

Contents

REVIEW

FENCHEL, T. and FINLAY, B. J.

200 The Biology of Free-living Anaerobic Ciliates

ARTICLES

DRADESCO, J. and DRADESCO-KERNÉIS, A.

216 Free-living Ciliates from the Coastal Area of Lake Tanganyika (Africa)

DARWISH, A. and CANNING, E. U.

236 A Light- and Electron-microscopic Study of *Amblyospora egypti* n.sp. Infecting *Culex pipiens* in Egypt

KAWAKAMI, H.

245 An Endosymbiotic *Chlorella*-bearing Ciliate: *Platyophrya chlorelligera* Kawakami 1989

OGDEN, C. G. and MEISTERFELD, R.

256 The Biology and Ultrastructure of the Testate Amoeba, *Diffugia lucida* Penard (Protozoa, Rhizopoda)

IMAI, S., IKEDA, S., COLLET, J. Y. and

270 Entodiniomorphid Ciliates from the Wild Lowland Gorilla with the Description of a New Genus and three New Species

BONHOMME, A.

BOULARD, Y., LANDAU, I., BACCAM, D., RABETAFIKA, L., LEPERS, J.-P. et COULANGES, P.

279 Observations Ultrastructurales sur les Formes Sanguines et la Sporogonie de Plasmodiums de Lémuriens Malgaches

HOFMANN-MÜNZ, A. H.

288 The Oral Apparatus of *Colpoda variabilis* (Ciliophora, Colpodidae) II. Ultrastructure of the Oral Ciliature and its Implications on Ciliate Phylogeny

HAFID, J., SUNG, R. T. M., AKONO, Z. Y., POZZETTO, B., JAUBERT, J., RABERIN, H. and JANA, M.

303 *Toxoplasma gondii* Antigens: Analysis by SDS-PAGE and Immunoblotting; Relation with Circulating Antigens

TAKAHASHI, T. and SUHAMA, M.

308 Regeneration of Amicronucleate Fragments in the Hypotrichous Ciliate *Pseudourostyla levis*

BECNEL, J. J. and FUKUDA, T.

319 Ultrastructure of *Culicosporella lunata* (Microsporidia: Culicosporellidae fam. n.) in the Mosquito *Culex pilosus* (Diptera: Culicidae) with New Information on the Developmental Cycle

LU, L., SHI, X. B. and NG, S. F.

330 Nuclear Control of Cortical Reorganization during Sexual Reproduction of *Styloynchia mytilus*: A Study with Amicronucleates

RAIKOV, I. B. and MIGNOT, J.-P.

340 Fine-structural Study of Mitosis in the Testacean *Arcella vulgaris* Ehrbg

AESCHT, E., FOISSNER, W. and MULISCH, M.

350 Ultrastructure of the Mycophagous Ciliate *Grossglockneria acuta* (Ciliophora, Colpodea) and Phylogenetic Affinities of Colpodid Ciliates

ISHIDA, N., SHIGENAKA, Y., SUZAKI, Z. and

365 Studies on the Mechanism of Cell Elongation in *Blepharisma japonicum* 3. Cytoplasmic Calcium Ions May Correlate to Cell Elongation in Calmodulin-Dependent Manner

TANEDA, K.

KUHLMANN, H. W. and HECKMANN, K.

370 Nuclear Processes in *Euplotes octocarinatus* during Conjugation

BOOK REVIEWS

387 HONIGBERG, B. M. (ed.): Trichomonads Parasitic in Humans (COOMBS, G. H.)

387 HYAMS, J. S. and BRINKLEY, B. R.: Mitosis: Molecules and Mechanisms (HEATH, I. B.)

387 RONDANELLI, G. (ed.): Infectious Diseases, Color Atlas & Monographs. 2. Blood Transfusion and Infectious Diseases (RISSE, H. J.)

388 ROWAN, K. S.: Photosynthetic Pigments of Algae (BJØRNLAND, T.)

389 WILLMER, P. G.: Invertebrate Relationships (PATTERSON, D. J.)

BOOKSHELF

391

ANNOUNCEMENTS

393