

II. 査読付き学術論文

1. 西村尚之・山本進一・千葉喬三：都市近郊コナラ林の構造と動態（I）林分構造とコナラの個体群特性. 日本緑化工学会誌 16(1) : 8-17, 1990.
2. 西村尚之・白石高子・山本進一・千葉喬三：都市近郊コナラ林の構造と動態（II）林内における3年間のコナラ実生の動態. 日本緑化工学会誌 16(4) : 31-36, 1991.
3. 西村尚之・白石高子・山本進一・千葉喬三：林内地床処理がコナラ実生の発生と生存に及ぼす影響. 第102回日本林学会大会発表論文集 429-432, 1991.
4. 西村尚之・山本進一・千葉喬三：都市近郊コナラ林の構造と動態（III）リターフオール量の年変動と季節変化. 日本緑化工学会誌 18(2) : 95-103, 1992.
5. 西村尚之・山本進一・千葉喬三：都市近郊コナラ林におけるリターフオール量. 第103回日本林学会大会発表論文集 391-392, 1992.
6. Hara, T., Nishimura, N. & Yamamoto, S. : Tree competition and species coexistence in a cool-temperate old-growth forest in southwestern Japan. *Journal of Vegetation Science* 6: 565-574, 1995.
7. Yamamoto, S., Nishimura, N. & Matsui, K. : Natural disturbance and tree species coexistence in an old-growth beech-dwarf bamboo forest, southwestern Japan. *Journal of Vegetation Science* 6: 875-886, 1995.
8. Yamamoto, S. & Nishimura, N. : A survey on the canopy gaps and gap phase replacement in an old-growth beech-dwarf bamboo forest, Wakasugi Forest Reserve, southwestern Japan. *Japanese Journal of Forest Environment* 37(2): 94-99, 1995.
9. 西村尚之・大田武志・坂本圭児・千葉喬三：コナラとアベマキの実生の成長に及ぼす光と土壌水分の影響. 日本緑化工学会誌 23(4) : 220-227, 1998.
10. Yamamoto, S. & Nishimura, N. : Canopy gap formation and replacement pattern of major tree species among developmental stages of beech (*Fagus crenata*) stands, Japan. *Plant Ecology*, 140: 167-176, 1999.
11. Manabe, T., Nishimura, N., Miura, M. & Yamamoto, S. : Population structure and spatial patterns for trees in a temperate old-growth evergreen broad-leaved forest in Japan. *Plant Ecology* 151: 181-197, 2000.
12. Hoshino, D., Nishimura, N. & Yamamoto, S. : Age, size structure and spatial pattern of major tree species in an old-growth *Chamaecyparis obtusa* forest, Central Japan. *Forest Ecology and Management* 152: 31-43, 2001.
13. Miura, M., Manabe, T., Nishimura, N. & Yamamoto, S. : Forest canopy and community dynamics in a temperate old-growth evergreen broad-leaved forest, south-western Japan: a 7-year study of a 4-ha plot. *Journal of Ecology* 89: 841-849, 2001.

14. Hoshino, D., Nishimura, N. & Yamamoto, S. : Dynamics of major conifer and deciduous broad-leaved tree species in an old-growth *Chamaecyparis obtusa* forest, central Japan. *Forest Ecology and Management* 159: 133-144, 2002.
15. Nishimura, N., Hara, T., Miura, M., Manabe, T. & Yamamoto, S. : Tree competition and species coexistence in a warm-temperate old-growth evergreen broad-leaved forest in Japan. *Plant Ecology* 164: 235-248, 2003.
16. Hoshino, D., Nishimura, N. & Yamamoto, S. : Effects of canopy conditions on the regeneration of major tree species in an old-growth *Chamaecyparis obtusa* forest in central Japan. *Forest Ecology and Management* 175: 141-152, 2003.
17. Torimaru, T., Tomaru, N., Nishimura, N. & Yamamoto, S. : Clonal diversity and genetic differentiation in *Ilex leucoclada* M. patches in an old-growth beech forest. *Molecular Ecology* 12: 809-818, 2003.
18. Miyadokoro, T., Nishimura, N. & Yamamoto, S. : Population structure and spatial patterns of major trees in a subalpine old-growth coniferous forest, central Japan. *Forest Ecology and Management* 182: 259-272, 2003.
19. Asai, T., Hoshino, D., Nishimura, N. & Yamamoto, S. : Effects of disturbance history on the structure and dynamics of an old-growth *Chamaecyparis – Thujopsis* forest in central Japan. *Nagoya Univ. For. Sci.* 22: 1-12, 2003.
20. Miyadokoro, T., Nishimura, N., Hoshino, D. & Yamamoto, S. : Dynamics of forest canopy and major tree populations over nine years in a subalpine old-growth coniferous forest, central Japan. *Ecoscience* 11: 130-136, 2004.
21. Asuka, Y., Tomaru, N., Nishimura, N., Tumura, Y. & Yamamoto, S. : Heterogeneous genetic structure in a *Fagus crenata* population in an old-growth beech forest revealed by microsatellite markers. *Molecular Ecology* 13: 1241-1250, 2004.
22. Henbo, Y., Itaya, A., Nishimura, N. & Yamamoto, S. : Long-term canopy dynamics in a large area of temperate old-growth beech (*Fagus crenata*) forest: analysis by aerial photographs and digital elevation models. *Journal of Ecology* 92: 945-953, 2004.
23. Nishimura, N., Hara, T., Kawatani, M., Hoshino, D. & Yamamoto, S. : Promotion of species co-existence in old-growth coniferous forest through interplay of life-history strategy and tree competition. *Journal of Vegetation Science* 16:549-558, 2005.
24. Henbo, Y., Itaya, A., Nishimura, N. & Yamamoto, S. : Long-term canopy dynamics analyzed by aerial photographs and digital elevation data in a subalpine old-growth coniferous forest. *Ecoscience* 13: 451-458, 2006.
25. Torimaru, T., Tani, N., Tsumura, Y., Nishimura, N. & Tomaru N. : Effects of kin-structured seed dispersal on the genetic structure of the clonal dioecious shrub *Ilex*

leucoclada. Evolution 61: 1289-1300, 2007.

26. Kisanuki, H., Oguro, H. Nakai, A., Setsuko, S., Nishimura, N. & Tomaru, N. : The soil seed bank of the threatened plant *Magnolia stellata* is subordinate to the emergence of current-year seedlings. Journal of Forest Research 13 : 143-146, 2008.
27. 鈴木節子・西村尚之・戸丸信弘：シデコブシ当年生実生の消長とそれに影響を及ぼす環境要因. 中部森林研究 56 : 5 - 8, 2008.
28. 星野大介・オールドフォレスト・愛知森林管理事務所・西村尚之・鳥丸 猛・中川弥智子・戸丸信弘・山本進一：段戸モミ・ツガ植物群落保護林の 34 年間の林分動態. 中部森林研究 56 : 21 - 24, 2008.
29. 星野大介・壁谷大介・齋藤智之・松下通也・西村尚之・山本進一：赤沢自然休養林 奥千本における 24 年間の林分動態 . 中部森林研究 57 : 1-4, 2009.
30. Torimaru, T., Nishimura, N., Matsui, K., Hara, T. & Yamamoto, S. : Variations in resistance to canopy disturbances and their interactions with the spatial structure of major species in a cool-temperate forest. Journal of Vegetation Science 20: 944-958, 2009
31. Nakamori, Y., Torimaru, T., Hoshino, D., Yamamoto, S. and Nishimura, N. : Variation in tree mortality, recruitment, and mean turnover rates between topographic positions in a temperate coniferous forest. Japanese Journal of Forest Environment 51: 117-125, 2009.
32. 小串重治・西村尚之・中川弥智子・戸丸信弘：海上の森における地質、微地形、土地利用が植生構造に及ぼす影響. 名古屋産業大学論文集 15 : 35-48, 2009. (査読なし)
33. Nishimura, N., Kato, K., Sumida, A., Ono, K., Tanouchi, H., Iida, S., Hoshino, D., Yamamoto, S. and Hara, T. : Effects of life history strategies and tree competition on species coexistence in a sub-boreal coniferous forest of Japan. Plant Ecology 206: 29-40, 2010.
34. Matsushita, M., Tomaru, N., Hoshino, D., Nishimura, N. and Yamamoto, S. : Factors affecting the production, growth, and survival of sprouting stems in the multi-stemmed understory shrub *Lindera triloba*. Botany 88: 174-184, 2010
35. 中本隆之・西村尚之・星野大介・松下通也・三村晴彦・木佐貫博光・山本進一：赤沢ヒノキ林における群状択伐 24 年後のヒノキ稚樹天然更新の状況. 中部森林研究 58 : 55-58, 2010.
36. 岡田知也・中川弥智子・西村尚之・小串重治・戸丸信弘：海上の森における暖温帯里山二次林の林分構造. 中部森林研究 58 : 61-64, 2010.
37. 王 楠・加藤正人・山本進一・西村尚之・星野大介：赤沢自然休養林の樹木成長予測モデルの開発. 中部森林研究 58 : 139-140, 2010.

38. 石原正恵ほか西村尚之：モニタリングサイト 1000 森林・草原調査コアサイト・準コアサイトの 毎木調査データの概要, 日本生態学会誌 60 : 111-123, 2010.
39. Toda, M., Takata, K., Nishimura, N., Yamada, M., Miki, N., Nakai, T., Kodama, Y., Uemura, S., Watanabe, T., Sumida, A. and Hara, T.: Simulating seasonal and inter-annual variations in energy and carbon exchanges and forest dynamics using a process-based atmosphere-vegetation dynamics model. *Ecological Research* 26: 105-121, 2011.
40. Yamamoto, S., Nishimura, N., Torimaru, T., Manabe, T., Itaya, A. & Bece, K. : A comparison of different survey methods for assessing gap parameters in old-growth forests. *Forest Ecology and Management* 262: 886-893, 2011.
41. 岡田充弘・小山泰弘・西村尚之・平岡裕一郎・山本進一：北八ヶ岳地域の亜高山性針葉樹林におけるシカによる樹幹剥皮. *中部森林研究* 60 : 137-138, 2012.
42. Wang, N., Katoh, M., Yamamoto, S., Nishimura, N. & Hoshino, D. : Development of tree growth prediction with gray model in an old-growth *Chamaecyparis obtusa* stand, in the Akazawa Forest Reserve. *International Research Journal of Plant Science* 3 : 164-173, 2012 (Oct).
43. Nan Wang, 加藤正人, 山本進一, 星野大介, 西村尚之：高分解能衛星データを用いた赤沢ヒノキ老齢林バイオマス推定, *中部森林研究* 61:117-118, 2013(May).
44. Nan Wang, Masato Katoh, Shin-ichi Yamamoto Naoyuki Nishimura and Daisuke Hoshino : Prediction model for suitable sites of tree growth in an old-growth *Chamaecyparis obtusa* stand, in the Akazawa forest reserve. *Int. Res. J. Plant Sci.* 4: 198-207, 2013 (Jul).
45. Nan Wang, Masato Katoh, Shin-ichi Yamamoto Naoyuki Nishimura and Daisuke Hoshino : Applications of the New Remote Sensing Method to the Forest Biomass Estimation in an Old - Growth *Chamaecyparis Obtusa* Stand, in the Akazawa Forest Reserve. *International Journal of Sciences*, 2:1-13 ,2013 (Aug).
46. Songqiu Deng, Masato Katoh, Shin-ichi Yamamoto, Naoyuki Nishimura and Daisuke Hoshino : Long-term effect of typhoon disturbance on carbon storage capability in an old-growth forest dominated by *Chamaecyparis obtusa* in central Japan, *International Research Journal of Plant Science* 4 : 288-301, 2013 (Dec).
47. Matsushita, M., Hoshino, D., Yamamoto S. & Nishimura, N. : Twenty-three years of stand dynamics in an old-growth *Chamaecyparis* forest in central Japan. *Journal of Forest Research* 19 : 134-142, 2014.
48. Inanaga, M., Nakanishi, A., Torimaru, T., Nishimura, N. & Tomaru, N. : Distance-dependent but genetically random mating in a Japanese beech (*Fagus crenata*)

population. *Botany* 92: 795-803, 2014

49. Borjigin S., Kawada K., Nishimura N., Kamijo T. & Nakamura T. : Effects of deferred spring grazing on vegetation of the Xilingol grassland, *日本砂丘学会誌* 60(3), 115-128, 2014.
50. 西村尚之, 赤路康朗, 鈴木 智之, 長谷川成明, 小野清美, 隅田 明洋, 原 登志彦, 飯田 滋生, 関 剛, 倉本恵生, 杉田久志, 中弥智子, 松下通也, 廣部 宗 星野大介・稲永 路子, 山本進一 : 北方針葉樹林におけるトウヒ属 *Picea* とモミ属 *Abies* の稚樹の動態に及ぼす林床環境の影響, *低温科学* 73 : 7-19, 2015.
51. Tran Van Do, Tamotsu Sato, Satoshi Saito, Osamu Kozan, Hiromi Yamagawa, Dai Nagamatsu, Naoyuki Nishimura, Tohru Manabe : Effects of micro-topographies on stand structure and tree species diversity in an old-growth evergreen broad-leaved forest, southwestern Japan. *Global Ecology and Conservation* 4 : 185–196 , 2015 (Jul) .
52. Michinari Matsushita, Suzuki Setsuko, Ichiro Tamaki, Michiko Nakagawa, Naoyuki Nishimura, Nobuhiro Tomaru : Thinning operations increase the demographic performance of the rare subtree species *Magnolia stellata* in a suburban forest landscape, *Landscape and Ecological Engineering* 12:179-186,2016 (Jul).
53. 渡辺直登, 岡田知也, 戸丸信弘, 西村尚之, 中川弥智子 : 愛知県海上の森におけるナラ枯れ被害林分の森林動態, *日本森林学会誌* 98:273-278, 2016 (Dec).
54. Satoshi N. Suzukia, Tomonori Tsunoda, Naoyuki Nishimura, Junko Morimoto, Jun-ichirou Suzuki : Dead wood offsets the reduced live wood carbon stock in forests over T 50 years after a stand-replacing wind disturbance, *Forest Ecology and Management* 432: 94-101,2019 (Jan).
55. Junko Morimoto, Toshihiro Umebayashi, Satoshi Suzuki, Toshiaki Owari, Naoyuki Nishimura, Satoshi Ishibashi, Masato Shibuya, Toshihiko Hara: Long-term effects of salvage logging after a catastrophic wind disturbance on forest structure in northern Japan. *Landscape and Ecological Engineering* 15:133-141, 2019 (Mar).
56. Atsushi Nakanishi, Tomoe Takeuchi, Saneyoshi Ueno, Naoyuki Nishimura & Nobuhiro Tomaru Spatial variation in bird pollination and its mitigating effects on the genetic diversity of pollen pools accepted by *Camellia japonica* trees within a population at a landscape level, *Heredity* 124:170-181, 2020 (Sep).
57. 杉田久志, 九島宏道, 三村晴彦, 楯直頭, 今村正之, 早川幸治, 森澤猛, 酒井武, 齋藤智之, 西村尚之, 星野大介 : ササを欠く林分における抜き伐り施業によるヒノキ天然更新の成績評価, *日本森林学会誌* 103: 207-214, 2021 (Jun).
58. Tetsuo I. Kohyama, Douglas Sheil, I-Fang Sun, Kaoru Niiyama, Eizi Suzuki, Tsutom

Hiura, Naoyuki Nishimura, Kazuhiko Hoshizaki, Shu-Hui Wu, Wei-Chun Chao, Zamah S. Nur Hajar, Joeni S. Rahajoe & Takashi S. Kohyama : Contribution of tree community structure to forest productivity across a thermal gradient in eastern Asia, *Nature communications* 14:1113, 2023 (Mar).

59. 平岡裕一郎, 西村尚之, 小山泰弘, 岡田充弘, 柳澤賢一, 鈴木智之, 新其楽 函 : 北八ヶ岳における亜高山帯針葉樹林に及ぼすニホンジカの影響—20年間の観測に基づく森林動態—, *日本森林学会誌* 105 : 216-224, 2023(Jun).