

by their flat or triangular forms. The colors of their flowers are crimson, white and pink. They make a grand show, and their flowers will last a considerable time, if kept in the shade and in a rather low temperature during this season.

*Opuntias*, or prickly pears as they are sometimes called, are round stemmed with flat, oblong branches. Of them there are many species, and many of them are of considerable commercial value. *O. Cochinellifera* and *O. Tuna* are those upon which the Cochineal insect is fed, and from which the dye cochineal is taken. There are several other uses they are put to in fancy work, such as baskets, trays, etc. Two of them are found in our North-West Territories.

*Cereuses* are another numerous class, often called the Tree Cacti on account of the great height attained by them. Some reach as high as sixty feet; some of them run up in straight poles, whilst others branch like a tree. Their stems are in various forms, round, fluted and angular. The most commonly known of them are *C. McDonaldii* and *C. Grandiflorus*. Many of them are night bloomers, flowering only the one night, opening about five p.m. and closing about ten the next morning, some of them very large, measuring as long as twelve and fourteen inches, of the most beautiful and delicate texture and gorgeous colors.

*Mammillarias* may be said to be round balls covered with prickles. The flowers are thrown up from this round ball, but they do not in general attract the same attention by their flowers as the former variety does, but their curious shape always attracts attention. They require a rather better treatment than the others, that is to say not so much of dry treatment, and a richer soil.

*Echinocacti* are very similar to the former in most respects, only they have longer spikes and appear more formidable than the others.

Epiphyllums, called Lobster and Crab's-claw Cacti, are generally found growing on the trunks of trees in their native country Brazil, and they do and look well in a hanging-basket. But they are mostly seen here grafted on the *Pereskia* stocks and other sorts such as *Grandiflorus*. They are very beauti-



PHYLLOCACTUS LATIFRONS.