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Recent literature on lichens—212

Adamo, P., R. Bargagli, S. Giordano, P. Modenesi, F. Monaci, E. Pittao, V. Spagnuolo & M. Tretiach. 2007. Natural and pre-treatments induced variability in the chemical composition and morphology of lichens and mosses selected for active monitoring of airborne elements. Environmental Pollution 52(1): 11–19. [Study on Hypnum cupressiforme and Pseudevernia furfuracea from Italy. Specimens exposed in nylon bags to various treatments. “Pre-treatments remarkably changed the chemical composition of selected materials but not their surface morphology. Anyhow, water-washed and oven-dried moss shoots resulted the most suitable material for monitoring trace element deposition in two urban environments.”]


Aznar, J.-C., M. Richer-Laflèche & D. Cluis. 2008. Metal contamination in the lichen Alectoria sarmentosa near the copper smelter of Murdochville, Québec. Environmental Pollution 156(1): 76–81. [Study of heavy metals (Cu, Cd, Pb, As, Ba). “Metal concentrations and Pb isotopic ratios in the lichen Alectoria sarmentosa showed a clear spatial pattern related to a point source emission.”]

Bajpai, R. P. 2008. Quantum nature of photon signal emitted by Xanthoria parietina and its implications to biology. Indian Journal of Experimental Biology 46: 420–423. [“The reproduction of photon count distributions is a credible evidence of spontaneous emission of photon signal in a quantum squeezed state for macroscopic time by the sample. It is suggested that every living system is associated with a photon field in a squeezed state. The suggestion has

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