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Vertical distribution of the triple oxygen isotopic compositions of DO in oligotrophic/mesotrophic environments

TSUNOGAI, Urumu^{1*}; MINAMI, Sho¹; SAKUMA, Hiroki¹; KOMATSU, Daisuke¹; NAKAGAWA, Fumiko²

In order to quantify the gross production rate of dissolved oxygen molecules (DO) in hydrosphere beneath thermocline, vertical distributions of the triple oxygen isotopic compositions of DO in oligotrophic/mesotrophic lakes were determined, together with their temporal variations.

Keywords: oligotrophic lake, mesotrophic lake, dissolved oxygen, triple oxygen isotopes, vertical profile, seasonal variation

¹Graduate School of Environmental Studies, Nagoya University, ²Faculty of Science, Hokkaido University