



## 戶外通識教室：空氣清新處才會發現地衣

### Nature's Classroom: Lichen represents fresh air

鴨腳木的樹幹上常附有一筍筍灰白色的印斑，原來是地衣。地衣其實是一種真菌和藻類共生之低等植物，生長緩慢，最怕污濁空氣，故地衣可以說得上是自然界的「指示」生物，有它的地方是空氣清新之明證。藻類會負責進行光合作用；而真菌則負責吸收水份，兩者互惠互利。除樹皮外，地衣也生長在岩石上，甚至荒漠和極地也可發現它的蹤跡。古希臘人用地衣提煉染料；而現代人也可用地衣製造檢測酸鹼度的試紙。

Ivy Tree's trunk often carries grayish white patches, which are lichens—a low level flora formed by symbiotic fungus & algae, very sensitive to manufactured pollutants, it can only survive in unpolluted air, therefore wherever you find it, where the natural environment is good & the air is fresh! Lichens can grow on tree bark, bare rock, sterile soil, sand, desert & even polar region. Lichens can be used to make test paper for acidity.

