

INVENTARISASI HAMA DAN PENYAKIT PADA KOLEKSI ARECACEAE (PALEM) DI KEBUN RAYA PURWODADI – LIPI, PASURUAN

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ABSTRACT

*Palms are plant useful for human, actually as carbohydrate, medicine and ornamental plants. Exploitation without conservation will cause destruction. Purwodadi Botanic Garden as institute of conservation ex-situ have duty to save species of palm from endangered and cultivate in garden as collection. In fact this effort meet some problems, such as pest and plant disease attack. This research aim is inventarisatation of pest and plant disease on palms collection to give recommendation for prevention to protect it in the future. Observation done to all palms collection. Pests are attack to palms collection like *Oryctes rhinoceros*, *Rhynchophorus ferrugineus*, *Artona catoxantha*, *Pseudococcus sp.*, and *Sexava nubilalis*. Diseases are attack to palms collection is lethal yellowing.*

Keywords : *palms, conservation, pest, disease*