

1. Record Nr.	UNINA9910349266103321
Titolo	Handbook of the Protists // edited by John M. Archibald, Alastair G.B. Simpson, Claudio H. Slamovits, Lynn Margulis, Michael Melkonian, David J. Chapman, John O. Corliss
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-319-32669-4
Descrizione fisica	1 online resource : illustrations (some color)
Disciplina	579
Soggetti	Protista Parasitology Microbial ecology Medical parasitology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Diplomonadida -- Amoebozoan lobose amoebae (Tubulinea, Flabellinea and others) -- Retortamonadida (and Carpediemonas-like organisms) -- Opalinata -- Choanoflagellata -- Jakobida -- Kinetoplastea -- Preaxostyla -- Parabasalia -- Heterolobosea -- Archamoebae -- Protosteloid Amoebae (Protosteliida, Protosporangiida, Cavosteliida, Schizoplasmodiida, Fractoviteliida, and sporocarpic members of Vannellida, Centramoebida, and Pellitida) -- Euglenida -- Dictyostelia -- Apusomonadida -- Haplosporida -- Blastocladales -- Chytridiomycota -- Radiolaria (Polycystinea, Phaeodarea) -- Apicomplexa -- Paramyxida -- Dinoflagellata -- Ciliophora -- Plasmodiophorida -- Labyrinthulomycetes -- Oomycetes and Hyphochytriales -- Microsporidia -- Centrohelida and other "heliozoans" -- Bacillariophyta -- Xanthophyta -- Phaeophyta -- Xenophyophora -- Rhodophyta -- Chlorarachnida -- Cryptophyta (Cryptomonads) -- Chlorokybophyceae, Klebsormidiophyceae, Coleochaetophyceae -- Raphidophyceae (Raphidophyta) -- Prymnesiophyta -- Eustigmatophyta -- Charophyceae (Charales) -- Zygnematophyta -- Glaucocystophyta -- Chrysomonada -- Myxomycetes.

## Sommario/riassunto

Published in a modern, user-friendly format this fully revised and updated edition of *The Handbook of Protozoology* (1990) is the resource for those interested in the biology, diversity and evolution of eukaryotic microorganisms and their descendants, exclusive of animals, plants and fungi. With chapters written by leading researchers in the field, the content reflects the present state of knowledge of the cell and genome biology, evolutionary relationships and ecological/medical/economic importance each major group of protists, organized according to current protist systematics as informed by molecular phylogenetics and genomics.

---