

1. Rosaceae: Taxonomy, Economic Importance, Genomics

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A rose by any other name would smell as sweet.
Shakespeare

A rose is a rose is a rose.
Gertrude Stein

The Rose Family
*The rose is a rose
And was always a rose;
But the theory now goes
That the apple's a rose,
And the pear is, and so's
The plum, I suppose.
The dear only knows
What will next prove a rose.
You, of course, are a rose,
But were always a rose.*

Robert Frost

1 Nomenclature and Taxonomy

1.1 Origins

The magnificent simplicity, or to some, the monotonous consistency, of the actinomorphic flowers of the rose family has been recognized for millennia. The origin of the name rose is summarized in the American Heritage Dictionary (2000):

The English word rose comes from Latin and Old French. Latin *rosa* may be an Etruscan form of Greek *Rhodia*, “Rhodian, originating from Rhodes.” The Attic Greek word for rose

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