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Class : Deg. - II (Subs.)

Group : A (Angiosperms Taxonomy)

Topic : System of classification of Hutchinson

Lecture No. - 11

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### System of classification of Hutchinson :

John Hutchinson, an eminent British taxonomist, formerly keeper of the Museum of Botany of the Royal Botanical Garden at Kew, England has given the most recent treatment of the classification of flowering plants based on phylogenetic lines. In his "Families of flowering plants" (1926), he has based his classification on Bentham and Hooker and Bessey, introducing much of his own study. Hutchinson has contributed an excellent service to taxonomy by his most careful and critical description of orders and families.

His classification has been a great stimulant to phyletic thinking during the past decade.

It is the modern system of classification and its broad outline is given below :

Sub-Phylum : Dicotyledons

Division 1 : Lignosae

Order 1 : Magnoliales

Families :

- |                      |                     |
|----------------------|---------------------|
| 1. Magnoliaceae      | 2. Illiciaceae      |
| 3. Winteraceae       | 4. Canellaceae      |
| 5. Schizandraceae    | 6. Himantandraceae  |
| 7. Lactoridaceae     | 8. Trochodendraceae |
| 9. Cercidiphyllaceae |                     |

Order 2 : Annonales

Families :

- |                |                   |
|----------------|-------------------|
| 10. Annonaceae | 11. Eupomatiaceae |
|----------------|-------------------|

Order 3 : Laurales

Families :

- |                   |                       |
|-------------------|-----------------------|
| 12. Monimiaceae   | 13. Avstrobaileyaceae |
| 14. Trimeniaceae  | 15. Lauraceae         |
| 16. Gomostegaceae | 17. Hernandiaceae     |
| 18. Myristicaceae |                       |

Order 4 : Dilleniales

Families :

- |                      |                    |
|----------------------|--------------------|
| 19. Dilleniaceae     | 20. Connaraceae    |
| 21. Crossosomataceae | 22. Bournelliaceae |

Order 5 : Coriariales

Family :

- |                  |
|------------------|
| 23. Coriariaceae |
|------------------|

(Continued in next lecture)