

Wolfgang Frey (Editor)

Syllabus of Plant Families

A. Engler's Syllabus der Pflanzenfamilien

1/2 Ascomycota



Borntraeger

13th ed.



Part 1/2 Ascomycota

Syllabus of Plant Families

Wolfgang Frey (Editor)

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Part 1/2 of Engler's Syllabus of Plant Families – **Ascomycota** – provides a thorough treatise of the world-wide morphological and molecular diversity of the fungal phylum Ascomycota.

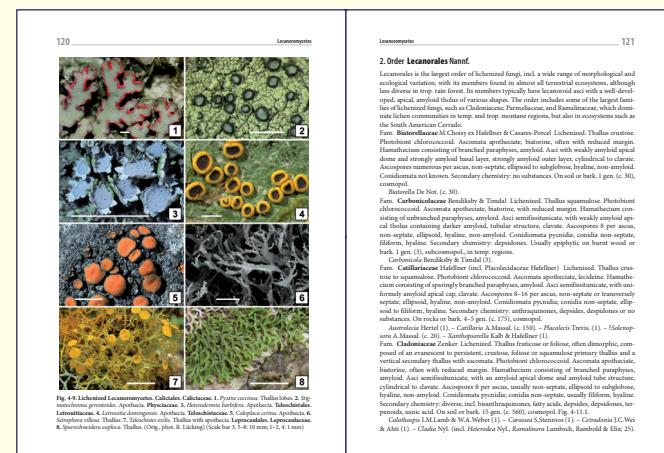
The **Ascomycota** (including lichenized forms) are the most diverse group of fungi, with a fascinating range of morphological and biological variation, distributed from the arctic tundra and subantarctic vegetation formations, to tropical rainforests and semi-deserts, to freshwater and marine ecosystems. The present volume is an updated synthesis of classical anatomical-morphological characters with modern molecular data, incorporating numerous new discoveries made during the last ten years, providing a comprehensive modern survey covering all families and genera of the Ascomycota including detailed family descriptions.

While the Fungi are not part of the Plant Kingdom, they are formally included within the classic Engler's title "Syllabus der Pflanzenfamilien/ Syllabus of Plant Families", which comprised families of blue-green algae, algae, fungi, lichens, ferns, gymnosperms and flowering plants.

The completely restructured and revised 13th edition of **Engler's Syllabus of Plant Families** published in 5 parts and in English language for the first time considers molecular data, which have only recently become available in order to provide an up-to-date evolutionary and systematic overview of the plant and fungal groups treated.

In our "molecular times" there is a vitally important and growing need to preserve the knowledge of the entire range of diversity and biology of organisms for coming generations, as there is a decline in "classical" morphological and taxonomical expertise, especially for less popular (showy) groups of organisms.

Accordingly, the 13th edition of Syllabus of Plant Families synthesizes both modern data and classical expertise, serving to educate future experts who will maintain our knowledge of the full range of Earth's biodiversity.



Sample page from Syllabus of Plant Families Part 1/2

The Syllabus of Plant Families is a mandatory reference for students, experts and researchers from all fields of biological sciences, particularly botany.



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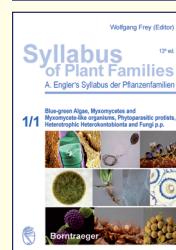
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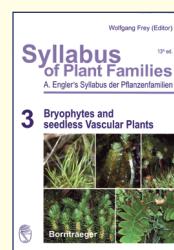


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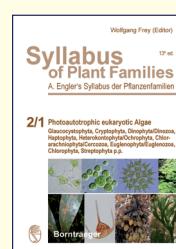


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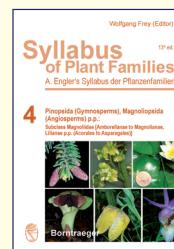


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