

Publication list of T. Koike in English

Original paper:

>2014

- (1) Watanabe, M., Hoshika, Y. and Koike, T. (2014) Photosynthetic responses of Monarch birch seedlings to different timing of free air ozone fumigation. Journal of Plant Research, (in press).
- (2) Watanabe, Y., Karaki, T., Kondo, T. and Koike, T. (2014) Seed development of the black locust and physical dormancy in northern Japan. Phyton. (in press)
- (3) Watanabe, M., Kitaoka, S., Eguchi, N., Watanabe, Y., Satomura, T., Takagi, K., Satoh, F. and Koike, T. (in press) Photosynthetic traits and growth of *Quercus mongolica* var. *crispula* sprouts attacked by powdery mildew under free air CO₂ enrichment. European Journal of Forest Research.
- (4) Korteniemi, A-T., Chan, T., Shimizu, Y. and Koike (2014) A role of forest aesthetics in white birch stands with changing environment of production. Studia i Materiały Osrodku Kultury Lesnej 13 (in press)
- (5) Cao D, Shi FC, Koike T, Lu Z and Sun J (accepted) Halophyte plant communities affecting enzyme activity and microbes in saline soils of the Yellow River Delta in China. Journal of Clean- Soil Air Water
- (6) Watanabe, M., Hoshika, Y., Inada, N. and Koike, T. (2014) Canopy carbon budget of Siebold's beech (*Fagus crenata*) saplings exposed to ozone. Environmental Pollution. 184: 682-689.

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- (7) Watanabe, M., Mao, Q., Novriyanti, E., Kita, K., Takagi, K., Satoh, F. and Koike, T. (2013) Elevated CO₂ enhances the growth of hybrid larch F1 (*Larix gmelinii* var. *japonica* × *L. kaempferi*) seedlings and changes its biomass allocation. Trees. DOI: 10.1007/s00468-013-0912-y
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- (10) Watanabe, M., Hoshika, Y., Inada, N., Wang XN, Mao, QZ. and Koike, T. (2013) Photosynthetic traits of Siebold's beech and oak saplings grown under free air ozone exposure in northern Japan. Environmental Pollution. 174: 50-56
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- (12) Mao QZ, Watanabe M, Makoto K, Kita K and Koike T (2013) High nitrogen deposition may enhance growth of the new hybrid larch F₁ growing at two phosphorus levels. Landscape and Ecological Engineering DOI10.1007/s11355-0212-0207-2

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- (13) Hoshika, Y., Watanabe, M., Inada, N., and Koike, T. (2012) Growth and leaf gas exchange in three birch species exposed to elevated ozone and CO₂ in summer. Water, Air, and Soil Pollution, 223: 5017-5025, DOI: 10.1007/s11270-012-1253-y
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- (19) Kawaguchi, K., Watanabe, M., Hoshika, Y. and Koike, T. (2012) Ecophysiological responses of Northern Birch Forests to changing atmospheric environment, Asian Journal of Atmospheric Environment 6:196-205
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