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Class : Deg - II (Hons.)

Paper : III (Group - B')

Topic : Family - 'Polygonaceae'

Lecture No. - 42

Date : 10/09/2020

Family : Polygonaceae

• Classification of Family Polygonaceae:

Group : Angiospermae

Class : Dicotyledons

Sub-class : Monochlamydeae

Series : Curve embryo

* Family : Polygonaceae

* Order : Caryophyllales

• Distribution:

It is commonly called buck-wheat or knot-wheat or smartweed family. It contains about 40 genera and 1000 species, mostly distributed in the north temperate regions, a few in tropical, arctic or southern hemisphere.

In India, it is represented about 10 genera and 160 species.

• Vegetative characters :

(2)

• Habit :

These are mostly annual or perennial herbs, rarely shrubs or trees, a few are climbers and twiners.

• Root :

These are tap-root, branched.

• Stem :

These are mostly herbaceous, sometimes woody, conspicuously jointed and swollen at nodes.

• Leaves :

These are simple, entire, alternate and opposite or whorled. They have distinct ~~oche~~ 'Ochreate stipules (a feature characteristic of the family).

• Floral characters :

• Inflorescence :

This may be a raceme or spike, with lateral cymes.

• Flower :

These are small, regular, bisexual and usually hypogynous. They are trimerous (rarely dimerous), cyclic or acyclic and sometimes medianly zygomorphic. Several species are dimorphic.

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