Summary of Genus Grandiphyllum – Formally Pulvinatum Group of Oncidium

Unlike the Mule-eared orchids in the genus Trichocentrum which occur in Central America and NW South America, the ten species of this group grow primarily in SE Brazil and N Argentina. Phylogenetically, they are in a close sister clade to Trichocentrum. Vegetatively, they resemble the other Mule-ears except for larger pseudobulbs, although still small compared to the leaves, and longer branched inflorescences, up to 4 feet in length. The inflorescences have 4 to 80 flowers. The flowers are resupinate and spurless in typical Oncidium colors and patterns. The lip is usually trilobed and the apical lip is often in turn bilobed. The callus is composed of 2 to 7 finger-like processes.

The Grandiphyllum species were for most of their history included in Oncidium. They have typical Oncidium flower morphology but, they lack a complex tubularized stipe. These species would have been included in the Trichocentrum clade except for the placement of Sanunderesia as sister clade to Trichocentrum.