

REFERENCES

Ateroffa and Rada, 2000

Ataroff M. and Rada F., Deforestation Impact on Water Dynamics in a Venezuelan Andean Cloud Forest, A Journal of the Human Environemt, 29(7): 440-444, Royal Swedish Acedemic of Science, 2000

Attiwill, 1994

Attiwill P. M., The disturbance of forest ecosystem: the ecological basis for conservative management, Forest ecology and management, Vol. 63, 1994, 247 - 300

Balch *et al.*, 2008

Balch J.K., Nepstad D.C., Brando P.M., Curran L.M., Portela O., Carvalho Jr. O. and Lefebvre P., Negative fire feedback in a transitional forest of sountheastern Amazonia, Global change biology (2008) 14, 2276 – 2287

Barlow et al., 2003

Barlow J. P., Peres C. A., Lagan B.O. and Haugaasen T., Large tree mortality and the decline of forest biomass following Amazonian wildfires, Ecol. Lett., Vol. 6, 2003, 6 -8

Bernhardt and Leslie, 2013

Bernhardt J. R. and Leslie H. M., Resilience to climate change in costal marine ecosystems, the annual review of marine science, Vol. 5, 2013, 371 - 392

Bond and Keane, 2017

Bond W. J. and Keane R. E., Fires, Ecological effects of, Elsevier Inc., 2017

Bond and Midgley, 2001

Bond W. J. and Midgley J.J., Ecology of sprouting in woody plants: the persistence niche, *Trend in ecology and evolution*, Vol. 16, No. 1, 2001, 45 - 51

Bova and Dickinson, 2005

Bova A.S. and Dickinson M. B., Linking surface-fire behavior, stem heating, and tissue necrosis, *can.J. For. Res.*, Vol. 55, 2005, 814 - 822

Bruijnzeel *et al.*, 2011

Bruijnzeel L. A., Scatena F. N. and Hamilton L. S., Factors controlling rates of forest recovery and management solution, *Tropical montane cloud forest: science for conservation and management*, 2011, 102 – 109

Burton *et al.*, 2010 Burton O.J., Phillips B.L. and Travis J.M.J., Trade-offs and the evolution of life-histories during range expansion, *Ecology letters*, (2010) 13, 1210 – 1220

Cerda and Robichaud, 2009

Cerda A. and Robichaud P.R., Fire regime and resilience: the fire regime-resilience coupled model, *Fire effects on soils and restoration strategies*, 257 – 298.

Clarke *et al.*, 2012 Clarke P. J., Lawes M. J., Midgley J. J., Lamont B. B., Ojeda F., Burrows G. E., Enright N. J. and Knox K. J. E., Resprouting as a key functional trait: how buds, protection and resources drive persistence after fire, *New phytologist*, Vol 197, 2013, 19-35

Cochrane *et al.*, 1999

Cochrane M.A., Alencar A., Schulze M.D., Souza Jr. C.M., Nepstad D.C., Lefebvre P and Davidson E.A., Positive feedbacks in the fire dynamics of closed canopy tropical forests, *sciencemag*, vol. 284, 1832 – 1835

Cochrane, 2001 Cochrane M. A., Spreading like wildfire - tropical forest fires in Latin American and the Caribbean: prevention, assessment and early warning (United Nations Environment Program (UNEP), 2001

Cochrane, 2003 Cochrane M., Fire science for rain forest, Nature publishing group, volume 421, 2003, 913 – 919

Delang, 2002 Delang C. O., Deforestation in Northern Thailand: The result of Hmong farming practices or Thai development strategies?, 2002, 483-501

Delang, 2002 Delang. C. O., Deforestation in Northern Thailand: The result of Hmong farming practices or Thai development strategies, *Society and Natural resources*, Vol 15, 2002, 483-501.

Duckinson *et al.*, 2004

Dickinson M. B., Jolliff J. and Bova A. S., Vascular cambium necrosis in forest fires using hyperbolic temperature regime to estimate parameters of a tissue-response model. *Australia Journal of botany*, Vol.52, 2004, 757 - 763

Elliott *et al.*, 2003 Elliott S. , Navakitbumrung P. , Kuarak C. , Zangkum S. , Anusarnsunthorn V. and Blakesley D., Selectinf framework tree species for restoring seasonally dry tropical forest in northern

- Thailand base on field performance, Forest Ecology and management, Vol 184, 2003, 177 – 191
- Elliott *et al.*, 2013 Elliott S. D., Blakesley D. And Hardwick K., Restoring tropical forest: a practical guide, Royal botanic garden, Kew, 2013
- FORRU, 2006 Forest Restoration Research Unit, how to plant a forest: The principles and practice of restoring tropical forest, Biology department, Science faculty, Chiang Mai University, 2006.
- Frois *et al.*, 2008 Frois. N., Chan T. Y. W., Kaunisvesi L. K., Mitterer M., Omoro L. M. A., Tolonen A. A. J., Mulyani Y. A. M. and Songchan R., Forest ecosystem restoration in Northern Thailand, FORRSA RE_2 Field Course: Tropical forest landscape restoration in southern Asia, 2008, 1-41.
- Gunderson, 2000 Gunderson L. H., Ecological resilience - in theory and application, Ann. Rev. Ecol. Syst., Vol. 31, 2000, 425-439
- Gustafsson *et al.*, 2016 Gustafsson M., Gustafsson L., Alloysius D., Falck J., Yap S., Karlsson and Ilstedt U., life history traits predict the response to increased light among 33 tropical rainforest tree species, Forest ecology and management 362 (2016), 20-28
- Hoffman *et al.*, 2003 Hoffman W. A. , Orthen B. , Kielse P. and Nascimento V. D. , Comparative fire ecology of tropical savanna and forest trees, Functional ecology, 2003, 17, 720 – 726

Hoffmann *et al.*, 2012

Hoffmann W. A., Geiger E. L., Gotsch S. G., Rossatto D. R., Silva L. C. R., Lau O. L., Haridasan M. and Franco A. C., Ecological thresholds at the savanna-forest boundary: how plant traits, resources and fire govern the distribution of tropical biomes, *Ecology letter*, Vol. 15, 2012, 759-768

Hoffmann, 1996 Hoffmann W. A., The effects of fire and cover on seedling establishment in Neotropical savanna, *British ecological society*, 1996, 383-393

Holling, 1973 Holling C. S., Resilience and stability of ecology system. *Annu. Rev. Ecol. Syst*, Vol 4, 1973, 1-23

Holling, 1973 Holling C.S., Resilience and stability of ecological systems, *Institute of research ecology*, 1973, 1-23

ICEM, 2003 ICEM., Protected areas and development: lessons from Thailand, Lessons leadership in Cambodia, Lao PDR, Thailand and Vietnam. Review of Protected Areas and Development in the Lower Mekong River Region. Indooroopilly, Queensland, Australia, 2003, 61 – 83

Jackson *et al.*, 1999 Jackson F. J., Adams D.C. and Jackson U.B., Allometry of constitutive defense: a model and a comparative test with tree bark and fire regime, *the American naturalist*, Vol. 153 (6), 1999

Johnson *et al.*, 2002

- Johnson P. S., Shifley S. R. and Rogers R., The ecology and silviculture of oaks, CABI publishing, 2002
- Junpen *et al.*, 2013 Junpen A. J., Garivait S. and Bonnet S., Estimating emissions from forest fires in Thailand using MODIS active fire product and country specific data, Asia-Pacific J. Atmos. Sci., Vol 49(3), 2013, 389 - 400
- Kamyong *et al.*, 2003
- Kamyong S., Lykke A. M., Seramethakun D. and Barfod A. S., Species composition and vegetation structure of an upper montane forest at the summit of Mt. Doi Inthanon, Thailand., Nordic Journal of Botany, February, 2003
- Kauffman, 1991 Kauffman J. B., Survival by sprouting following fire in tropical forests of the eastern Amazon, Biotropica 23(3), 219-224
- Kiianmaa, 2005 Natural regeneration and ecological succession in *Pinus kesiya* watershed plantations in northern Thailand: implications for plantation management, University of Helsinki, Department of forest ecology
- Laurance W. F., 2007
- Forest destruction in tropical Asia, current science, Vol. 93, NO 11
- Lawes and Clarke, 2011
- Lawes M. J. and Clarke P. J., Ecology of plant resprouting: populations to community responses in fire-prone ecosystems, Plant ecology, Vol. 212, 2011, 1937 - 1943

- Lawes *et al.*, 2011a Lawes M. J., Adie H., Russell-Smith J., Murphy B. and Midgley J. J., How do small savanna trees avoid stem mortality by fire? The roles of stem diameter, height and bark thickness, *Ecosphere*, 2011, volume 2(4), 1-13
- Lawes *et al.*, 2011b Lawes M.J., Richards A., Dathe J. and Midgley J.J., Bark thickness determines fires resistance of selected tree species from fire-prone tropical savanna in north Australia, *Plant ecology: Sprouting ecology*, 2011
- Lentile *et al.*, 2007 Lentile L. B., Morgan P., Hudak A. T., Bobbitt M. J., Lewis S. A., Smith A. M. S. and Robichaud P. R., Post-fire severity and vegetation response following eight large wildfires across the western united states, *Fire ecology special issue*, Vol. 3, No.1, 2007, 91-108
- Lentile *et al.*, 2007 Lentile L. B., Morgan P., Hudak A. T., Bobbitt M. J., Lewis S. A., Smith A. M. S. and Robichaud P. R., Post-fire severity and vegetation response following eight large wildfires across the western united states, *Fire ecology special issue*, Vol. 3, No.1, 2007, 91-108
- Luukkane O., 2001 The vanishing and rappearing tropical forest: forest management and land use in Thailand. In: Myllyantaus T and Saikku M (ed) *Encountering the past in nature: Essays in environmental history*, pp. 74 – 93. Ohio University Press, Athens.
- Marod *et al.*, 2002 Marod D., Kutintara U., Tanaka H. and Nakashizuka T., The effects of drought and fire on seed and seedling dynamics in a tropical seasonal forests in Thailand, *Plant ecology* 161, 41-57, 2002

Marrinan *et al.*, 2005

Marrinam M.J., Edwards W. and Landsberg J., Resprouting of saplings following tropical rainforest fire in north-east Queensland, Australia, *Austral Ecology* (2005) 30, 817 – 826

Maxwell and Elliott, 2001

Maxwell J. F. and Elliott S., Vegetation and vascular flora of Doi Sutep- Pui National park, northern Thailand, *Thai studies in Biodiversity*, No. 5, 2001, 1-205

Michaletz *et al.*, 2011

Michaletz S. T., Johnson, E. A. and Tyree M. T., Moving beyond the cambium necrosis hypothesis of post-fire tree mortality: cavitation and deformation of xylem in forest fires, *New phytologist*, Vol. 194, 2011, 254 -263

Midgley *et al.*, 2010

Midgley J. J., Kruger L. M. and Skelton R., How do fire kill plants? The hydraulic death hypothesis and Cape Proteaceae “fire-resisters”, *South African journal of botany*, Vol. 77, 2010, 381-386

Nieuwstadt and Sheil, 2005

Nieuwstadt M. G. L. and Sheil D., Drought, fire and tree survival in a Borneo rain forest, East Kalimantan, Indonesia, *Journal of ecology*, Vol. 93, 2005, 191-201.

Nieuwstadt *et al.*, 2001

Nieuwstadt M. G. L., Sheil D., Kartawinata K., The ecological consequences of logging in the burned forests of East Kalimantan, Indonesia, *Conservation biology*, Vol 15 (4), 2001, 1183-1186.

Nobel, 2005

Nobel P. S., *Physicochemical and environmental plant physiology*, Elsevier academic press., 2005

Office of natural resources and environmental policy and planning, 2009

Office of natural resources and environmental policy and planning, Thailand: National report in the implementation of the convention on biological diversity, Ministry of natural resources and environment, 2009, 76

Ongpresert, 2011

Onprasert P., *Forest Management in Thailand*, International forestry cooperation office, 2011

Padgham, 2014

Padgham B. L. T., *Examining spurces of ecological resilience to climate change for restoration planning*, 2014

Pinard *et al.*, 1999

Pinard M.A., Putz F.E and Licona J.C., Tree mortality and vine proliferation following a wildfire in a subhumid tropical forest in eastern Bolivia, *Forest ecology and management* 116 (1999), 247 – 252

Poorter *et al.*, 2010

Poorter L., Kitajima K., Mercado P., Chubina J., Melgar I., Prins HHT., *Resprouting as a persistence strategy of tropical forest trees: relations with carbohydrate storage and shade tolerance*, *Ecology*, Vol 91, 2010, 2613-2627

Royal Forestry Department, 2009

Royal Forestry Department, Forest management in Thailand,
International forestry cooperation office, 2009

Santisuk, 2006 Santisuk T., Forest in Thailand, The Forest Herbarium (BKF),
National park, wildlife and plant conservation department of
Thailand, 2006, 33-38.

Schmoldt *et al.*, 1999

Schmoldt D. L., Peterson D. L., Keane R. E., Lenihan J. M., McKenzie
D., Weise D. R. and Sandberg D. V., Assessing the effects of fire
disturbance on ecosystem: A scientific agenda for research and
management, United states department of agriculture – Forest
service, General technical report PNW-GTR-455, 1999

SER, 2004

Society for Ecological Restoration (SER), The SER international
primer on ecological restoration, 2004, 1-13

Setterfield, 2002

Setterfield S. A., Seedling establishment in an Australian tropical
savanna: effects of seed supply, soil disturbance and fire, Journal of
applied ecology, Vol. 39, 2002, 949-959.

Setterfield, 2002

Stterfield S. A., Seedling establishment in an Australian tropical
savanna: effects of seed supply, soil disturbance and fire, Journal of
applied ecology, 2002, 949-959

Shibata *et al.*, 2016

Shibata R., Kurokawa H., Shibata M., Tanaka H., Lida S., Masaki T.
and Nakashizuka T., Relationships between resprouting ability,

species traits and resource allocation patterns in woody species in a temperate forest, *Functional ecology*, Vol. 30, 2016, 1205-1215.

Slik and Eichhorn, 2003

Slik J.W.F. and Eichhorn K.A.O., Fire survival of lowland tropical rain forest trees in restoration to stem diameter and topographic position, *Oecologia* (2003) 137, 446 – 455

Standish *et al.*, 2014

Standish R. J., Hobbs R. J., Mayfield M. M., Bestelmeyer B. T., Suding K. N., Battaglia L. L., Eviner V., Hawkes C. V., Temperton V. M., Cramer V. A., Harris J. A., Funk J. L. and Thomas P. A., Resilience in ecology: abstraction, distraction, or where the action is?, *Biological Conservation*, Vol. 177, 2014, 43-51.

Stanturf *et al.*, 2014 Stanturf J.A., Palik B. J and Dumroese R. K., Contemporary forest restoration: A review emphasizing function, forest ecology and management 331 (2014), 292-323

Swain, 1992 Swaine M.D., Characteristics of dry forest in West Africa and the influence of fire, *Journal of vegetation science* 3, 1992, 365 – 374

Vaidhayakarn and Maxwell, 2010

Vaidhayakarn C. and Maxwell J. F., Ecological status of the lowland deciduous forest in Chang Kian valley, Chiang Mai University, northern Thailand, *Maejo International Journal of Science and technology*, Vol 4(02), 2010, 268-317

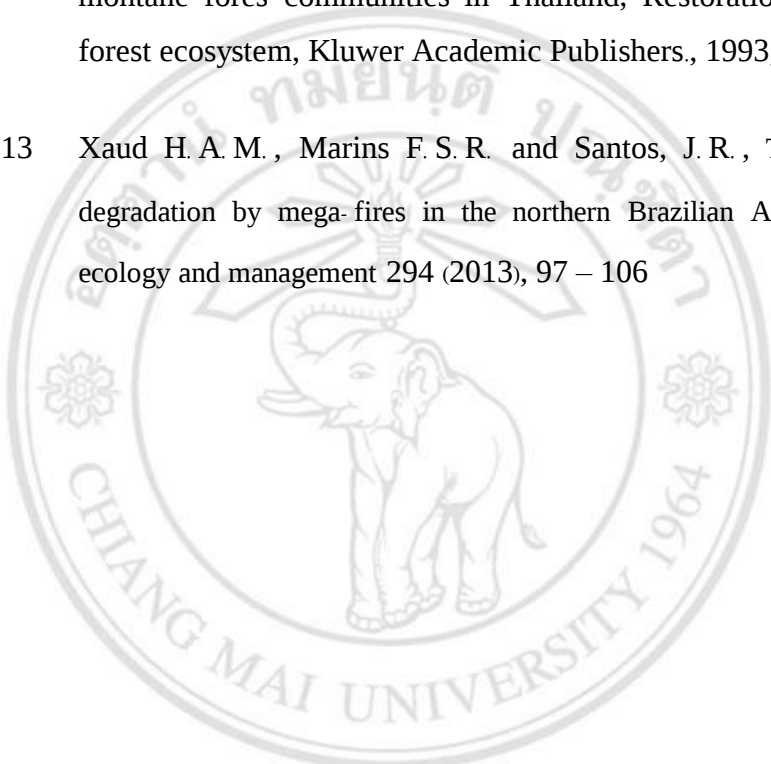
Vesk and Westoby, 2004

Vesk P. A. and Westoby M. , Sprouting ability across diverse disturbances and vegetation types worldwide, *Journal of ecology* 2004, 92, 310 – 320

Werner and Santisuk, 1993

Werner W.L. and Santisuk T. , Conservation and restoration of montane forest communities in Thailand, *Restoration of tropical forest ecosystem*, Kluwer Academic Publishers., 1993, 193-202.

Xaub *et al.*, 2013 Xaud H. A. M. , Marins F. S. R. and Santos, J. R. , Tropical forest degradation by mega-fires in the northern Brazilian Amazon, *Forest ecology and management* 294 (2013), 97 – 106



ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright© by Chiang Mai University
All rights reserved