

BEITRÄGE ZUR KENNTNISS
DER
FOSSILEN BACILLARIEN
UNGARNS.

III. THEIL:
SÜSSWASSER BACILLARIEN

ANHANG:

Analysen 15 neuer Depôts von Bulgarien, Japan, Mähren, Russland und
Ungarn mit 42 Tafeln in Lichtdruck.

BEARBEITET

DURCH

Dr. JOSEF PANTOCSEK

COMITATSPHYSICUS IN TAVARNOK.

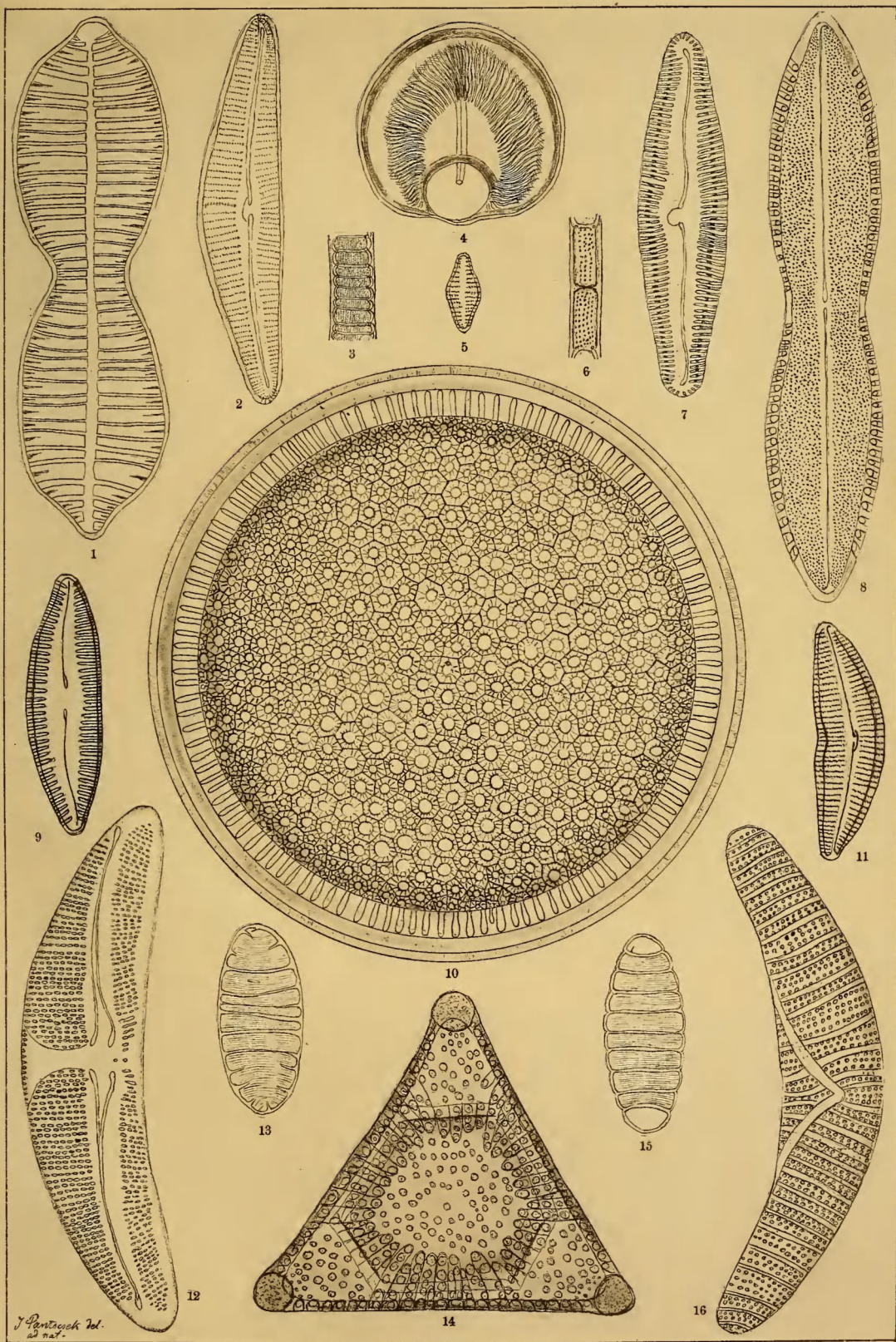
NAGY-TAPOLCSÁNY.

BUCHDRUCKEREI VON JULIUS PLATZKO
1892.

Tafel I.

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|---|--|
| 1. <i>Surirella transylvanica</i> n. s. | <i>Bodos</i> |
| 2. <i>Cymbella Kochii</i> n. s. | <i>Bodos</i> |
| 3. <i>Melosira scala</i> (E.) Grun. | <i>Bory</i> |
| 4. <i>Van Heurekella admirabilis</i> n. g. et. sp. | <i>Jackson Paddock</i> ⁶⁰⁰ / ₁ |
| 5. <i>Staurosira construens</i> E. | <i>Bory</i> |
| 6. <i>Melosira granulata</i> (E.) Ralfs var. <i>boryana</i> n. v. | <i>Bory</i> |
| 7. <i>Navicula transylvanica</i> n. s. | <i>Köpecz</i> ⁶⁰⁰ / ₁ |
| 8. <i>Pseudodictyoneis hungarica</i> Cleve | <i>Kacna Bremia</i> ⁶⁰⁰ / ₁ |
| 9. <i>Cymbella</i> (austriaca Grun var?) <i>latestriata</i> n. s. | <i>Bory</i> |
| 10. <i>Coscinodiseus japonicus</i> n. s. | <i>Wembets</i> ⁴⁵² / ₁ |
| 11. <i>Cymbella austriaca</i> Grun. var. <i>excisa</i> Grun. | <i>Bory</i> |
| 12. <i>Amphora transylvanica</i> n. s. | <i>Bodos</i> ⁶⁰⁰ / ₁ |
| 13. <i>Stylobibulum ovale</i> n. s. | <i>Sentenaï</i> |
| 14. <i>Triceratium Rzehakii</i> n. s. | <i>Nikolsburg</i> ⁶⁰⁰ / ₁ |
| 15. <i>Stylobibulum polygibbum</i> n. s. | <i>Sentenaï</i> |
| 16. <i>Epithemia transylvanica</i> n. s. | <i>Bodos</i> |

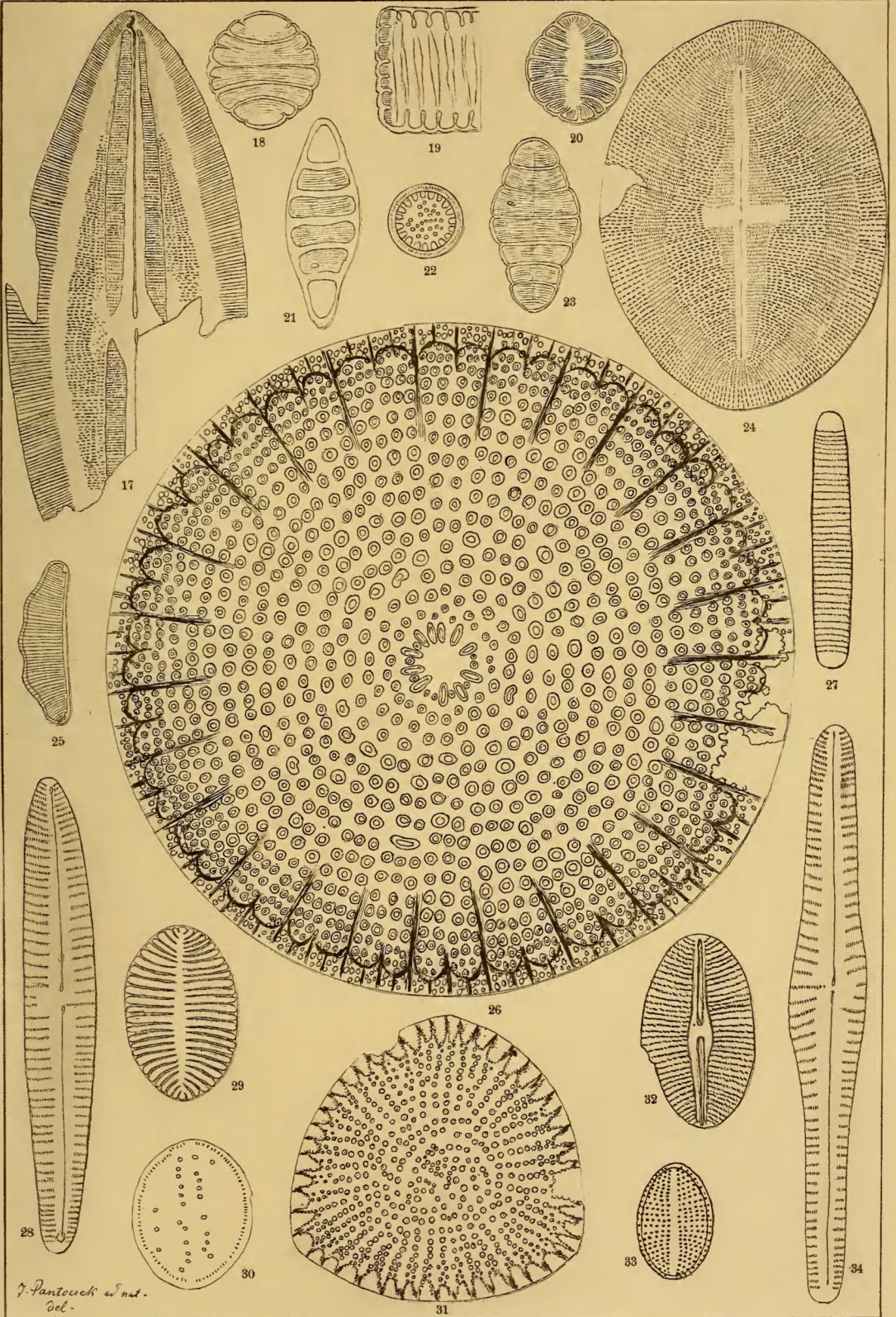
Vergrößerung ⁸³²/₁



Tafel II.

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| 17. <i>Navicula illustra</i> n. s. | <i>Bory</i> ⁶⁰⁰ / ₁ |
| 18. <i>Stylobibulum japonicum</i> n. s. | <i>Sentenai</i> |
| 19. <i>Stylobibulum polygibbum</i> n. s. | <i>Sentenai</i> |
| 20. <i>Stylobibulum Haradaae</i> n. s. | <i>Sentenai</i> |
| 21. <i>Stilobibulum Jimboi</i> n. s. | <i>Sentenai</i> |
| 22. <i>Cyclotella pygmea</i> n. s. | <i>Köpecz</i> |
| 23. <i>Stylobibulum inflatum</i> n. s. | <i>Sentenai</i> |
| 24. <i>Cocconeis Jimboi</i> n. s. | <i>Wembets</i> ⁶⁰⁰ / ₁ |
| 25. <i>Eunotia japonica</i> n. s. | <i>Sentenai</i> |
| 26. <i>Arachnoidiscus giganteus</i> n. s. | <i>Kusnetz</i> ⁴⁵² / ₁ |
| 27. <i>Diatoma fossile</i> n. s. | <i>Deménd</i> |
| 28. <i>Gomphonema hungaricum</i> n. s. | <i>Deménd</i> |
| 29. <i>Surirella Jimboi</i> n. s. | <i>Sentenai</i> |
| 30. <i>Cocconeis Kinkerii</i> n. s. | <i>Wembets</i> |
| 31. <i>Stictodiscus Pantocsekii</i> Temp. | <i>Kusnetz</i> ⁴⁵² / ₁ |
| 32. <i>Navicula elliptica</i> Kg. var. <i>fossilis</i> n. v. | <i>Deménd</i> |
| 33. <i>Cocconeis boryana</i> n. s. | <i>Bory</i> |
| 34. <i>Gomphonema Szabói</i> n. s. | <i>Deménd</i> |

Vergrösserung ⁸³²/₁



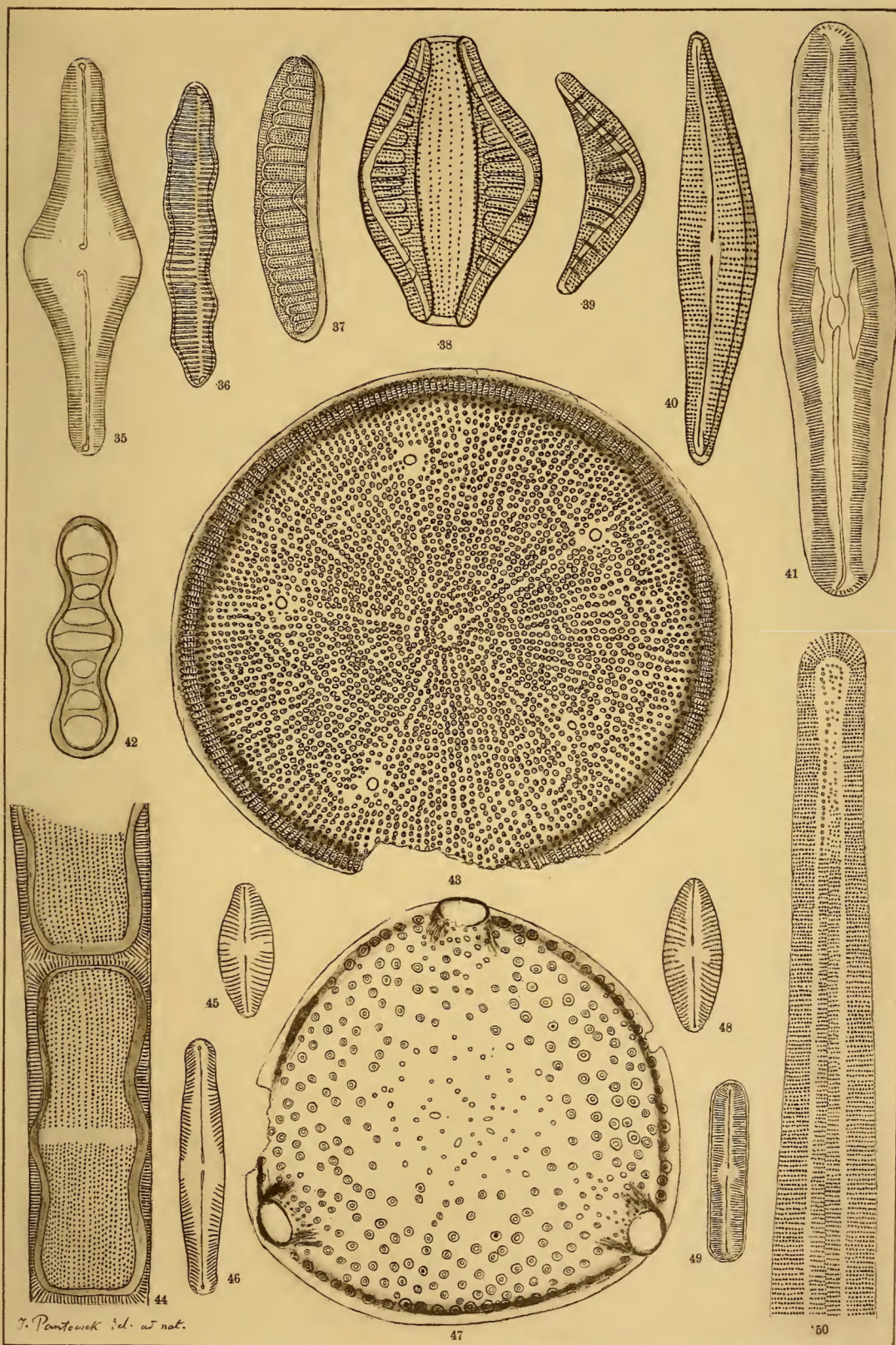
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Tafel III.

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| 35. <i>Navicula bodosensis</i> n. s. | <i>Bodos</i> |
| 36. <i>Eunotia transylvanica</i> n. s. | <i>Köpecz</i> |
| 37. <i>Epithemia Argus</i> (E.) Kg. var. <i>fossilis</i> n. v. | <i>Köpecz</i> |
| 38, 39. <i>Ephitemia cistula</i> (E.) Grun. var. <i>lunaris</i> Grun. | <i>Bory</i> |
| 40. <i>Cymbella cistula</i> (E.) Hempr. var. <i>hungarica</i> n. v. | <i>Bory</i> |
| 41. <i>Navicula Kanitzii</i> n. s. | <i>Köpecz</i> |
| 42. <i>Tetracyclus lacustris</i> Ralfs var. <i>fossilis</i> n. v. | <i>Bory</i> |
| 43. <i>Aulacodiscus boryanus</i> Pant. | <i>Bory</i> ⁴⁶² / ₁ |
| 44. <i>Melosira undulata</i> (E.) Kg. | <i>Farkasfalva</i> |
| 45. <i>Navicula exigua</i> Greg. | <i>Magyar-Hermány</i> |
| 46. <i>Navicula appendiculata</i> (Ag.) Kg. | <i>Magyar-Hermány</i> |
| 47. <i>Triceratium suborbiculare</i> Pant. | <i>Nagy-Kürtös</i> ⁶⁰⁰ / ₁ |
| 48. <i>Navicula gastrum</i> (E.) Donk. | <i>Magyar-Hermány</i> |
| 49. <i>Navicula bacilliformis</i> Grun. | <i>Magyar-Hermány</i> |
| 50. <i>Clavicula Kinkerii</i> n. s. | <i>Bory</i> |

Vergrößerung ⁸³²/₁

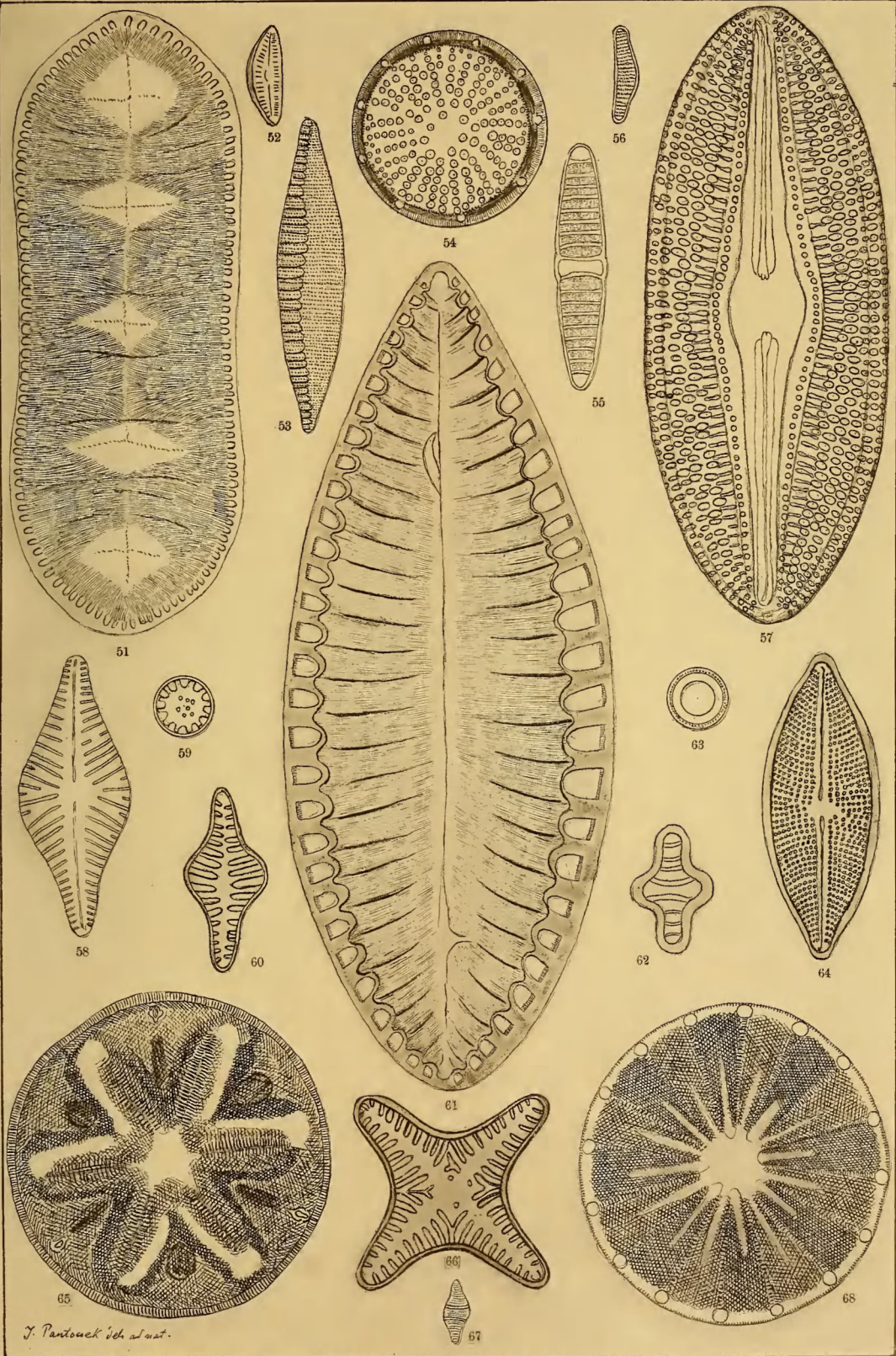




Tafel IV.

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| 51. <i>Cymatopleura Kinkerii</i> n. s. | <i>Köpecz</i> ⁵⁰⁰ / ₁ |
| 52. <i>Cymbella affinis</i> Kg. | <i>Farkasfalva</i> |
| 53. <i>Nitzschia bicuspidata</i> Pant. | <i>Aranyos</i> |
| 54. <i>Coscinodiscus Jimboi</i> n. s. | <i>Wembets</i> ⁶⁰⁰ / ₁ |
| 55. <i>Plagiogramma? boryanum</i> Pant. | <i>Bory</i> |
| 56. <i>Eunotia exigua</i> (Bréb.) Grun. | <i>Farkasfalva</i> |
| 57. <i>Navicula Budayana</i> n. s. | <i>Köpecz</i> |
| 58. <i>Navicula Gurovii</i> n. s. | <i>Köpecz</i> |
| 59. <i>Cyclotella pygmea</i> n. s. | <i>Köpecz</i> |
| 60. <i>Staurosira Harrisonii</i> (W. Sm). Grun. | <i>Bory</i> |
| 61. <i>Surirella Kellerii</i> n. s. | <i>Köpecz</i> ⁵⁰⁰ / ₁ |
| 62. <i>Tetracyclus lacustris</i> Ralfs var. <i>fossilis</i> n. v. | <i>Deménd</i> ⁴⁵² / ₁ |
| 63. <i>Melosira japonica</i> n. s. | <i>Sentenai</i> |
| 64. <i>Navicula Neumayerii</i> nov. s. | <i>Bory</i> |
| 65. <i>Actinoptychus Schmidtii</i> Pant. | <i>Bory</i> ⁶⁰⁰ / ₁ |
| 66. <i>Staurosira Grunowii</i> n. s. | <i>Bory</i> |
| 67. <i>Fragilaria bivittata</i> n. s. | <i>Sentenai</i> |
| 68. <i>Actinoptychus Semseyi</i> Pant. | <i>Nagy-Kürtös</i> ⁶⁰⁰ / ₁ |

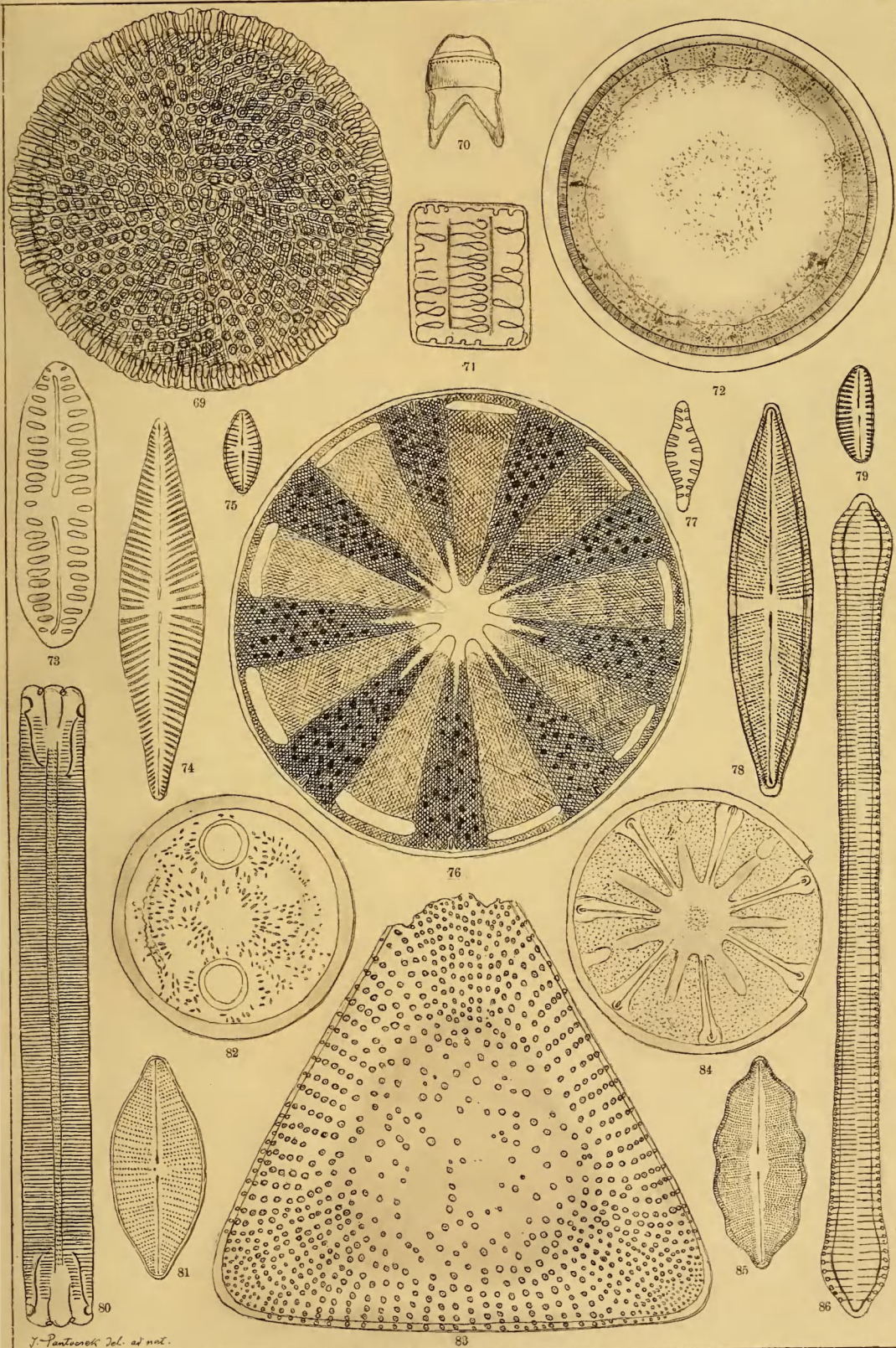
Vergrößerung ⁸³²/₁



Tafel V.

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| 69. <i>Endietya Schmidtii</i> Pant. | Nagy-Kürtös ⁴⁵² / ₁ |
| 70. <i>Dycladia japonica</i> n. s. | Wembets ⁶⁰⁰ / ₁ |
| 71. <i>Tetracyclus lacustris</i> Ralfs var. <i>fossilis</i> n. v. | Deménd ⁴⁵² / ₁ |
| 72. <i>Hyalodiscus ruscicus</i> Pant. | Ananino ⁶⁰⁰ / ₁ |
| 73. <i>Navicula borealis</i> (E.) Kg. var. <i>fossilis</i> n. v. | Köpecz |
| 74. <i>Navicula hasta</i> n. sp. | Köpecz |
| 75. <i>Navicula pumila</i> Grun. var. <i>fossilis</i> n. v. | Deménd |
| 76. <i>Actinoptychus glabratus</i> Gr. var. <i>andesitica</i> Pant. | Bory ⁶⁰⁰ / ₁ |
| 77. <i>Staurosira Harrisonii</i> (W. S. m.) Gr. var. <i>fossilis</i> n. v. | Mocsár |
| 78. <i>Stauroneis boryana</i> n. s. | Bory |
| 79. <i>Cymbella obtusa</i> n. s. | Bory |
| 80. <i>Eunotia flexuosa</i> Kg. var. <i>trachytica</i> n. v. | Bory |
| 81. <i>Navicula Jimboi</i> n. s. | Sentenai |
| 82. <i>Auliscus Lóczyi</i> n. s. | Kavna Bremia ³³² / ₁ |
| 83. <i>Triceratium Smithii</i> Pant. | Kusnetzke ⁶⁰⁰ / ₁ |
| 84. <i>Actinodictyon Weissflogii</i> n. s. | Ananino ⁶⁰⁰ / ₁ |
| 85. <i>Navicula polygibba</i> n. s. | Kavna Bremia ⁶⁰⁰ / ₁ |
| 86. <i>Synedra transylvanica</i> n. s. | Köpecz |

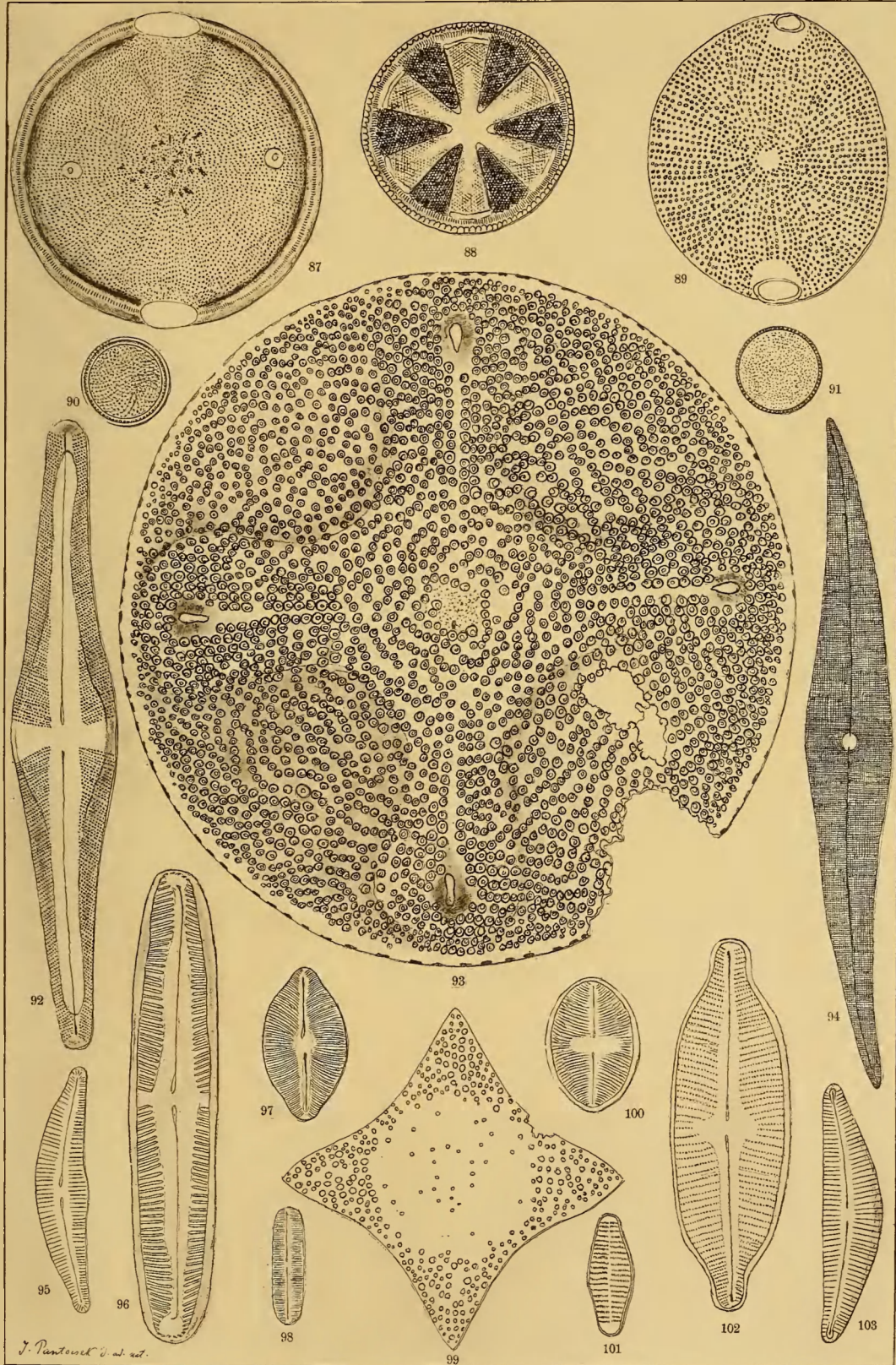
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Tafel VI.

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| 87. <i>Pseudocerataulus Kochii</i> n. s. | <i>Köpecz</i> ⁶⁰⁰ / ₁ |
| 88. <i>Actinoptychus Staubii</i> Pant. | <i>Bory</i> ⁶⁰⁰ / ₁ |
| 89. <i>Odontella boryana</i> Pant. | <i>Bory</i> ⁶⁰⁰ / ₁ |
| 90. <i>Melosira excentrica</i> n. s. | <i>Sentenai</i> |
| 91. <i>Melosira hokkaidoana</i> n. s. | <i>Sentenai</i> |
| 92. <i>Stauroneis Kochii</i> n. s. | <i>Köpecz</i> ⁶⁰⁰ / ₁ |
| 93. <i>Aulacodiscus Tschestnovii</i> Pant. | <i>Kusnetzki</i> ⁶⁰⁰ / ₁ |
| 94. <i>Pleurosigma transylvanicum</i> n. s. | <i>Köpecz</i> ⁶⁰⁰ / ₁ |
| 95. <i>Cymbella inflata</i> n. s. | <i>Sentenai</i> |
| 96. <i>Navicula viridis</i> (E) Kg. var. <i>staurofora</i> n. v. | <i>Magyar-Hermány</i> |
| 97. <i>Navicula arcuata</i> n. s. | <i>Sentenai</i> |
| 98. <i>Navicula debilis</i> n. s. | <i>Sentenai</i> |
| 99. <i>Triceratium lanceolatum</i> Pant. | <i>Kusnetzki</i> ⁴⁵² / ₁ |
| 100. <i>Navicula Haradae</i> n. s. | <i>Sentenai</i> |
| 101. <i>Fragilaria japonica</i> n. s. | <i>Sentenai</i> |
| 102. <i>Navicula styriaca</i> Grun. | <i>Bory</i> |
| 103. <i>Cymbella turgida</i> Greg. | <i>Bory</i> |

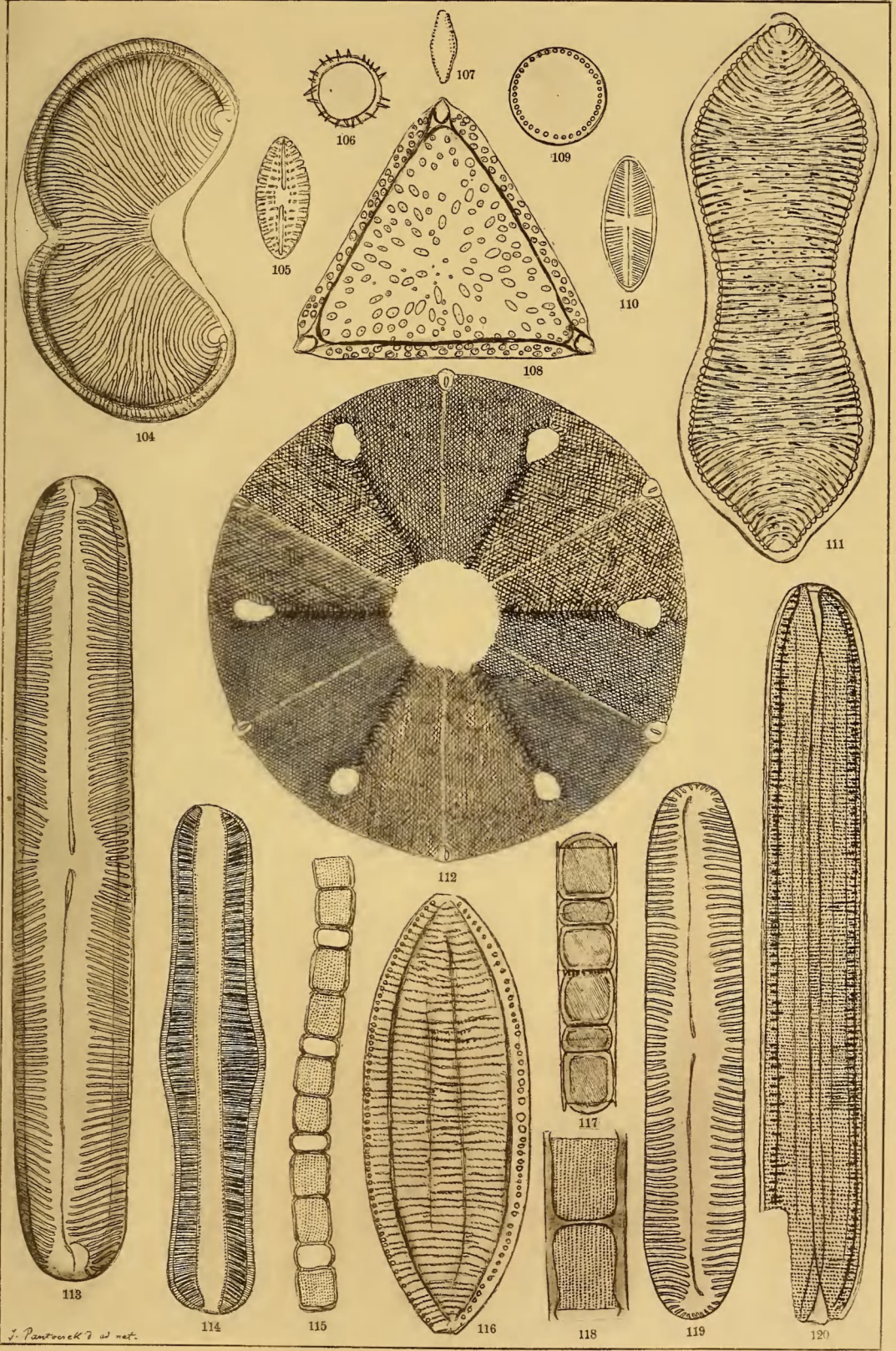
Vergrößerung ⁸³²/₁



Tafel ^vVII.

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| 104. <i>Auricula Szontághii</i> n. s. | <i>Borostelek</i> ⁶⁰⁰ / ₁ |
| 105. <i>Navicula Maulerii</i> Brun | <i>Bodos</i> |
| 106. <i>Melosira granulata</i> (E.) Ralfs | <i>Hidas</i> |
| 107. <i>Fragilaria brevistriata</i> Grun. | <i>Farkasfalva</i> |
| 108. <i>Trinacria Semseyi</i> Pant. | <i>Kusnetzki</i> ⁶⁰⁰ / ₁ |
| 109. <i>Melosira granulata</i> (E.) Ralfs var. borealis n. v. | <i>Farkasfalva</i> |
| 110. <i>Navicula asymetrica</i> n. s. | <i>Sentaui</i> |
| 111. <i>Surirella Kochii</i> n. s. | <i>Bodos</i> |
| 112. <i>Actinoptychus Petitii</i> Pant. | <i>Bory</i> ⁶⁰⁰ / ₁ |
| 113. <i>Navicula major</i> Kg. var. andesitica n. v. | <i>Bory</i> |
| 114. <i>Epithemia ventricosa</i> Kg. var. hungarica n. v. | <i>Magyar-Hermány</i> |
| 115. <i>Melosira crenulata</i> Kg. var. hungarica n. v. | <i>Köpecz</i> |
| 116. <i>Nitzschia Tryblionella</i> Hantz. var. maxima Grun. | <i>Bory</i> |
| 117. <i>Melosira lævis</i> (E.) Grun. | <i>Magyar-Hermány</i> |
| 118. <i>Melosira undulata</i> (E.) Kg. var. minor Pant | <i>Bory</i> |
| 119. <i>Navicula viridis</i> (E.) Kg. | <i>Magyar-Hermány</i> |
| 120. <i>Nitzschia spectabilis</i> (E.) Grun. | <i>Bory</i> ⁴⁵² / ₁ |

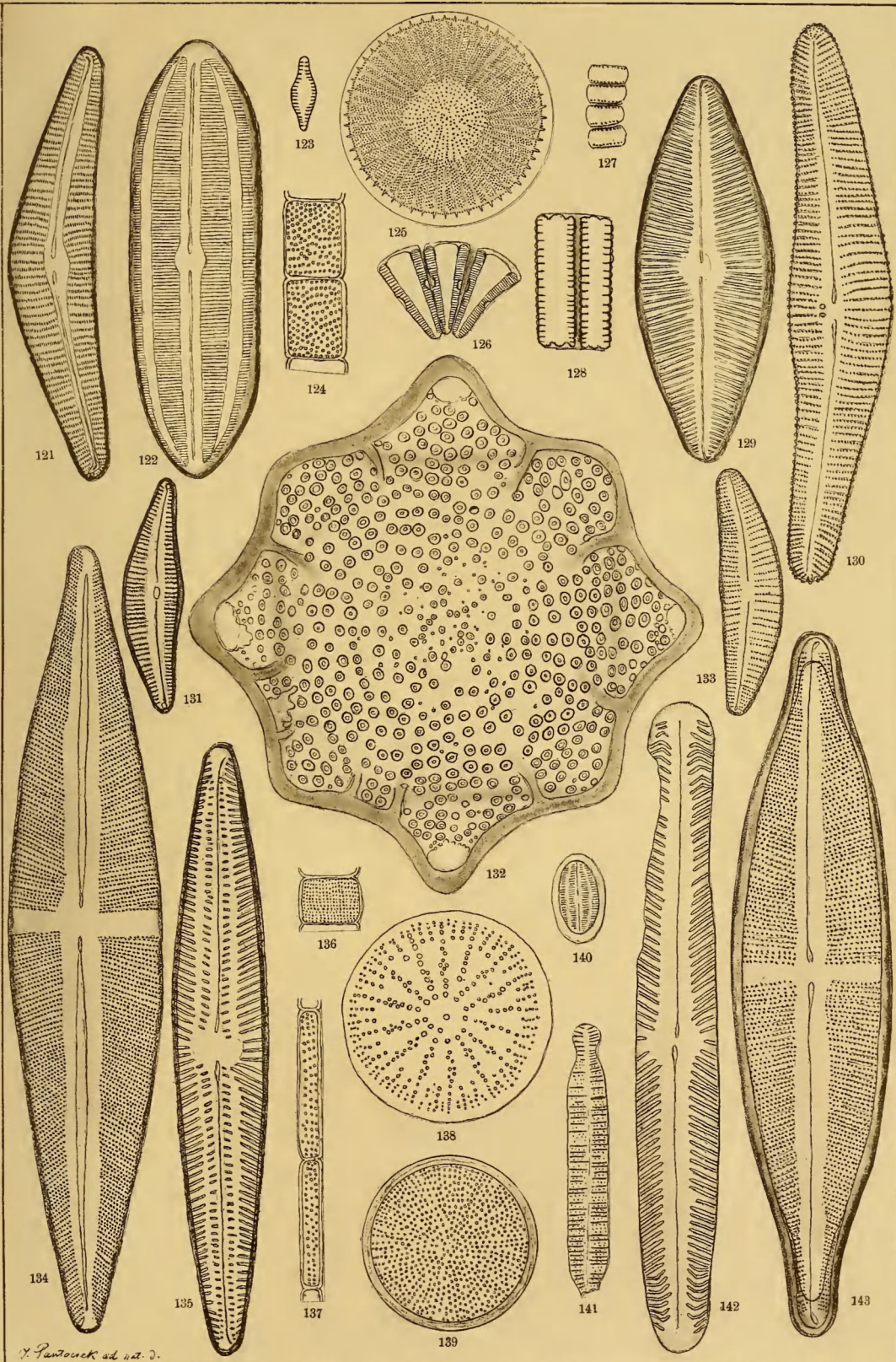
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Tafel VIII.

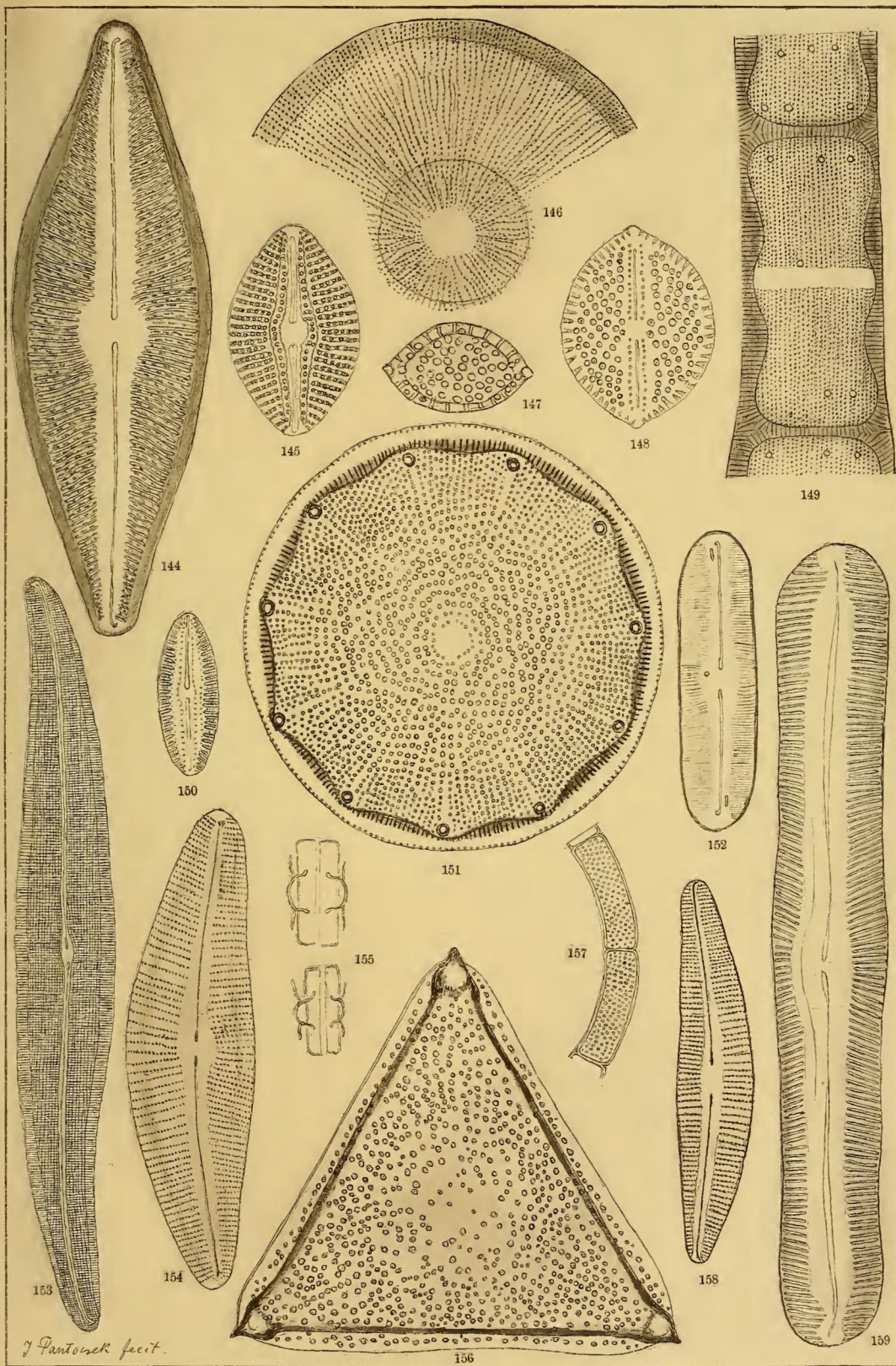
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| 121. <i>Cymbella Rákóczyana</i> n. s. | Köpecz |
| 122. <i>Navicula latevittata</i> n. s. | Bodos |
| 123, 127. <i>Staurosira Venter</i> (E.) Grun. | Deménd |
| 124. <i>Melosira Haradaae</i> n. s. | Sentenai |
| 125. <i>Stephanodiscus transylvanicus</i> n. s. | Köpecz |
| 126. <i>Peronia?</i> <i>boryana</i> n. s. | Bory |
| 128. <i>Fragilaria hungarica</i> n. s. | Deménd |
| 129. <i>Navicula basilica</i> n. s. | Bodos |
| 130. <i>Cymbella Jimboi</i> n. s. | Sentenai |
| 131. <i>Cymbella Staubii</i> n. s. | Bory |
| 132. <i>Triceratium Dutertrei</i> Pant. et Temp. | Kusnetz ⁴⁵² / ₁ |
| 133. <i>Cymbella austriaca</i> Grun. var. <i>fossilis</i> n. v. | Deménd |
| 134. <i>Stauroneis phoenicenteron</i> E. | Magyar-Hermány |
| 135. <i>Navicula Hauerii</i> Grun. | Bory |
| 136. <i>Melosira hokkaidoana</i> n. s. | Sentenai |
| 137. <i>Melosira japonica</i> n. s. | Sentenai |
| 138. <i>Coscinodiscus transylvanicus</i> n. s. | Bodos |
| 139. <i>Coscinodiscus Haradaae</i> n. s. | Sentenai ¹⁰⁶⁶ / ₁ |
| 140. <i>Cocconeis lineata</i> (E.) Grun. var. <i>pygmea</i> n. v. | Köpecz |
| 141. <i>Diatoma anceps</i> (E.) Grun. var. <i>fossilis</i> n. v. | Sentenai |
| 142. <i>Navicula oblonga</i> Kg. | Magyar-Hermány |
| 143. <i>Stauroneis Szontághii</i> n. s. | Bory |

Vergrößerung ⁸³²/₁



Tafel IX.

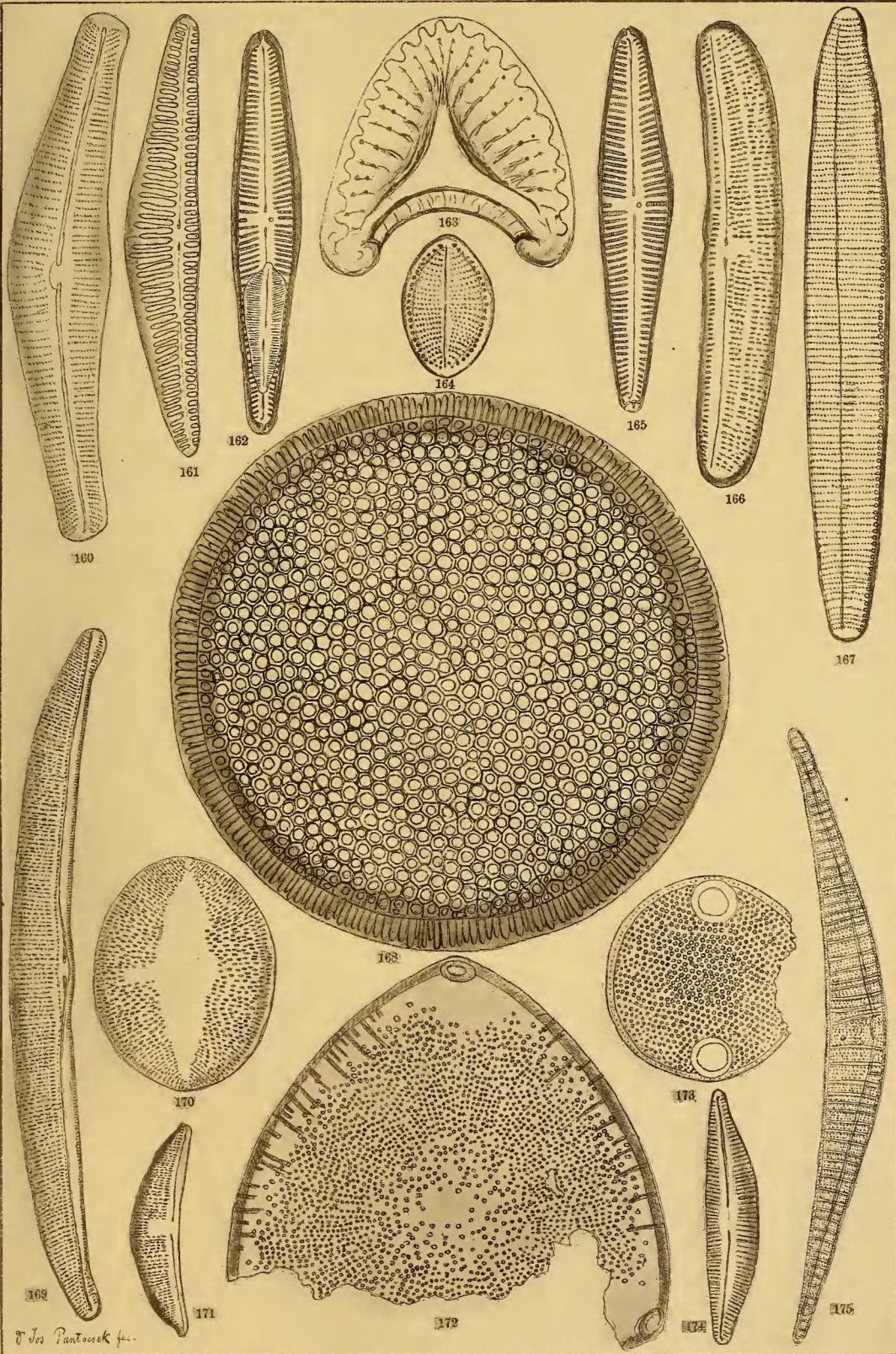
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| 144. <i>Navicula paludinarum</i> n. s. | <i>Bodos</i> ⁸³² / ₁ |
| 145. <i>Navicula ostracodarum</i> n. s. | <i>Köpecz</i> ⁷⁴⁵ / ₁ |
| 146, 149. <i>Melosira undulata</i> (E.) Kg. | <i>Bory</i> ¹⁰⁶⁶ / ₁ |
| 147. <i>Biddulphia Grovei</i> n. s. | <i>Oamaru</i> ⁸³² / ₁ |
| 148. <i>Orhoneis Pethői</i> n. s. | <i>Nyermegy</i> ⁸³² / ₁ |
| 150. <i>Navicula Maulerii</i> Brun. | <i>Köpecz</i> ⁶⁰⁰ / ₁ |
| 151. <i>Aulacodiscus notabilis</i> Pant. | <i>Nagy-Kürtös</i> ⁴⁵² / ₁ |
| 152. <i>Navicula trinotata</i> n. s. | <i>Köpecz</i> ³³² / ₁ |
| 153. <i>Pleurosigma Kochii</i> n. s. | <i>Köpecz</i> ⁴⁵² / ₁ |
| 154. <i>Cymbella valida</i> n. s. | <i>Deménd</i> ⁸³² / ₁ |
| 155. <i>Stigmaphora</i> ? <i>hungarica</i> n. s. | <i>Borostelek</i> ⁶⁰⁰ / ₁ |
| 156. <i>Trinacria Tschestnovii</i> Pant. | <i>Kusnetzk</i> ⁴⁵² / ₁ |
| 157. <i>Melosira arcuata</i> n. s. | <i>Sentenai</i> ⁸³² / ₁ |
| 158. <i>Cymbella helvetica</i> Kg. var. <i>fossilis</i> n. v. | <i>Farkasfalva</i> ⁸³² / ₁ |
| 159. <i>Navicula nobilis</i> Kg. var. <i>neogena</i> Grun. | <i>Bory</i> ⁶⁰⁰ / ₁ |



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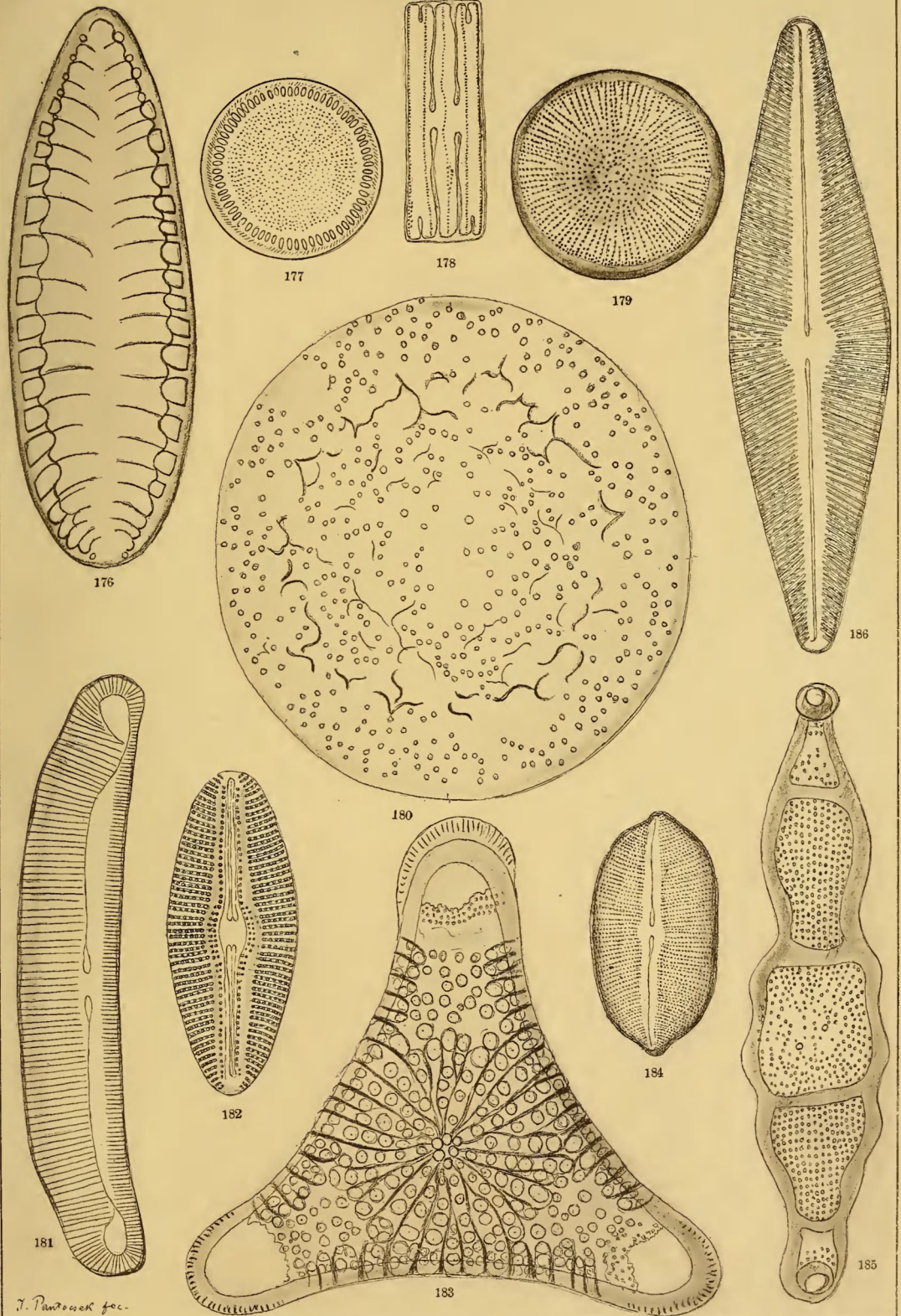
Tafel ^v X.

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| 160. <i>Cymbella capitata</i> n. s. | <i>Bodos</i> ⁸³² / ₁ |
| 161. <i>Cymbella Szontághii</i> n. s. | <i>Borostelek</i> ⁶⁰⁰ / ₁ |
| 162, 165. <i>Gomphonema Kinkerii</i> n. s. | <i>Köpecz</i> ⁷⁴⁶ / ₁ |
| 163. <i>Campylodiscus hibernicus</i> E. v. <i>transylvanicus</i> n. v. | <i>Köpecz</i> ⁸³² / ₁ |
| 164. <i>Cocconeis californica</i> Grun. var. <i>hungarica</i> n. v. | <i>Bory</i> ¹⁰⁶⁶ / ₁ |
| 166. <i>Amphora verrucosa</i> n. s. | <i>Köpecz</i> ⁷⁴⁶ / ₁ |
| 167. <i>Nitzschia transylvanica</i> n. s. | <i>Köpecz</i> ⁸³² / ₁ |
| 168. <i>Endietya Lunyaecekii</i> Pant. | <i>Nagy-Kürtös</i> ⁴⁵² / ₁ |
| 169. <i>Amphora Kossuthii</i> n. s. | <i>Nyermegy</i> ⁵⁰⁰ / ₁ |
| 170. <i>Cocconeis andesitica</i> Pant. | <i>Bory</i> ⁸³² / ₁ |
| 171. <i>Amphora Staubii</i> n. s. | <i>Köpecz</i> ⁶⁰⁰ / ₁ |
| 172. <i>Triceratium Peragalloii</i> Pant. et Temp. | <i>Kusnetzki</i> ⁶⁰⁰ / ₁ |
| 173. <i>Pseudoauliscus granulatus</i> n. s. | <i>Ananino</i> ⁶⁰⁰ / ₁ |
| 174. <i>Cymbella cymbiformis</i> E. | <i>Deménd</i> ⁸³² / ₁ |
| 175. <i>Epithemia gibberula</i> Grun. var. <i>perlonga</i> Pant. | <i>Bory</i> ⁶⁰⁰ / ₁ |



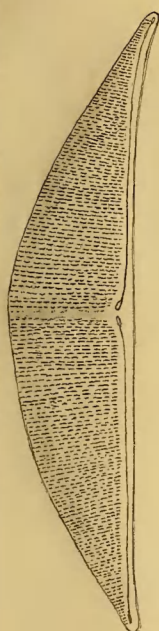
Tafel **XI.**

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|---|--|
| 176. <i>Surirella tenera</i> Greg. var. fossilis n. v. | <i>Bory</i> |
| 177. <i>Cyclotella transylvanica</i> n. s. | <i>Köpecz</i> |
| 178. <i>Grammatophora monilifera</i> Temp. Brun. | <i>Wembets</i> ⁶⁰⁰ / ₁ |
| 179. <i>Melosira hungarica</i> n. s. | <i>Demend</i> |
| 180. <i>Acanthodiscus rugosus</i> n. g. et. s. | <i>Kusnetzki</i> ⁶⁰⁰ / ₁ |
| 181. <i>Amphora strigata</i> n. s. | <i>Sentenai</i> |
| 182. <i>Navicula praeclara</i> n. s. | <i>Köpecz</i> ⁷⁴⁶ / ₁ |
| 183. <i>Triceratium Armaševskii</i> n. s. | <i>Kusnetzki</i> ⁶⁰⁰ / ₁ |
| 184. <i>Navicula conspersa</i> n. s. | <i>Köpecz</i> ⁶⁰⁰ / ₁ |
| 185. <i>Biddulphia Tuomeyi</i> (Bail.) Rop. var. boryana Pant. | <i>Bory</i> |
| 186. <i>Navicula palludinarum</i> n. s. var. gracillior | <i>Bodos</i> ⁶⁰⁰ / ₁ |
- Vergrößerung ⁸³²/₁



Tafel ~~XII~~.

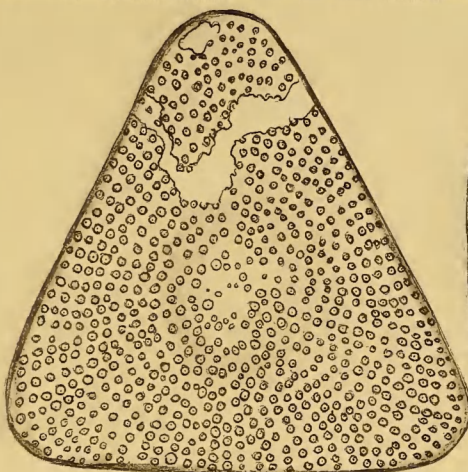
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| 187. <i>Amphora acuta</i> Greg var. <i>neogena</i> Pant. | <i>Bory</i> |
| 188. <i>Navicula curtestriata</i> n. s. | <i>Köpecz</i> ⁶⁰⁰ / ₁ |
| 189. <i>Triceratium triasicum</i> Pant. | <i>Kusnetz</i> ⁶⁰⁰ / ₁ |
| 190. <i>Amphora intersecta</i> A. Schm. | <i>Borostelek</i> ⁶⁰⁰ / ₁ |
| 191. <i>Surirella verrucosa</i> n. s. | <i>Bodos</i> |
| 192. <i>Actinoptychus Pethői</i> Pant. | <i>Nagy-Kürtös</i> ⁶⁰⁰ / ₁ |
| 193. <i>Navicula viridis</i> (E.) Kg. var. <i>fossilis</i> n. v. | <i>Bory</i> |
| 194. <i>Navicula styriaca</i> Grun. | <i>Bory</i> |
| 195. <i>Triceratium speciosum</i> n. s. | <i>Kusnetz</i> ⁶⁰⁰ / ₁ |
| 196. <i>Navicula Toulaae</i> n. s. | <i>Köpecz</i> |
| 197. <i>Eunotia pectinalis</i> (Kg.) Rbh. var. <i>trachytica</i> n. v. | <i>Bory</i> |
| Vergrößerung ⁸³² / ₁ | |



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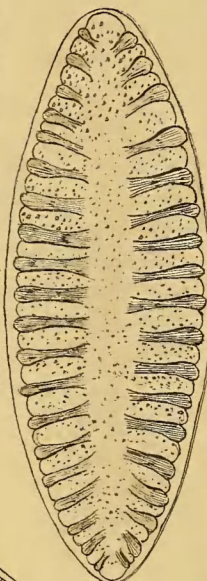
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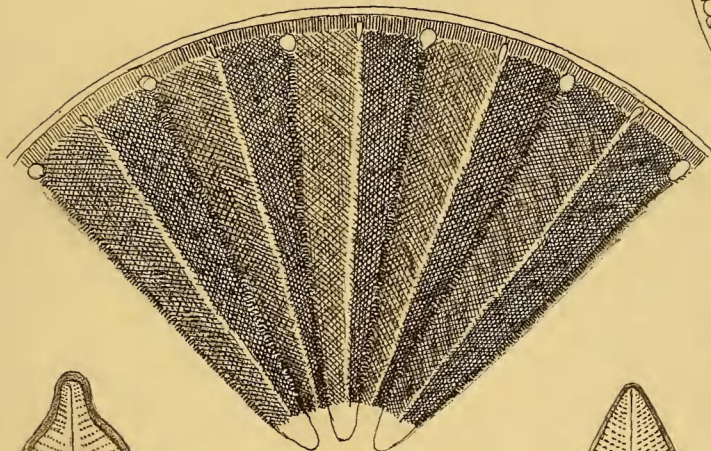
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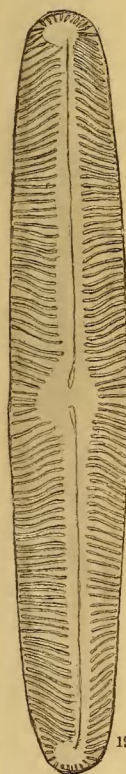
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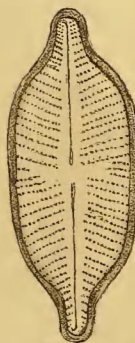
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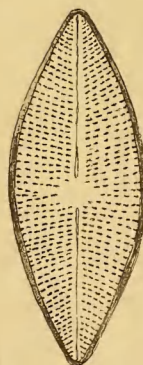
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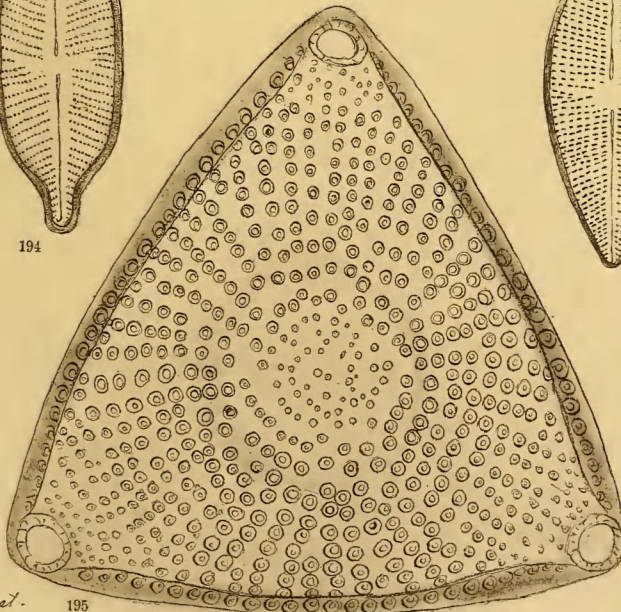
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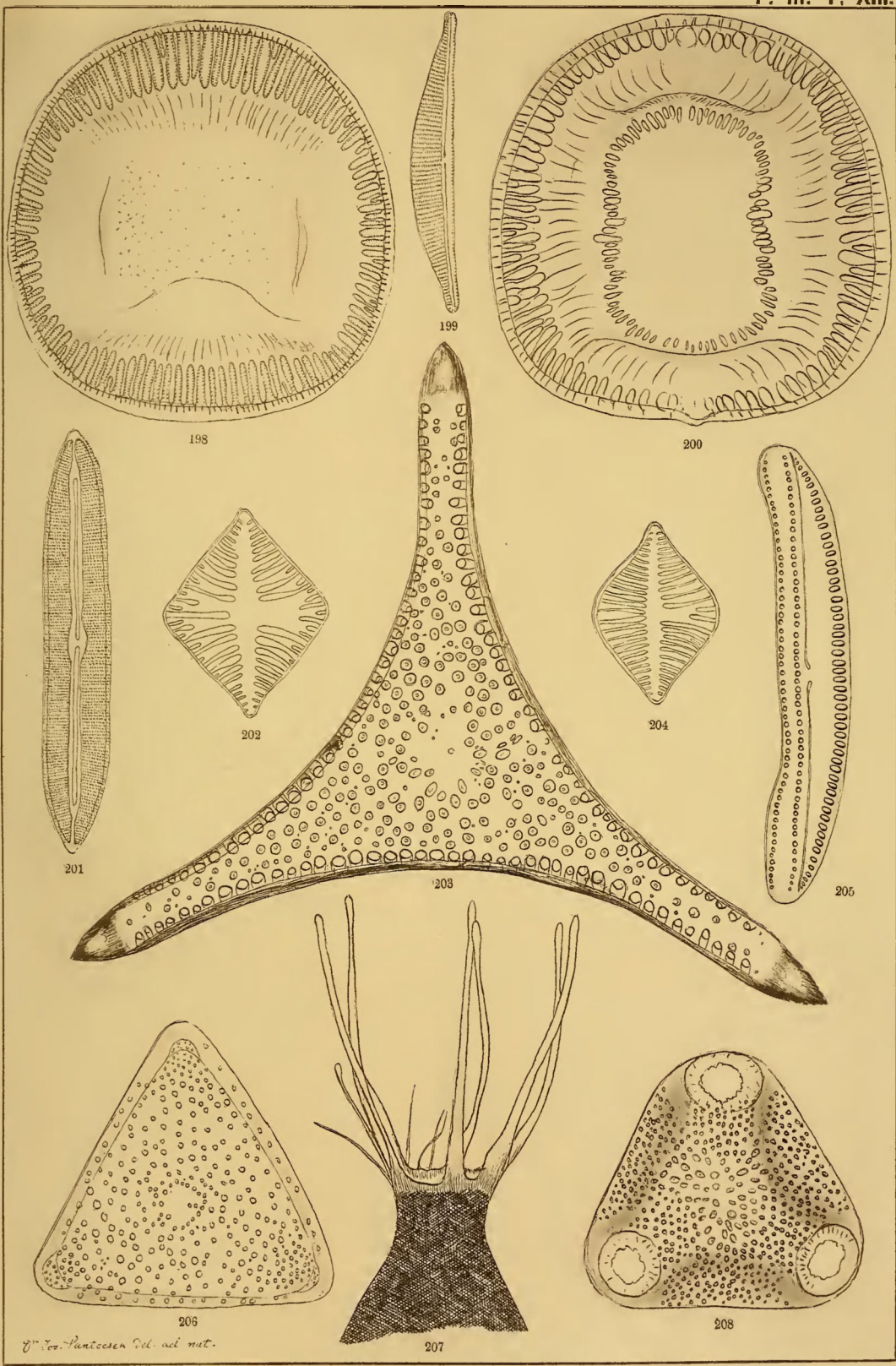
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Tafel XIII.

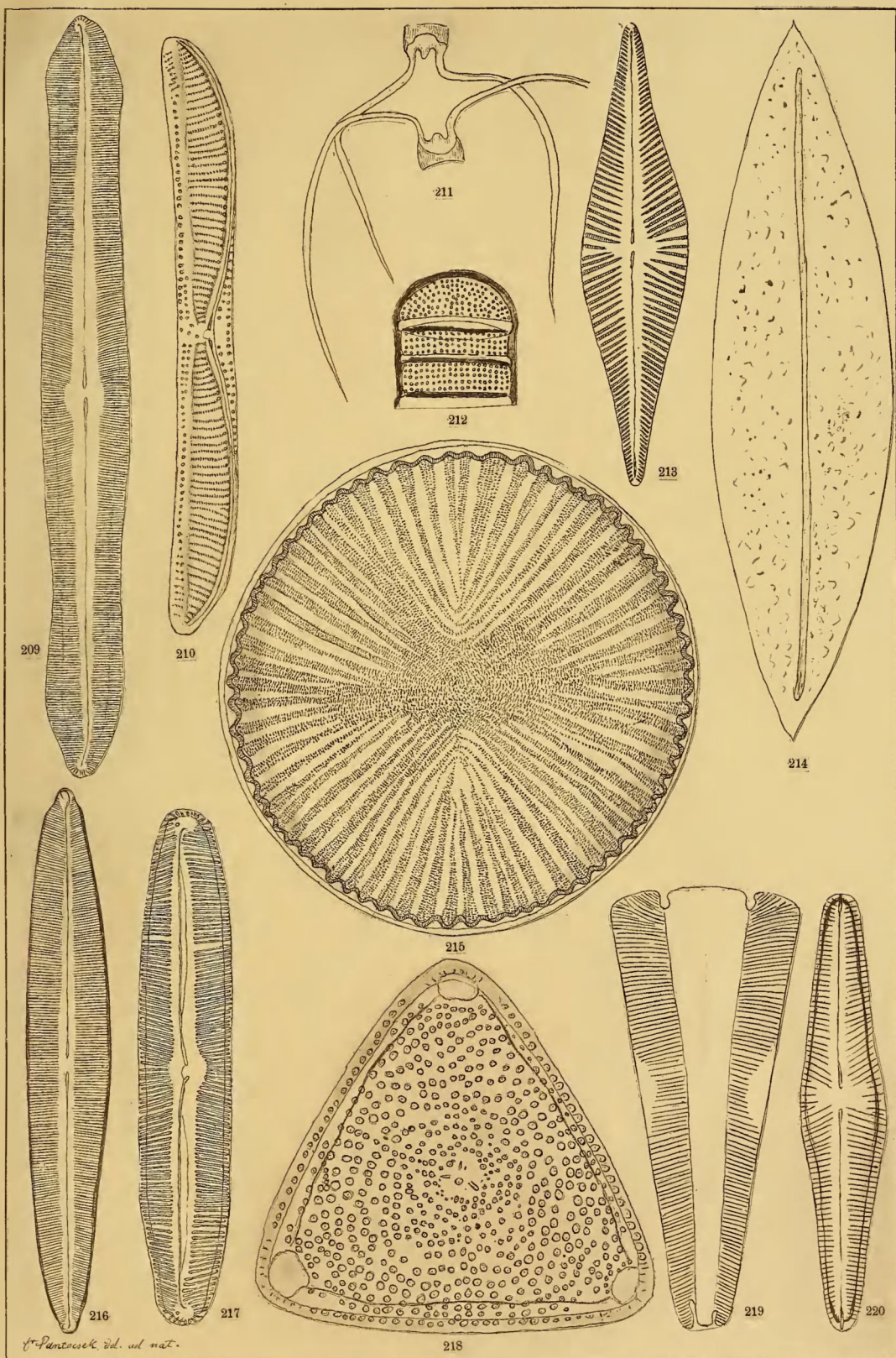
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| 198. <i>Campylodiscus Eulensteinii</i> Pant. | <i>Nagy-Kürtös</i> ⁶⁰⁰ / ₁ |
| 199. <i>Amphora juvenalis</i> n. s. | <i>Izsopallaga-Serges</i> ⁹⁰⁰ / ₁ |
| 200. <i>Campylodiscus Kidstonii</i> Pant. | <i>Bory</i> ⁶⁰⁰ / ₁ |
| 201. <i>Navicula includens</i> n. s. | <i>Izsopallaga-Serges</i> ⁹⁰⁰ / ₁ |
| 202. <i>Achnanthes baldjickii</i> (Brg.) Gr. v. <i>subquadrata</i> n. v. | <i>Borostelek</i> ⁹⁰⁰ / ₁ |
| 203. <i>Trinacria excavata</i> Hbg. var. <i>producta</i> Pant. | <i>Ananino</i> ⁶⁸⁰ / ₁ |
| 204. <i>Achnanthes baldjickii</i> (Bright) Grun. | <i>Nyermegy</i> ⁹⁰⁰ / ₁ |
| 205. <i>Amphora andesitica</i> n. s. | <i>Káránd</i> ⁹⁰⁰ / ₁ |
| 206. <i>Triceratium fragile</i> n. s. | <i>Kusnetzki</i> ⁶⁰⁰ / ₁ |
| 207. <i>Zygoceros hungaricus</i> n. s. | <i>Káránd</i> ⁶⁸⁰ / ₁ |
| 208. <i>Triceratium vastum</i> n. s. | <i>Borostelek</i> ⁹⁰⁰ / ₁ |



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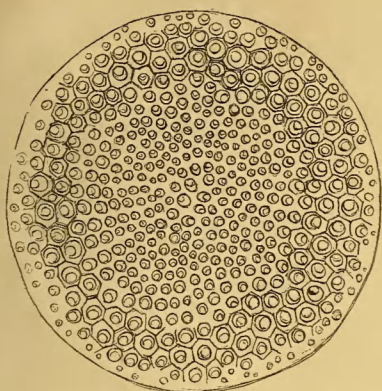
Tafel XXV.

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| 209. <i>Navicula perlonga</i> Pant. | <i>Borostelek</i> ³²⁰ / ₁ |
| 210. <i>Amphora invidenda</i> n. s. | <i>Izsopallaga-Serges</i> ⁶⁰⁰ / ₁ |
| 211. <i>Chætoceros hungaricus</i> n. s. | <i>Káránd</i> ⁶³⁰ / ₁ |
| 212. <i>Melosira transylvanica</i> n. s. | <i>Köpecz</i> ⁸³² / ₁ |
| 213. <i>Navicula hasta</i> n. s. | <i>Köpecz</i> ⁸³² / ₁ |
| 214. <i>Odontotropis birostrata</i> Pant. | <i>Kusnetzk</i> ⁶⁰⁰ / ₁ |
| 215. <i>Campylodiscus noricus</i> E. var. <i>fossilis</i> n. s. | <i>Bodos</i> ⁴⁰⁰ / ₁ |
| 216. <i>Navicula inculta</i> n. s. | <i>Köpecz</i> ⁸³² / ₁ |
| 217. <i>Navicula Gutvinskii</i> n. s. | <i>Bodos</i> ⁴⁶² / ₁ |
| 218. <i>Triceratium cristatum</i> n. s. | <i>Kusnetzk</i> ⁶⁰⁰ / ₁ |
| 219, 220. <i>Gomphonema transylvanicum</i> n. s. | <i>Köpecz</i> ⁸³² / ₁ |

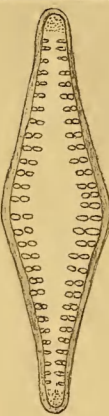


Tafel XV.

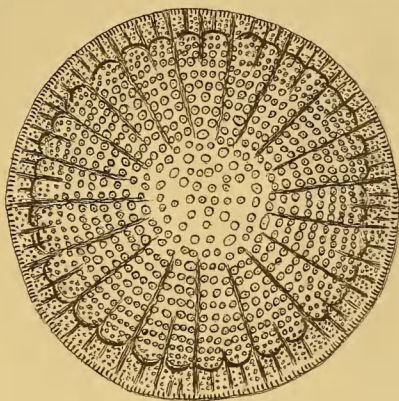
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| 221. <i>Coscinodiscus Asonumaae</i> n. s. | <i>Wembets</i> ³⁶⁰ / ₁ |
| 222. <i>Rhaphoneis Kinkerii</i> n. s. | <i>Izsoallaga-Serges</i> ⁷⁴⁶ / ₁ |
| 223. <i>Arachnoidiscus simbirskianus</i> n. s. | <i>Ananino</i> ⁴⁵² / ₁ |
| 224. <i>Plagiogramma Truanii</i> Pant. | <i>Bory</i> ⁸³² / ₁ |
| 225. <i>Amphora tertiaria</i> Pant. | <i>Nagy-Kürtös</i> ⁴⁵² / ₁ |
| 226. <i>Arachnoidiscus russicus</i> Pant. | <i>Kusnetzki</i> ⁴⁵² / ₁ |
| 227. <i>Amphora Nova Caledonica</i> Grun. | <i>Bory</i> ⁶⁰⁰ / ₁ |
| 228. <i>Amphora staurophora</i> Pant. | <i>Bory</i> ⁶⁰⁰ / ₁ |
| 229. <i>Cymbella suavis</i> n. s. | <i>Köpecz</i> ⁶⁰⁰ / ₁ |
| 230. <i>Navicula hilarula</i> n. s. | <i>Köpecz</i> ⁸³² / ₁ |
| 231. <i>Triceratium præferox</i> n. s. | <i>Kusnetzki</i> ⁶⁰⁰ / ₁ |
| 232. <i>Navicula præflua</i> n. s. | <i>Bory</i> ⁶⁵⁰ / ₁ |
| 233. <i>Cymbella Budayiana</i> n. s. | <i>Köpecz</i> ⁸³² / ₁ |



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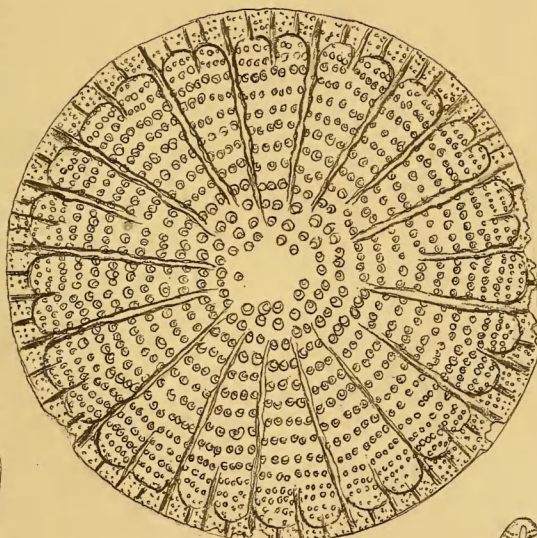
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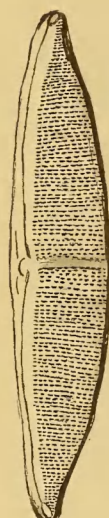
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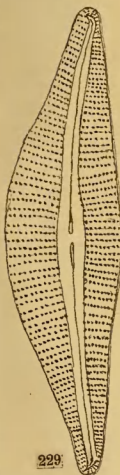
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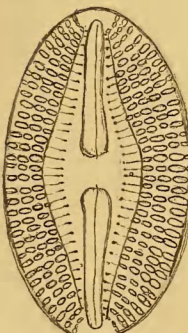
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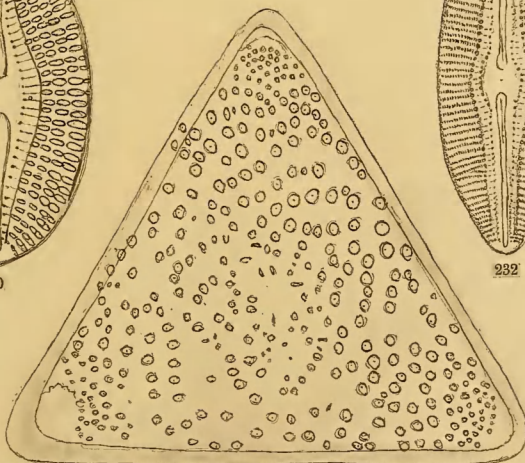
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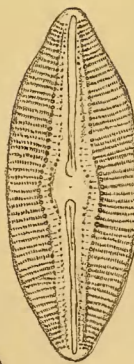
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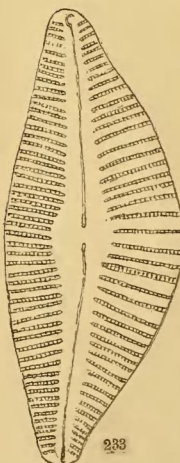
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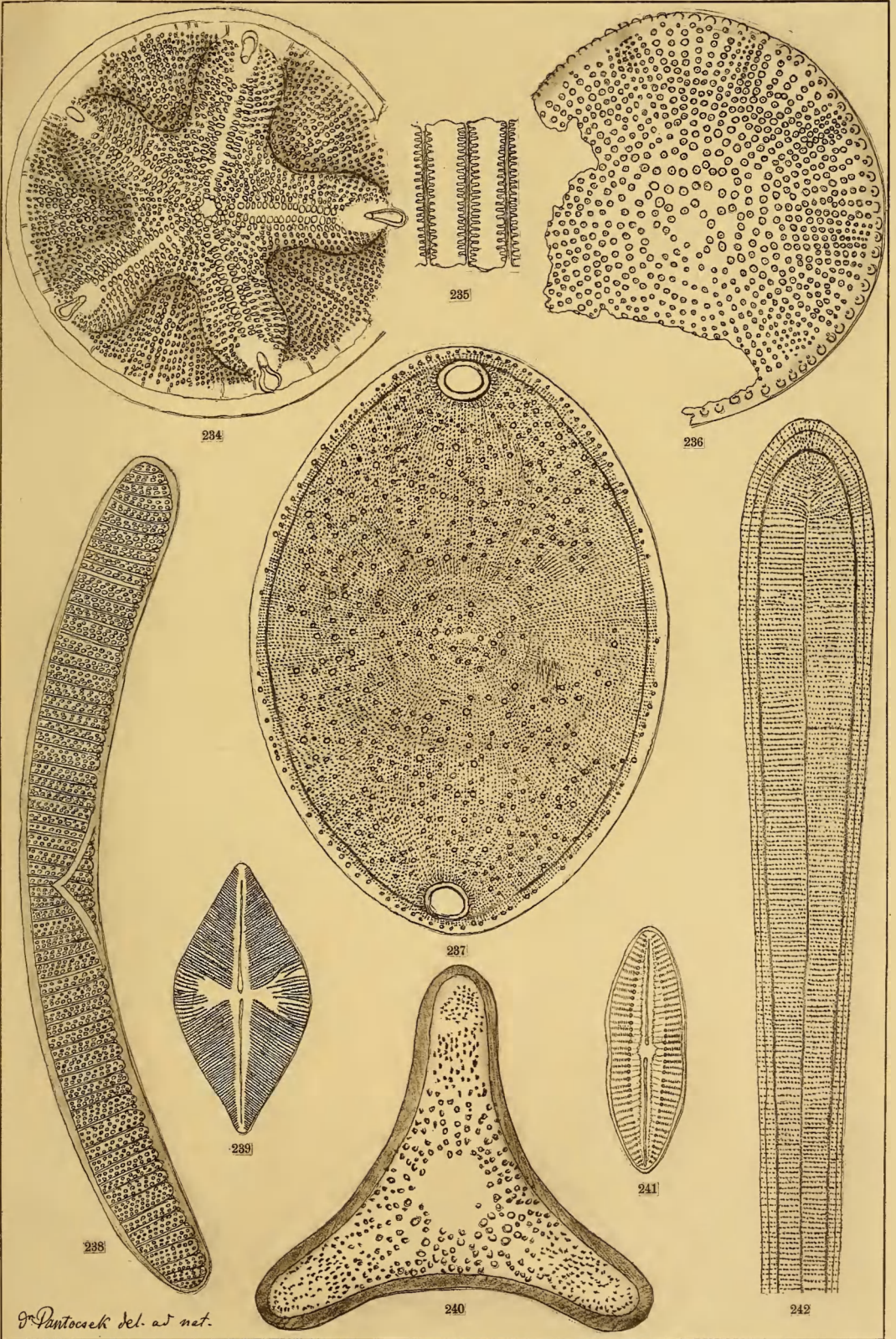


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Tafel ~~XVI~~.^v

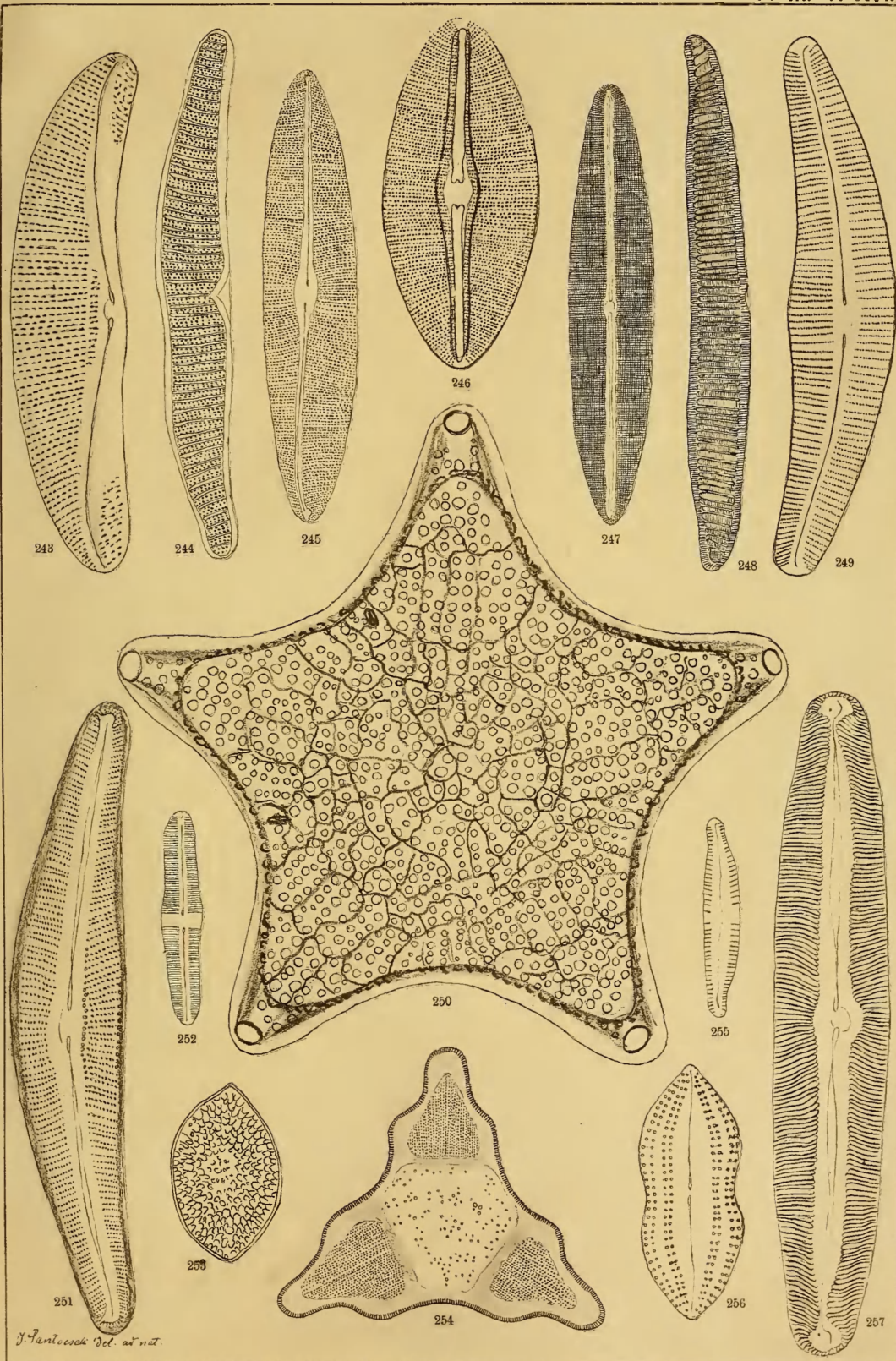
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| 234. Aulacodiscus Ledebourii Pant. | <i>Kusnetzki</i> 600/ |
| 235. Fragilaria Kochii n. s. | <i>Köpecz</i> 832/1 |
| 236. Lamprotediscus fasciculatus n. s. | <i>Ananino</i> 600/1 |
| 237. Cerataulus japonicus n. s. | <i>Wembets</i> 360/1 |
| 238. Epithemia perlonga n. s. | <i>Köpecz</i> 600/1 |
| 239. Navicula Vaszaryi n. s. | <i>Nyermegy</i> 746/1 |
| 240. Triceratium distinguendum n. s. | <i>Ananino</i> 600/1 |
| 241. Navicula Hornigii n. s. | <i>Bory</i> 650/1 |
| 242. Synedra Jurányi n. s. | <i>Borostelek</i> 746/1 |



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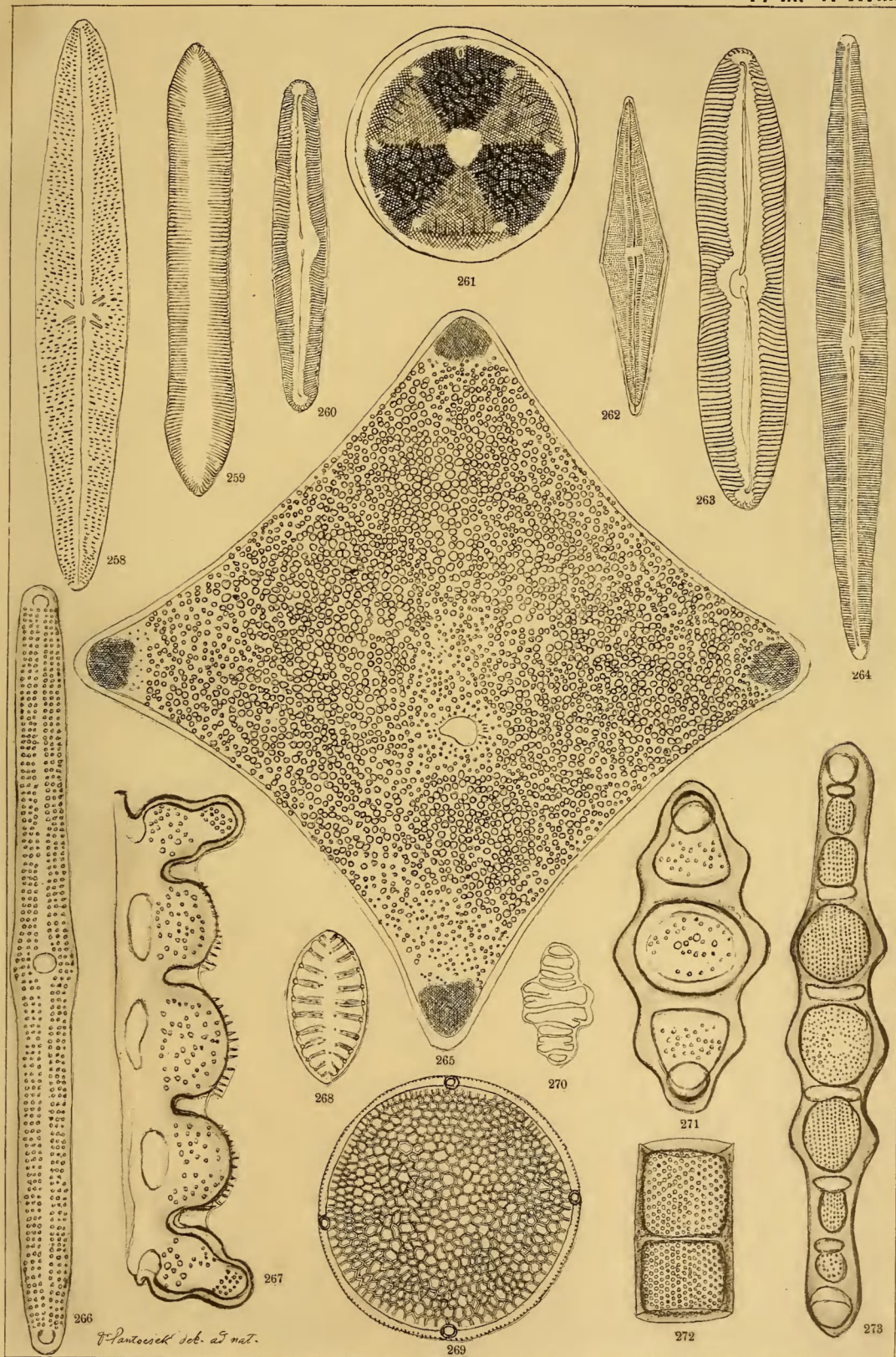
Tafel ~~X~~^VVII.

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| 243. <i>Amphora gigantea</i> Grun. var. <i>andesitica</i> Pant. | <i>Bory</i> |
| 244. <i>Epithemia directa</i> n. s. | <i>Köpecz</i> |
| 245. <i>Scoliopleura tumida</i> (Bréb.) Rab. | <i>Dubravica</i> |
| 246. <i>Navicula carpathorum</i> n. s. | <i>Dubravica</i> |
| 247. <i>Navicula Mártonfi</i> n. s. | <i>Nyermezy</i> ⁵⁰⁰ / ₁ |
| 248. <i>Epithemia striolata</i> n. s. | <i>Köpecz</i> |
| 249. <i>Cymbella perfecta</i> n. s. | <i>Deméni</i> ⁸³² / ₁ |
| 250. <i>Triceratium hungaricum</i> n. s. | <i>Bory</i> |
| 251. <i>Cymbella dubravicensis</i> Grun. | <i>Dubravica</i> |
| 252. <i>Navicula neogena</i> n. s. | <i>Dubravica</i> |
| 253. <i>Epithelion curvatum</i> nov. gen. et spec. | <i>Kusnetzki</i> ⁵⁰⁰ / ₁ |
| 254. <i>Terpsinoë Brunii</i> n. s. | <i>Wembets</i> |
| 255. <i>Cymbella abnormis</i> Grun. var. <i>fossilis</i> n. v. | <i>Dubravica</i> |
| 256. <i>Navicula muscæformis</i> n. s. | <i>Káránd</i> ⁸³² / ₁ |
| 257. <i>Navicula Hyrtl</i> n. s. | <i>Bodos</i> ⁵⁰⁰ / ₁ |
| Vergrößerung ⁶⁰⁰ / ₁ | |



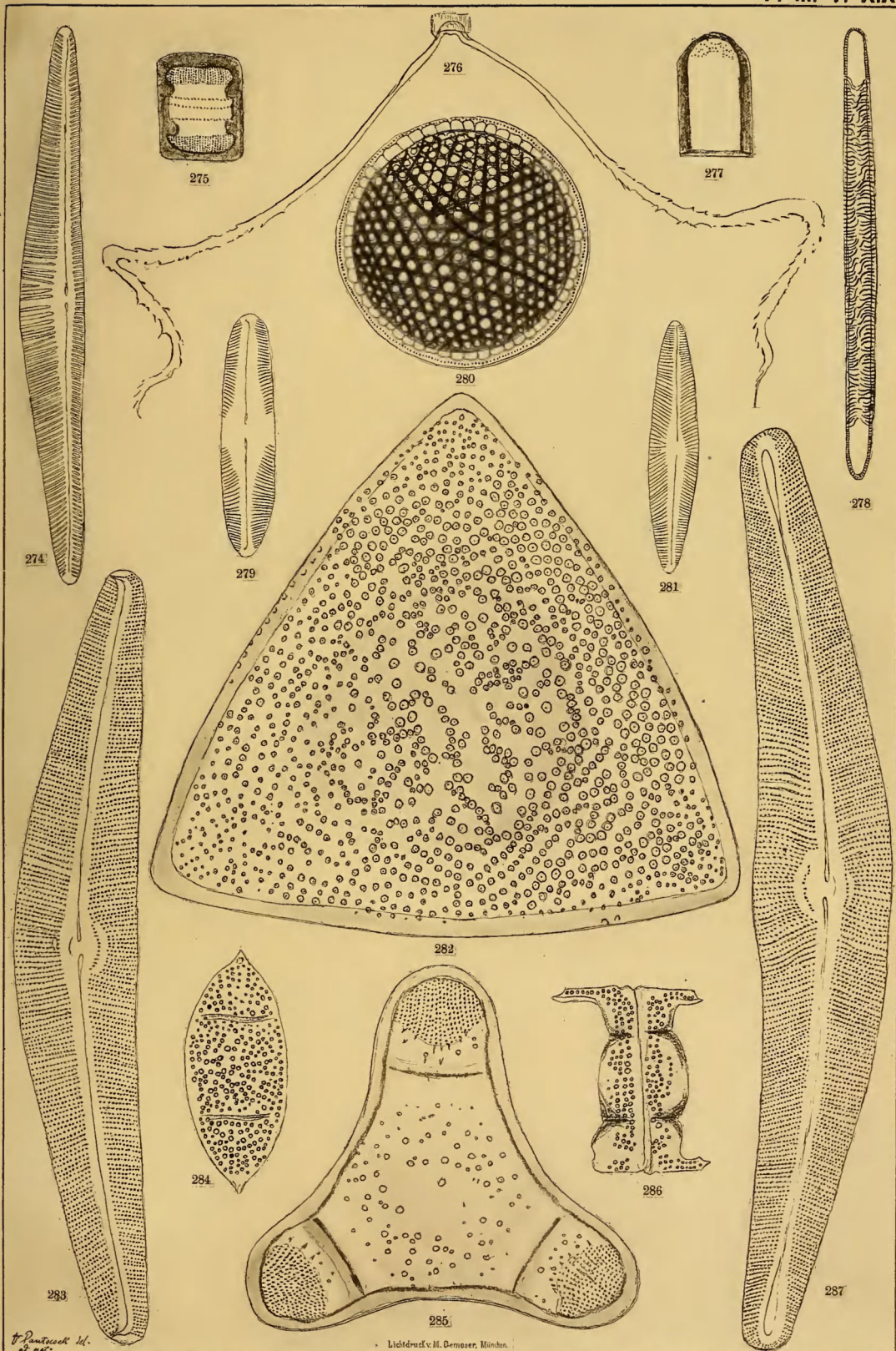
Tafel ~~XV~~^VIII.

258	<i>Navicula pseudoaspera</i> n. s.	<i>Borostelek</i> 600/1
259.	<i>Cymatopleura gracilis</i> n. s.	<i>Kápecz</i>
260.	<i>Navicula Proserpinæ</i> n. s.	<i>Bodos</i>
261.	<i>Actinoptychus notabilis</i> n. s.	<i>Izsóallaga Serges</i>
262.	<i>Navicula perducta</i> n. s.	<i>Nyermegy</i>
263.	<i>Navicula paripinnata</i> n. s.	<i>Bodos</i>
264.	<i>Navicula lucida</i> n. s.	<i>Bodos</i>
265.	<i>Triceratium cœrulescens</i> n. s.	<i>Sënduř</i> 300/1
266	<i>Plagiogramma Lóczyi</i> n. s.	<i>Kavna-Bremia</i> 750/1
267, 271.	<i>Biddulphia japonica</i> n. s.	<i>Wembets</i> 600/1
268.	<i>Surirella amœna</i> n. s.	<i>Bodos</i>
269.	<i>Triceratium microtis</i> Gr. var. <i>quadriocellata</i> Pant.	<i>Szakal</i> 332/1
270.	<i>Tetracyclus emarginatus</i> E.	<i>Bodos</i>
272.	<i>Melosira granulata</i> (E.) Ralf. var. <i>hungarica</i> n. v.	<i>Hidas</i> 332/1
273.	<i>Biddulphia fistulosa</i> n. s.	<i>Kusnetz</i>
	Vergrößerung 600/1	



Tafel ^vXIX.

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| 274. <i>Cymbella marina</i> n. s. | <i>Wembets</i> ⁶⁰⁰ / ₁ |
| 275. <i>Melosira fungiformis</i> n., s. | <i>Nyermegy</i> |
| 276. <i>Chaetoceros gracilis</i> n. s. | <i>Káránd</i> ⁶⁰⁰ / ₁ |
| 277. <i>Pyxilla russica</i> n. s. | <i>Kusnetzki</i> |
| 278. <i>Synedra taeniata</i> n. s. | <i>Nyermegy</i> |
| 279. <i>Navicula Brebisonii</i> Kg. var. <i>fossilis</i> n. v. | <i>Bodos</i> ⁶⁰⁰ / ₁ |
| 280. <i>Stephanopyxis antiqua</i> n. s. | <i>Kusnetzki</i> |
| 281. <i>Navicula dubravicensis</i> Grun. | <i>Dubravica</i> ⁶⁰⁰ / ₁ |
| 282. <i>Stictodiscus Tschestnovii</i> n. s. | <i>Kusnetzki</i> |
| 283. <i>Cymbella Grunowii</i> n. s. | <i>Dubravica</i> ⁶⁰⁰ / ₁ |
| 284, 286. <i>Hemiaulus hungaricus</i> Pant. | <i>Szakai</i> ⁸³² / ₁ |
| 285. <i>Triceratium deductum</i> n. s. | <i>Kusnetzki</i> |
| 287. <i>Cymbella Sturii</i> Grun. | <i>Dubravica</i> ⁶⁰⁰ / ₁ |
| Vergrößerung ⁵⁰⁰ / ₁ | |

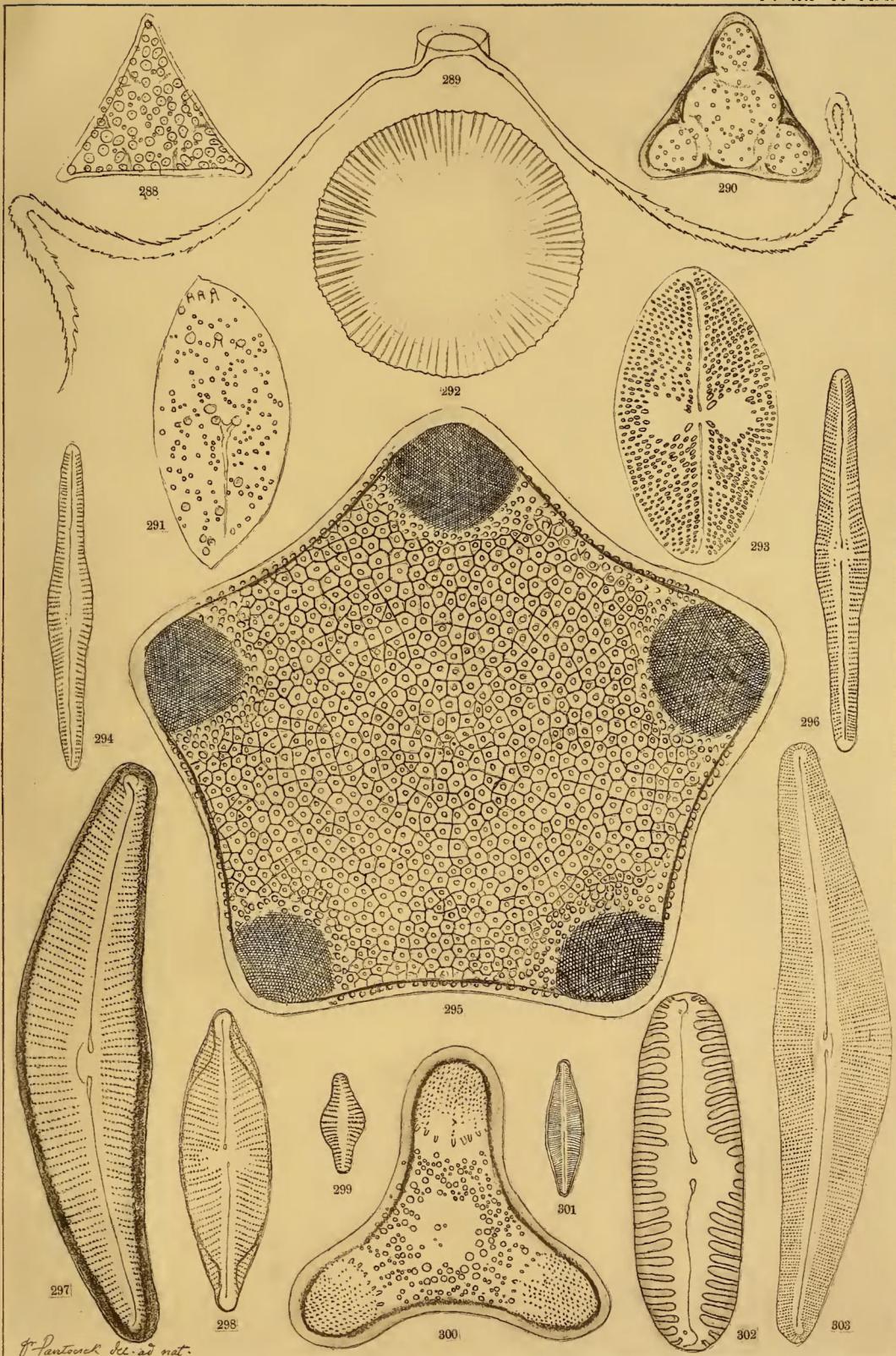


P. Pautsch del.
25. 1887.

Lithdruck v. H. Gemeser, München.

Tafel ^vXX.

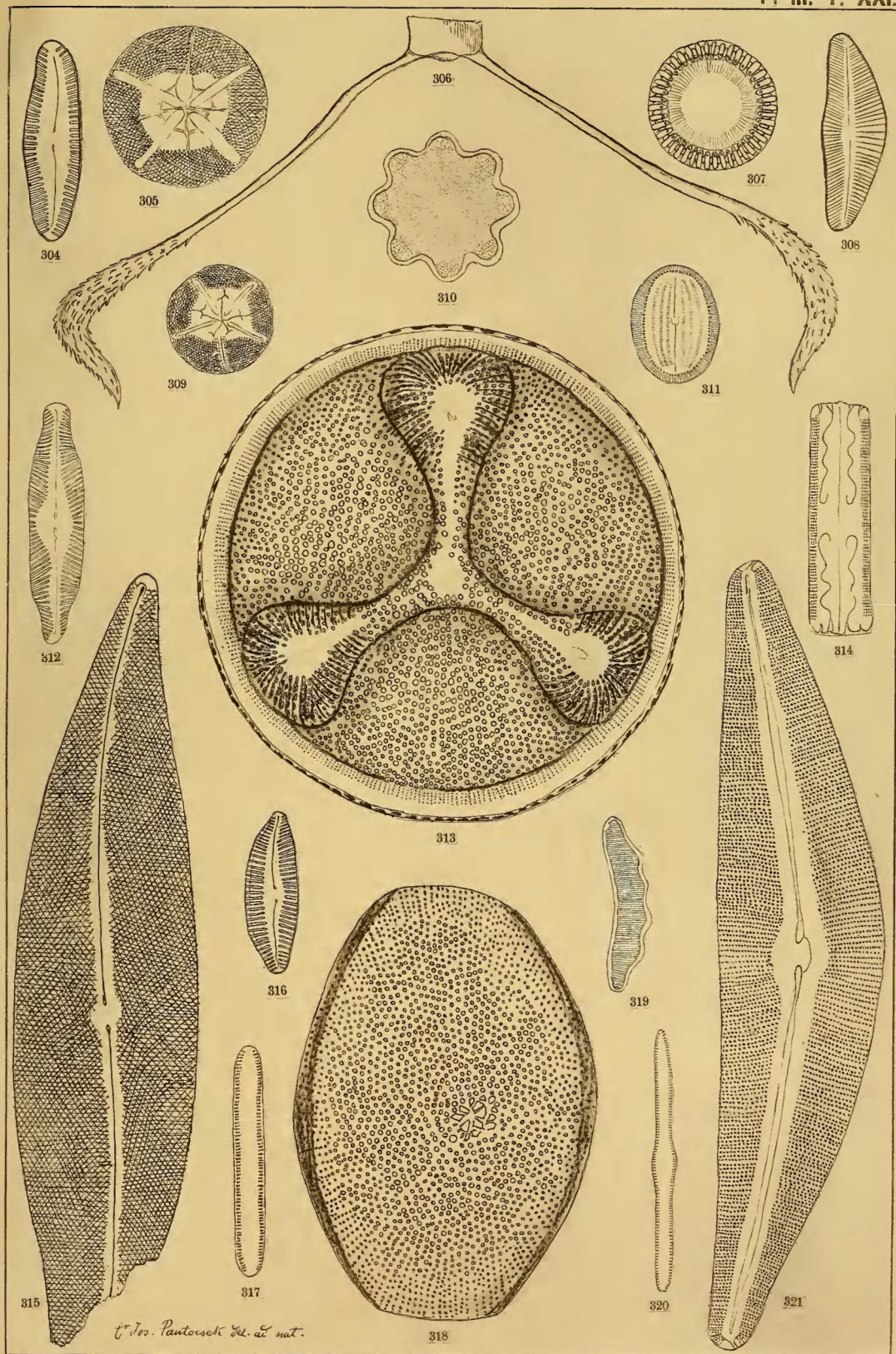
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| 288. <i>Triceratium notatum</i> n. s. | <i>Kusnetzki</i> ⁵⁰⁰ / ₁ |
| 289. <i>Chætoceros Pethœi</i> n. s. | <i>Káránd</i> |
| 290. <i>Triceratium delectabile</i> n. s. | <i>Kusnetzki</i> ⁵⁰⁰ / ₁ |
| 291. <i>Epithelion spinifer</i> n. s. | <i>Kusnetzki</i> ⁵⁰⁰ / ₁ |
| 292. <i>Melosira Kochii</i> n. s. | <i>Köpecz</i> ⁸³² / ₁ |
| 293. <i>Navicula Sieboldii</i> n. s. | <i>Abashiri</i> |
| 294, 296. <i>Gomphonema dubravicense</i> n. s. | <i>Dubravica</i> |
| 295. <i>Triceratium Jimboi</i> n. s. | <i>Wembets</i> |
| 297. <i>Cymbella plutonica</i> n. s. | <i>Bory</i> ⁸³² / ₁ |
| 298. <i>Navicula styriaca</i> Grun. | <i>Bory</i> |
| 299. <i>Steaurosira Venter</i> (E.) Grun. | <i>Bory</i> ⁸³² / ₁ |
| 300. <i>Triceratium Endlicherii</i> n. s. | <i>Kusnetzki</i> ⁵⁰⁰ / ₁ |
| 301. <i>Navicula protracta</i> Grun. form. minor | <i>Jastraba</i> |
| 302. <i>Navicula pachyptera</i> (E.) Kg. | <i>Dubravica</i> |
| 303. <i>Cymbella Clementis</i> n. s. | <i>Dubravica</i> |
| Vergrößerung ⁶⁰⁰ / ₁ | |



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v
Tafel ~~XXI~~.

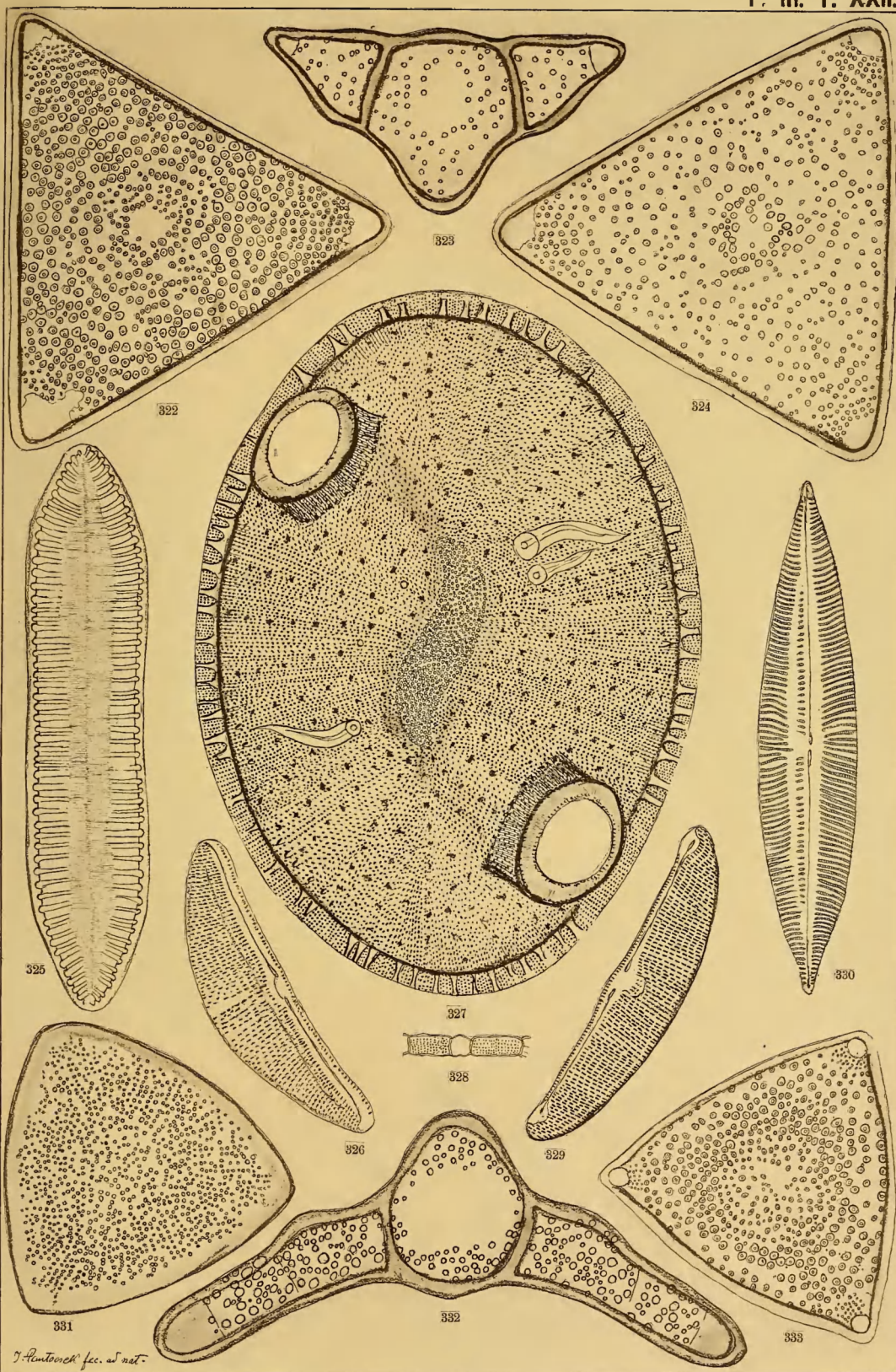
304, 316. <i>Cymbella pachyptera</i> n. s.	<i>Dubravica</i> ⁶⁰⁰ / ₁
305. <i>Asteromphalus Debyi</i> n. s.	<i>Káránd</i> ⁵⁰⁰ / ₁
306. <i>Chaetoceros biharensis</i> n. s.	<i>Káránd</i> ⁶⁰⁰ / ₁
307. <i>Paralia polycystinica</i> n. s.	<i>Kusnetzki</i> ⁵⁰⁰ / ₁
308. <i>Cymbella simplex</i> n. s.	<i>Dubravica</i> ⁶⁰⁰ / ₁
309. <i>Asteromphalus Brunii</i> n. s.	<i>Borostelek</i> ⁵⁰⁰ / ₁
310. <i>Terpsinoë polygibba</i> Pant.	<i>Izopallaga</i> ⁵⁰⁰ / ₁
311. <i>Coconeis lineata</i> E. var. <i>minor</i> n. v.	<i>Köpecz</i> ⁸³² / ₁
312. <i>Navicula mesolepta</i> (E.) Kg. var. <i>boryana</i> n. v.	<i>Bory</i> ⁶⁰⁰ / ₁
313. <i>Aulacodiscus Gurowii</i> n. s.	<i>Kusnetzki</i> ⁵⁰⁰ / ₁
314. <i>Grammatophora lyrata</i> Grun. var. <i>japonica</i> n. v.	<i>Wembets</i> ⁶⁰⁰ / ₁
315. <i>Pleurosigma neogradense</i> Pant.	<i>Felső-Esztergály</i> ¹⁰⁶⁶ / ₁
317. <i>Fragilaria transylvanica</i> n. s.	<i>Bodos</i> ⁵⁰⁰ / ₁
318. <i>Coccinodiscus Pethői</i> n. s.	<i>Káránd</i> ⁸³² / ₁
319. <i>Eunotia Ehrenbergii</i> Grun. var. <i>quaternaria</i> Grun.	<i>Dubravica</i> ⁶⁰⁰ / ₁
320. <i>Synedra dubravicensis</i> n. s.	<i>Dubravica</i> ⁶⁰⁰ / ₁
321. <i>Cymbella gigantea</i> n. s.	<i>Bodos</i> ⁵⁰⁰ / ₁



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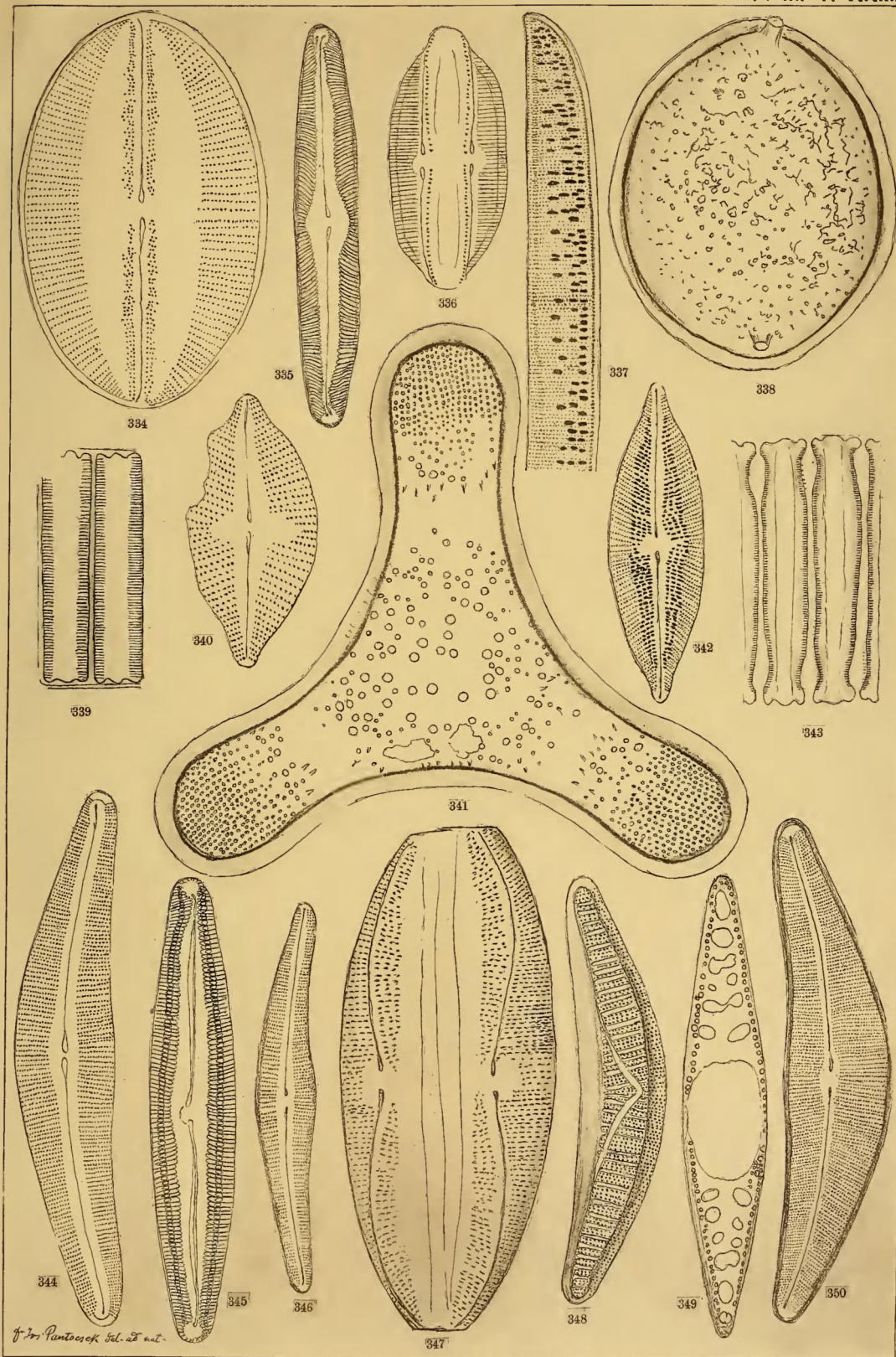
Tafel XXII.

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|---|--|
| 322. <i>Triceratium tectum</i> n. s. | <i>Kusnetzki</i> |
| 323. <i>Eunotogramma Weissei</i> E. | <i>Kusnetzki</i> ⁴⁵² / ₁ |
| 324. <i>Triceratium stigmaticum</i> n. s. | <i>Kusnetzki</i> |
| 325. <i>Surirella salsa</i> W. Sm. var. <i>hungarica</i> n. v. | <i>Dubravica</i> ⁶⁰⁰ / ₁ |
| 326. <i>Amphora vittata</i> Pant. | <i>Bory</i> ⁶⁰⁰ / ₁ |
| 327. <i>Cerataulus Weissflogii</i> n. s. | <i>Szakal</i> ⁶⁰⁰ / ₁ |
| 328. <i>Melosira crenulatata</i> Kg. var. <i>debilis</i> n. v. | <i>Dubravica</i> ⁶⁰⁰ / ₁ |
| 329. <i>Amphora Argus</i> n. s. | <i>Köpecz</i> |
| 330. <i>Navicula</i> (<i>Alloeoneis</i>) <i>Flattii</i> n. s. | <i>Izsopallaga-Serges</i> |
| 331. <i>Triceratium Sokolowii</i> n. s. | <i>Kusnetzki</i> |
| 332. <i>Eunotogramma Weissei</i> E var. <i>producta</i> Gr. St | <i>Kusnetzki</i> ⁴⁵² / ₁ |
| 333. <i>Triceratium jucundum</i> n. s. | <i>Kusnetzki</i> |
| Vergrösserung ⁵⁰⁰ / ₁ | |



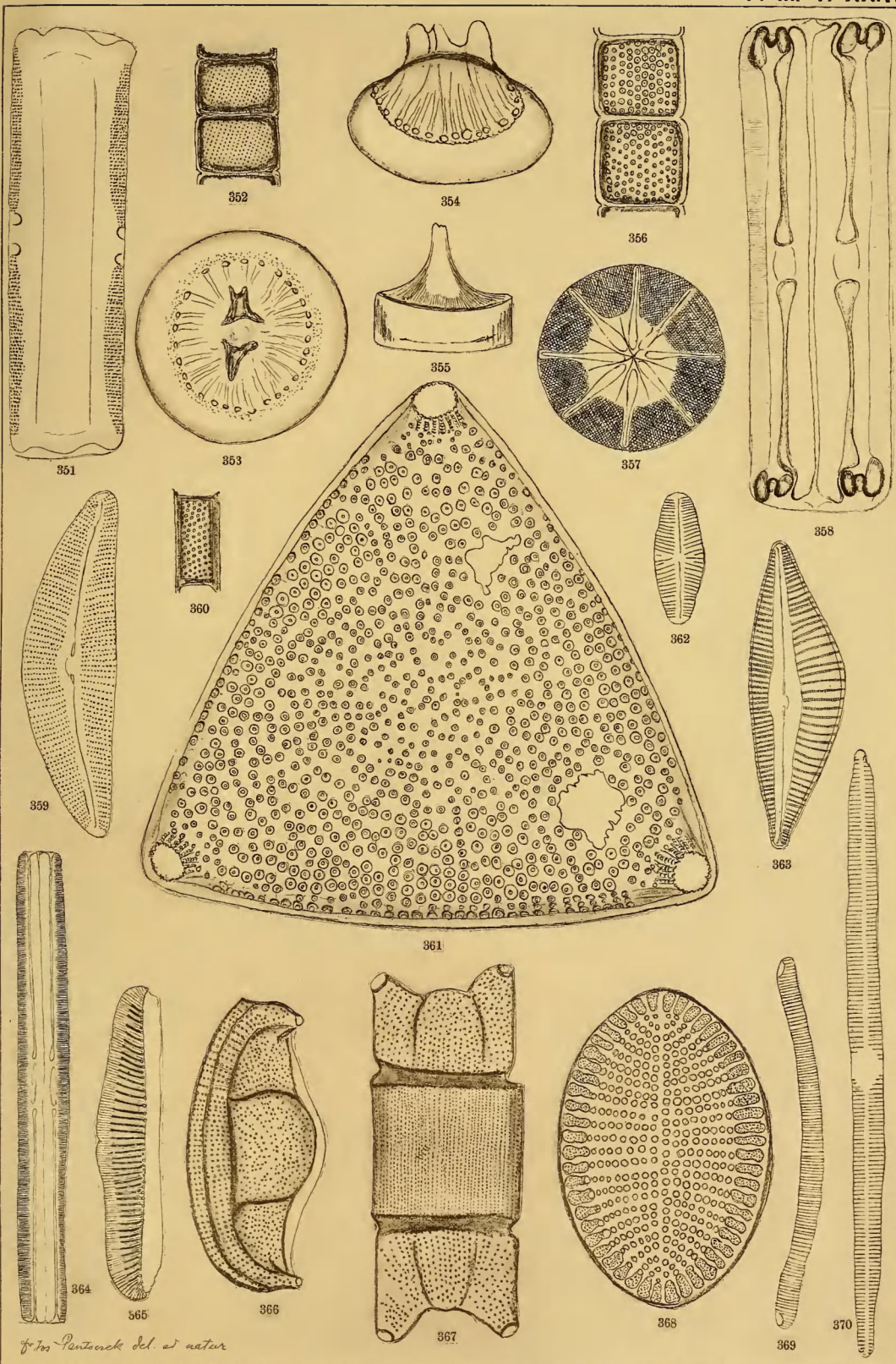
Tafel ~~XXIII~~.

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| 334. <i>Navicula Mikado</i> n. s. | <i>Wembets</i> 600/1 |
| 335. <i>Navicula scythica</i> n. s. | <i>Dubravica</i> 600/1 |
| 336. <i>Amphora Budayana</i> n. s. | <i>Köpecz</i> 832/1 |
| 337. <i>Nitzschia pulcherrima</i> Grun. var. <i>interrupta</i> n. v. | <i>Szakal</i> 832/1 |
| 338. <i>Biddulphia Tschestnovii</i> n. s. | <i>Kusnetzki</i> 500/1 |
| 339. <i>Fragilaria Peragalloi</i> n. s. | <i>Deménd</i> 832/1 |
| 340. <i>Navicula mocsarensis</i> n. s. | <i>Mocsár</i> 832/1 |
| 341. <i>Triceratium vates</i> n. s. | <i>Kusnetzki</i> 500/1 |
| 342. <i>Navicula arata</i> Grun. | <i>Dubravica</i> 600/1 |
| 343. <i>Dimeregramma boryanum</i> Pant. | <i>Bory</i> 832/1 |
| 344. <i>Cymbella lanceolata</i> E. var. <i>fossilis</i> Pant. | <i>Bory</i> 600/1 |
| 345. <i>Navicula transylvanica</i> n. s. var. <i>producta</i> n. v. | <i>Bodos</i> 500/1 |
| 346. <i>Cymbella cymbiformis</i> E. var. <i>producta</i> n. v. | <i>Dubravica</i> 600/1 |
| 347. <i>Amphora Lima</i> Pant. | <i>Bory</i> 832/1 |
| 348. <i>Epithemia Ehrenbergii</i> n. s. | <i>Köpecz</i> 600/1 |
| 349. <i>Craticula hungarica</i> n. s. | <i>Szent-Péter</i> 600/1 |
| 350. <i>Cymbella lanceolata</i> E. var. <i>robusta</i> n. s. | <i>Köpecz</i> 452/1 |



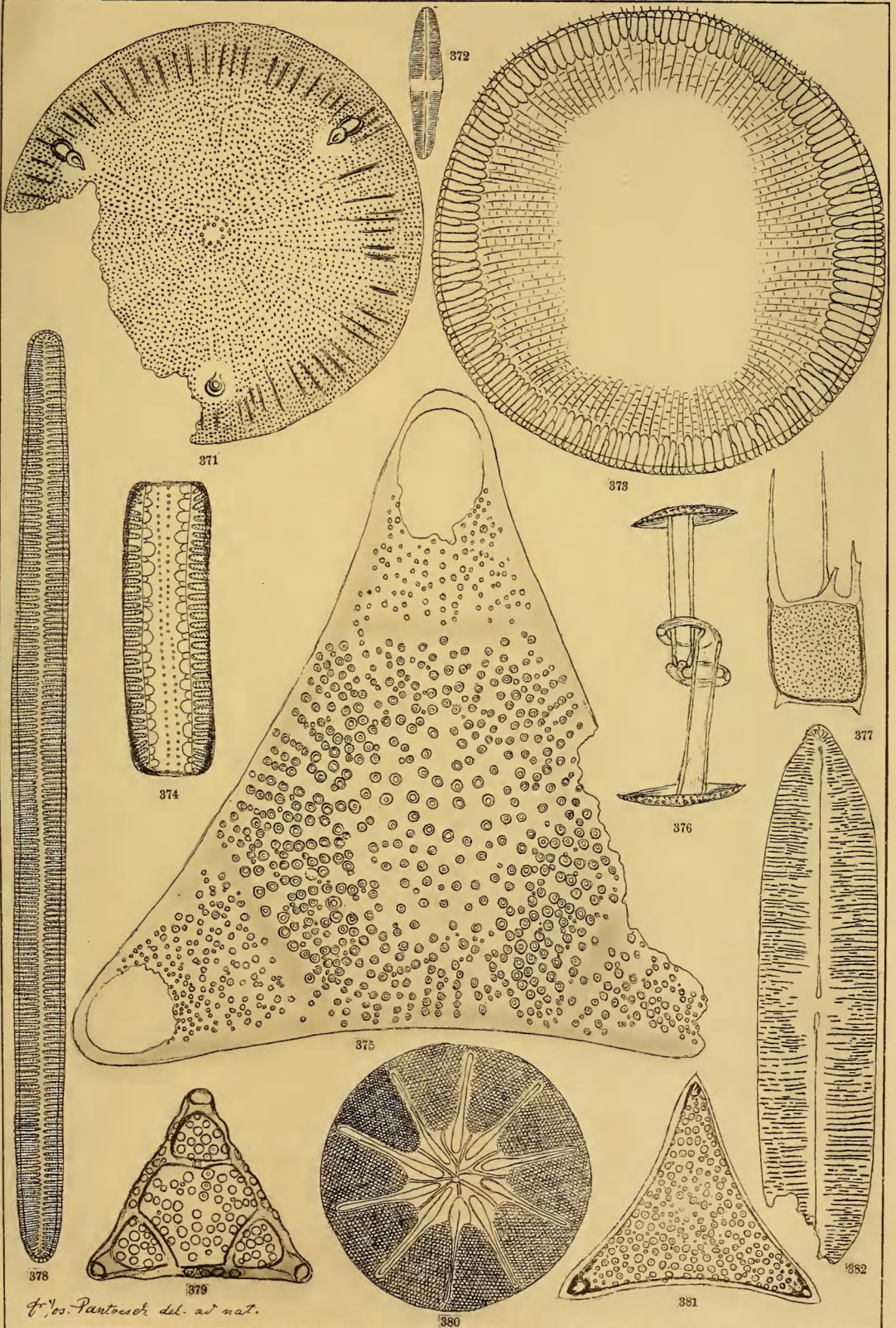
Tafel XXIV.

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|--|---|
| 351. Plagiogramma Truanii Pant. | <i>Bory</i> ⁸³² / ₁ |
| 352. Melosira crenulata (E.) Ralfs var. <i>ambigua</i> Grun. | <i>Deménil</i> ⁸³² / ₁ |
| 353, 354. Ktenodiscus russicus n. s. | <i>Kusnetzki</i> ⁵⁰⁰ / ₁ |
| 355. Gyrodiscus Vortex N. O. Witt. | <i>Kusnetzki</i> ⁵⁰⁰ / ₁ |
| 356. Melosira Temperei n. s. | <i>Köpecz</i> ⁸³² / ₁ |
| 357. Asteromphalus Kinkerii n. s. | <i>Káránd</i> ⁵⁰⁰ / ₁ |
| 358. Grammatophora japonica n. s. | <i>Wembets</i> ⁶⁰⁰ / ₁ |
| 359. Cymbella vegeta n. s. | <i>Dubravica</i> ⁶⁰⁰ / ₁ |
| 360. Melosira crenulata (E.) Ralfs var. <i>mocsarensis</i> n. v. | <i>Mocsár</i> ⁸³² / ₁ |
| 361. Triceratium Gurowii n. s. | <i>Kusnetzki</i> ⁵⁰⁰ / ₁ |
| 362. Navicula pressa n. s. | <i>Bodos</i> ⁵⁰⁰ / ₁ |
| 363. Cymbella Budayana n. s. var. <i>gracilior</i> n. v. | <i>Köpecz</i> ⁶⁰⁰ / ₁ |
| 364. Grammatophora biharensis n. s. | <i>Izsópallaga-Serges</i> ⁵⁰⁰ / ₁ |
| 365. Epithemia Budayana n. s. | <i>Köpecz</i> ⁸³² / ₁ |
| 366. Biddulphia Gurowii n. s. | <i>Kusnetzki</i> ⁵⁰⁰ / ₁ |
| 367. Odontella boryana Pant. | <i>Bory</i> ⁶⁰⁰ / ₁ |
| 368. Cocconeis Haradae n. s. | <i>Wembets</i> ⁶⁰⁰ / ₁ |
| 369. Eunotia gracilis (E.) Rab. var. <i>fossilis</i> n. s. | <i>Dubravica</i> ⁶⁰⁰ / ₁ |
| 370. Synedra Ulna (Nitzsch) E. var. <i>fossilis</i> n. v. | <i>Dubravica</i> ⁶⁰⁰ / ₁ |



Tafel XXV.

371. Aulacodiscus Peragalloi n. s.	<i>Kusnetzk</i> 500/1
372. Navicula neogena n. s.	<i>Dubravica</i> 600/1
373. Campylodiscus Szontághii n. s.	<i>Izso pallaga-Serges</i> 500/1
374. Allœoneis Castracanei Pant. latus conect.	<i>Káránd</i> 882/1
375. Triceratium illustrum n. s.	<i>Kusnetzk</i> 452/1
376. Syndetoneis russica n. s.	<i>Kusnetzk</i> 600/1
377. Zygoderos antiquus n. s.	<i>Kusnetzk</i> 600/1
378. Synedra Van Heurekii Brun.	<i>Wembets</i> 360/1
379. Triceratium Brandtii n. s.	<i>Kusnetzk</i> 600/1
380. Asteromphalus Grovei n. s.	<i>Borostelek</i> 500/1
381. Trinacria sparsa n. s.	<i>Kusnetzk</i> 600/1
382. Navicula primordialis n. s.	<i>Kusnetzk</i> 600/1

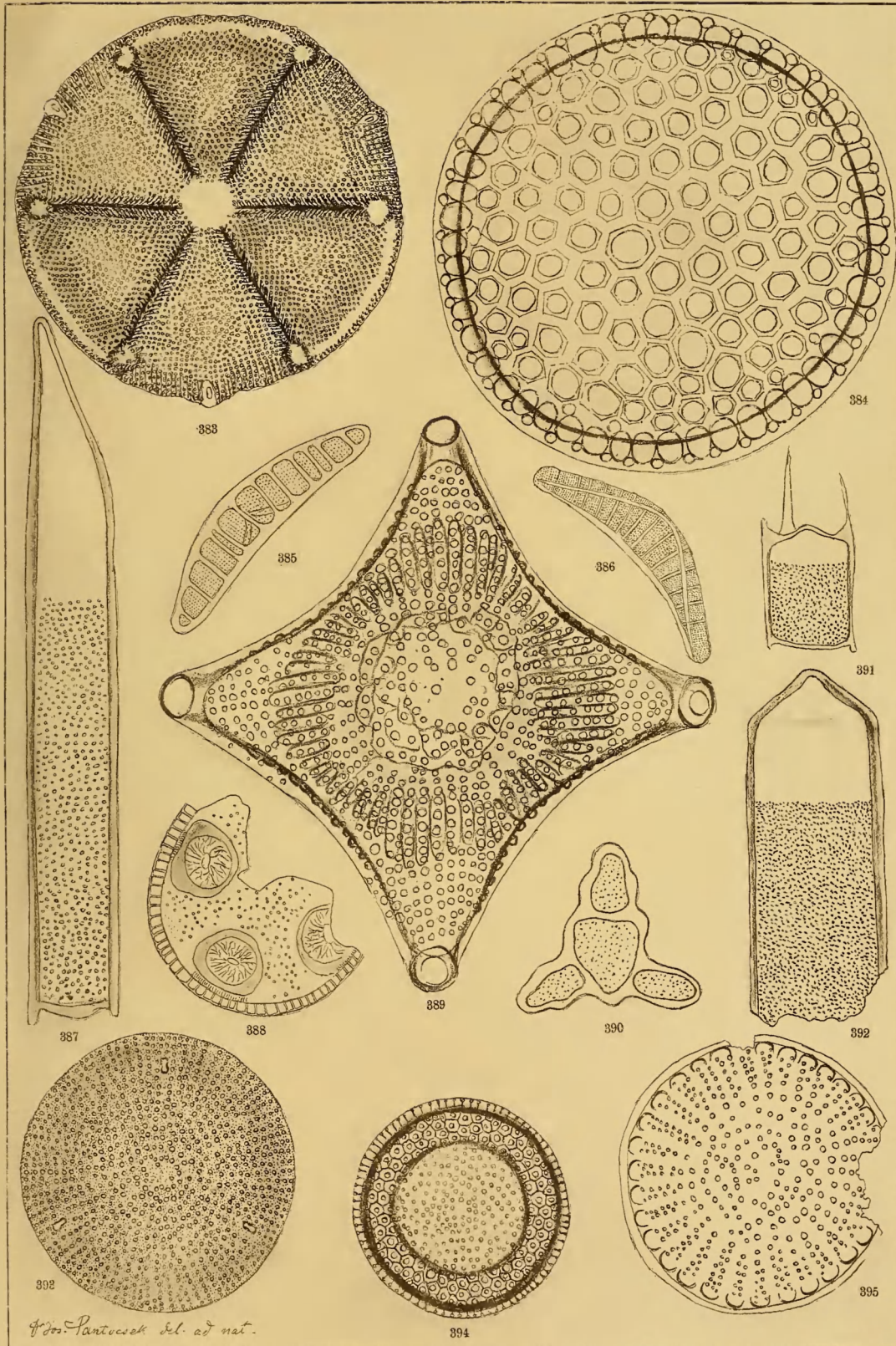


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Tafel XXVI.

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| 383. <i>Actinoptychus Kusnetzianus</i> n. s. | <i>Kusnetz</i> ⁶⁰⁰ / ₁ |
| 384. <i>Stephanopyxis maxima</i> n. s. | <i>Kusnetz</i> ⁶⁰⁰ / ₁ |
| 385. <i>Epithemia zebrina</i> (E.) Grun | <i>Magyar-Hermány</i> ⁸³² / ₁ |
| 386. <i>Epithemia cistula</i> (E.) Grun. var. <i>lunaris</i> Grun. | <i>Dubravica</i> |
| 387. <i>Pyxilla Lunyacsekii</i> n. s. | <i>Nagy-Kürtös</i> |
| 388. <i>Pseudoauliscus Brunii</i> Pant. | <i>Ananino</i> |
| 389. <i>Triceratium Pethői</i> Pant. | <i>Nagy-Kürtös</i> |
| 390. <i>Terpsinoë triquetra</i> n. s. | <i>Izsopallaga</i> ⁶⁰⁰ / ₁ |
| 391. <i>Zygoceros antiquus</i> n. s. var. <i>interrupta</i> | <i>Kusnetz</i> |
| 392. <i>Pyxilla hungarica</i> n. s. | <i>Nagy-Kürtös</i> |
| 393. <i>Aulacodiscus nigrescens</i> n. s. | <i>Kusnetz</i> ⁶⁰⁰ / ₁ |
| 394. <i>Craspedodiscus Weissflogii</i> n. s. | <i>Szakai</i> |
| 395. <i>Stictodiscus Kossuthii</i> n. s. | <i>Kusnetz</i> |

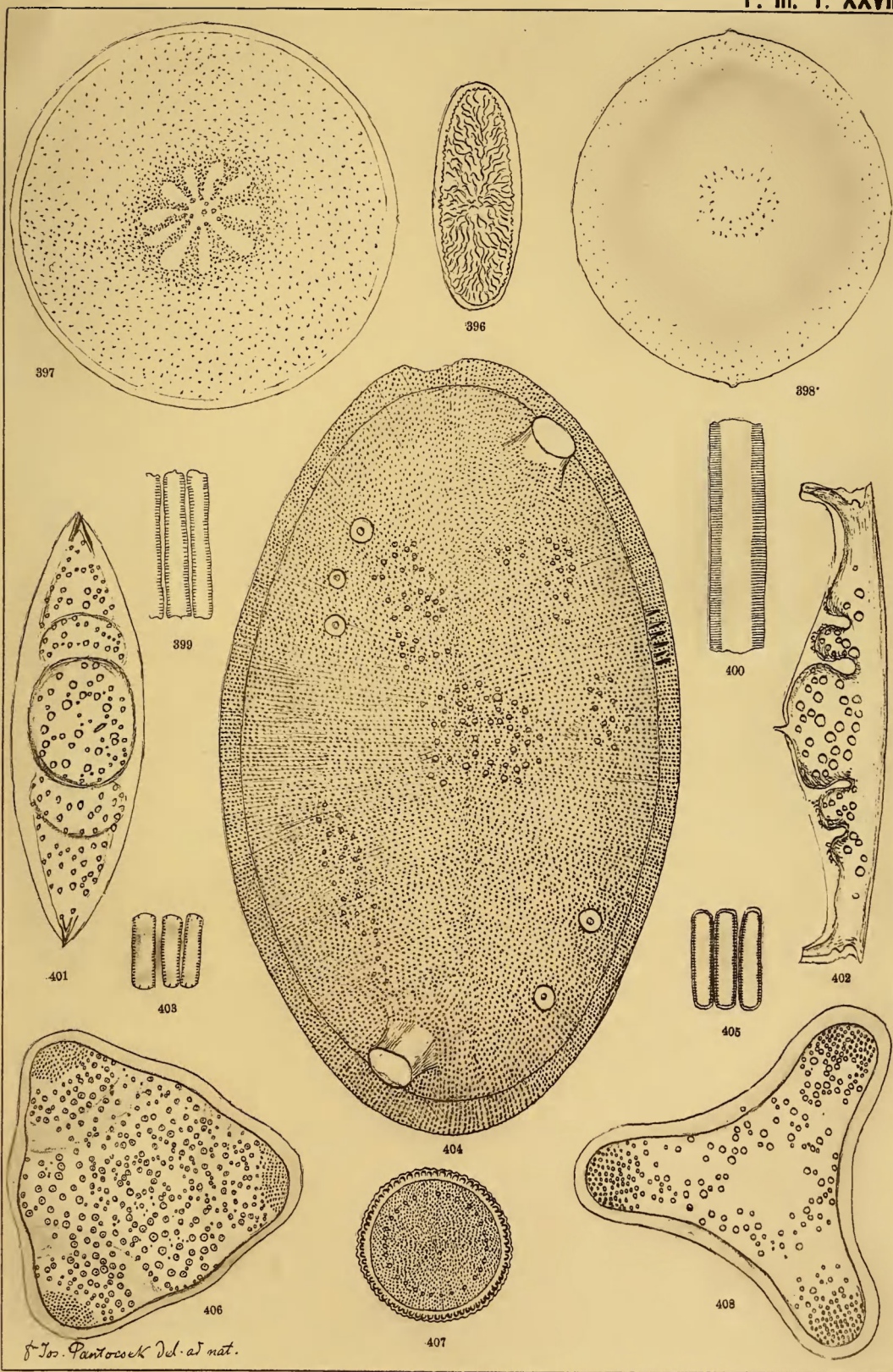
Vergrößerung ⁶⁰⁰/₁



Prof. Pantocsek del. ad nat.

Tafel ~~XXX~~^VVII.

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| 396. <i>Epithelion hungaricum</i> n. s. | <i>Nagy-Kürtös</i> ⁶⁰⁰ / ₁ |
| 397. <i>Ethmodiscus stellifer</i> n. s. | <i>Kusnetzk</i> ⁶⁰⁰ / ₁ |
| 398. <i>Cheloniodiscus ananinensis</i> Pant. Valva inferior | <i>Ananino</i> ⁶⁰⁰ / ₁ |
| 399. <i>Fragilaria sepulta</i> n. s. | <i>Bodos</i> ⁶⁰⁰ / ₁ |
| 400. <i>Fragilaria transylvanica</i> n. s. | <i>Bodos</i> ⁶⁰⁰ / ₁ |
| 401, 402. <i>Hemiaulus Weissflogii</i> n. s. | <i>Kusnetzk</i> ⁶⁰⁰ / ₁ |
| 403. <i>Staurosira Venter</i> (E) Grun. | <i>Bory</i> ⁸³² / ₁ |
| 404. <i>Cerataulus turgidus</i> E. var. <i>hispidissimus</i> Pant. | <i>Bory</i> ⁶⁰⁰ / ₁ |
| 405. <i>Staurosira vasta</i> n. s. | <i>Magyar-Hermány</i> ⁸³² / ₁ |
| 406. <i>Triceratium fasciatum</i> Pant. | <i>Kusnetzk</i> ⁶⁰⁰ / ₁ |
| 407. <i>Paralia Pethői</i> n. s. | <i>Káránd</i> ⁶⁰⁰ / ₁ |
| 408. <i>Triceratium hilaratum</i> n. s. | <i>Kusnetzk</i> ⁶⁰⁰ / ₁ |



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Tafel XXVIII.

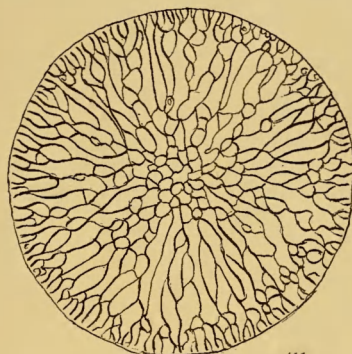
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| 409. <i>Campylodiscus Jimboi</i> n. s. | <i>Teshiogori</i> |
| 410. <i>Coscinodiscus brighthwellioides</i> n. s. | <i>Káránd</i> |
| 411. <i>Coscinodiscus anastomosans</i> n. s. | <i>Káránd</i> |
| 412. <i>Rhabdonema diminutum</i> n. s. | <i>Serges-Izsopallaga</i> 500/1 |
| 413. <i>Melosira spinosa</i> n. s. | <i>Káránd</i> |
| 414. <i>Melosira granulata</i> (E.) Ralfs var. <i>attenuata</i> n. v. | <i>Hidas</i> 852/1 |
| 415. <i>Aulacodiscus szakalensis</i> n. s. | <i>Szakal</i> |
| 416. <i>Amphora suavis</i> n. s. | <i>Bodos</i> 500/1 |
| 417. <i>Trinacria simulacroides</i> n. s. | <i>Kusnetzk</i> |
| 418. <i>Triceratium proprium</i> n. s. | <i>Kusnetzk</i> 500/1 |
| 419. <i>Trinacria russica</i> n. s. | <i>Kusnetzk</i> 500/1 |
- Vergrößerung 600/1



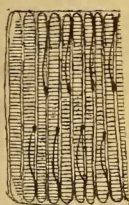
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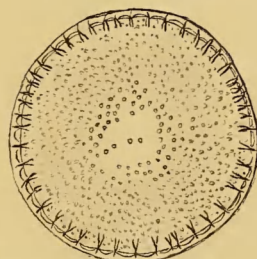
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411



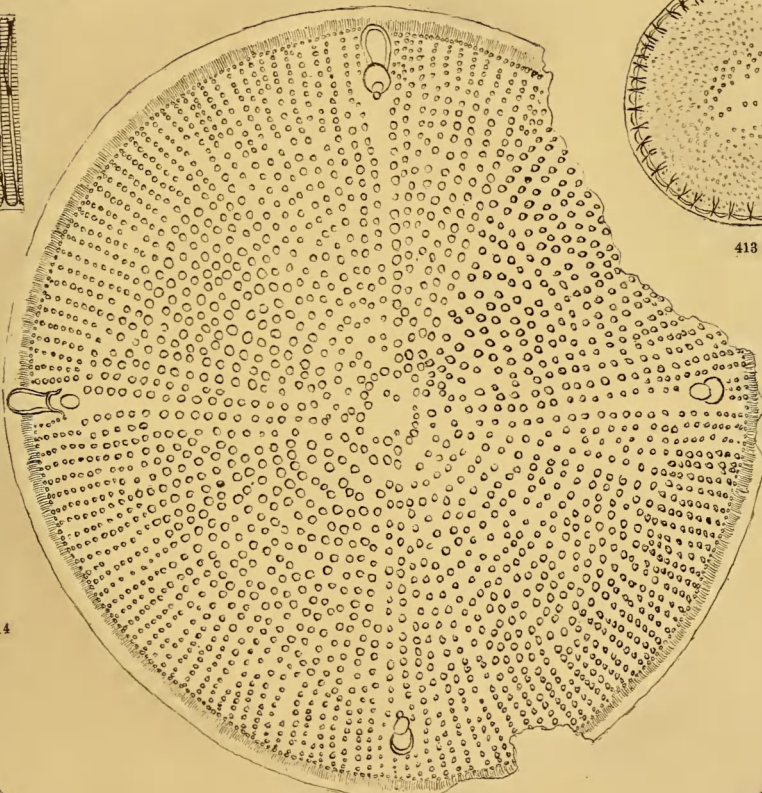
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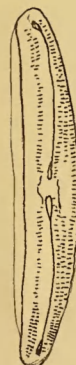
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414



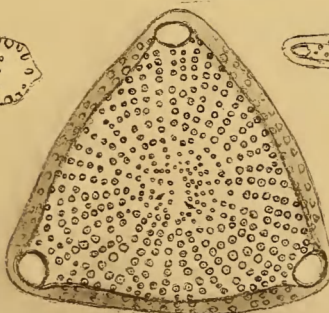
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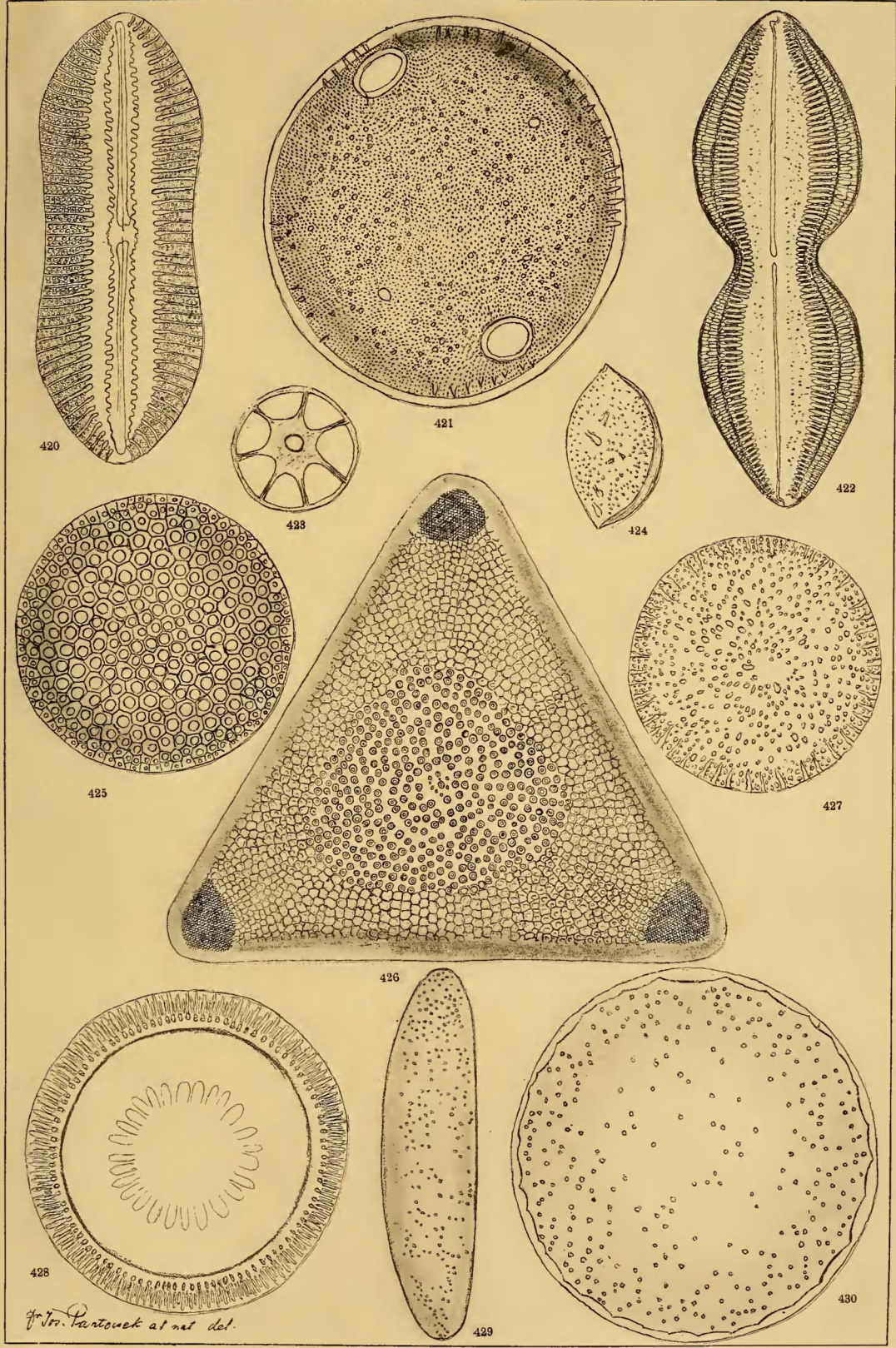


419

Tafel ~~XXIX~~.

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|--|--|
| 420. <i>Navicula pseudogemmata</i> n. s. | <i>Nagy-Kürtös</i> ⁴⁶² / ₁ |
| 421. <i>Cerataulus boryanus</i> Pant. | <i>Bory</i> |
| 422. <i>Navicula Venus</i> n. s. | <i>Nagy-Kürtös</i> |
| 423. <i>Pyxilla carinifera</i> Grun. var. <i>russica</i> n. v. | <i>Kusnetz</i> |
| 424. <i>Epithelion russicum</i> n. s. | <i>Kusnetz</i> ⁵⁰⁰ / ₁ |
| 425. <i>Coscinodiscus kusnetzianus</i> n. s. | <i>Kusnetz</i> ⁵⁰⁰ / ₁ |
| 426. <i>Triceratium pseudoarcticum</i> n. s. | <i>Nagy-Kürtös</i> ⁵⁰⁰ / ₁ |
| 427. <i>Stictodiscus tuberculatus</i> n. s. | <i>Kusnetz</i> |
| 428. <i>Paralia hokkaideana</i> n. s. | <i>Wembets</i> |
| 429. <i>Euodia hungarica</i> n. s. | <i>Nagy-Kürtös</i> |
| 430. <i>Ethmodiscus carinatus</i> n. s. | <i>Kusnetz</i> |

Vergrößerung ⁶⁰⁰/₁

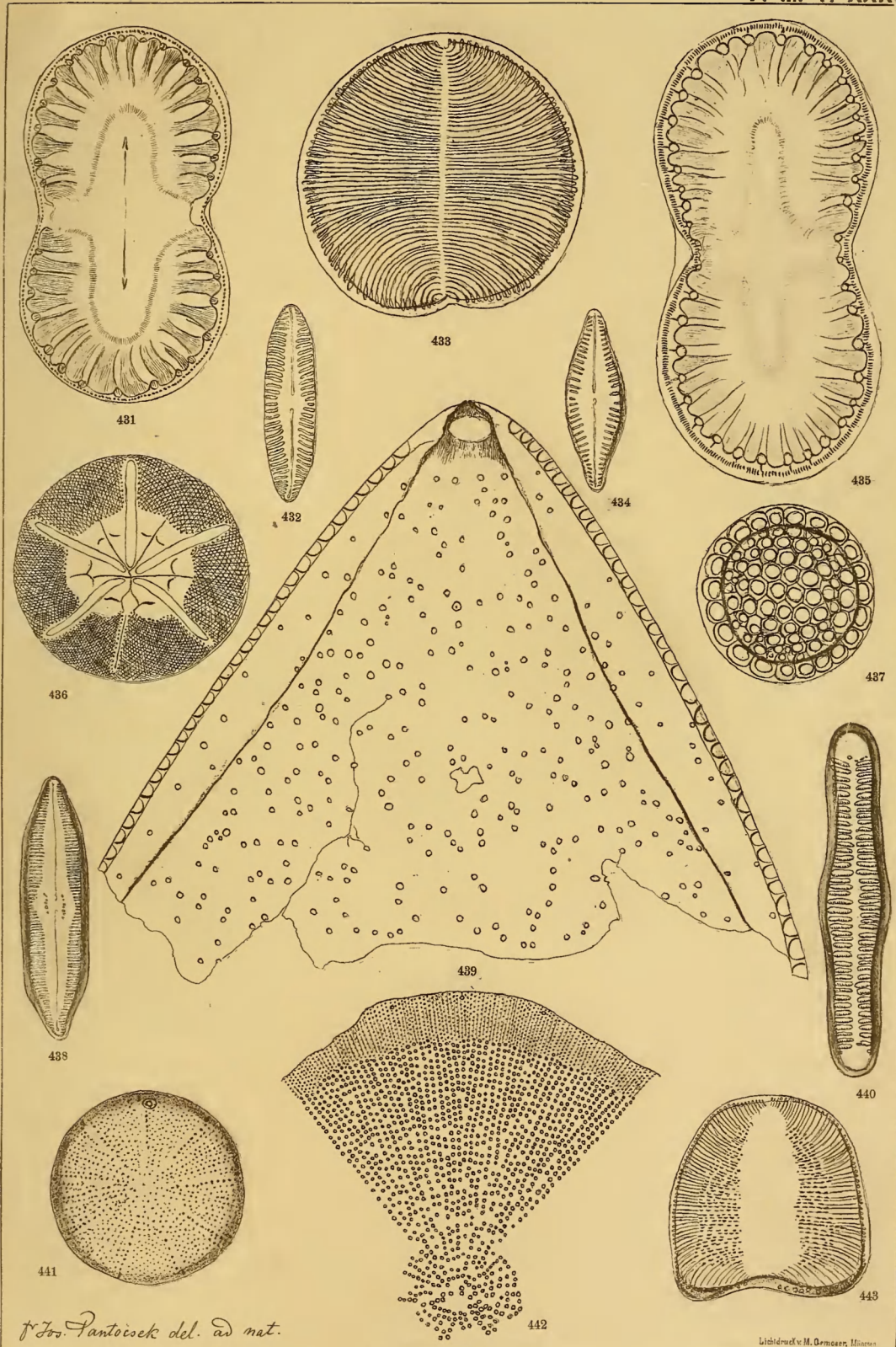


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Tafel XXX.

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| 431. <i>Surirella Vaszaryi</i> n. s. | <i>Bory</i> |
| 432. <i>Navicula phalangium</i> n. s. | <i>Kavna-Bremia</i> |
| 433. <i>Campylodiscus Kützingii</i> Bail. | <i>Káránd</i> |
| 434. <i>Navicula aradina</i> n. s. | <i>Kavna-Bremia</i> |
| 435. <i>Surirella baldjickii</i> Norm. | <i>Nyermegy</i> |
| 436. <i>Asteromphalus hungaricus</i> Pant. | <i>Nyermegy</i> |
| 437. <i>Stephanopyxis vasta</i> n. s. | <i>Kusnetz</i> |
| 438. <i>Navicula pavid</i> a n. s. | <i>Kavna-Bremia</i> |
| 439. <i>Trinacria vetustissima</i> n. s. | <i>Kusnetz</i> ⁶⁰⁰ / ₁ |
| 440. <i>Rhabdonema japonicum</i> Tp. Br. | <i>Teshiogori</i> |
| 441. <i>Actinocyclus boryanus</i> Pant. | <i>Bory</i> ⁸³² / ₁ |
| 442. <i>Actinocyclus Lóczyi</i> n. s. | <i>Kavna-Bremia</i> ⁸³² / ₁ |
| 443. <i>Campylodiscus Brassayi</i> n. s. | <i>Bory</i> |

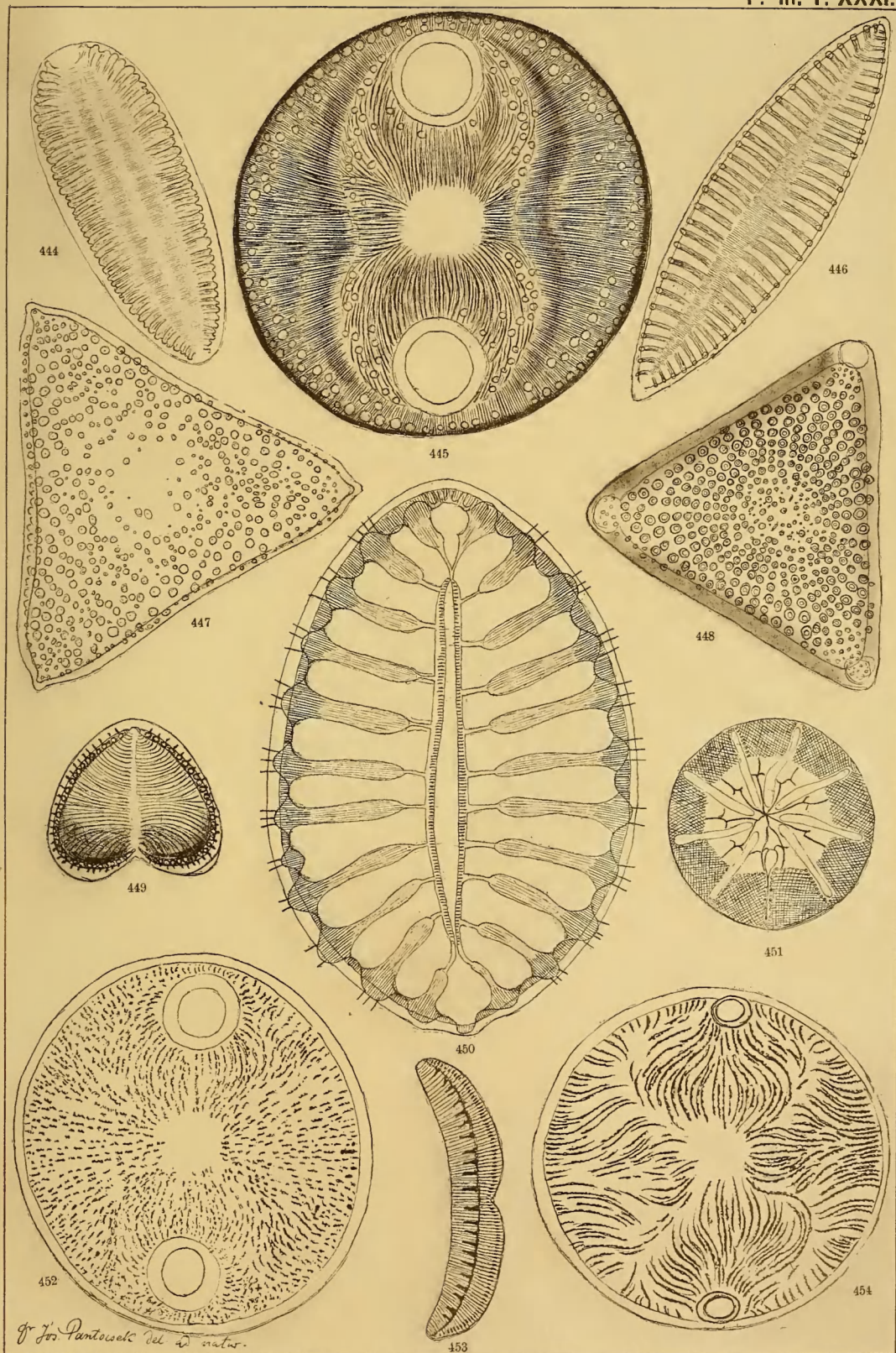
Vergrößerung ⁵⁰⁰/₁



J. F. Pantoisek del. ad nat.

Tafel XXXI.

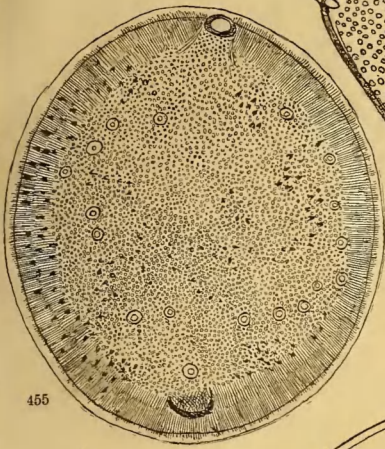
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| 444. <i>Surirella Kinkerti</i> n. s. | <i>Nyermegy</i> ⁵⁰⁰ / ₁ |
| 445. <i>Auliscus Stœckhartii</i> Jan. var. <i>flavescens</i> n. s. | <i>Sendaï</i> ⁶⁰⁰ / ₁ |
| 446. <i>Surirella lanceolato-cuspidata</i> n. s. | <i>Bodos</i> ⁵⁰⁰ / ₁ |
| 447. <i>Trinacria præcellens</i> n. s. | <i>Kusnetzki</i> ⁵⁰⁰ / ₁ |
| 448. <i>Triceratium cucullatum</i> Pant. var. <i>validior</i> | <i>Kusnetzki</i> ⁶⁰⁰ / ₁ |
| 449. <i>Campylodiscus Grunowii</i> n. s. | <i>Kavna-Bremia</i> ⁵⁰⁰ / ₁ |
| 450. <i>Surirella fastuosa</i> E. var. <i>fossilis</i> Pant. | <i>Bory</i> ⁸³² / ₁ |
| 451. <i>Asteromphalus hungaricus</i> Pant. | <i>Kavna-Bremia</i> ⁵⁰⁰ / ₁ |
| 452. <i>Auliscus Haradaë</i> n. s. | <i>Sendaï</i> ⁶⁰⁰ / ₁ |
| 453. <i>Auricula Grunowii</i> n. s. | <i>Nyermegy</i> ⁶⁰⁰ / ₁ |
| 454. <i>Auliscus Jimboi</i> n. s. | <i>Sendaï</i> ⁶⁰⁰ / ₁ |



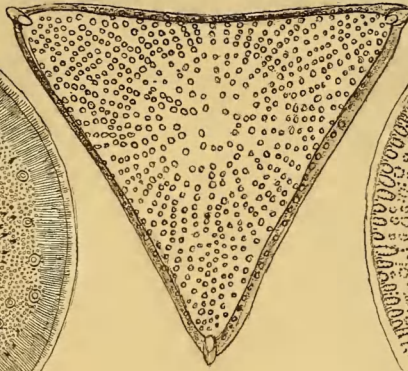
Dr. J. Pantowicki del. et sculp.

Tafel XXXII.

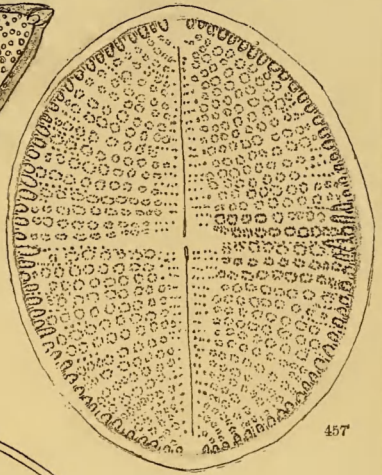
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|--|---|
| 455. <i>Cerataulus Peragalloi</i> n. s. | <i>Karna-Bremia</i> ⁵⁰⁰ / ₁ |
| 456. <i>Trinacria antiqua</i> n. s. | <i>Kusnetzki</i> ⁵⁰⁰ / ₁ |
| 457. <i>Cocconeis formosa</i> Br. | <i>Wembets</i> |
| 458. <i>Pyxilla directa</i> n. s. | <i>Nagy-Kürtös</i> |
| 459. <i>Haynaldella antiqua</i> n. g. et spec. | <i>Bory</i> |
| 460. <i>Hemiaulus Grunowii</i> n. s. | <i>Kusnetzki</i> |
| 461. <i>Navicula latissima</i> Grg. var. <i>capitata</i> Pant. | <i>Bory</i> |
| 462. <i>Navicula turgidula</i> n. s. | <i>Bory</i> |
| 463. <i>Cerataulus boryanus</i> Pant. | <i>Bory</i> |
| 464. <i>Navicula seriosa</i> n. s. | <i>Bory</i> |
| 465. <i>Cocconeis pellucida</i> Grun. var. <i>fossilis</i> n. v. | <i>Nagy-Kürtös</i> ⁴⁵² / ₁ |
| Vergrößerung ⁶⁰⁰ / ₁ | |



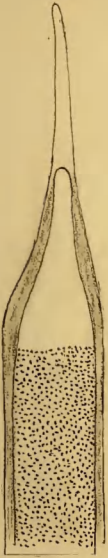
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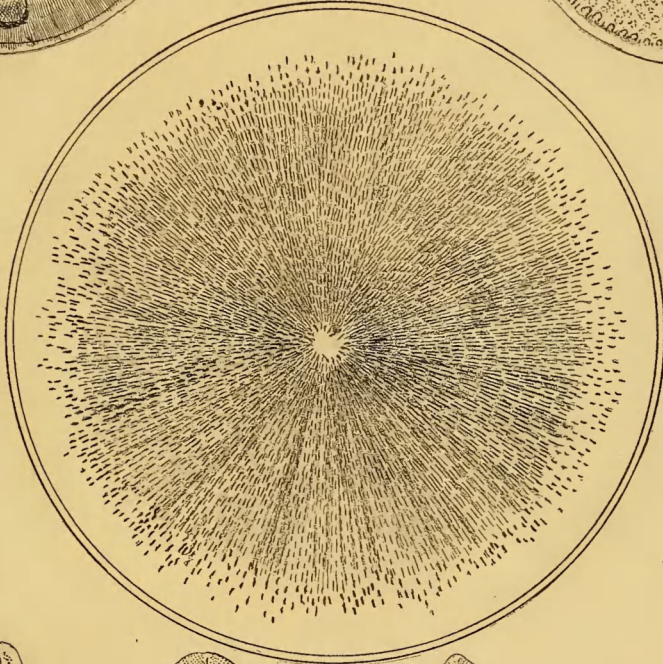
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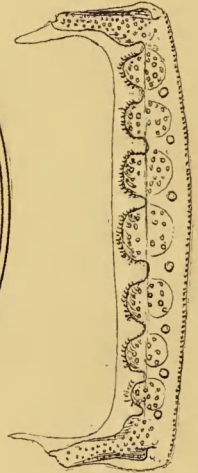
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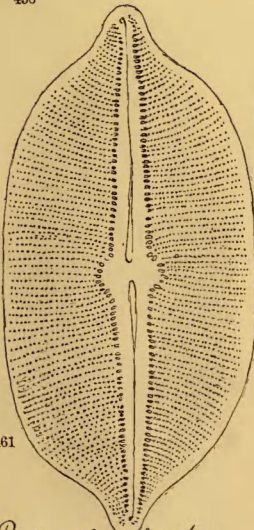
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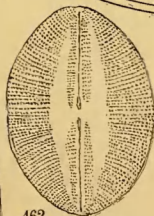
459



460



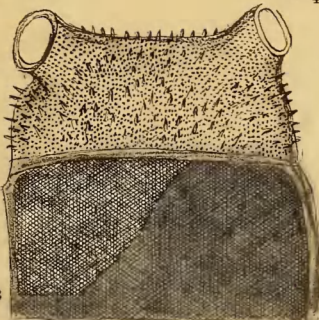
461



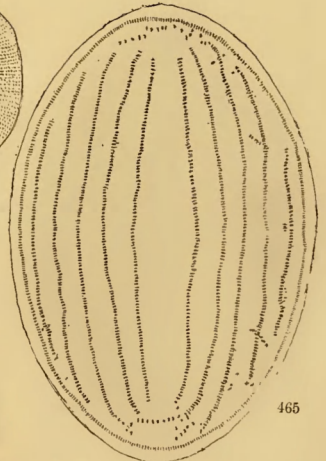
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464



463

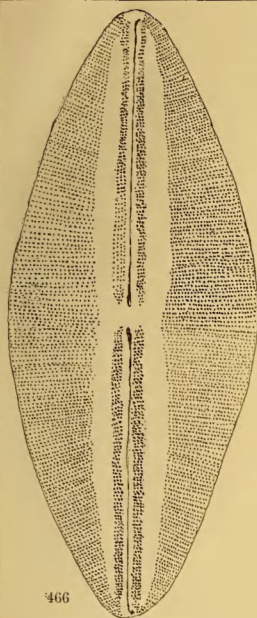


465

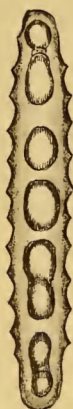
Dr J. Pantocsek del. ad natur.

Tafel XXXVIII.

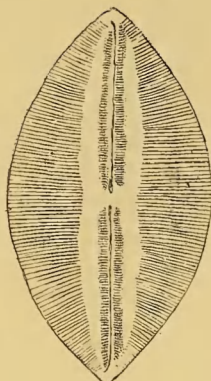
466. <i>Navicula Lyra</i> E. var. <i>producta</i> Pant.	<i>Nagy-Kürtös</i> ⁴⁵² / ₁
467. <i>Rhabdonema musica</i> Br.	<i>Abashiri</i>
468 <i>Navicula Lyra</i> E. var. <i>acuta</i> Pant.	<i>Nagy-Kürtös</i> ⁴⁵² / ₁
469, 470. <i>Rhabdonema Mikado</i> n. s.	<i>Thesiogori</i>
471. <i>Coscinodiscus Peragalloi</i> n. s.	<i>Thesiogori</i> ⁶⁰⁰ / ₁
472 <i>Rutilaria capitata</i> Tp. Br.	<i>Thesiogori</i>
473. <i>Navicula Reusil</i> n. s.	<i>Thesiogori</i> ⁶⁰⁰ / ₁
474. <i>Rutilaria Kernerii</i> n. s.	<i>Thesiogori</i>
475. <i>Paralya Debyi</i> n. s.	<i>Bory</i>
476. <i>Triceratium boryanum</i> Pant.	<i>Bory</i> ⁶⁰⁰ / ₁
477. <i>Podosira constricta</i> n. s.	<i>Bory</i>
478. <i>Rutilaria longicornis</i> Tp. Br.	<i>Thesiogori</i>
Vergrößerung ⁵⁰⁶ / ₁	



466



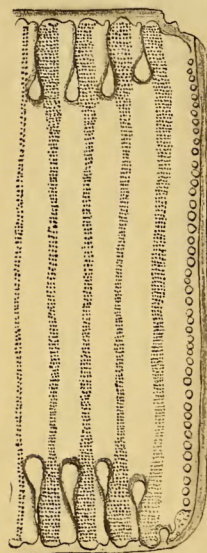
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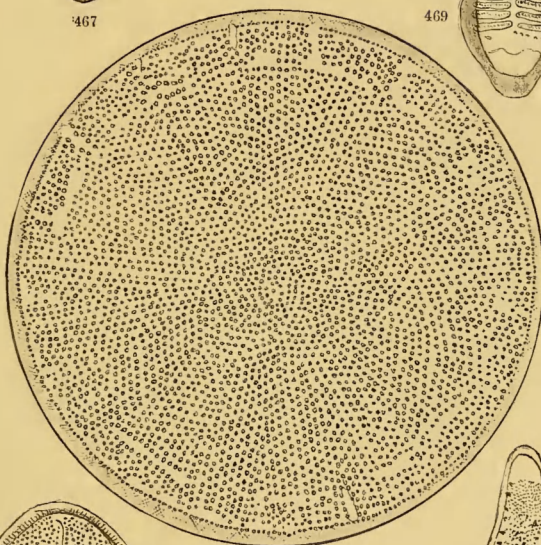
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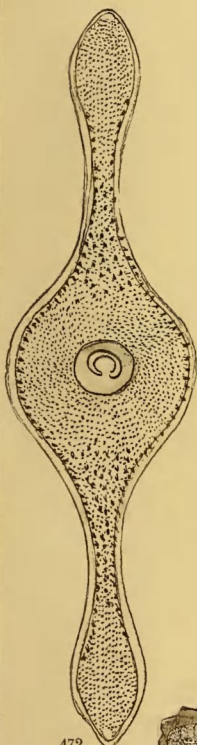
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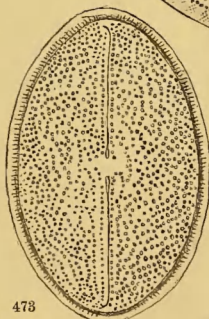
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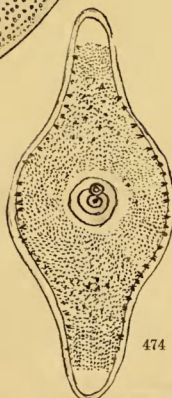
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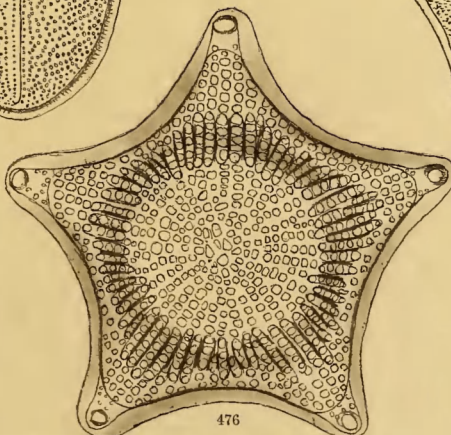
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474



475



476



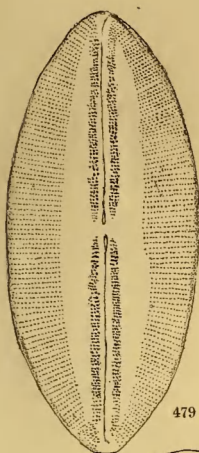
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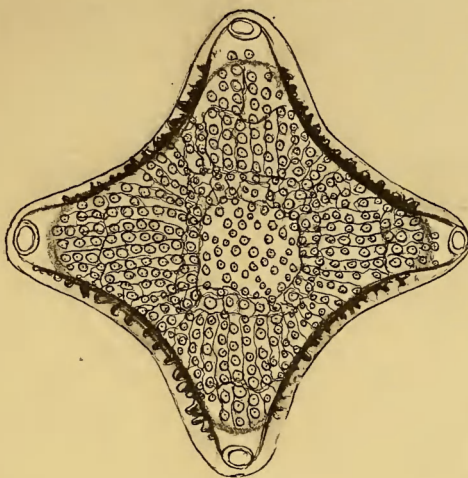
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Tafel XXXIV.

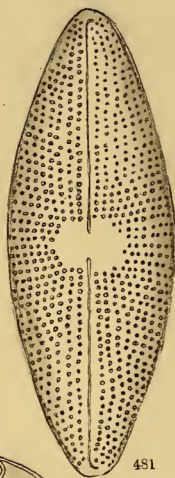
- | | |
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| 479. <i>Navicula Lyra</i> E. var. <i>hungarica</i> n. v. | <i>Nagy-Kürtös</i> ⁴⁵² / ₁ |
| 480. <i>Triceratium junctum</i> A. S. var. <i>fossilis</i> Pant. | <i>Bory</i> ⁶⁰⁰ / ₁ |
| 481. <i>Navicula confoederata</i> | <i>Richmond</i> ⁶⁰⁰ / ₁ |
| 482. <i>Cocconeis De Toniana</i> n. s. | <i>Nagy-Kürtös</i> ⁴⁵² / ₁ |
| 483. <i>Biddulphia crassiuscula</i> n. | <i>Kusnetzki</i> ⁶⁰⁰ / ₁ |
| 484, 488. <i>Ethmodiscus russicus</i> Pant. | <i>Kusnetzki</i> ⁶⁰⁰ / ₁ |
| 485. <i>Cymatopleura gigantea</i> n. s. | <i>Köpecz</i> ⁵⁰⁰ / ₁ |
| 486. <i>Pyrgodiscus Kinkerli</i> n. s. | <i>Mors</i> ⁶⁰⁰ / ₁ |
| 487. <i>Trinacria hystrix</i> Pant. (sub. <i>Tricer.</i>) | <i>Kusnetzki</i> ⁶⁰⁰ / ₁ |
| 489. <i>Rhabdonema musica</i> Br. | <i>Abashiri</i> ⁵⁰⁰ / ₁ |



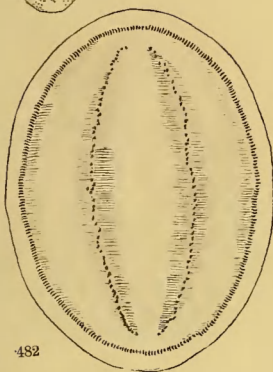
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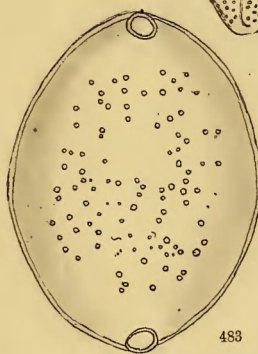
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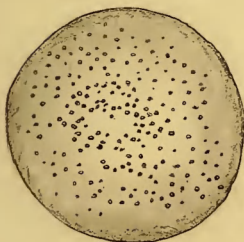
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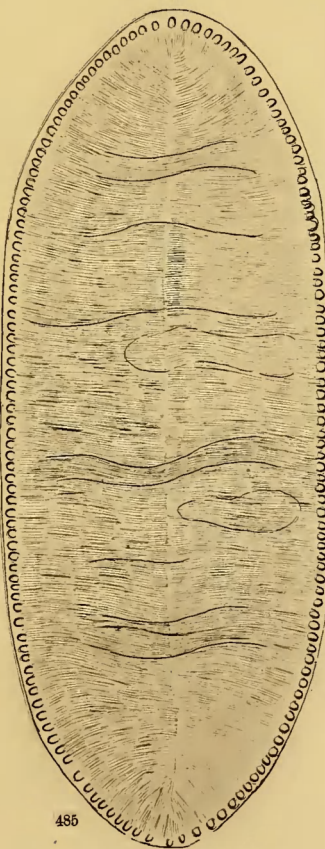
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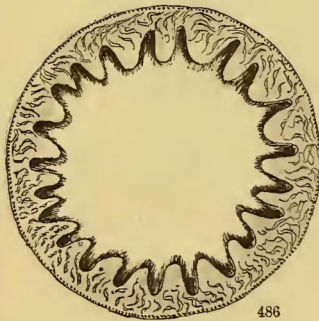
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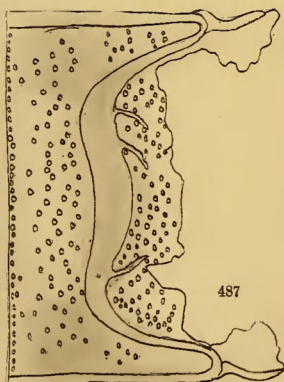
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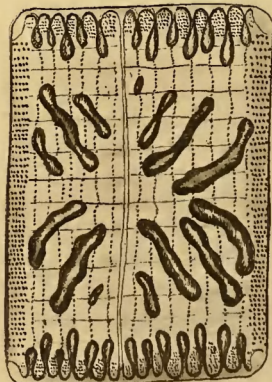
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487



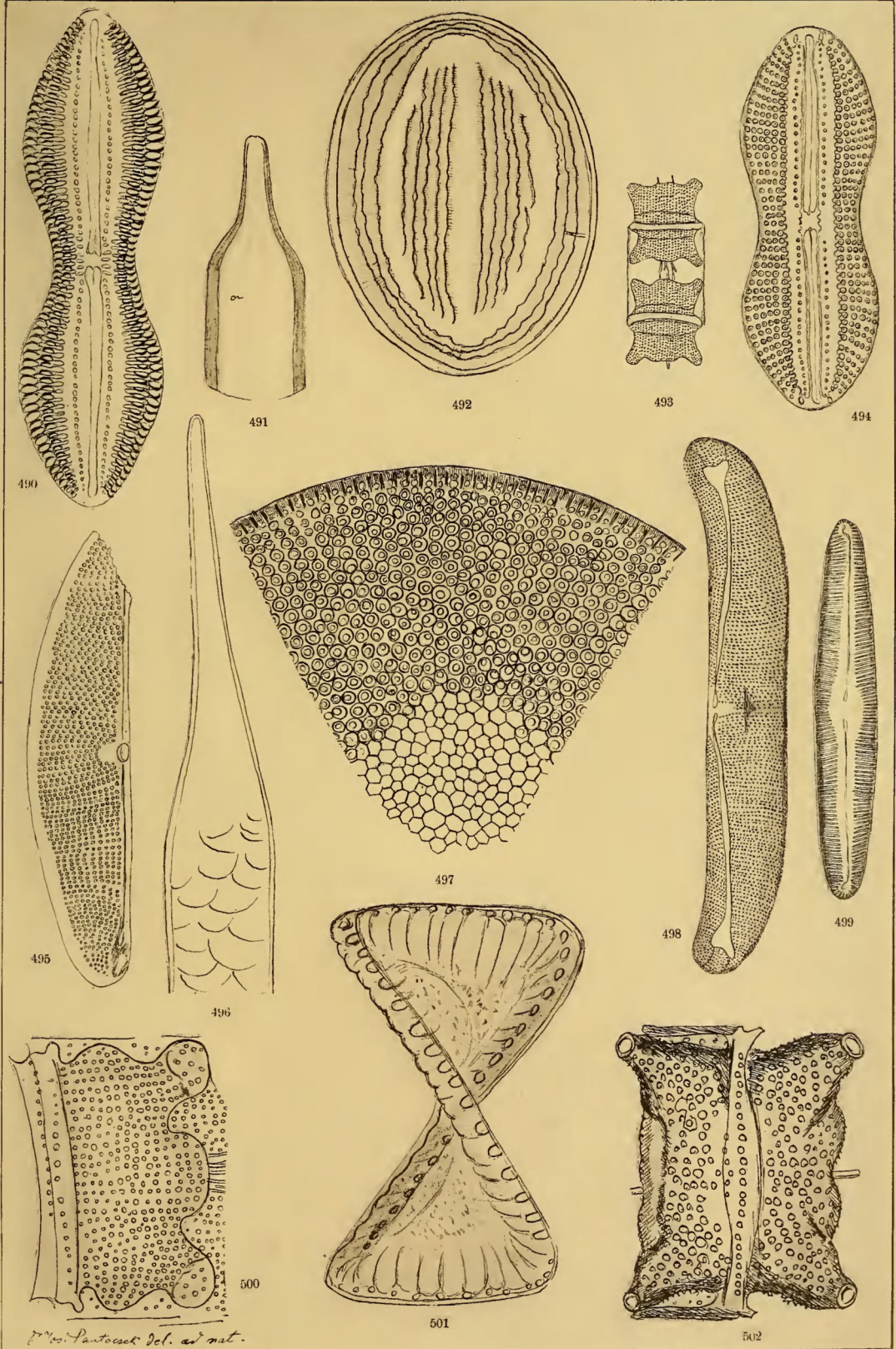
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489

Tafel XXXV.

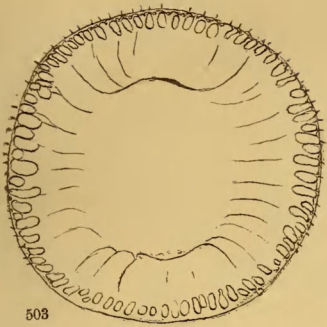
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| 490. <i>Navicula Manticora</i> n. s. | <i>Nagy-Kürtös</i> ⁴⁵² / ₁ |
| 491. <i>Pyxilla carinifera</i> Grun. var. <i>rusica</i> n. v. | <i>Kusnetzki</i> ⁶⁰⁰ / ₁ |
| 492. <i>Cocconeis notabilis</i> n. s. | <i>Wembets</i> ⁶⁰⁰ / ₁ |
| 493. <i>Odontella pygmaea</i> n. s. | <i>Bory</i> ⁵⁰⁰ / ₁ |
| 494. <i>Navicula margaritifera</i> n. s. | <i>Nagy-Kürtös</i> ⁶⁰⁰ / ₁ |
| 495. <i>Amphora sejuncta</i> n. s. | <i>Köpecz</i> ⁶⁰⁰ / ₁ |
| 496. <i>Rhizosolenia squamosa</i> n. s. | <i>Nyermegy</i> ⁶⁰⁰ / ₁ |
| 497. <i>Coscinodiscus Boeckhii</i> Pant. | <i>Bory</i> ⁶⁰⁰ / ₁ |
| 498. <i>Amphora Lunyasekii</i> Pant. | <i>Nagy-Kürtös</i> ⁴⁵² / ₁ |
| 499. <i>Navicula decumana</i> n. s. | <i>Köpecz</i> ⁵⁰⁰ / ₁ |
| 500. <i>Biddulphia permagna</i> Pant. | <i>Bory</i> ⁴⁵² / ₁ |
| 501. <i>Campylodiscus contortus</i> n. s. | <i>Köpecz</i> ⁵⁰⁰ / ₁ |
| 502. <i>Triceratium junctum</i> A. S. var. <i>fossilis</i> Pant. | <i>Bory</i> ⁶⁰⁰ / ₁ |



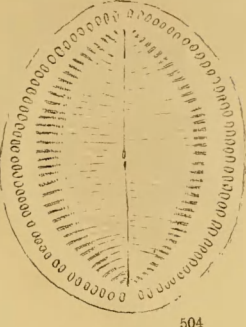
Dr. J. Pantocsek Del. et nat.

Tafel XXXVI.

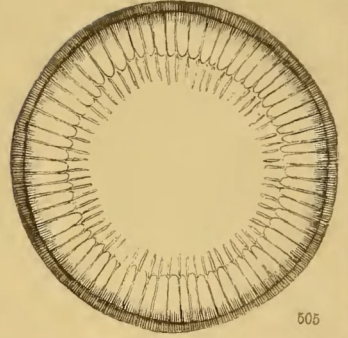
- | | |
|---|---|
| 503. <i>Campylodiscus szakalensis</i> n. s. | <i>Szakal</i> |
| 504. <i>Cocconeis Pethői</i> n. s. | <i>Borostelek</i> ⁵⁰⁰ / ₁ |
| 505. <i>Melosira Peragalloii</i> n. s. | <i>Szakal</i> |
| 506. <i>Podosira constricta</i> n. s. lat. valv. | <i>Bory</i> ⁵⁰⁰ / ₁ |
| 507. <i>Cyclotella radiato-punctata</i> n. s. | <i>Köpecz</i> |
| 508. <i>Berkeleya neogradensis</i> n. s. | <i>Szelcz</i> |
| 509. <i>Cocconeis dubravicensis</i> n. s. | <i>Dubravica</i> |
| 510. <i>Navicula pervasta</i> n. s. | <i>Izsovallaga-Serges</i> ⁵⁰⁰ / ₁ |
| 511. <i>Cyclotella transylvanica</i> n. s. var. <i>disseminato-punctata</i> n. v. | <i>Köpecz</i> |
| 512. <i>Cymbella praeclara</i> n. s. | <i>Köpecz</i> |
| 513. <i>Triceratium Staubii</i> n. s. | <i>Szakal</i> |
| 514. <i>Triceratium antipodum</i> n. s. | <i>Oamaru</i> |
| 515. <i>Triceratium De Tonii</i> n. s. | <i>Szakal</i> |
- Vergrößerung ⁶⁰⁰/₁



503



504



505



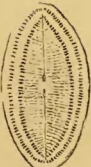
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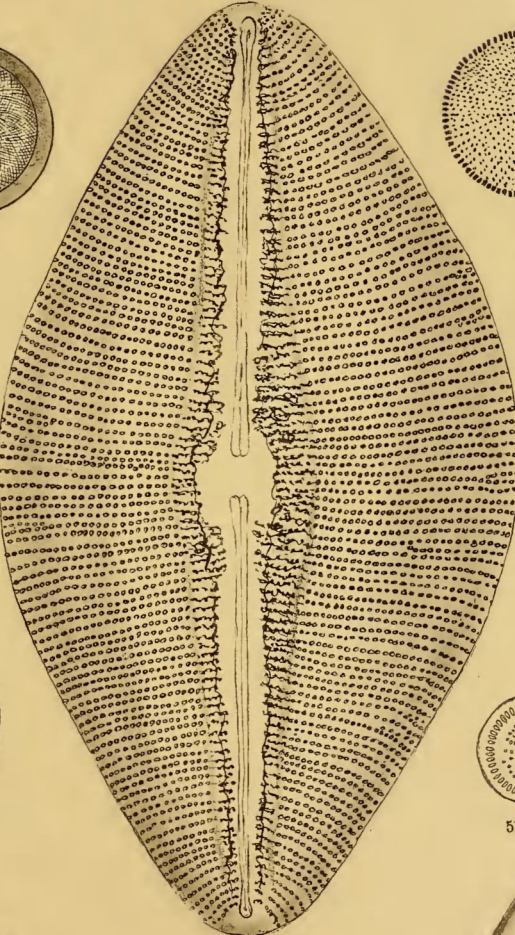
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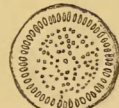
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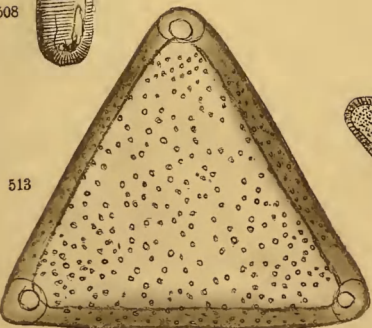
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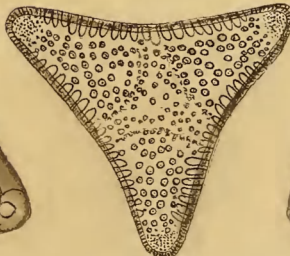
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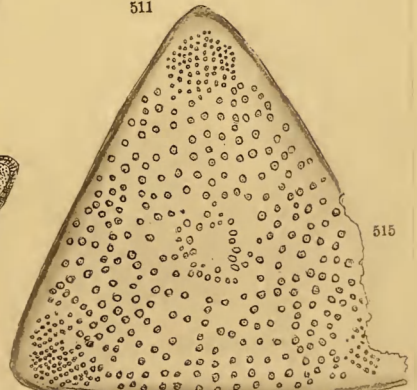
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513



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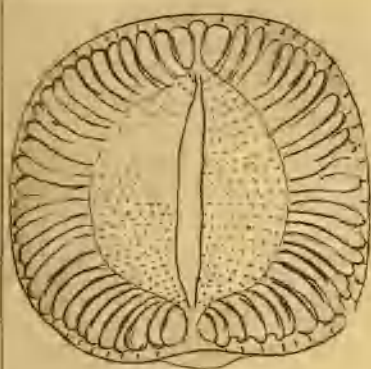


515

H. Nos. Pantorsch. Vel. ad natur.

Tafel ~~XXX~~^VXVII.

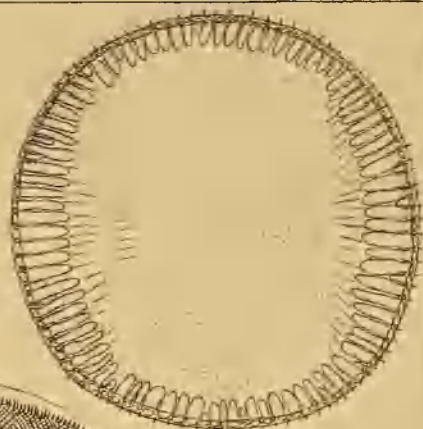
516. <i>Campylodiscus crassus</i> n. s.	<i>Káránd</i>
517. <i>Campylodiscus squamosus</i> n. s.	<i>Borostelek</i> ⁵⁰⁰ / ₁
518. <i>Campylodiscus neogradensis</i> n. s.	<i>Szakul</i>
519. <i>Mastogloia Pethői</i> n. s.	<i>Káránd</i>
520. <i>Mastogloia Smithii</i> Thwait.	<i>Káránd</i>
521, 523. <i>Hemiaulus rostratus</i> n. s.	<i>Káránd</i>
522. <i>Actinoptychus Imperator</i> n. s.	<i>S. Redondo Calif.</i>
524. <i>Triceratium biharensense</i> n. s.	<i>Borostelek</i>
525. <i>Anisodiscus Pantocsekii</i> Grun.	<i>Szelez</i> ⁸³² / ₁
526. <i>Triceratium caducum</i> n. s.	<i>Kusnetz</i> ⁵⁰⁰ / ₁
Vergrößerung ⁶⁰⁰ / ₁	



516



517



518



519



520



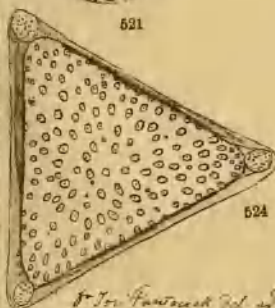
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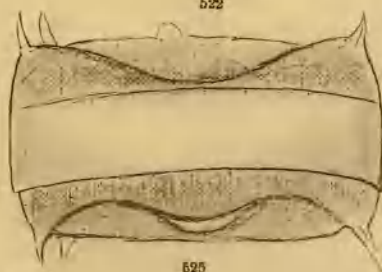
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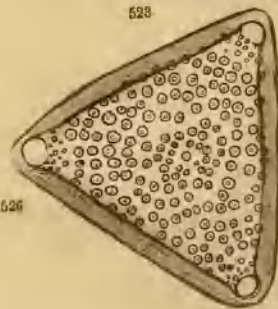
523



524



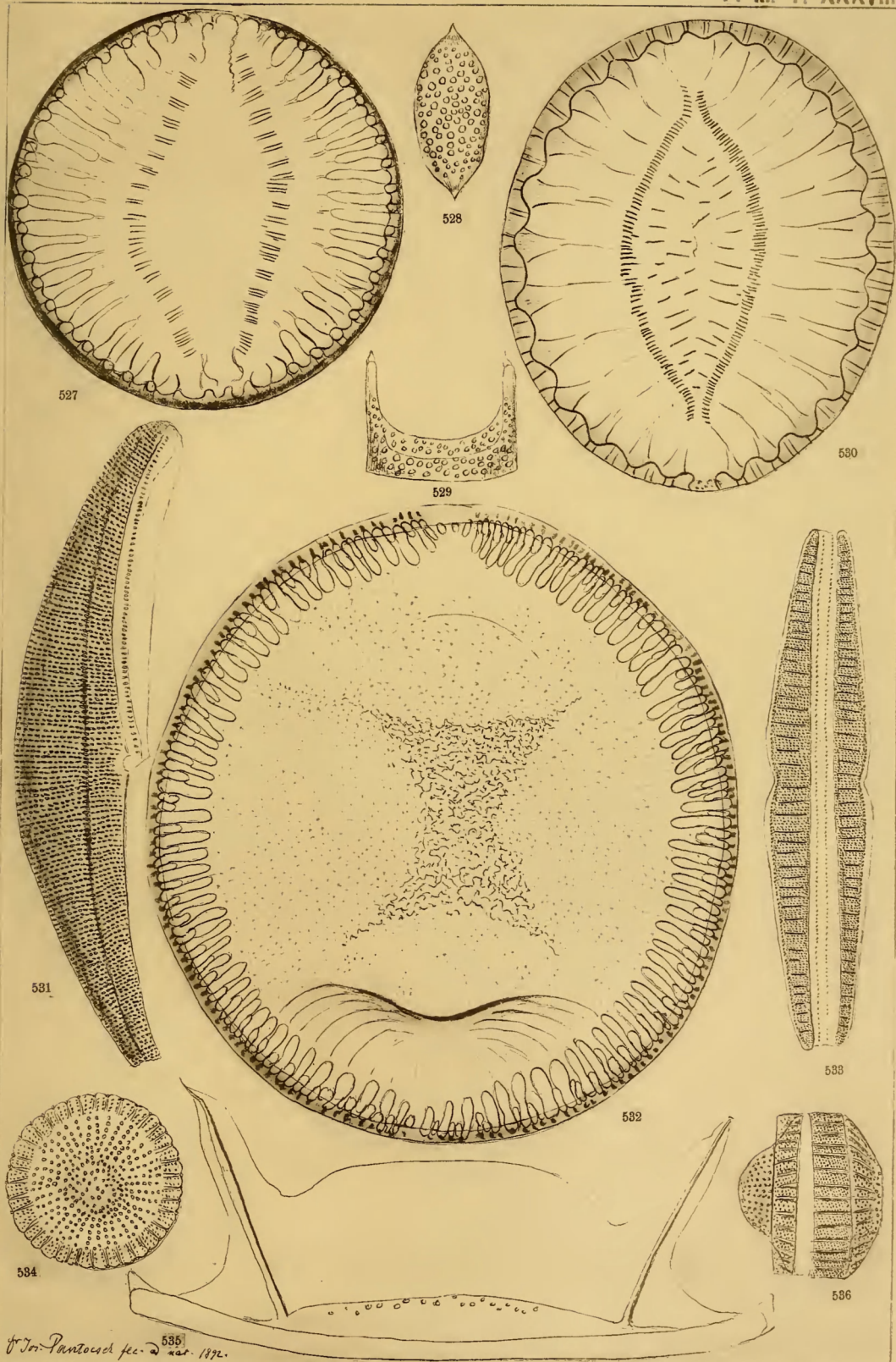
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526

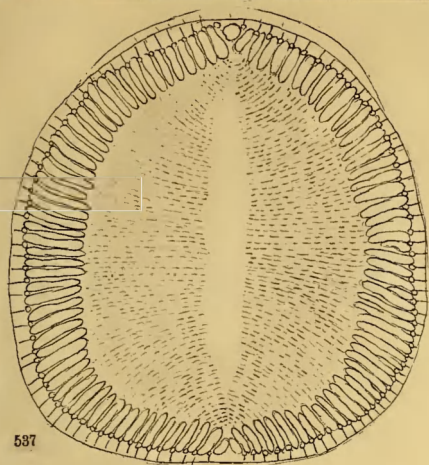
Tafel ~~XXX~~^vVIII.

527. <i>Surirella Toulae</i> n. s.	<i>Baldjich</i> ⁵⁰⁰ / ₁
528, 529. <i>Hemiaulus biharensis</i> n. s.	<i>Borostelek</i>
530. <i>Surirella subfastuosa</i> n. s.	<i>Káránd</i>
531. <i>Amphora boryana</i> Pant.	<i>Bory</i> ⁴⁵² / ₁
532. <i>Campylodiscus dilatatus</i> n. s.	<i>Káránd</i>
533. <i>Epithemia incisa</i> n. s.	<i>Káránd</i>
534, 536. <i>Stictodiscus hungaricus</i> n. s.	<i>Káránd</i>
535. <i>Odontotropis vitrea</i> n. s.	<i>Szakal</i>
Vergrößerung ⁶⁰⁰ / ₁	



Tafel XXXXIX.

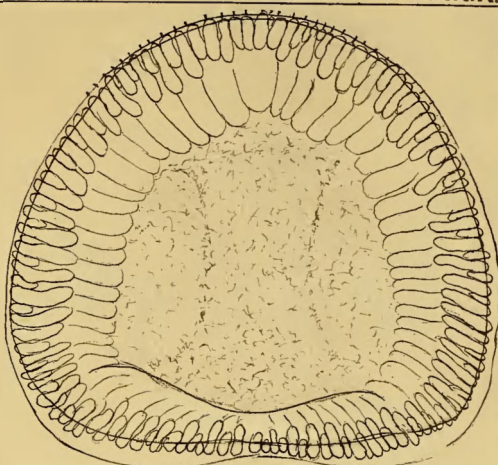
537. <i>Campylodiscus Bergonii</i> n. s.	<i>Nyermegy</i>
538. <i>Navicula filiformis</i> n. s.	<i>Nyermegy</i> ⁵⁰⁰ / ₁
539. <i>Campylodiscus reticulatus</i> n. s.	<i>Borostelek</i>
540. <i>Stictodiscus Szontághii</i> n. s.	<i>Izsofallaga-Serges</i>
541. <i>Trinacria Muellerii</i> n. s.	<i>Oamaru</i>
542. <i>Podosira transylvanica</i> n. s.	<i>Köpecz</i> ³³² / ₁
543. <i>Amphiprora striata</i> n. s.	<i>Nyermegy</i>
544. <i>Surirella signata</i> n. s.	<i>Borostelek</i>
545. <i>Actinoptychus maculosus</i> n. s.	<i>Oamaru</i>
546. <i>Melosira arenaria</i> More var. <i>hungarica</i> n. v.	<i>Bory</i> ⁵⁰⁰ / ₁
547. <i>Amphiprora punctata</i> n. s.	<i>Nyermegy</i>
Vergrößerung ⁶⁰⁰ / ₁	



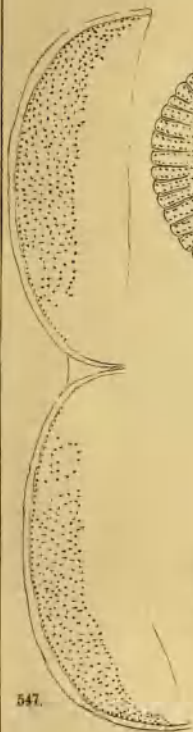
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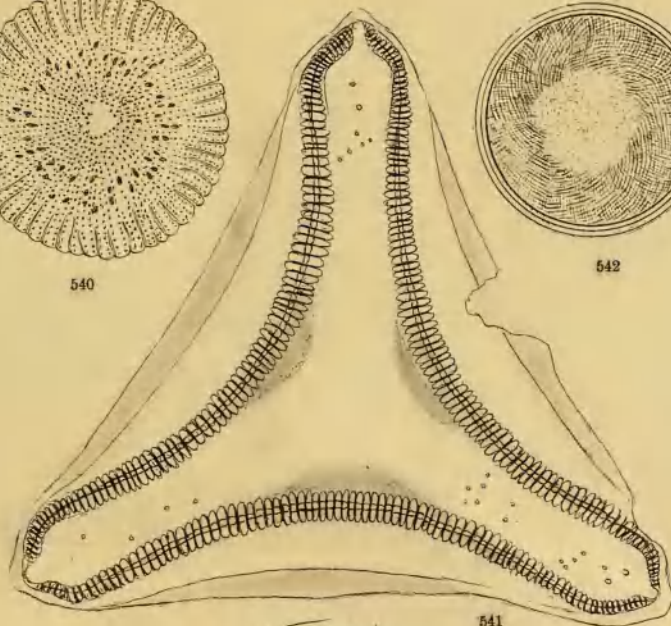
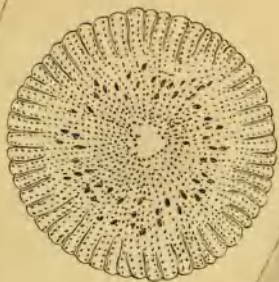
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539



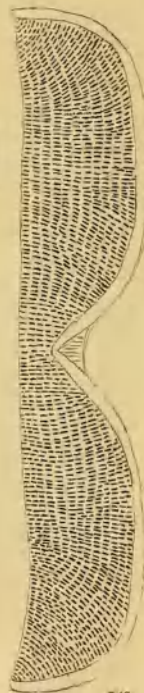
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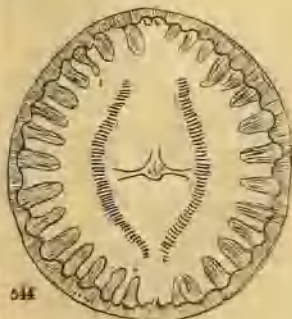
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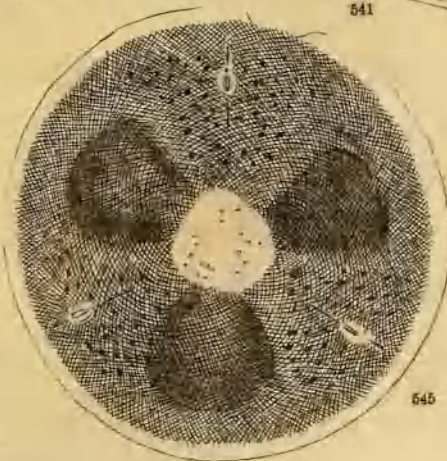
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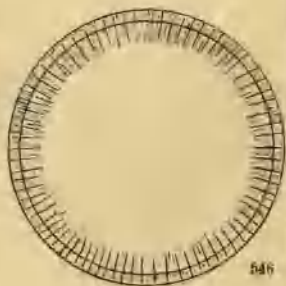
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546

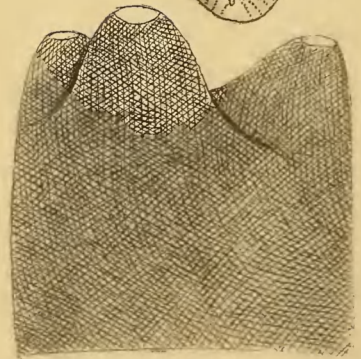
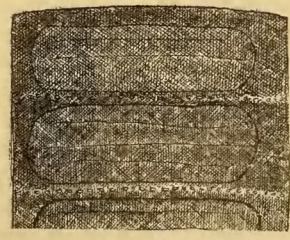
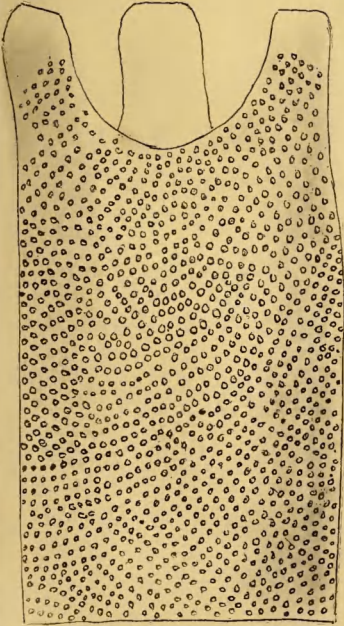
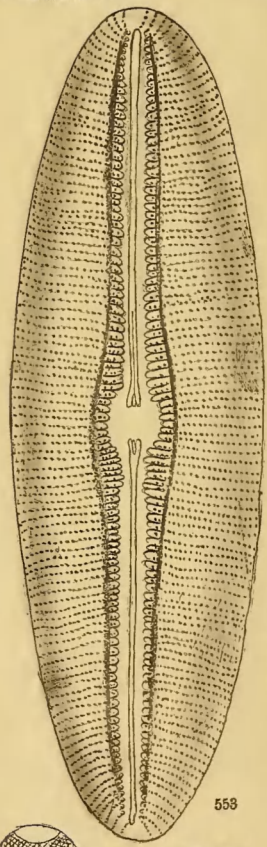
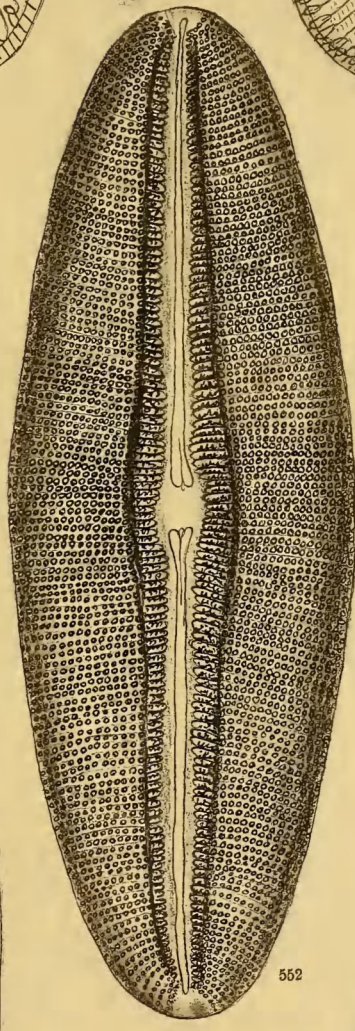
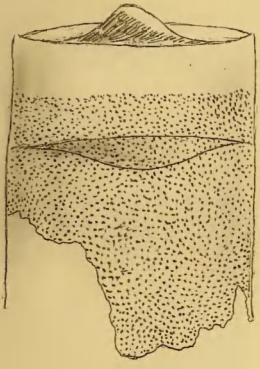
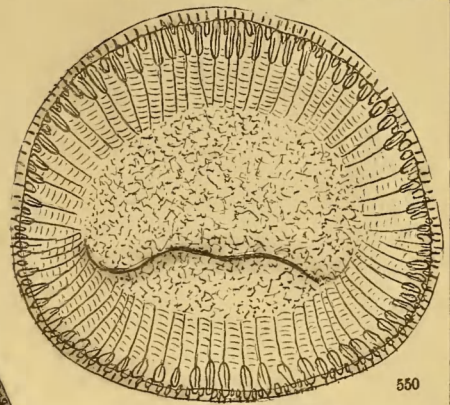
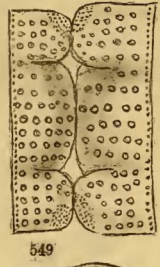
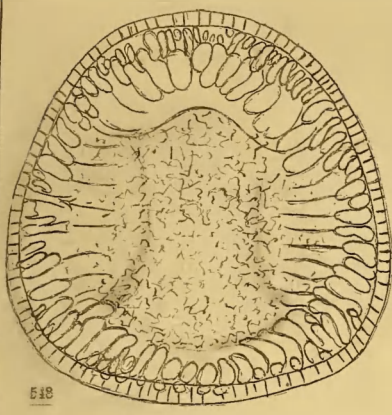


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Tafel ^vXL.

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|--|---|
| 548. <i>Campylodiscus bremianus</i> n. s. | <i>Kavna-Bremia</i> |
| 549. <i>Triceratium bihareense</i> n. s. lat. con. | <i>Borostelek</i> |
| 550. <i>Campylodiscus boryanus</i> n. s. | <i>Bory</i> ⁶⁰⁰ / ₁ |
| 551. <i>Pyxilla vasta</i> n. s. | <i>Szakal</i> |
| 552. <i>Navicula nigricans</i> n. s. | <i>Bory</i> |
| 553. <i>Navicula subfusca</i> n. s. | <i>Izsopallaga-Serges</i> ⁶⁰⁰ / ₁ |
| 554. <i>Triceratium elatum</i> n. s. | <i>Káránd</i> |
| 555. <i>Melosira arenaria</i> More var. <i>hungarica</i> n. v. | <i>Bory</i> ⁶⁰⁰ / ₁ |
| 556. <i>Triceratium vastum</i> n. s. | <i>Borostelek</i> |
- Vergrößerung ⁶⁰⁰/₁

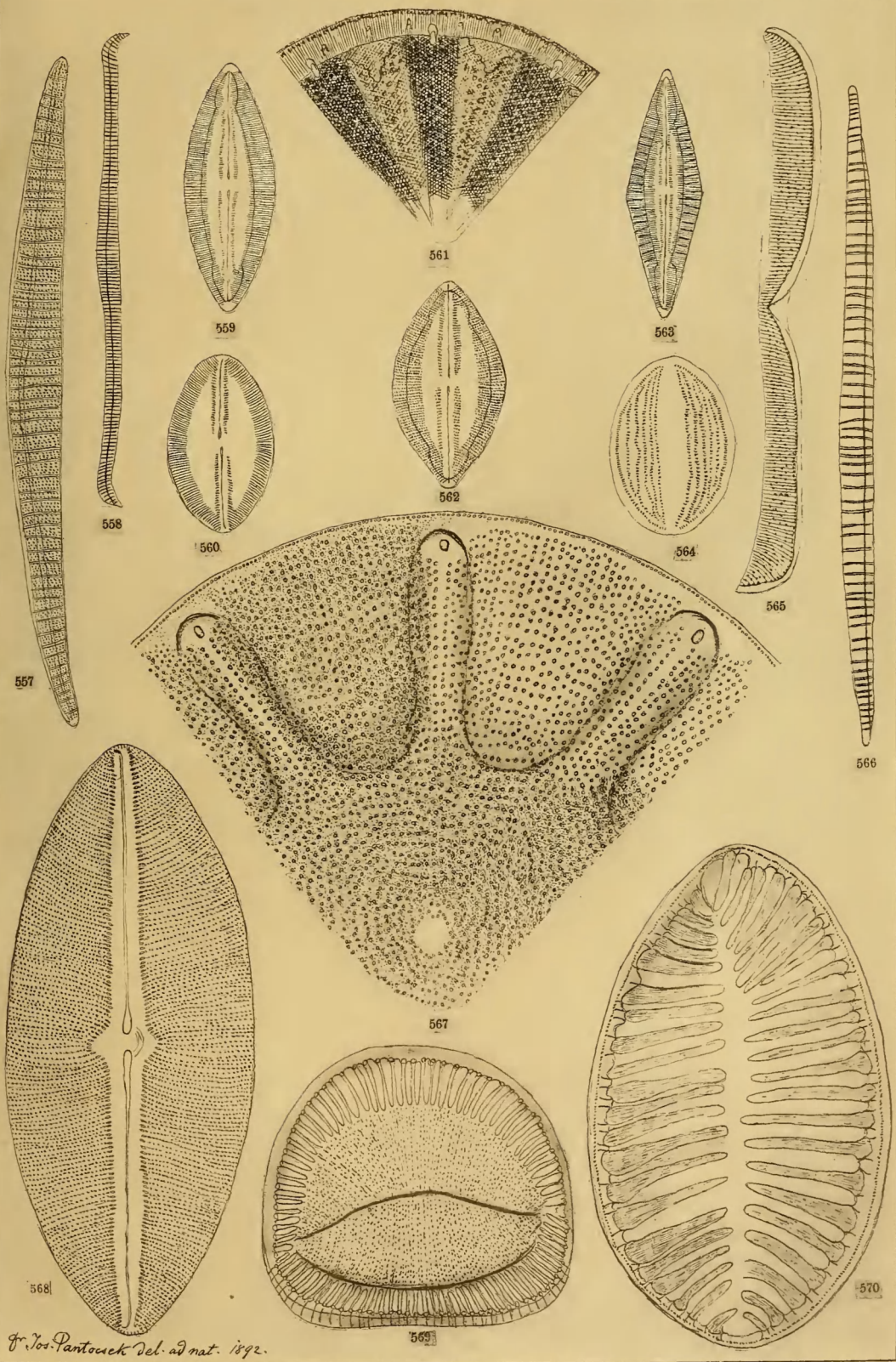


554
Jos. Pantocsek Del. a not 1892

Tafel ~~XLI~~[✓].

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|---|--|
| 557. <i>Epithemia tertiaria</i> n. s. | <i>Nyermegy</i> |
| 558. <i>Epithemia gibba</i> (E) Kg. var. <i>boryana</i> Pant. | <i>Bory</i> ³³² / ₁ |
| 559. <i>Mastogloia neogena</i> n. s. | <i>Nyermegy</i> |
| 560. <i>Navicula difficilis</i> n. s. | <i>Nyermegy</i> |
| 561. <i>Actinoptychus spinifer</i> n. s. | <i>Sct. Monica</i> |
| 562. <i>Mastogloia Kinkerii</i> n. s. | <i>Nyermegy</i> |
| 563. <i>Mastogloia rhomboidalis</i> n. s. | <i>Nyermegy</i> |
| 564. <i>Cocconeis Lunyaecekii</i> n. s. | <i>Nagy-Kürtös</i> ⁴⁵² / ₁ |
| 565. <i>Amphiprora Pethői</i> n. s. | <i>Káránd</i> |
| 566. <i>Nitzschia costata</i> n. s. | <i>Nyermegy</i> |
| 567. <i>Aulacodiscus Jimboi</i> | <i>Sendaï</i> ⁵⁰⁰ / ₁ |
| 568. <i>Navicula latissima</i> Greg. | <i>Bory</i> |
| 569. <i>Campylodiscus Bergonii</i> n. s. | <i>Nyermegy</i> |
| 570. <i>Surirella tortquata</i> n. s. | <i>Káránd</i> |

Vergrößerung ⁶⁰⁰/₁



fr. Jos. Pantouck del. ad nat. 1892.

Tafel XLII.

571. <i>Navicula Kinkeriana</i> n. s.	<i>Neapel</i>
572. <i>Epithemia Pethői</i> Pant.	<i>Bory</i>
573. <i>Actinocyclus neogradensis</i> n. s.	<i>Szelc</i> ⁸³² / ₁
574. <i>Triceratium Pileus</i> E. var. <i>robustior</i> Pant.	<i>Bory</i>
575. <i>Navicula Trevelyana</i> Donk. var. <i>hungarica</i> n. v.	<i>Nyermegy</i> ⁵⁰⁰ / ₁
576. <i>Surirella Clementis</i> Grun.	<i>Dubravica</i>
577. <i>Amphiprora biharensis</i> n. s.	<i>Nyermegy</i>
578. <i>Navicula Egeria</i> n. s.	<i>Karna-Bremia</i>
579. <i>Navicula duplex</i> n. s.	<i>Neapel</i>
580. <i>Navicula Orphei</i> n. s.	<i>Nyermegy</i>
581. <i>Pleurosigma biharens</i> n. s.	<i>Káránd</i>
582. <i>Cocconeis japonica</i> n. s.	<i>Wembets</i>
583. <i>Clavicula Jimboi</i> n. s.	<i>Abashiri</i> ⁸³² / ₁
584. <i>Cymbella Peragalloi</i> n. s.	<i>Köpecz</i>
Vergrößerung ⁶⁰⁰ / ₁	

