



Brassanthe 'Sophia'. Excelent cubans hybrids of orchid

Brassanthe 'Sophia'. Excelente híbrido de orquídea para Cuba

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ABSTRACT: *Brassanthe*, is not a natural gene, it's the result of the pollination among *Brassavola*, native from South America and the Antilles, and *Guarianthe*, native from Mexico and Central America. The hybrids *Brassanthe* 'Sophia', actually is registered and published in the database of the Royal Horticultural Society of England in *Orchids Review Supplement* 125 (1320), September 2017.

Keys Words: hybrids, genre, pollination.

RESUMEN: *Brassanthe*, no es un género natural, es el resultado de la polinización entre *Brassavola*, originario de Sudamérica y las Antillas, y *Guarianthe*, procedente de México y Centroamérica. El híbrido *Brassanthe* 'Sophia' está registrado y publicado en la base de datos de la Sociedad Hortícola Real de Inglaterra en: *Orchids Review Supplement* 125 (1320), Septiembre 2017.

Palabras clave: híbridos, género, polinización.

INTRODUCTION

The production of hybrid orchids by *in vitro* seed culture has led to great achievements since the beginning of the 19th century, when the commercialization of numerous important orchid hybrids of high ornamental value began. The Royal Horticultural Society of England, in 1960, assumed responsibility for the international registration of hybrid orchids, a task it continues to carry out today.

ORIGIN

Brassanthe 'Sophia', is the result of hand cross-pollination carried out in December 2009 between *Brassavola nodosa* and *Guarianthe hennisiana*. The hybrid seeds were germinated by *in vitro* culture. Flowering of the first plants started in August 2015. This new hybrid has a high aesthetic and ornamental potential.

CHARACTERISTICS

Epiphytic plant, with fusiform and slender pseudobulbs up to 15 cm. Fleshy, bifoliate leaves 1.8- 2.2 cm wide.

Terminal inflorescence with flowers in variable groups at the end of a short floral scape. Showy flowers, 12.0 cm wide, sepals and petals similar, pink with deep purple-magenta nodular spots, 5.5- 6.0 cm long and 1.0-1.2 cm wide. Labellum coiled, narrow and pointed, with faint pink leading edge, followed by a white throat and purple nodular spots over the entire surface. See [Figure 1](#).



Figure 1. View of the new *Brassanthe* 'Sophia' hybrid

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