Liliaceae
The Lily Family

16 genera
635 species

Distribution:
Widely distributed in the temperate regions of the Northern Hemisphere

Economic Uses:
- Many ornamentals.

Characteristic features:
- Perennial herbs, rarely branched, usually with bulbs and contractile roots.
- Flowers: often large, bisexual and actinomorphic; 6 distinct tepals, 3 carpels in a superior ovary, 6 stamens; nectaries at base of tepals; spots on tepals; extorse anthers.
- Fruit: a loculicidal capsule, sometimes a berry.
- No onion-like odor.

Common example(s):
- Erythronium: trout-lily – native spring wildflower of woodlands.
- Tulipa: tulips – scapose herbs from tunicate bulbs; stigma prominently 3-lobed.

Reduced Monocot Phylogeny of Required Families

References for further inquiry: