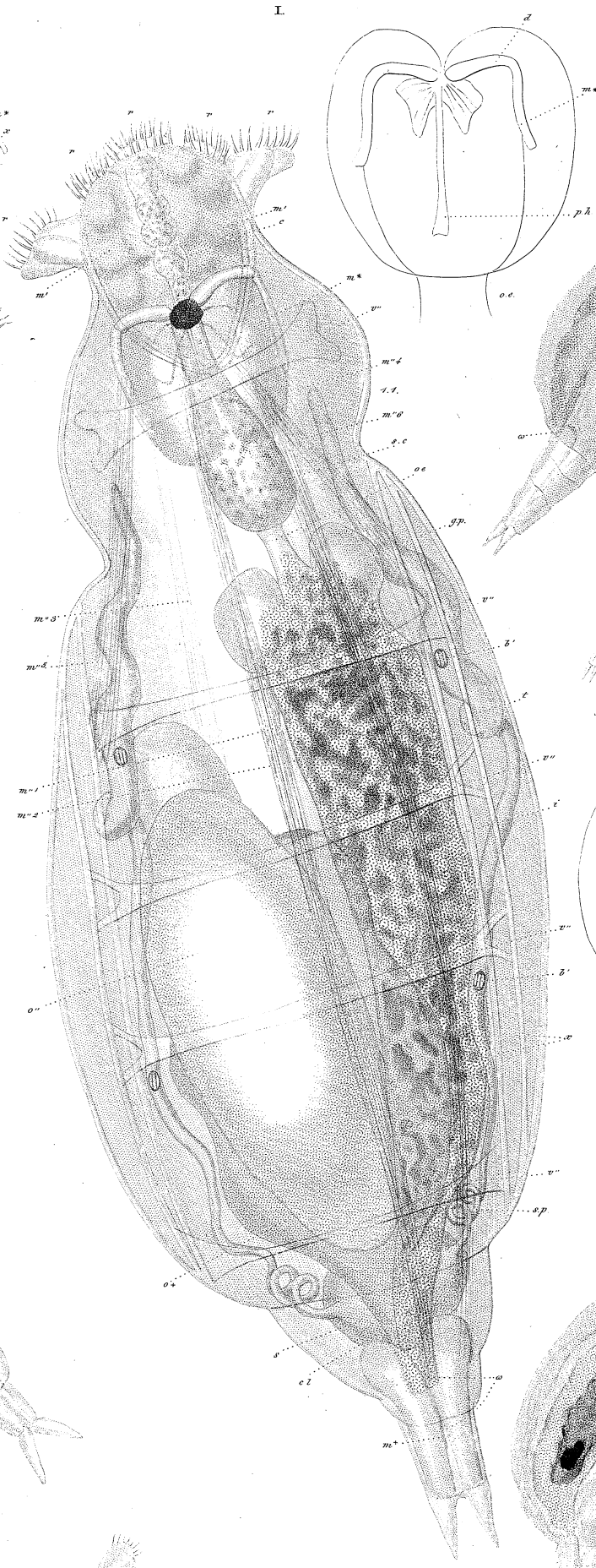
I. N. *Copeus* 1/3‴. II. N. *centrura* 1/3‴. III. N. *brachyota* 1/10‴. IV. N. *lacinulata* 1/12‴. V. N. *forcipata* 1/15‴.

gez. v. Ehrenberg. *g'est. v. C. E. Weber.*

II.



I.



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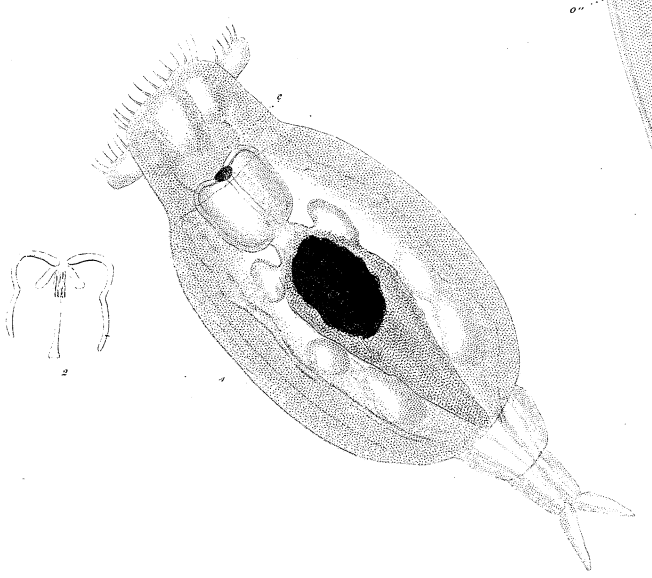

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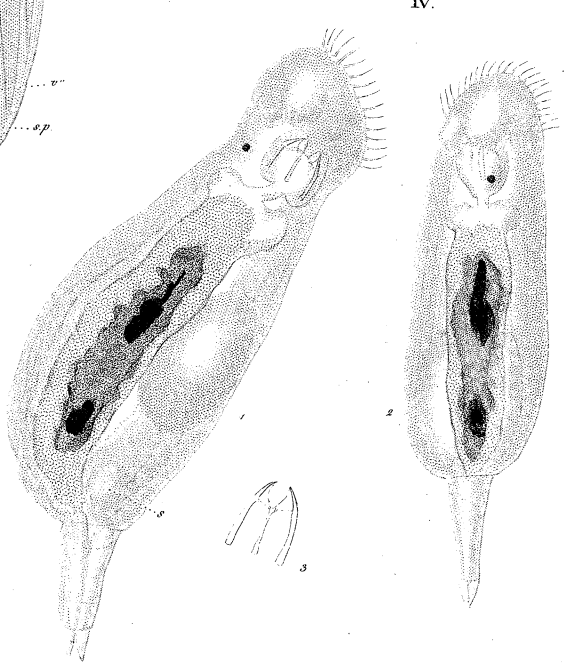

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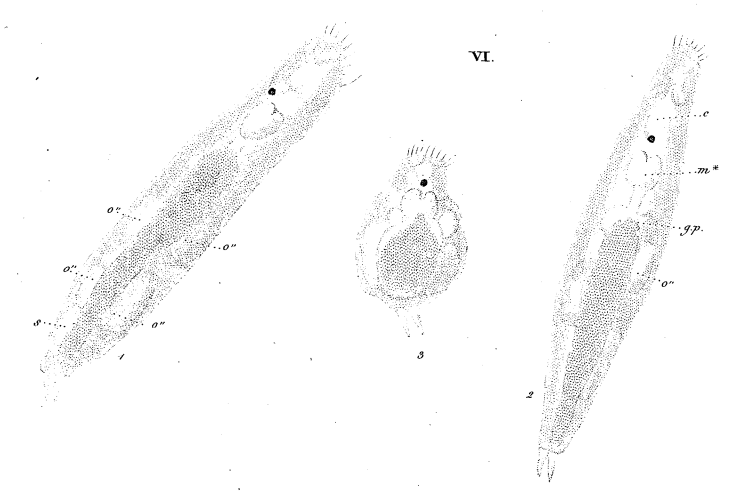

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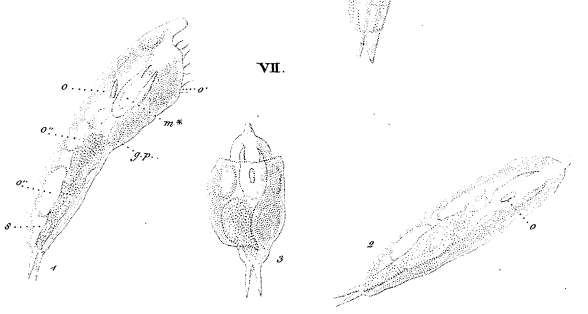
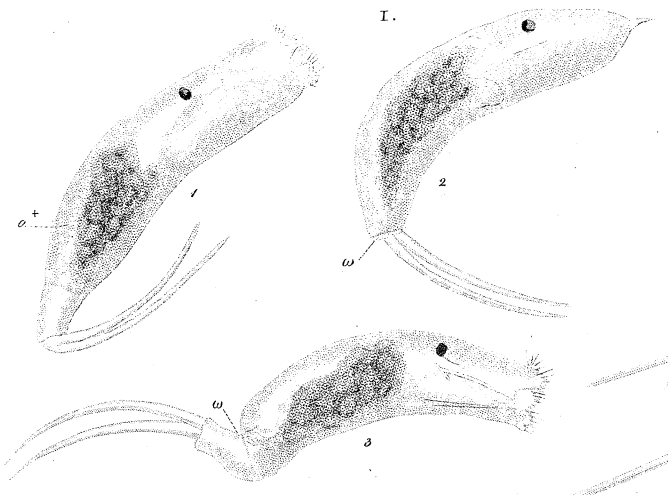
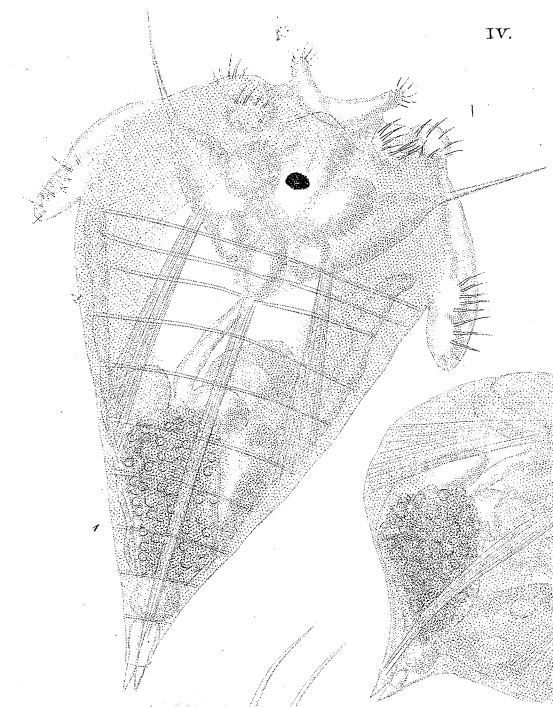


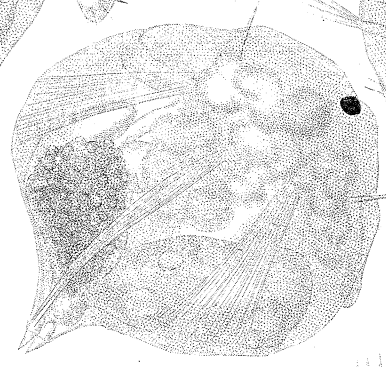
NOTOMMATA.

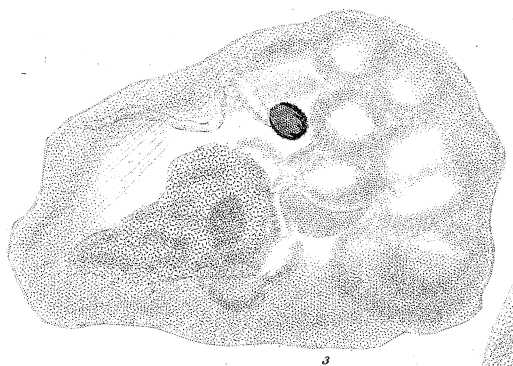
I. N. *collaris* ¼‴. II. N. *Najas* 1/10‴. III. N. *aurita* 1/10‴. IV. N. *gibba* 1/12‴. V. N. *ansata* 1/8‴. VI. N. *decipiens* 1/15‴. VII. N. *Felis* 1/20‴.

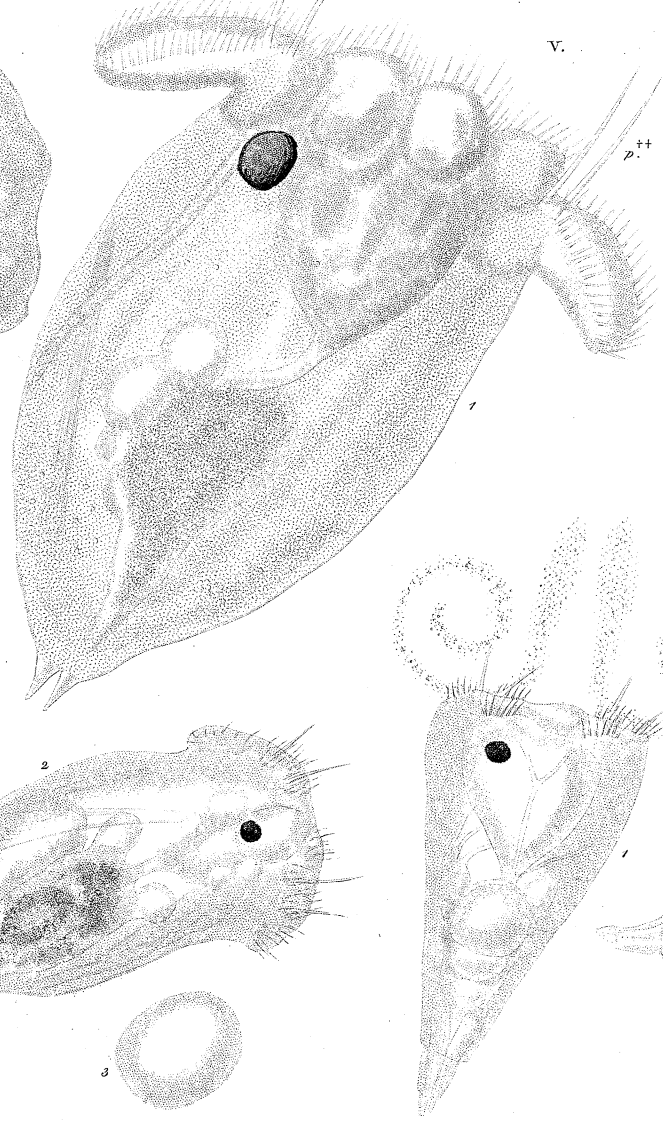
gez. v. Ehrenberg. *gest. v. C.E. Weber.*

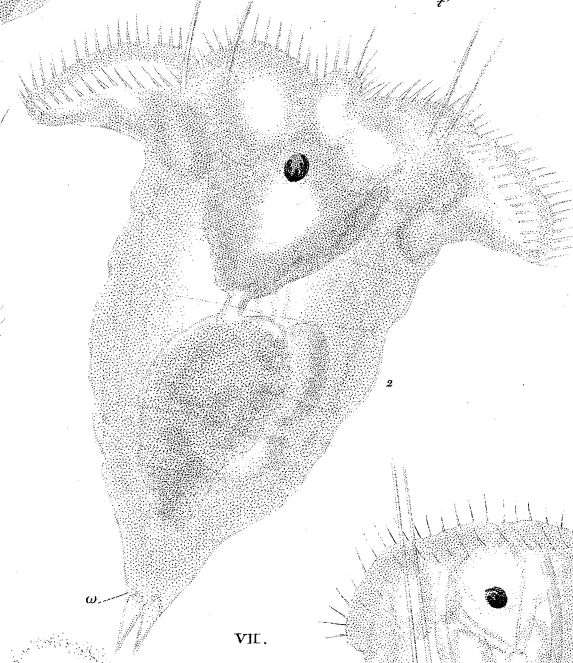


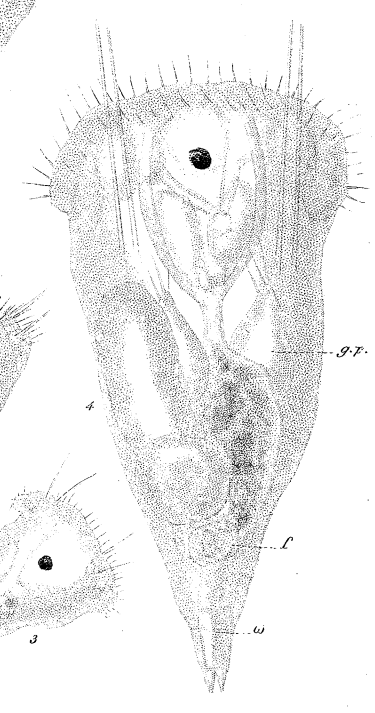








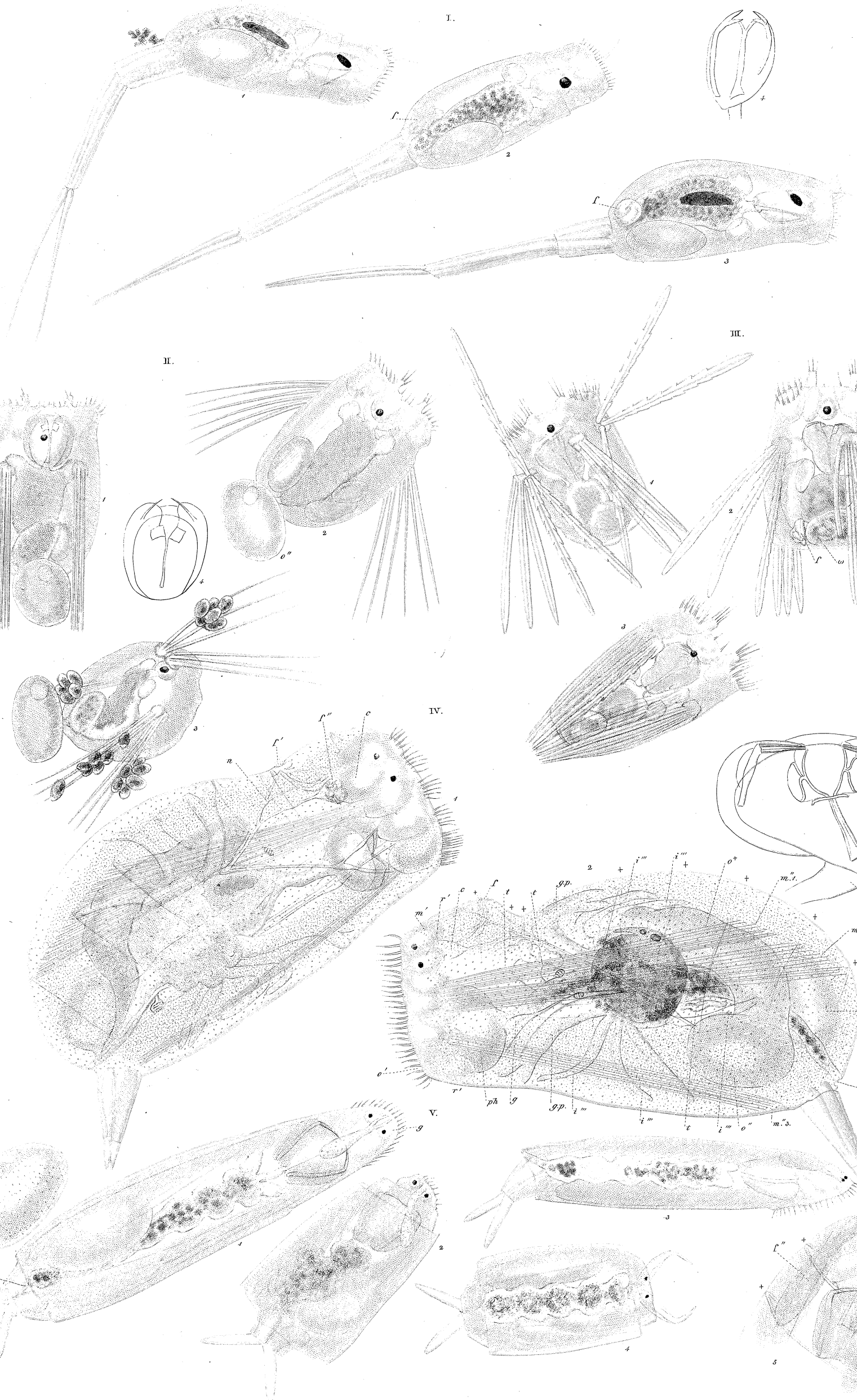




I–III. **NOTOMMATA** IV–VII. **SYNCHAETA**.

I. N. *Tigris* – 1/10‴. II. N. *longiseta* – 1/5‴. III. N. *aequalis* – 1/10‴. IV. S. *pectinata* – 1/10‴. V. S. *baltica* – 1/3‴. VI. S. *oblonga* – 1/8‴. VII. S. *tremula* – 1/10‴.

gez. v. Ehrenberg. *gest. v. C. E. Weber.*



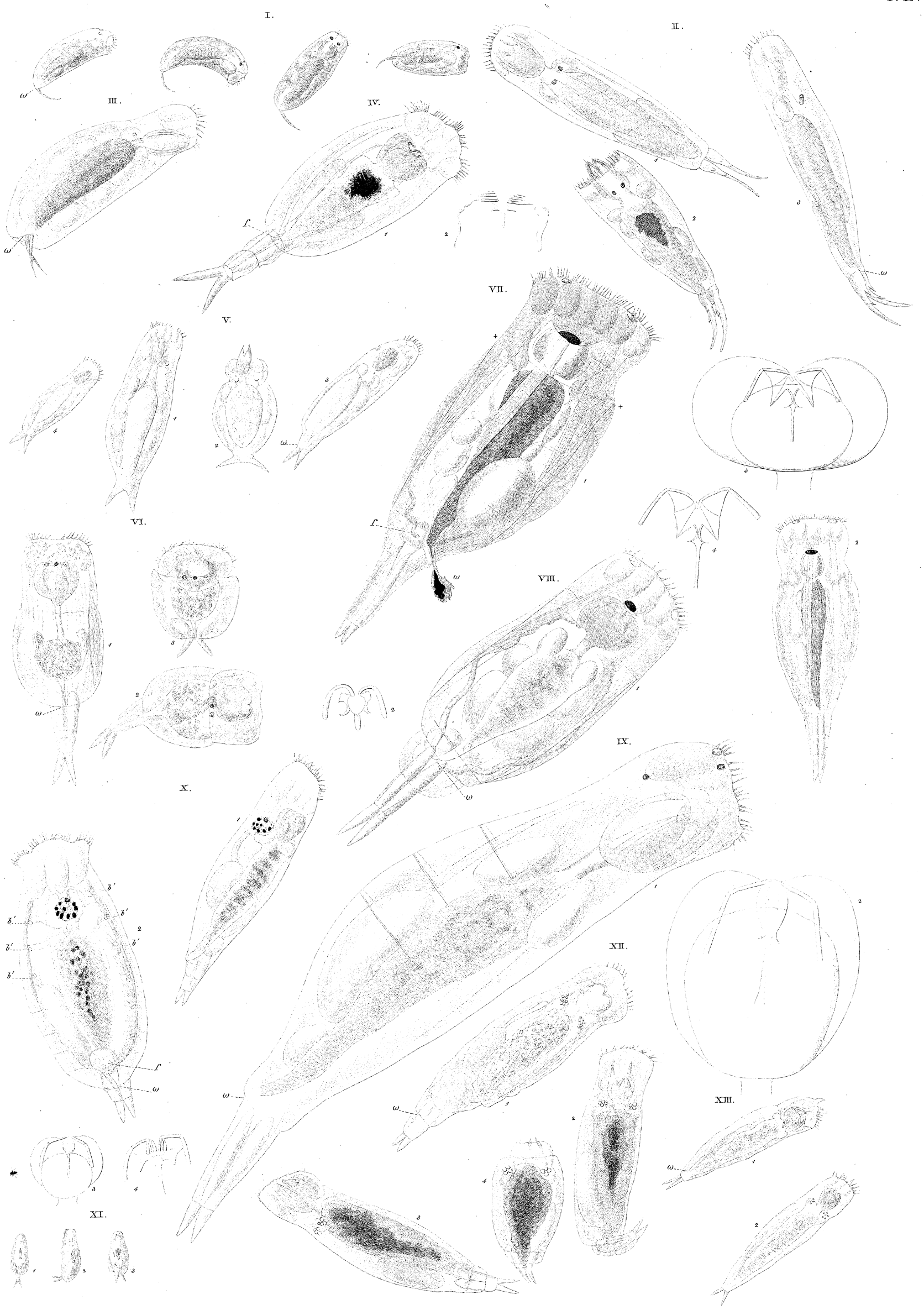
I. SCARIDIUM. II–III. POLYARTHRA. IV–V. DIGLENA.

I. S. *longicaudum* – 1/6‴. II. P. *Trigla* – 1/12‴. III. P. *platyptera* – 1/12‴. IV. D. *lacustris* – 1/6‴. V. D. *grandis* – 1/6‴.

I–VI. **DIGLENA**. VII–VIII. **TRIARTHRA**.

I. D. *forcipata* – 1/8‴ II. D? *aurita* – 1/12‴ III. D. *catellina* – 1/18‴ IV. D. *conura* – 1/12‴ V. D. *capitata* – 1/8‴
VI. D. *caudata* – 1/10‴ VII. T. *longiſeta* – 1/4‴ VIII. T. *myſtacina* – 1/12‴

gez. v. Ehrenberg — gest. v. C. E. Weber



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* – 1/18‴. IV. D. *marinum* – 1/12‴. V. D. *forcipatum* – 1/20‴.
VI. T. *dorsualis* – 1/3‴. VII. E. *Najas* – 1/8‴. VIII. E. *digitata* – 1/8‴. IX. E. *elongata* – 1/6‴. X. C. *Lupus* – 1/10‴.
XI. C? *elegans* – 1/16‴. XII. TH. *vernalis* – 1/10‴. XIII. TH. *uncinatus* – 1/20‴.

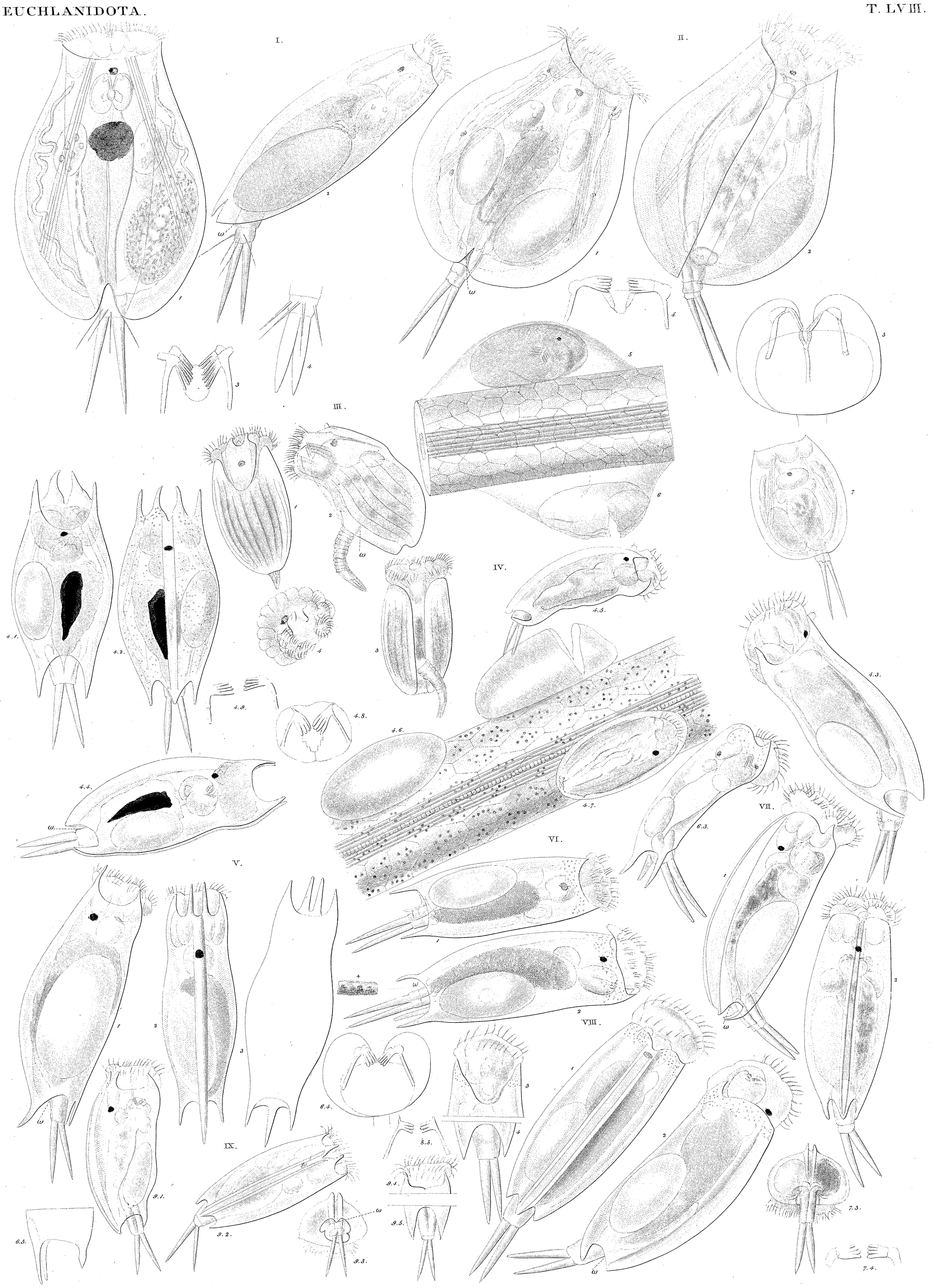
gez. v. Ehrenberg. *gest. v. Haas.*

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

I. L. *ovalis* 1/20". II. L. *emarginata* 1/40". III. L.? *Salpina* 1/18". IV. M. *cornuta* 1/20". V. M. *quadridentata* 1/12". VI. M. *lunaris* 1/12". VII. M. *carinata* 1/12".

VIII. E. *triquetra* 1/4". IX. E. *Hornemanni* 1/20". X. E. *Luna* 1/12".

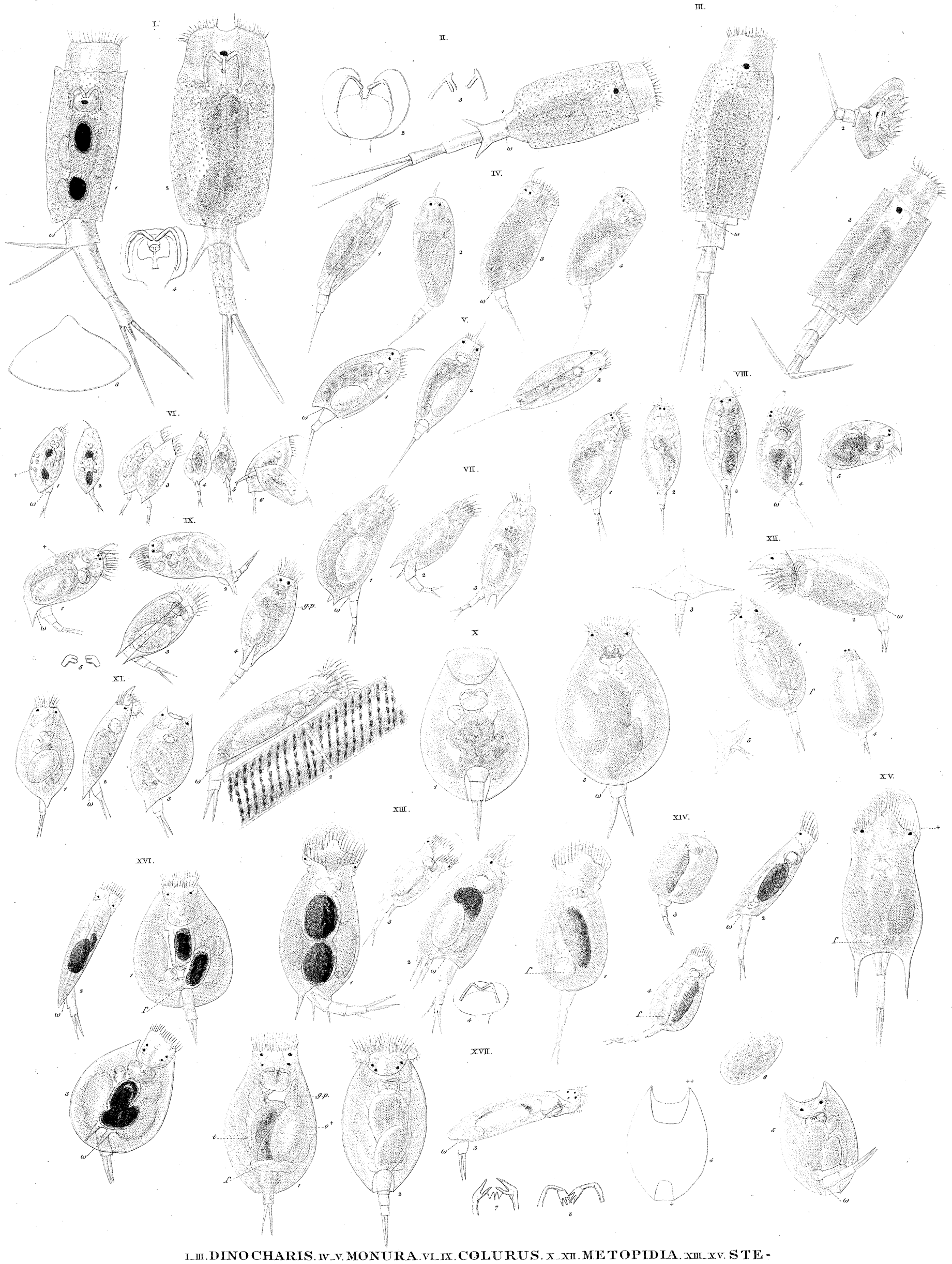
gez. v. Ehrenberg. gest. v. Guinand.



I–III. **EUCHLANIS.** IV–IX. **SALPINA.**

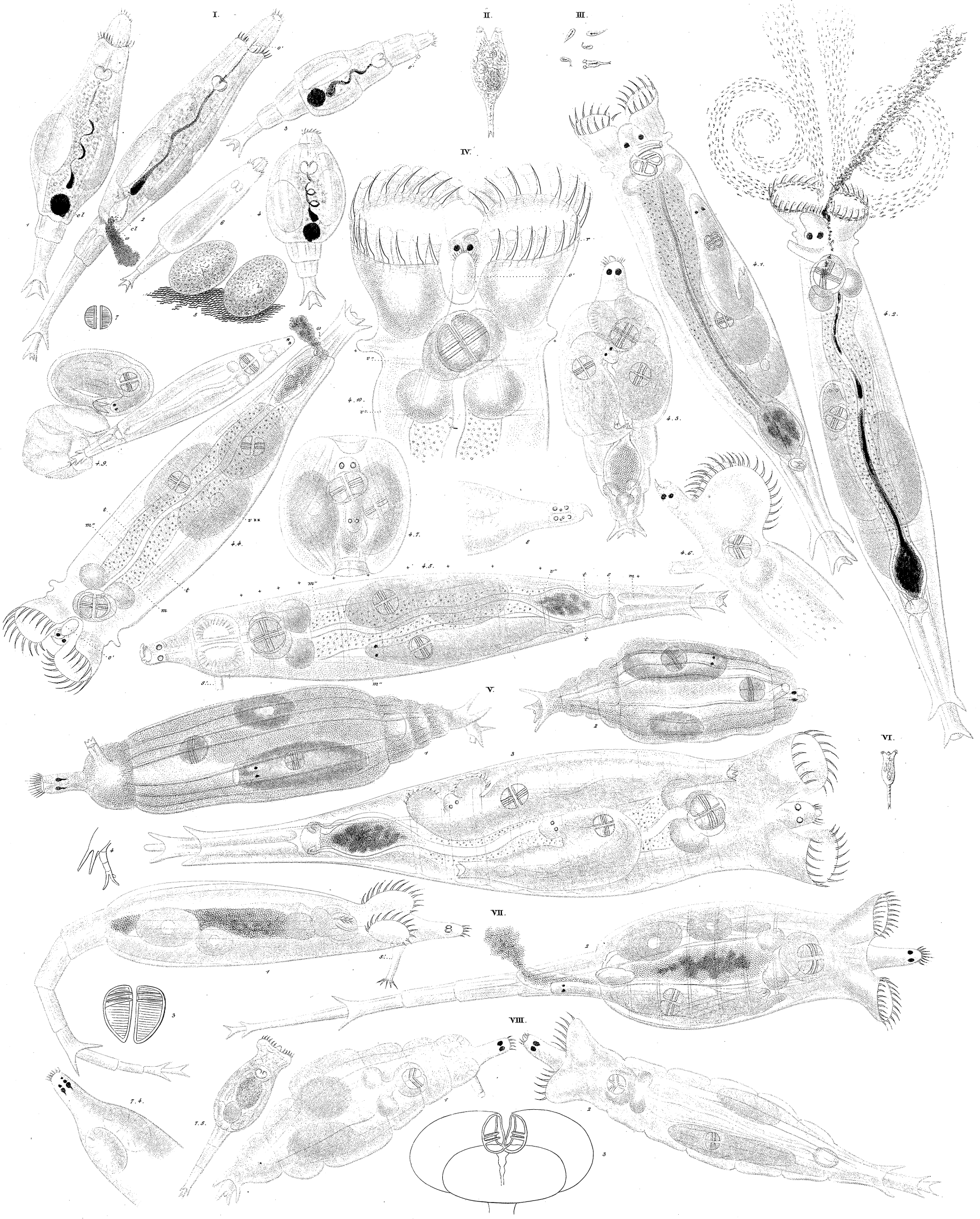
I. E. *macrura* – 1/8‴. II. E. *dilatata* – 1/8‴. III. E ? *Lynceus* – 1/18‴. IV. S. *mucronata* – 1/12‴. V. S. *spinigera* – 1/12‴.
VI. S. *ventralis* – 1/12‴. VII. S. *reduncа* – 1/12‴. VIII. S. *brevispina* – 1/12‴. IX. S. *bicarinata* – 1/18‴.

gez. v. Ehrenberg. *gest. v. C. Haas.*



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

I. *Dinocharis minor* – 1/10‴. II. D. *tetractis* – 1/10‴. III. D. *paupera* – 1/10‴. IV. M. *Colurus* – 1/24‴. V. M. *dulcis* – 1/24‴. VI. C. *uncina*, VII. C. *bicuspidatus* – 1/24‴. VIII. C. *caudatus* – 1/24‴. IX. C. *deflexus* – 1/20‴. X. M. *Lepadella* – 1/12‴. XI. M. *ovalis* – 1/20‴. XII. M.? *triptera* – 1/12‴. XIII. ST. *lamellaris* – 1/12‴. XIV. ST.? *muticus* – 1/12‴. XV. ST. *cirratus* – 1/20‴. XVI. SQ. *Bractea* – 1/12‴. XVII. SQ. *oblonga* – 1/18‴.



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

I. C. *elegans* 1/6‴. II. H. *cornigera* 1/10‴. III. T. *viridis* 1/60‴. IV. R. *vulgaris* 1/2‴. V. R. *citrinus* 1/2‴. VI. R? *erythraeus* 1/20‴.

VII. R. *macrurus* 1/3‴. VIII. R. *tardus* 1/6‴.

gez. v. Ehrenberg. *gest. v. Guinand.*

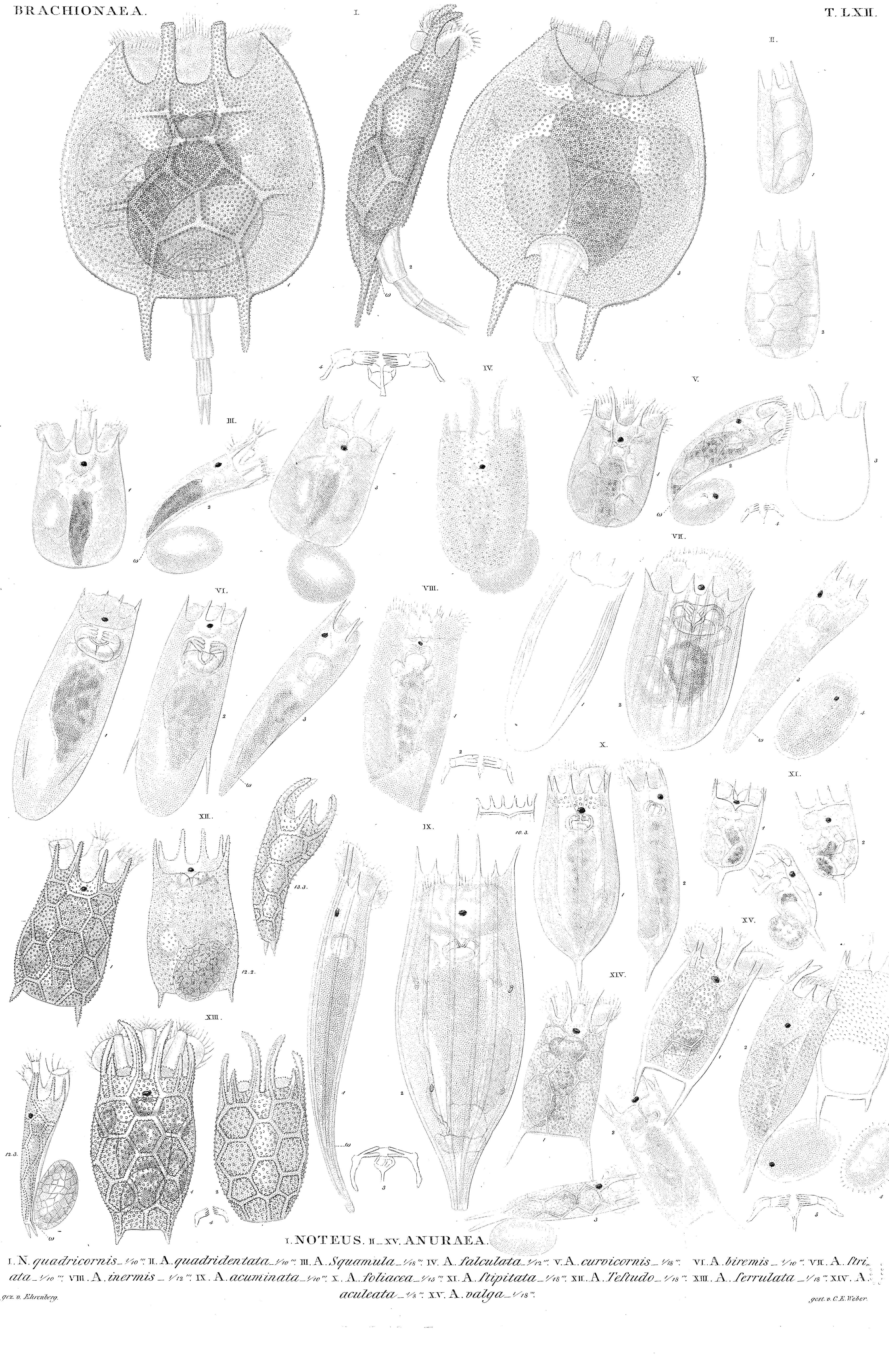
I. II. III. IV. V. VI. VII. VIII. IX. X.

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

I. A. *neptunius* – 1/3‴. II. M. *conica* – 1/10‴. III. M. *gracilis* – 1/12‴. IV. PH. *erythrophthalma* – 1/4‴. V. PH. *rosicola* – – 1/6‴. VI. PH. *collaris* – 1/10‴. VII. PH. *macrostyla* – 1/6‴. VIII. PH. *citrina* – 1/6‴. IX. PH. *aculeata* – 1/6‴. X. PH. *megalotrocha* – 1/9‴.

gez. v. Ehrenberg

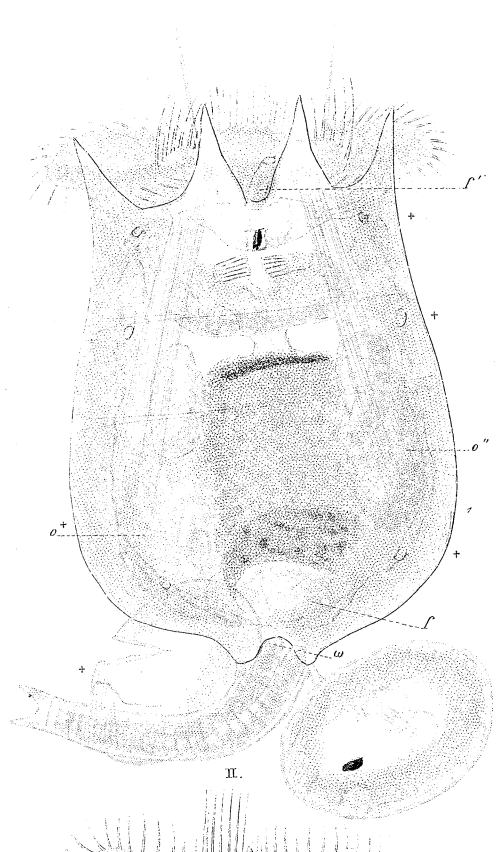
gest. v. Guinand



I. NOTEUS. II–XV. ANURAEA.

I. N. *quadricornis* – 1/10‴. II. A. *quadridentata* – 1/10‴. III. A. *Squamula* – 1/18‴. IV. A. *falculata* – 1/12‴. V. A. *curvicornis* – 1/18‴. VI. A. *biremis* – 1/10‴. VII. A. *ſtriata* – 1/10‴. VIII. A. *inermis* – 1/12‴. IX. A. *acuminata* – 1/10‴. X. A. *foliacea* – 1/15‴. XI. A. *ſtipitata* – 1/18‴. XII. A. *Teſtudo* – 1/18‴. XIII. A. *ſerrulata* – 1/18‴. XIV. A. *aculeata* – 1/8‴. XV. A. *valga* – 1/18‴.

gez. v. Ehrenberg. gest. v. C. E. Weber.



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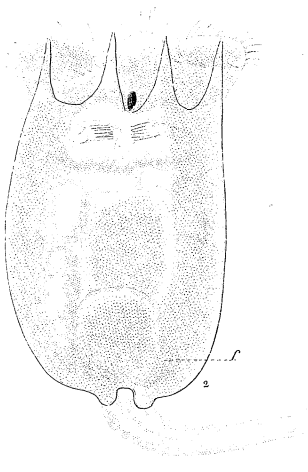
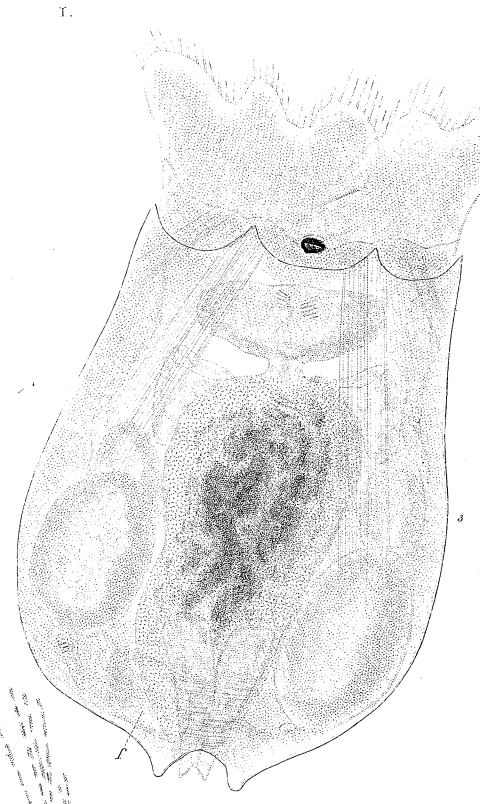
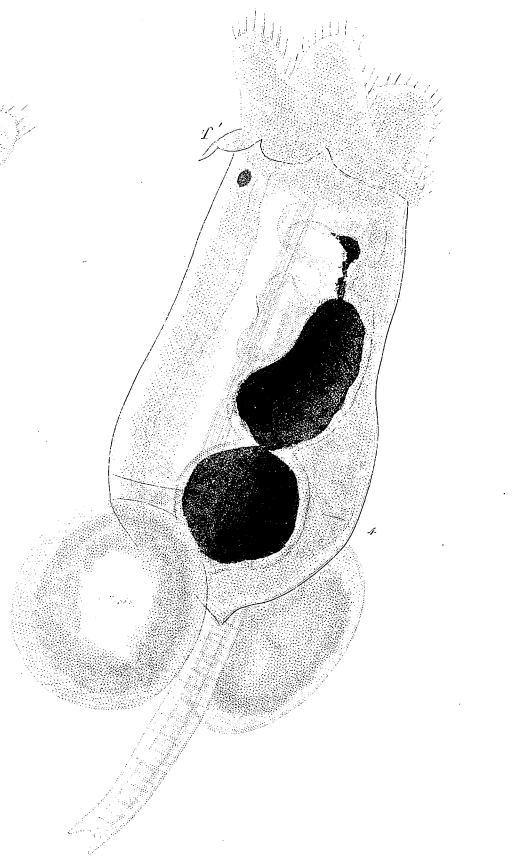
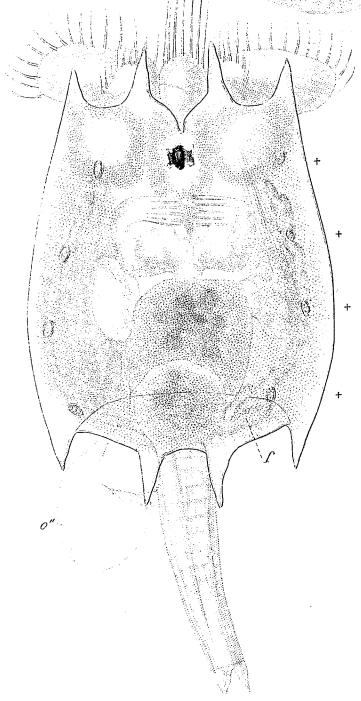


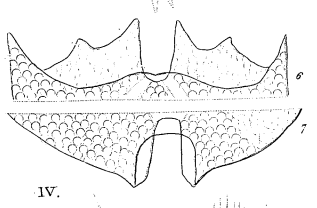


I.

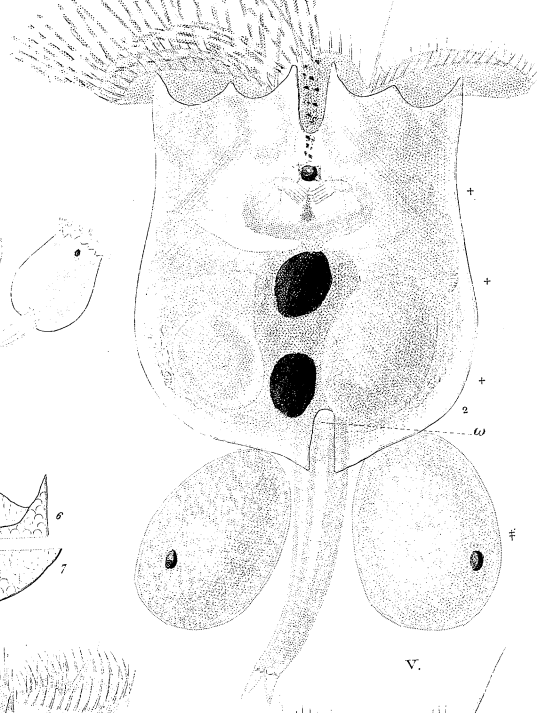


III.





IV.



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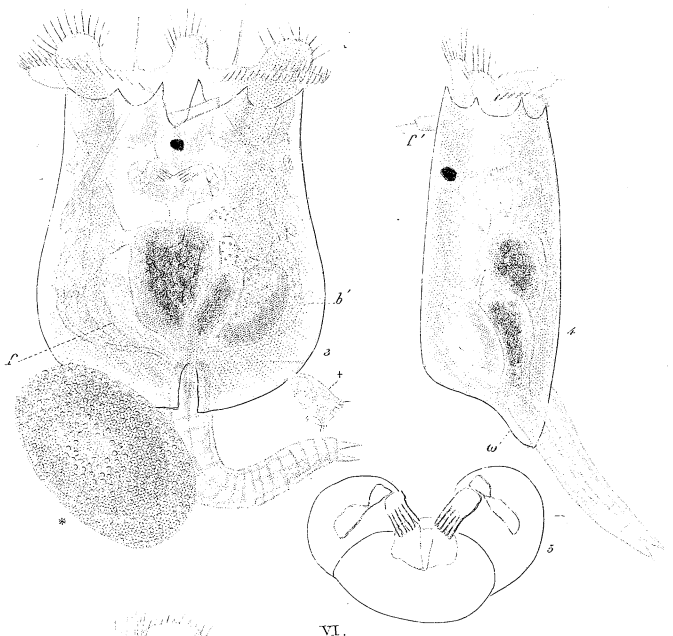
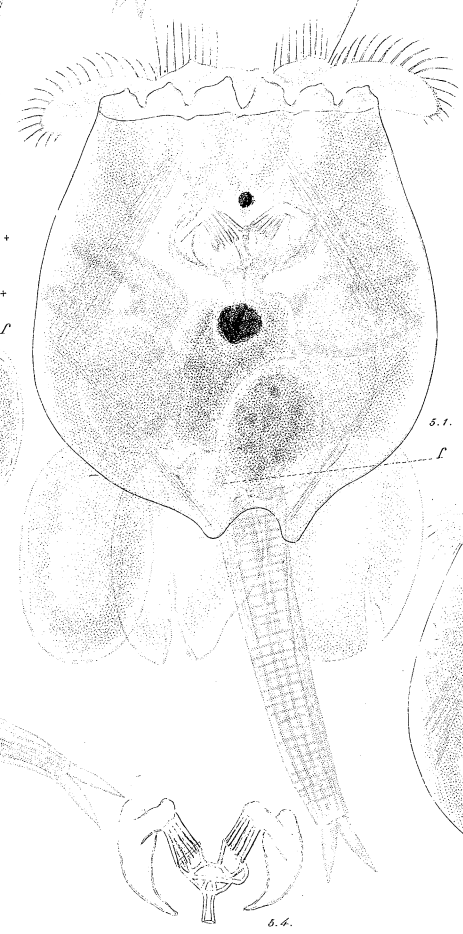


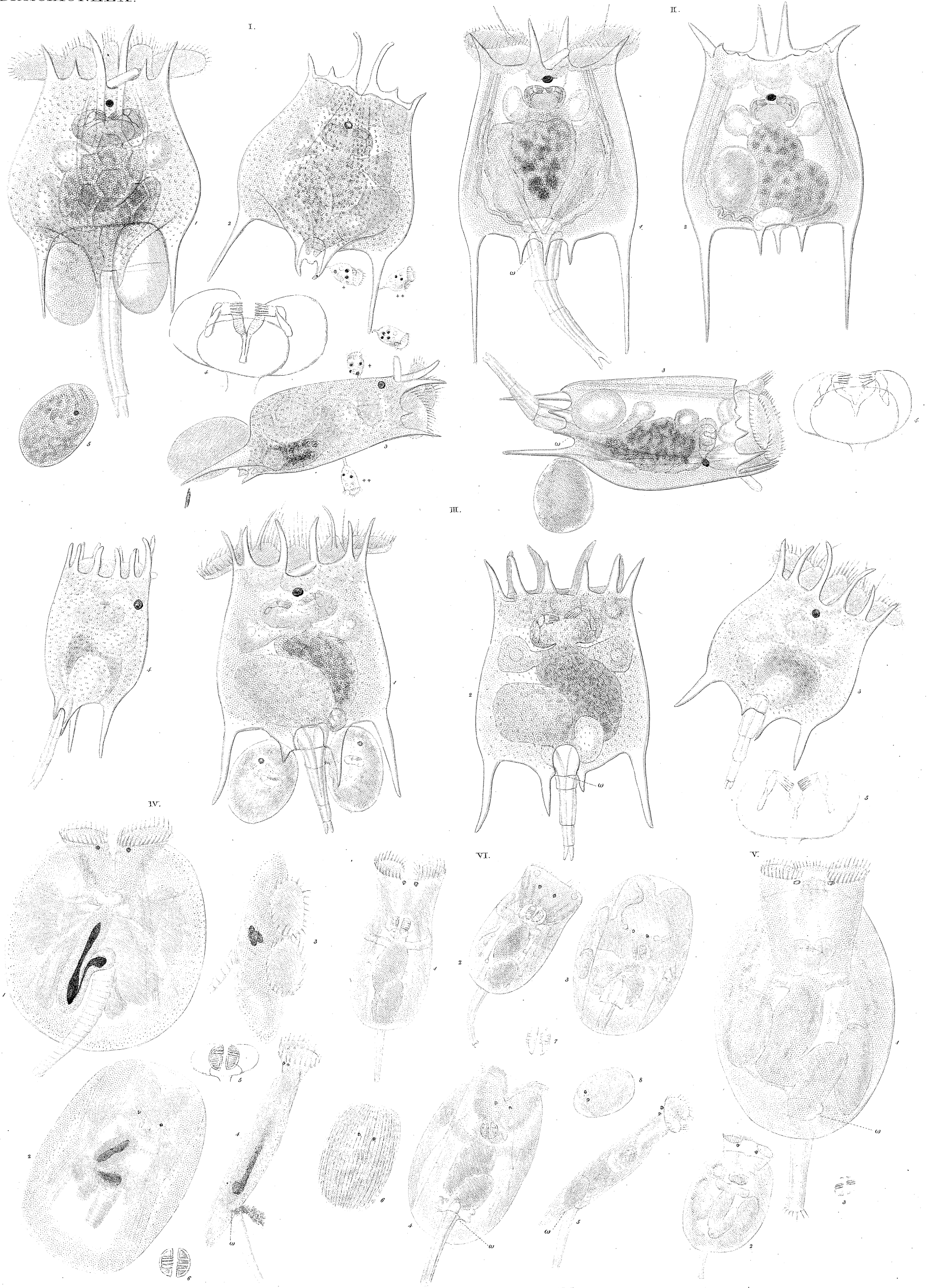
VI.



BRACHIONUS.

I. B. *Pala* – 1/3‴. II. B. *amphiceros* – 1/6‴. III. B. *urceolaris* – 1/6‴. IV. B. *rubens* – 1/6‴. V. B. *Müllleri* – 1/3‴. VI. B. *brevispinus* – 1/3‴.

del. a. Ehrenberg. gest. v. C. E. Weber.



I–III. BRACHIONUS. IV–VI. PTERODINA.

I. B. *Bakeri* – 1/10‴. II. B. *polyacanthus* – 1/8‴. III. B. *militaris* – 1/10‴. IV. PT. *Patina* – 1/10‴. V. PT. *elliptica* – 1/9‴. VI. PT. *clypeata* – 1/12‴.

gez. v. Ehrenberg. *gest. v. C. E. Weber.*