

Cavacoa aurea

<i>Collecting partner</i>	Penelope Drew, Deon Erdey and Patricia Berjak Plant Cell Biology Research Unit School of Life and Environmental Sciences University of Natal, Durban 4041 South Africa			
<i>Collection date</i>	February 1 st 2000			
<i>Seed source</i>	Hawaan Forest, Durban, KwaZulu-Natal			
<i>Initial trials</i>				
<i>Fruit weight</i>	3.06 g			
<i>Seed weight</i>	0.121 g			
<i>Mc of embryo (%)</i>	28.68			
<i>Mc of storage tissue (cotyledons) (%)</i>	11.39			
<i>Initial germination (%)</i>	83			
<i>Desiccation trial</i>				
<i>Mc of axes (after desiccation) (%)</i>	29.75	24.43	19.06	8.34
<i>Mc of cotyledons (after desiccation) (%)</i>	13.46	7.35	5.75	2.06
<i>Germination (%)</i>	20	20	30	20
<i>Mc of controls (axes) after desic.(%)</i>	28.68	21.08	21.39	25.43
<i>Mc of controls (cot.) after desiccation (%)</i>	11.39	8.57	8.06	7.42
<i>Germination of control (%)</i>	83	30	30	60
<i>Comments and conclusions</i>	The desiccation trial did not yield conclusive results, mostly due to the proliferation of seed associated mycoflora. However, the survival of some seeds to an axis moisture content of 8.34% seems to suggest that this species is not recalcitrant. Further investigations will be made.			



Cavacoa aurea fruits