

# Light and electron microscopic studies of *Ascobolus stercorarius*. - II. Ascus and ascospore ontogeny.

University of California Press - Nuclear divisions in the ascus and ascospores of *Melanospora zamiae*

Description: -

- Neoptolemus (Greek mythology)
- Hosiery -- Turkey.
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- Finance, Personal.
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- Valadon, Suzanne, 1865-1938.
- African Americans -- Colonization -- Africa.

Biographical - General

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POCAHONTAS, d. 1617

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Children: Young Adult (Gr. 10-12)

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Juvenile Fiction

General

Ascospores.

Asci.

*Ascobolus stercorarius*. Light and electron microscopic studies of *Ascobolus stercorarius*. - II. Ascus and ascospore ontogeny.

v. 62.

University of California publications in botany ;

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Notes: Bibliography: p. [29]-33.

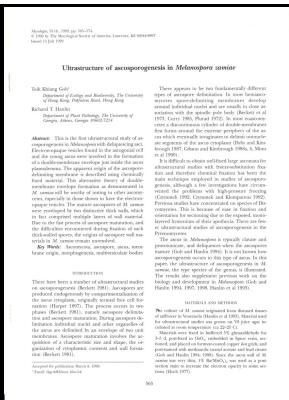
This edition was published in 1972

Tags: #Redescription #of #Coccidiascus legeri #chatton, #1913 #

Nematosporaceae: #Hemiascomycetidae), #an #intracellular parasitic #yeastlike #fungus #from #the #intestinal #epithelium #of #Drosophila melanogaster

The Operculate Ascus and Allied Forms

Die Zellulare Strukturordnung in der



Filesize: 49.84 MB

Radicula lufttrockener Samen von *Pisum sativum*

Vol. 65, No. 5, Sep.

Ascomycetes show an early radiation including Taphrina and Schizosaccharomyces, followed by a split leading to either budding yeasts or hyphal forms. Report on Forest Research, 1970. Boudier 1879, 1885 was the first to recognize the importance of the operculate mode of ascus dehiscence for the classification of the discomy-cetes.

**Ascobolus stercorarius — Assembling the Fungal Tree of Life**

Ascospores were delimited by the progressive invagination of a pair of unit membranes.

**Redescription of Coccidiascus legeri chatton, 1913 (Nematosporaceae: Hemiascomycetidae), an intracellular parasitic yeastlike fungus from the intestinal epithelium of Drosophila melanogaster**

Just before spore release the outer layer of the ascospore wall became vesiculated and eventually mucilagenous. Botanica Marina, 37 1 , 51-56.

#### **A fibrous inclusion body in developing ascospores of *Ascobolus stercorarius***

Ascospores contained the normal complement of organelles associated with ascomycete cells; the most prominent being a large central spherical lipid body in each cell. After ascospore delimitation, each nucleus in the young ascospore underwent two successive mitoses producing four haploid nuclei in each spore. The first and second divisions were meiotic in which the single diploid nucleus divided into four haploid nuclei.

#### **Ultrastructure of thermophilic fungi: II. Ascus and ascospore development in *Thermoascus aurantiacus***

Coggeshall, 1965: A simplified lead citrate stain for use in electron microscopy.

#### **Septal Ultrastructure and Ascomycete Systematics**

The functional role of the FAI is considered in relation to the current literature; a bifunctional role in the apothecium is considered in light of the occurrence of an additional class of filamentous structure in other differentiated elements of the ascocarp.

#### **Light and electron microscopic studies of *Ascobolus stercorarius*. II. Ascus and ascospore ontogeny.**

Beckett, 1972: The origin of ascospore-delimiting membranes in *Taphrina deformans*. Evans, 1968: The developing ascospore wall of *Hypoxyylon fragiforme*. Rapport, 1971: Spindles, spindle plaques and meiosis in the yeast *Saccharomyces cerevisiae* Hansen.

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