

ABSTRACT

Dini Marini, 2020. Identification of Epiphytic Ferns in Patenggang Lake Forest Nature Reserve. Guided by Dr. Cartonno, M.Pd., M.T. dan Gurnita, S.Si., M.P.

This research entitled “**Identification of Epiphytic Ferns in Patenggang Lake Forest Nature Reserve**” conducted based on the background of the absence of research on epiphytic ferns in Bandung area, especially in Patenggang Lake Forest Nature Reserve. This research aims to find out the types of epiphytic ferns in Forest Nature Reserve of Patenggang Lake. The research method that use in this research is descriptive method by using research design “*belt transect*” and the method of sampling technique is *purposive sampling*. The data is taken from the spesies of epiphytic ferns and supporting data of environmental factors (light intensity, air temperature, and humidity). The result of research show that the number of epiphytic ferns spesies that picked are 18 species. It includes into 4 classes, 9 families and 14 genus. The types of epiphytic ferns that spread in Forest Nature Reserve of Patenggang Lake are *Davallia denticulata* (Burm. fil.) Mett. ex Kuhn, *Antrophyum reticulatum* (Forst.) Kaulf, *Vittaria ensiformis* Sw, *Asplenium nidus* L, *Huperzia phlegmaria* Rothm, *Asplenium pellucidum* Lam, *Goniophlebium persicifolium* (Desv.) Bedd, *Asplenium cuneatum* Lam, *Belvisia revoluta* (Bl.) Copel, *Drynaria sparsisora* (Desv.) T. Moore, *Selliguea enervis* (Cav.) Ching, *Hymenophyllum javanicum* Spreng, *Adiantum caudatum* L, *Athyrium anisopterus* Christ, *Nephrolepis cordifolia* (Linn.) Presl, *Vittaria graminifolia* Kaulf, *Asplenium tenerum* G. Forst, and *Ctenopteris obliquata* (Bl.) Copel. The type of the host tree that liked by epiphytic ferns in Forest Nature Reserve of Patenggang Lake is *Chincona pubescen* Vahl, *Castanopsis javanica* (Blume) A. DC, *Schima wallichii* (DC.) Korth, *Camellia sinensis* (L.) Kuntze.

Key words: *Forest Nature Reserve of Patenggang Lake, Identification, Epiphytic ferns, Epiphytic support plant.*