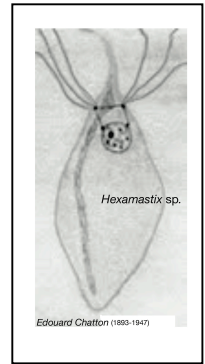




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Announcing the long-awaited **Second Edition of *The Handbook of Protoctista!***

Lynn Margulis (University of Massachusetts-Amherst) &

Michael J. Chapman (Marine Biological Laboratory-Woods Hole), editors

Foreword by Moselio Schaechter

Since the publication of the first edition of *The Handbook of Protoctista* in 1990 strides have been made in understanding the eukaryotic microorganisms and their descendants exclusive of fungi, animals and plants. The Earth's protoctists, aquatic ancestors of fungi, animals and plants, are the most diverse of all eukaryotes. New information on the morphology, genetic systems, life history, physiology, ecology and fossil record of these incredible organisms illuminates major processes in the evolution of life on our planet. The overall organization of the book into chapters on the most inclusive taxa (the phyla and classes) reflects our current understanding of protoctist classification. It recognizes the pivotal position of these organisms, probably more than 250,000 extant species, and their relation to the rest of life on Earth. Botanists, microbiologists, mycologists, naturalists, paleontologists, parasitologists, phycologists, protistologists, sedimentologists, stratigraphers and zoologists will find this well-illustrated reference compendium illuminating, unique and indispensable to their work.

Leading authorities have dedicated their expertise to revision of the 53 chapters:

1. Phylum ARCHAEPROTISTA

Class1 Archamoebae

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University of Massachusetts-Amherst

2. Class2 Parabasalia

Michael F. Dolan

University of Massachusetts-Amherst

3. Class3 Pyrsonymphida

(Oxymonadida)

Vladimir Hampl

Charles University-Prague

4. Class4 Metamonadida

Order1 Retortamonadida

Jaroslav Kulda

Eva Nohýnková

Charles University-Prague

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Lamont Doherty Earth Observatory

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Class2 Foraminifera

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Ole Secher Tendal

Zoological Museum

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14. Class1 Ellobiopsida

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16. Phylum CILIOPHORA

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David Modry

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Patologia Comparata e Igiene
Veterinaria, Italy

27. Phylum PHAEOPHYTA

Hiroshi Kawai
Kobe University, Japan
Eric Henry
Oregon State University

28. Phylum BACILLARIOPHYTA

David Mann
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Class2 Phaeodaria
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Lamont Doherty Earth Observatory
Columbia University

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Class4 Acantharia
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Newcastle University, UK
Marco Thines
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Lora L. Shadwick
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Maria Aguilar
John D. Shadwick
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Academy of Sciences, Czech Republic

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University of Koln, Germany

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Charles University-Prague

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Class2 Pedinophyceae;
Class3 Prasinophyceae;
Class4 Ulvophyceae
Class5 Chlorophyceae
Order1 Pedinomonadales
Order2 Microthamniales
Michael Melkonian
University of Koln, Germany

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Linda Graham
University of Wisconsin-Madison
Martha Cook
Illinois State University

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Philadelphia
Kenneth Karol
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Martha Powell
University of Alabama

50. Phylum CHYTRIDIOMYCOTA

Martha Powell
University of Alabama

51. Phylum CHOANOMASTIGOTA

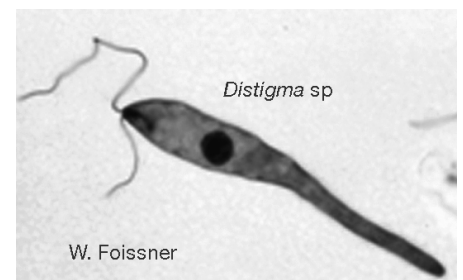
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University of California-Berkeley

52. Phylum MYXOZOA

Jiri Lom
Academy of Sciences, Czech Republic

53. Phylum MICROSPORIDIA

Ann Cali
Peter Takvorian
Rutgers University-Newark



**Look for a sneak preview of
chapters online in early 2012!**