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A CASE STUDY

Study on Rosaceae family

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“What’s in a name? That which we call a rose
By any other name would smell as sweet;”

“The roses in thy lips and cheeks shall fade.....”

Romeo and Juliet
William Shakespeare

INTRODUCTION

Rose comes in the order of dicotyledonous flowering plants, a division of the subclass Rosidae. The classification of the Rosales followed here comprises 24 families totaling approximately 320 genera and 6,700 species.

History:

Angiosperms first appear in the *ebcid:com.britannica.oec2.identifier.IndexEntryContent Identifier?idxStructId=214511&library=EBfossil* record during the early Cretaceous Period, some 144 to 97.5 million years ago. Fossils of the order are particularly frequent in both European and North American formations of Eocene to Pleistocene epochs (57.8 to 1.6 million years ago). Members of all four subfamilies of the Rosaceae

are represented in the fossil record. Till 24 families are recognized, follows the 1981 classification devised by the American botanist Arthur Cronquist. Other authors have divided these 24 families into as many as 42 families distributed among 17 orders.

Rose and human art :

Down the ages roses have been the subject of innumerable poems. From the ‘Rubbaiates’ of Omar Khayyam to Alice in Wonderland and from Wuthering Heights to the Grate expectations roses find mention in some of the best classics of English literature. Not only from the English but from pedestrian to the sub lime; there are literally thousands of works mentioned rose. We get roses in the masterpieces of Rembrandt, Raphale and Renoir.

Rose and legends :

Many legends exist about rose. According to mythology they are then gift to the world by Chloris, the

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