

ABSTRACT

Luthfiah Anggraeni, 2022. Differences in the Effect of Planting Media Using Art Glass Planting on the Growth of Betel Gading Silver (*Scindapsus pictus*) Ornamental Plants. First Advisor: Dr. H. Uus Toharudin, M. Pd. and Second Advisor: Ida Yuyu Nurul Hizqiyah, S.Pd, M.Si.

*Betel Gading Silver ornamental plant (*Scindapsus pictus*) is a tropical plant that has a characteristic heart-shaped oval leaf and a matte green color with a silver or white shiny pattern. This ornamental plant is suitable to be cared for at home using art glass planting techniques. The art glass planting is a technique of planting in a glass container. In the care of this plant requires the appropriate planting media. However, the problem that usually arises is because of the high cost of planting media on the market, therefore there is a need for alternative media that is easily obtained by anyone, the supply is abundant and has a low price, such as waste tile fragments, broken bricks, beach sand, and others. The purpose of this study was to determine the difference in the effect of planting media using art glass planting techniques on the growth of Sirih Gading Silver (*Scindapsus pictus*) ornamental plants. This research was conducted at Jalan Pepetek RT 05 RW 03 No. 131, Ciroyom Village, Andir District, Bandung City. This study used a randomized block design (RAK) consisting of 21 samples with 7 treatments, namely K water planting media, T1 gravel planting media, T2 brick and tile planting media, T3 beach sand planting media, T4 poor sand planting media, T5 up-to-date growing media, and T6 hydrogel growing media and with 3 iterations of various growing media. Parameters observed included number of leaves, stem height, root length, and number of shoots. The results of this study are the most effective planting media for the growth of Sirih Gading Silver (*Scindapsus pictus*) ornamental plants using art glass planting, namely planting media for broken bricks and tile because their effects are most effective on the growth of the number of leaves, stem height, and number of shoots. . In addition, climatic factors greatly affect plant growth.*

*Keywords: Ornamental Plants, Planting Media, Betel Gading Silver (*Scindapsus pictus*), Art Glass Planting, Growth.*