

COLLECTING THE LIPID FILM FROM THE  
SURFACE LAYER OF FRESHWATER ECOSYSTEMS

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2. Further evaluation of the efficiency of a perspex disc sampler for collecting lipid at the air-water interface.

In this study, the effects of varying the number of contacts (1, 2, 3 and 4) on the efficiency of a standard perspex sampler in removing a lipid layer (olive oil) from the air-water interface was measured.

The Percentage of olive oil recovered increased from 70.18% with one contact to 93.47% with four contacts. Analysis of variance showed that the percentage of olive oil recovered increased significantly with each contact up to the third.