

List of scientific papers in 2018 published by field science group in Graduate School of Agricultural Science, Tohoku University

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The Forest-Andisols Group

- Arao, T., T. Makino, A. Kawasaki, I. Akahane and N. Kiho (2018) Effect of air temperature after heading of rice on the arsenic concentration of grain. *Soil Science and Plant Nutrition*, 64: 433-437.
- Binh, H.T., N.V. Ngoc, T.N. Bon, S. Tagane, Y. Suyama and T. Yahara (2018) A new species and two new records of *Quercus* (Fagaceae) from northern Vietnam. *PhytoKeys*, 92: 1-15.
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- Fukasawa, Y. (2018) Temperature effects on hyphal growth of wood-decay basidiomycetes isolated from *Pinus densiflora* deadwood. *Mycoscience*, 59(3): 259-262.
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- Nakazawa, F., Y. Suyama, S. Imura and H. Motoyama (2018) Species identification of *Pinus* pollen found in Belukha glacier, Russian Altai Mountains, using a whole-genome amplification method. *Forests*, 9(8): 444.
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- Takahashi, Y., R.A. Dahlgren, H. Kanno, M. Nanzyo and T. Takahashi (2018) Mechanisms for high potassium selectivity of soils dominated by halloysite from northern California, USA. *Soil Science and Plant Nutrition*, 64: 90-99.
- Takahashi, K., Y. Harakon and Y. Fukasawa (2018) Geographical distribution of myxomycetes living on *Cryptomeria japonica* bark in Japan. *Mycoscience*, 59(5): 379-385.
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- Fukasawa, M., T. Komatsu and Y. Higashiyama (2018) The change of sleeping and lying posture of Japanese black cows after moving into new environment. *Asian-Australasian Journal of Animal Science*, 31(11): 1828-1832.
- Fukasawa, M., T. Komatsu and Y. Higashiyama (2018) Difference in sleeping pattern of dairy cows between summer and autumn. Abstract of "A meeting to a bridge cultural gaps to advance animal welfare worldwide" (International Symposium of Universities of Federation of Animal Welfare 2018 Animal Welfare across Borders). pp. 8
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- Nakai, Y. (2018) Greenhouse gas from domestic animal, "Animal hygiene" Jui eisei-gaku kyoiku kenshu kyogi-kai (Ed.), pp. 393-394, Bunkeido. (in Japanese)
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The Rice Production Group

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- Marine Bio-Production Group**
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- Chow, S., T. Yanagimoto, T. Maruyama, M. Ikeda, N. Matsutani, T. Oonuki and T. Imai (2018) Genetic diversity in freshwater shrimp *Palaemon paucidens*. *Bulletin of the Biogeographical Society of Japan*, 73:1-16. (in Japanese with English abstract)
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