

# Analisis pola fenologi dan struktur komunitas dipterocarpaceae di stasiun penelitian way canguk, Taman Nasional Bukit Barisan Selatan, Lampung = Phenological pattern analysis and community structure of dipterocarpaceae in way canguk, research center Bukit Barisan National Park, Lampung

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## Abstrak

Penelitian fenologi dan struktur komunitas Dipterocarpaceae di Stasiun Penelitian Way Canguk (SPWC), Taman Nasional Bukit Barisan Selatan telah dilakukan pada bulan Juli hingga Oktober 2012. Penelitian bertujuan untuk mengetahui pola fenologi dan struktur komunitas Dipterocarpaceae di SPWC, serta mengetahui besar pengaruh pola fenologi terhadap struktur komunitas Dipterocarpaceae di SPWC. Pengamatan fenologi dilakukan secara visual dengan binokular setiap awal bulan oleh Wildlife Conservation Society - Indonesia Program (WCS-IP) sejak Februari 1998. Pengamatan struktur komunitas dilakukan dengan menggunakan metode garis berpetak. Pola fenologi digambarkan dalam bentuk diagram, sedangkan struktur komunitas dalam bentuk tabel dan peta. Hasil penelitian menunjukkan pola musim berbunga Dipterocarpaceae di SPWC adalah subannual, berbeda dengan pola musim berbunga di Kalimantan, Semenanjung Malaysia, dan Sumatra bagian utara. Dipterocarpaceae di SPWC didominasi oleh genus *Dipterocarpus*. Pola mu ...

.....Research about phenology and community structure of Dipterocarpaceae in Way Canguk Research Station (WCRS) had been conducted on July to October 2012. The research aimed to acknowledge phenological pattern and community structure of Dipterocarpaceae in WCRS and also the effect of phenological pattern to community structure of Dipterocarpaceae in WCRS. Phenological observation of blooming, fruiting, and appearance of new leaves was conducted visually by binocular at every early month by Wildlife Conservation Society - Indonesia Program (WCS-IP) since February 1998. The observation of community structure was conducted with transect line, while the observation of community structure was conducted with table and map. The results showed that the phenological pattern of blooming is subannual, Dipterocarpaceae is dominated by genus *Dipterocarpus*, and blooming pattern did not affect community structure of Dipterocarpaceae