

Report of new cultivar

***Encyvola* ‘Cachita’. Orchid hybrid of wide adaptability to the tropical conditions**

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ABSTRACT

Encyvola, is not a natural genus, it's the result of the pollination among *Brassavola*, native from South America and the Antilles, and *Encyclia*, genus that extends from Mexico and Antillas to Brasil. The hybrids *Encyvola* ‘Cachita’, actually is registered and published in the database of the Royal Horticultural Society of England in *Orchids Review Supplement* 124 (1313), March 2016.

Key words: ornamental plants, cross pollination, flowers, *in vitro* culture, intergereneric hybrid

INTRODUCTION

The production of hybrid orchids through *in vitro* cultivation of seeds, allowed great contributions at the beginning of the XIX century, when numerous and important specimens of high ornamental value began to be marketed. *Encyvola* is the denomination of the intergeneric hybrid between *Brassavola* and *Encyclia*. Perhaps, this type of hybrids favors obtaining plants of wide adaptability to various climates due to their great resistance and versatility.

Origin

Encyvola ‘Cachita’, is the result of the manual cross-polinization carried out in June, 2009 between *Brassavola nodosa* and *Encyclia boucortii* (Figure 1). The hybrid seeds were by *in vitro* cultivation germinated. The first plants began to bloom in December 2015. This new hybrid has a high ornamental and aesthetic potential combining strength, delicacy and beauty of its parents.

Characteristics

Epiphytic plant, at to 25 cm high with pseudobulbs of 1-2 leathery, linear, with obtuse apex of 13.0 -17.5 cm long by 1.0-1.5 wide. Terminal inflorescence having 2-5 flowers. Showy flowers with 9.0 cm wide, sepals and elongated greenish-yellow petals, with 4.0-4.5 long by 0.3-0.5 cm wide. Creamy white lip with numerous fleck and purple spots. Short column.



Figure 1. Front view of the intergeneric hybrid *Encyvola* 'Cachita'