

**ANATOMI KULIT BATANG POHON ANGSANA (*Pterocarpus indicus* Willd)  
YANG DITUMBUHI ANGGREK MERPATI  
(*Dendrobium crumenatum* Swartz)**

**SKRIPSI SARJANA BIOLOGI**

Oleh

**SARMİYANTI**

**1510422021**

**PEMBIMBING**

**Dr. TESRI MEIDELIZA**



**JURUSAN BIOLOGI**

**FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM**

**UNIVERSITAS ANDALAS**

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## ABSTRACT

Research on the anatomy bark of the angsana (*Pterocarpus indicus* Willd) overgrown with pigeon orchid (*Dendrobium crumenatum* Swart) under the guidance of Dr. Tesri Meideliza were conducted from July to November 2019 at the Plant Development Structure Laboratory, Department of Biology, Faculty of Mathematics and Natural Sciences, Andalas University. This study uses a collection method on the bark of a *Pterocarpus indicus* Willd which is overgrown and not overgrown with *Dendrobium crumenatum* Swartz. Preparations with radial and transverse incisions using microtomes with safranin and melacite green staining by Sass method (1958). Results are presented in the form of images. The tissue of the angsana tree bark (*Pterocarpus indicus* Willd) which holds the roots of the pigeon orchid (*Dendrobium crumenatum* Swartz) is a fellein tissue (cork tissue). Comparison of the number of layers of cells in the trunk tissue compartment of angsana (*Pterocarpus indicus* Willd) overgrown with pigeon orchid (*Dendrobium crumenatum* Swartz) is less than those without pigeon orchid (*Dendrobium crumenatum* Swartz).

Keywords: pheleme, pheloderm, safranin, transverse

