

BAB V

KESIMPULAN

5.1 Kesimpulan

Adapun kesimpulan dari penelitian ini meliputi:

1. Jumlah jenis lichen yang di temukan pada transek tegak lurus dan transek sejajar gradien jalan di Blok 3-4 TWA Bipolo, peneliti menemukan 6 jenis lumut kerak yaitu 1 jenis lichen sensitif adalah usnea species dan 5 lichen toleran adalah crustose sp a, crustose, squamulose, foliose dan crustose sp b dengan jumlah 4.095 individu.
2. Faktor abiotik (intensitas cahaya dan kelembaban udara) memberikan pengaruh terhadap indeks lichen pada transek tegak lurus dan transek sejajar gradien jalan di Blok 3 TWA Bipolo. Dimana nilai ($\text{sig} < 0,05$) atau signifikan. Sedangkan faktor abiotik (intensitas cahaya dan kelembaban udara) tidak memberikan pengaruh terhadap indek lichen pada transek tegak lurus dan transek sejajar gradien jalan di Blok 4 TWA Bipolo. Di mana nilai ($\text{sig} > 0,05$) atau tidak signifikan. Dapat disimpulkan bahwa lichen akan tumbuh optimal pada kelembaban udara 80-95% dan juga lichen terdapat dalam jumlah yang berlimpah pada habitat yang berbeda-beda, biasanya pada lingkungan yang agak kering. Lichen akan tumbuh pada batang-batang dan cabang-cabang pohon, batu-batu, dan tanah-tanah gundul dengan permukaan yang stabil.

5.2 Saran

Adapun saran dari penelitian ini meliputi:

1. Perlu dilakukan pendataan secara berkesinambungan terhadap jenis lichen pada TWA Bipolo, sehingga dapat dilakukan pendataan dan dimutakhirkan bila terdapat penambahan jenis lichen.
2. Selanjutnya diharapkan dapat mempelajari kontribusi lichen sebagai bioindikator pencemaran udara, sehingga masyarakat atau pembaca bisa mengetahui manfaat dari lumut kerak.

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