

Advance charecter of Orchidaceae

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1. It is an immense family of 20000 species.
2. Plants only herbs that are widely distributed and successfully invaded in various situations. Cosmopolitan all over the globe.
3. Leaves exstipulate.
4. Adventitious roots-variously modified.
5. Flowers of diverse shape, size and colour, small and inconspicuous.
6. Flowers zygomorphic due to labellum, which is variously modified.
7. Epigynous flowers.
8. Reduction in number of stamens to two or one.

9. Adhesion of stamens with style and stigma to form-column.
10. Gynoecium 3, syncarpous and inferior.
11. Reduction in the number of fertile lobes of stigma to 2.
12. Modification of third sterile lobe of stigma into a structure called restellum.
13. Pollen-grains are agglutinate into pollinia.
14. Fruit is a simple capsule.
15. Seeds non-endospermic, minute-and light in weight.