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LECTURE NO. 14

Base PART I. PAPER II

CORE CONCEPT OF PTERIDOPHYTE

Classification of pteridophyta II

Equisetinae

Order

- 1. Hyeniales
- pseudoborniales
- sphenophytals
- Calamitales
- Equisetales

Subdivision

4. Pteropsida

Class Filicinae

- Order 1. Coenopteridales
- 2. Ophioglossales
- 3. Marattiiales
- 4. Filicales

Class 2. Gymnospermae

3. Angiospermae

8. Bold (1957) pteridophyta divided into four divisions -

- 1. Psilophyta - psilophytales

## 2. Microphyllphyta —

1. Aglossopsida — Lycopodiales

2. Glogopsida — Selaginellales  
Isoetales3. Arthrophyta — Arthrospida —  
Equisetales

## 4. Pterophyta —

1. Eusporangiopsida —

(i) Ophioglossales

(ii) Marattiales

2. Leptosporangiopsida —  
Filicales