

## Project Update: June 2015

An experiment on adapting *Calyptrochilum christyanum* to charcoal as reproduction medium was installed on May 10th 2015. Individuals of *C. christyanum* were sampled in galleries forest, on *Syzygium guineense*, the main host tree of the orchid. Individuals were placed in plastic baskets filled with charcoal under the shade. Each basket is watered morning and evening with an average of 2 l of water per watering. After 5 days, only 2% of flower buds present on individuals were opened. All buds have faded. However, continuing the observations, new flower buds have appeared with two new flowers opened at the end of 30 days. The charcoal could be a good support for the in vitro reproduction of *C. christyanum*.



Photo 1. Experimentation unit: Charcoal, plastic baskets and *C. christyanum* individual.



Photo 2. *C. christyanum* individual with new flower and flower buds.