



# TAXONOMIC TREATMENTS

## Key to the sections of *Odontoglossum*

Pseudobulbs generally with one apical leaf, and generally but not always mottled or spotted with brown or purple. Flowers always yellow, more or less covered by brown spots and blotches; column erect in a ca. 90° angle from the ovary and also away from the lip... ***Oncidioides***

Pseudobulbs generally but not always with two apical leaves, sometimes mottled or spotted with brown or purple. Flowers in various colors, including yellow, brown, pink, red, purple and white, with or without contrasting markings; the lower part of the column straight and generally in the same horizontal plane as the ovary, or in a slightly deviating angle, and then commonly but not always more or less curved towards or away from the lip... **1**

**1a.** Flowers with a stigma divided by the rostellum into two separate lobes... **2**

**1b.** Flowers with an undivided stigma... **3**

**2a.** Flowers generally resupinate and brightly colored in rose pink, orange to red (very rarely yellow), without any contrasting markings on the sepals and petals, and a column with a distinct hood...

***Coloratum***

**2b.** Flowers generally non-resupinate, or if resupinate then less than 1 cm across, pale olive brown to dark brown, or yellow with brown spots, and a column without hood but with large lateral wings, generally but not always with distinct brown spots near the base... ***Parviflorum***

**3a.** Flowers with a lip rigidly attached to the ventral side of the column by a longitudinal and fleshy ridge of various lengths, generally but not always without erect lateral lobes, and a column with a pair of distinct, forward projecting, fleshy parallel lobes below the stigma... ***Lobulatum***

**3b.** Flowers with a column without a pair of distinct, forward projecting, fleshy parallel lobes below the stigma... **4**

**4a.** Flowers with a lip rigidly attached to the base of the column in various ways, commonly through a short, almost triangular structure, sometimes along the ventral flanks as well, or through a longitudinal ventral ridge, and with variously shaped distinct and erect, or indistinct and slightly spreading lateral lobes, or without erect lateral lobes but then with unmarked pink to reddish sepals and petals...

***Canaliculatum***

**4b.** Flowers with the lip attached to the base and for short distances along the ventral and lateral flanks of the column, creating a tube-like structure, then free with a short and flat strap-like tissue functioning as a hinge that makes the front lamina articulate (flexible) without breaking the attachment when pressed downwards... ***Articulatum***