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Analysis of wild animal behavoir by using C, N and O stable isotope ratio

Kenji Wakabayashi[1*], Rumiko Nakashita[4], Shigeyuki Izumiyama[5], Muneoki Yoh[2], Keisuke Koba[3]

[1]Tokyo University of Agri. and Tech., [2]Japan Certification Services, Inc., [3]Shinshu University, [4]Tokyo University of Agri. and Tech., [5]Tokyo University of Agri. and Tech.

In this paper, we used carbon, nitrogen and oxygen isotope ratio of hair to analyze behavoir of Japanese monkey and Asiatic black bear. Animal hair were cut into 5mm parts. Range of oxygen isotope ratio of animals in high elevation was extensive and that of animals in low elevation was intensive. This difference is important for decision whether wild animal lives near town.

Keywords: oxygen stable isotope ratio, elevation, Japanese monkey, Asiatic black bear