

## 附属演習林

### 【著書】

- 1) 飯塚和也, 「材木の育種」, 生物資源の科学 R2, 68-74, 2020.
- 2) 飯塚和也, 「森林を護る」, 生物資源の科学 R2, 89-94, 2020.
- 3) 大島潤一, 「森林生産のための森づくり」, 生物資源の科学 R2, 75-80, 2020.
- 4) 大島潤一, 「木材の利用」, 生物資源の科学 R2, 81-88, 2020.

### 【論文】

- 1) Erdene-Ochir T, Ishiguri F, Nezu I, Tumenjargal B, Baasan B, Chultem G, Ohshima J, Yokota S, Utilization potential of naturally regenerated Mongolian *Betula platyphylla* wood based on growth characteristics and wood properties, *Silva Fennica*, 54(3), article id 10284, 2020.
- 2) Ishiguri F, Wahyudi I, Takashima Y, Ohshima J, Yokota S, Effects of radial growth rate on anatomical characteristics and wood properties in *Peronema canescens* trees planted in South Kalimantan, Indonesia, *Journal of Tropical Forest Science*, 33(1), 22-19, 2021.
- 3) Ohshima J, Iizuka K, Ishiguri F, Yokota S, Ona T, Representative heights for assessing whole-tree values of cell-type proportions in *Eucalyptus camaldulensis* and *E. globulus*, *Journal of Forestry Research*, 31(3), 885-900, 2020.
- 4) Nezu I, Ishiguri F, Aiso H, Diloksumpun S, Ohshima J, Iizuka K, Yokota S, Repeatability of growth characteristics and wood properties for solid wood production from *Eucalyptus camaldulensis* half-sib families growing in Thailand, *Silvae Genetica*, 69, 36-43, 2020.
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- 7) Sarkhad M, Ishiguri F, Nezu I, Tumenjargal B, Takahashi Y, Baasan B, Chultem G, Ohshima J, Yokota S, Preliminary evaluation for quality of dimension lumber in four common softwoods in Mongolia, *Journal of Wood Science*, 66, 72, 2020.
- 8) Takahashi Y, Ishiguri F, Aiso H, Takashima Y, Hiraoka Y, Iki T, Ohshima J, Iizuka K, Yokota S, Inheritance of static bending properties and classification of load-deflection curves in *Cryptomeria japonica*, *Holzforchung*, 75(2), 105-113, 2021.
- 9) Tumenjargal B, Ishiguri F, Aiso H, Takahashi Y, Nezu I, Takashima Y, Baasan B, Chultem G, Ohshima J, Yokota S, Physical and mechanical properties of wood and their geographic variations in *Larix sibirica* trees naturally grown in Mongolia, *Scientific Reports*, 10, 12936, 2020.

- 10) Tumenjargal B, Ishiguri F, Takahashi Y, Nezu I, Baasan B, Chultem G, Aiso-Sanada H, Ohshima J, Yokota S, Predicting the bending properties of *Larix sibirica* lumber using nondestructive-testing methods, International Wood Products Journal, 11(3), 115-121, 2020.
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【紀要】

- 1) 有賀一広, 林 宇一, 大島潤一, 飯塚和也, 宇都宮大学農学部附属演習林における素材販売実績(2015～2016年), 宇都宮大学演習林報告, 57, 35-40, 2021.
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- 3) Ishiguri F, Aiso H, Aruga K, Ohshima J, Iizuka K, Yokota S, Stress-wave velocity of stems, dynamic Young's modulus of logs, and wood properties in two broad-leaved tree species, Bulletin of the Utsunomiya University Forests, 57, 15-21, 2021.
- 4) 大和田愛, 上森仁絵, 越前雄生, 菊地祥平, 大島潤一, 飯塚和也, 栃木県におけるスギコンテナ苗の初期成長に関する一事例, 宇都宮大学農学部演習林報告, 57, 61-65, 2021.