

FAMILY RUBIACEAE

Trees, shrubs and herbs

Leaves opposite or whorled

Leaves simple

Stipules interpetiolar, often leaf-like

Flowers bisexual

Flowers usually actinomorphic

Calyx of 4 or 5 separate sepals

Corolla of 4 or 5 united petals

Androecium of 4 or 5 epipetalous stamens

Gynoecium of 2 united carpels

Ovary inferior

Fruit a capsule or berry

Some Common Names: Bluets, Pentas, Gardenia

Some Important Plants: Ornamentals; Coffee

Member of Subclass Asteridae

Primitive vs. Advanced

	Primitive	Advanced
Sepals		
4-5		x
Separate	x	
Petals		
4-5		x
United		x
Stamens		
4-5		x
Separate	x	
Pistil		
1 pistil		x
2 united carpels		x
Ovary inferior		x
Symmetry		
Actinomorphic	x	