EXPLANATION OF PLATE 1

- Fig. 1. Arcella arenaria from A, diagram of living material.
- Fig. 2. Arcella arenaria from A, ventral view.
- Fig. 3. Arcella arenaria from A, ventral view.
- Fig. 4. Arcella arenaria from A, dorsal view.
- Fig. 5. Arcella arenaria? from A, with 19 nuclei.
- Fig. 6. Arcella arenaria? from A, with an elongated aperture





EXPLANATION OF PLATE II

- Fig. 1. Arcella sp. from B, ventral view.
- Fig. 2. Arcella arenaria from A, Cyst, ventral view.
- Fig. 3. Arcella arenaria from A, Cyst, latero-ventral view of the specimen (Fig. 2).
- Fig. 4. The same.
- Fig. 5. Arcella arenaria from A, Cyst, lateral view of the specimen (Fig. 2).
- Fig. 6. Arcella sp. Cyst?, lateral view.
- Fig. 7. Arcella discoides latero-ventral view.
- Fig. 8. Arcella arenaria lateral view.





EXPLANATION OF PLATE III

- Fig. 1. Pyxidicula sp. from A, dorsal view.
- Fig. 2. Pyxidicula sp. from A, lateral view of the specimen (Fig. 1).
- Fsg. 3. Pyxidicula sp. 2, from A, latero-ventral view.
- Fig. 4. Centropyxis minuta (ecornis?) from A.
- Fig. 5. Centropyxis aërophila from A.
- Fig. 6. Centropyxis constricta? (minuta?) from A.
- Fig. 7. Centropyxis sp. (orbicularis?) from A.
- Fig. 8. Centropyxis sp. (constricta?) from A.
- Fig. 9. Centropyxis? sp. 1 from A.
- Fig. 10. Difflugia sp. 1 from A.
- Fig. 11. Difflugia? (Tracheleuglypha?, Pseudopontigulasia?) from A
- Fig. 12. Difflugia sp. 2 from A.
- Fig. 13. Difflugia? (centropyxis?) from A.
- Fig. 14. Capsellina sp. from A.
- Fig. 15. Diffugia pulex? from A.
- Fig. 16. Centropyxis aërophila var. (C. orbicularis) from A.
- Fig. 17. Centropyxis sp. 2 from A.
- Fig. 18. Amphitrema? from A.
- Fig. 19. Amphitrema? from A.
- Fig. 20. Genus undetermined 1. (Centropyxis?) from B.
- Fig. 21. The same, lateral view.
- Scale B for Figs. 3 and 18, scale C for others.



EXPLANATION OF PLATE IV

- Fig. 1. Difflugia manicata from B, lateral view.
- Fig. 2. Difflugia manicata from B, Cyst.
- Fig. 3. Difflugia manicata from B, lateral view.
- Fig. 4. Difflugia manicata from B.
- Fig. 5. Difflugia manicata? from B.
- Fig. 6. Assulina muscorum from A.
- Fig. 7. Assulina sp. 1 from B.
- Fig. 8. Assulina sp. 1 from B.
- Fig. 9. Chryptodifflugia sp. 1.
- Fig. 10. Chryptodifflugia sacculus from A.
- Fig. 11. Chryptodifflugia sp. 2 from A.
- Fig. 12. Euglypha laevis from A.
- Fig. 13. Corythion from A, dorsal view.
- Fig. 14. Wailesella? (Corythion?) from A, dorsal view.
- Fig. 15. Wailesella sp. from B, dorsal view.
- Fig. 16. Wailesella sp. from B, lateral view of the specimen (Fig. 15).
- Fig. 17. Corythion sp.
- Fig. 18. Corythion sp. lateral view of the specimen (Fig. 17).
- Fig. 19. Vahlkampfia sp.
- Fig. 20. Chaos sp.
- Fig. 21. Genus undetermined, Cyst?
- Fig. 22. Astramoeba sp. from A.
- Fig. 23. Thecamoeba sp. from B.
- Fig. 24. Genus undetermined.
- Fig. 25. Cyst of Microcorythia?
- Fig. 26. The same.
- Fsg. 27. Cyst?

Scale B for Figs. 1-5, 19-22, 24 and 25, scale C for Figs. 7-18 and 23, scale E for Fig. 6.



EXPLANATION OF PLATE V

- Fig. 1. Chlamydomonas? from A.
- Fig. 2. Genus undetermined 1.
- Fig. 3. Genus undetermined 2.
- Fig. 4. Genus undetermined.
- Fig. 5. Thylacomonas? from A.
- Fig. 6. Monosiga? from A.
- Fig. 7. Genus undetermined 1 (Frontonid).
- Fig. 8. Genus undetermined 2 (Frontonid).
- Fig. 9. Genus undetermined 3 (Didinid or, gamate of Fig. 16).
- Fig. 10. Genus undetermined 4 (Frontonid).
- Fig. 11. Genus undetermined 5 (Cyclidium?).
- Fig. 12. Cyclidium elongatum?
- Fig. 13. Bryophyllum? from A.
- Fig. 14. Bryophyllum? from A.
- Fig. 15. Bryophyllum? in vertical binary fission?
- Fig. 16. Pyxidium sp. (just attached to the substrate) from A.
- Fig. 17. Genus undetermined (Vorticellid).
- Fig. 18. Genus undetermined, from B, Cyst? of the specimen (Fig. 16 or 17).
- Fig. 19. Genus undetermined, from B, Cyst? of the specimen (Fig. 16 or 17).
- Fig. 20. Cyst of Pyxidium from B.
- Fig. 21. Genus undetermined (Free-swimming gamate of Vorticellid).
- Fig. 22. Genus undetermined 8.
- Fig. 23. The same (stretching), the specimen of Fig. 22.

Scale B for Figs. 11-14, 22 and 23, scale C for other figs.





EXPLANATION OF PLATE VI

- Fig. 1. Opisthotricha sp. from A.
- Fig. 2. Keronopsis? mouth region.
- Fig. 3. Keronopsis? caudal region of the specimen (Fig. 2).
- Fig. 4. Genus undetermined (Balantidioides?).
- Fig. 5. Genus undetermined (Phacodinium?) 10 from B.
- Fig. 6. Genus undetermined (the same?).







EXPLANATION OF PLATE VII

- Fig. 1. Hypsibius (H) mertoni simoizumi SUDZUKI.
- Fig. 2. Hypsibius mertoni simoizumi head reagion of the specimen (Fig. 1).
- Fig. 3. Hypsibius mertoni simoizumi caudal region of the specimen (Fig. 1).
- Fig. 4. Hypsibius mertoni simoizumi claws of I leg.
- Fig. 5. Hypsibius mertoni simoizumi claws of II leg.
- Fig. 6. Hypsibius mertoni simoizumi claws of IV leg.
- Fig. 7. Hypsibius mertoni simoizumi claws of II leg (another specimen).
- Fig. 8. Hypsibius mertoni simoizumi claws of IV leg of the specimen (Fig. 7).
- Fig. 9. Hypsibius mertoni simoizumi mouth part of the specimen (Figs. 1-6).
- Fig. 10. Hypsibius mertoni simoizumi claws of I leg of the specimen (Fig. 9).
- Fig. 11. Hypsibius sp. 2 from A, lateral view.
- Fig. 12. Hypsibius sp. 2 from A, head region of the specimen (Fig. 11).
- Fig. 13. Hypsibius sp. 2 from A, mouth part of the specimen (Fig. 11).

Scale A for Figs. 1 and 11, scale B for Figs. 2-3 and 12, scale C for Figs. 4-8, scale D for Figs. 9-10 and 13.

Plate VII.



EXPLANATION OF PLATE VIII

- Fig. 1. Hypsibius (Diphascon) chilenensis, pharynx of the specimen (Figs. 7-8).
- Fig. 2. Hypsibius (D) chilenensis claws of the specimen (Fig. 1).
- Fig. 3. Hypsibius (D) chilenensis head region.
- Fig. 4. Hypsibius (D) chilenensis caudal region.
- Fig. 5. Hypsibius (D) chilenensis a young specimen.
- Fig. 6. Hypsibius (D) chilenensis pharynx of the specimen (Fig. 5).
- Fig. 7. Hypsibius (D) chilenensis dorsal view.
- Fig. 8. Hypsibius (D) chilenensis lateral view of the specimen (Fig. 7).
- Fig. 9. Hypsibius sp. 1 ventral view.
- Fig. 10. Hypsibius sp. 1 lateral view.
- Fig. 11. Hypsibius sp. 1 head region of the specimen (Figs. 9-10).
- Fig. 12. Hypsibius sp. 1 claws of the IV leg of the specimen (Figs. 9-10).
- Fig. 13. Hypsibius antarcticus from A.
- Fig. 14. Hypsibius antarcticus from A, mouth tube.
- Fig. 15. Hypsibius antarcticus from A, claws of the specimen (Fig. 13).

Scale A for Figs. 9-10, and 13, scale B for Figs. 5, 7 and 8, scale C for Figs. 3-4, 12 and 15, scale D for Figs. 1-2, 6, 14 and 15.

Plate VIII.



EXPLANATION OF PLATE IX

Milnesium tardigradum ventral view. Fig. 1. Fig. Milnesium tardigradum from A, head region of the specimen (Fig. 1). 2. Fig. 3. Milnesium tardigradum caudal region of the specimen (Fig. 1). Fig. 4. Milnesium tardigradum pharynx of the specimen (Fig. 1). Fig. Milnesium tardigradum claws of the I leg of the specimen (Fig. 1). 5. Fig. Milnesium tardigradum claws of the I leg of the specimen (Fig. 1). 6. Milnesium tardigradum claws of the II leg of the specimen (Fig. 1). Fig. 7. Milnesium tardigradum claws of the II leg of the specimen (Fig. 1). Fig. 8. Fig. Milnesium tardigradum claws of the III leg of the specimen (Fig. 1). 9. Milnesium tardigradum claws of the III leg of the specimen (Fig. 1). Fig. 10. Milnesium tardigradum claws of the IV legs of the specimen (Fig. 1). Fig. 11. Milnesium tardigradum claws of the I leg of another specimen (Figs. 16-17). Fig. 12. Milnesium tardigradum claws of the II leg of the specimen (Figs. 16-17). Fig. 13. Fig. 14. Milnesium tardigradum claws of the III leg of the specimen (Figs. 16-17). Milnesium tardigradum claws of the IV leg of the specimen (Figs. 16-17). Fig. 15. Milnesium tardigradum head region of the specimen (Figs. 12-15). Fig. 16. Milnesium tardigradum head region of the specimen (Figs. 12-15). Fig. 17. Milnesium tardigradum claws of the IV legs of the specimen (Figs. 16-17). Fig. 18.

Scale A for Fig. 1 scale B for other figs.

Plate IX.



EXPLANATION OF PLATE X

- Fig. 1. Encentrum antarcticum SUDZUKI from A, lateral view.
- Fig. 2. Encentrum antarcticum trophy of the specimen (Fig. 1).
- Fig. 3. Encentrum antarcticum toes of the specimen (Fig. 1).
- Fig. 4. Encentrum bryocolum SUDZUKI from A, lateral view.
- Fig. 5. Encentrum bryocolum caudal region of the specimen (Fig. 4).
- Fig. 6. Adineta sp. from A, carrying an egg.
- Fig. 7. Adineta sp. from A, lateral view of the specimen (Fig. 6).
- Fig. 8. Lepadella patella var. matudai Sudzuki, from A, ventral view.
- Fig. 9. Lepadella patella a form indicating caudal region.
- Fig. 10. Lepadella sp. lateral view.
- Fig. 11. Lepadella sp. dorso-ventral view of the specimen (Fig 10)
- Fig. 12. Adineta sp. from A, lateral view.
- Fig. 13. Macrotrachela sp. foot.
- Fig. 14. Macrotrachela? toe.
- Fig. 15. Mniobia? toe.
- Fig. 16. Adineta sp. toe.
- Fi6. 17. Mniobia sp. 2 toe.
- Fig. 18. Mniobia sp. 3 toe.
- Fig. 19. Mniobia sp. 4 toe.
- Fig. 20. Mniobia sp. 1 toe.
- Fig. 21. Habrotrocha sp. toe.
- Fig. 22. Mniobia sp. toe.



EXPLANATION OF PLATE XI

- Fig. 1. Encentrum bryocolum SUDZUKI from A, Egg.
- Fig. 2. Egg of Rotatoria genus undetermined (Macrotrachela?).
- Fig. 3. Egg of Rotatoria geuns undetermined (Macrotrachela?).
- Fig. 4. Egg of Rotatoria genus undetermined (Macrotrachela?).
- Fig. 5. Egg of Rotatoria.
- Fig. 6. Egg of undetermined animal.
- Fig. 7. Egg of Rotatoria (or Nematoda?).
- Fig. 8. Egg of Rotatoria (Notommatid?).
- Fig. 9. Egg of Rotatoria?
- Fig. 10. Egg of Tardigrada.
- Fig. 11. Eggs of undetermined animal.
- Fig. 12. Egg of Nematoda.



