

Development of Photo-Based Biology Learning Media for High School Biology Teachers in D.I. Yogyakarta

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ABSTRACT

Learning media serves to improve the quality of the learning process. Biology teachers use a lot of learning media for pictures and photo. Biology teachers get pictures and photos from references or secondary source. There are still a few high school biology teachers who can make photos for learning media. On the other hand, technological advances support biology teachers to be able to make photos as a learning media. This community service program aims to improve the ability of high school biology teachers to make photo learning media. Community service activities are Biology Photography Training/Workshop. The workshop activities are 3 divided events: 1) presentation of the basic concepts of biological photography and photography techniques, 2) assignment of photo hunting of biological objects in the surrounding environment, and 3) making learning media for biology photos. The workshop was attended by 13 high school biology teachers from MGMP DIY. There were 11 photos and learning media that were successfully completed. Participants have understood of basic concepts of biological photography. Participants have sensitivity to objects and biological phenomena in the environment that can be used as a learning media. Participants are able to take photos of biological objects clearly. The capabilities that need to be improved are: 1) aesthetics of biological photos, 2) clarity of parts of biological objects, and 3) packaging photos in learning media.

Kata Kunci: *biology photography, biology object, learning media.*