

Lichen response to ammonia deposition defines the footprint of a penguin rookery, Biogeochemistry, P.D. Crittenden^{1,5}, C.M. Scrimgeour², G. Minnullina¹, M.A. Sutton³, Y.S. Tang³ and M. R. Theobald⁴;

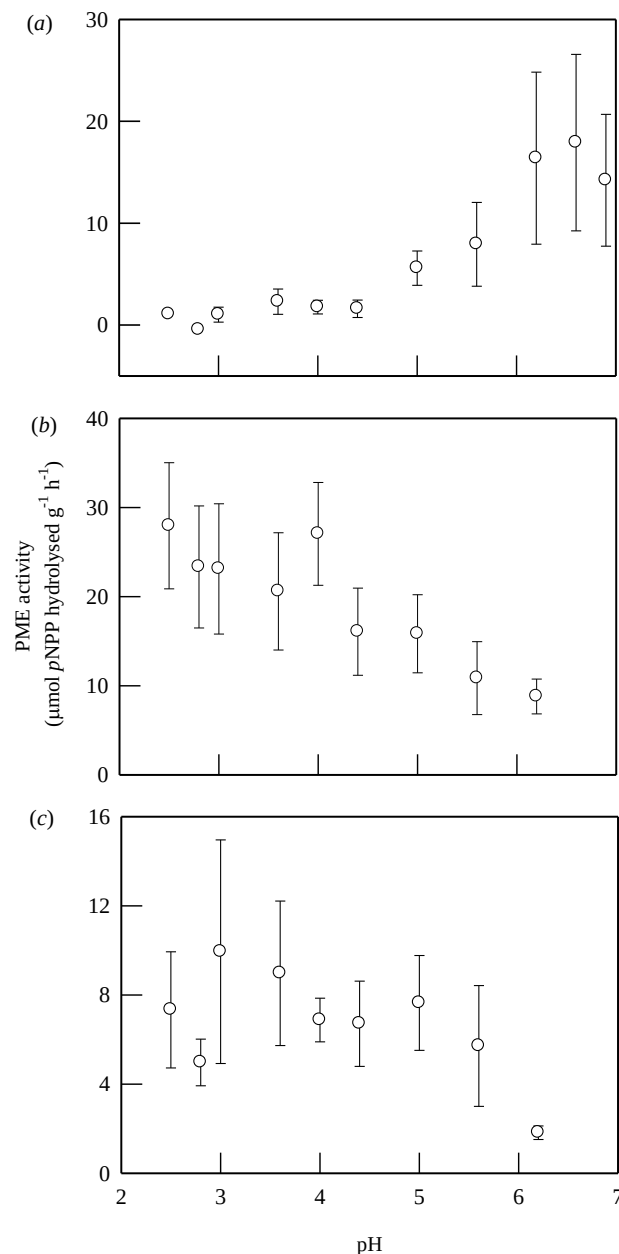
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Relationship between phosphomonoesterase (PME) activity and assay medium pH in *Xanthomendoza borealis* (a), *Usnea sphacelata* (b) and *Umbilicaria decussata* (c). Mean values ($n = 5 - 6$) are plotted ± 1 SE. Assays were performed with 0.5 mM pNPP for 30 min at 5 °C in the dark. The effect of pH was only significant in the case of *X. borealis* ($P < 0.001$, as revealed by ANOVA).