

2006 The invasion of *Leucaena leucocephala* in abandoned areas in the past decades

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Publications

- Chao, Wei-Chun, Guo-Zhang M. Song, Kuo-Jung Chao*, Chi-Cheng Liao, Su-Wei Fan, **Shan-Huah Wu**, Tsung-Hsin Hsieh, I-Fang Sun, Yau-Lun Kuo, Chang-Fu Hsieh. Lowland rainforests in southern Taiwan and Lanyu, at the northern border of paleotropics and under the influence of monsoon wind. (*In press*)
- Shan-Huah Wu**, Yung-Ching Teng, Zhenyu Li, Hao-Ting Sun, Chang-Fu, Hsieh, Shu-Miaw Chaw, Tzu-Yu Yang*. 2009. Patterns of plant invasions in China: Taxonomic, biogeographic, climatic approaches and anthropogenic effects. (*Biological invasions*, In revision)
- Wu, S. H.**, Tsai, J. K., Sun, H. T., Chen, C. F., & Chiou, C. Y. **2009**. Patterns of plant invasions in the preserve and recreation areas of Shei-Pa National Park in Taiwan. *Botanical Studies* 50: 217-227.
- Wu, S. H.**, Chang, C. Y., Tsai, J. K., Chen, C. F., Liu, Y. Y., Deng, Y. C., and Hsieh. T. H. **2009**. A Newly Naturalized Species in Taiwan: *Pilea nummulariifolia* (Swartz) Weddell. *Taiwania* 54: 179-182.
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- Chao, W. C., Fan, S. W., **Wu, S. H.**, Lin, H. Y., Hsieh, C. F., and Chao, K. J. **2008**. Distribution Patterns of Tree Species in a lowland rain forest at Nanjen Lake, Southern Taiwan. *Taiwania*. 53(2): 124-133..
- Chao, W.C., **Wu, S. H.**, Lin, H. Y., Hsieh, C. F. and Chao, K. J. **2007**. Distribution patterns of tree species in Lanjenchi lowland rain forest. *Taiwania*, 52, 343-351.
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- Koh, C. N., Lee, P. F. & **Wu, S. H.** **2006**. Does the distribution of breeding bird species richness in Taiwan follow the mid-domain effect? *Taiwania*, 51, 108-116.
- P.F. Lee, K.Y. Lue, and **S. H. Wu***. **2006**. Predictive Distribution of Hynobiid Salamanders in Taiwan. *Zoological Studies* 45: 244-254.
- Wu, S. H.**, Rejmánek, M., Grotkopp, E. & Ditomaso, J. M. **2005**. Herbarium records, actual distribution, and critical attributes of invasive plants: genus *Crotalaria* in Taiwan. *Taxon* ,55, 133-138.

- Wu, S. H. & Wang, H. H. 2005.** Potential Asteraceae invaders in Taiwan: Insights from the flora and herbarium records of casual and naturalized alien species. *Taiwania* 50: 62-70.
- Wu, S. H., Hsieh, C. H. & Rejmánek, M. 2004.** Catalogue of the naturalized flora of Taiwan. *Taiwania*, 49, 16-31.
- Wu, S. H., Rejmánek, M., Hsieh, C. H., & Chaw, S. M. 2004.** Plant invasions in Taiwan: Insights from the flora of casual and naturalized alien species. *Diversity and Distribution* 10, 349-362.
- Wu, S. H., Chaw, S. M. & Rejmánek, M. 2003.** Naturalized Fabaceae (Leguminosae) species in Taiwan: the first approximation. *Bot. Bull. Acad. Sin.*, 44, 59-66.

International meetings

- 2009** **Shan-Huah Wu.** Introduction of the National Investigation of Invasive Plants in Taiwan. The first symposium of national investigation of invasive species in Taiwan. Taipei, Taiwan.
- 2008** **Shan-Huah Wu, et al.** Insights of biodiversity on species distributions in the tropical forests. ESA annual meeting, Milwaukee, USA.
- 2005** **Shan-Huah Wu, et al.** Plant Invasions in Taiwan. Biodiversity seminar under auspices of National Science Council, Taiwan and Polish Academy of Sciences, Warsaw, Poland.
- 2005** **Shan-Huah Wu, Pei-Fen Lee, & Marcel Rejmánek.** Oral presentation: Environmental factors determined the invasions of four naturalized *Crotalaria* species (Leguminosae) in Taiwan (Fabaceae). 2005 ESA, Montreal
- 2005** **吳姍樺 & Marcel Rejmánek.** 植物標本資料庫在入侵植物生態學上的應用：以台灣豆科野百合屬歸化植物為例。中國，北京。
- 2004** **Wu, S. H. & Rejmanek, M. (2004).** Oral presentation: Using herbarium records to approach plant invasions in the field: An example from Taiwan, genus *Crotalaria* (Fabaceae). 2004 ESA, Portland.

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1973 MS Institute of Botany, National Taiwan University
1969 BS Department of Biology, Tunghai University

Professional experiences

2003 Professor Institute of Ecology and Evolutionary Biology, National Taiwan University
1995 Professor Department of Botany, National Taiwan University
1984 Associate Professor Department of Botany, National Taiwan University
Professor

Projects

- 2009 International Collaboration and Promotion of Taiwan e-Learning and Digital Archives Program —Digitization of Historic Museum Collections from Taiwan Deposited in Other Countries. NSC
- 2009 The digitization of plant specimens and historical botanical literature of Taiwan. NSC
- 2009 National Investigation of Invasive Plants in Taiwan. Forest Bureau

Publications

Chao, Wei-Chun, Guo-Zhang M. Song, Kuo-Jung Chao, Chi-Cheng Liao, Su-Wei Fan, Shan-Huah Wu, Tsung-Hsin Hsieh, I-Fang Sun, Yau-Lun Kuo, Chang-Fu Hsieh. Lowland rainforests in southern Taiwan and Lanyu, at the northern border of paleotropics and under the influence of monsoon wind. *Plant Ecology* (in press).

Chiou, C.-R., Song, G.Z.M., Chien, J.H., Hsieh, C.F., Wang, J.C., Chen, M.Y., Liu, H.Y., Yeh, C.R., Hsia, Y.J. & Chen, T.Y. The northeast monsoon, rather than the heat retention

- mechanism of Massenerhebung, determines altitudinal distribution patterns of plant species in Taiwan. *Botanical Studies* (in press).
- Tseng, Y. H., Hsieh, C. F., & Hu, J. M. 2008. Incidences and ecological correlates of dioecious angiosperms in Taiwan and its outlying Orchid Island. *Botanical Studies*. 49: 261-276.
- Su, Sheng-Hsin, C. H. Chang-Yang, C. L. Lu, C. C. Tsui, T. T. Lin, C. L. Lin, W. L. Chiou, L. H. Kuan, Z. S. Chen and C. F. Hsieh. 2007. Fushan Subtropical Forest Dynamics Plot: Tree Species Characteristics and Distribution Patterns. Taiwan Forestry Research Institute. TFRI Extension Series No. 177.
- Chao, W. C., Wu, S. H., Fan, S. W., Lin, H. Y., Hsieh, C. F. & Chao, K. J. 2008. Distribution patterns of tree species in a lowland rainforest at Nanjen Lake, southern Taiwan. *Taiwania* 53 (2): 124-133.
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- Su, M. H., Tsou, C. H. & Hsieh, C. F. 2007. Morphological comparisons of Taiwan native wild tea plant (*Camellia sinensis* (L.) O. Kuntze forma *formosensis* Kitamura) and two closely related taxa using numerical methods. *Taiwania* 52 (1):70-83.
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International meetings

- 2008** Chao, K. J., Chao, W. C. & Hsieh, C. F. 2008. Vegetation of the lowland tropical rainforests in Taiwan. In: Mucina, L. et al. (eds), *Frontiers of Vegetation Science—An Evolutionary Angle*. p. 33. Keith Phillips Images, Somerset West.
- 2008** Chao, W. C., Chao, K. J., Wu, S. H. & Hsieh, C. F.. 2008. Spatial patterns of tree species in the Nanjenshan lowland rainforests in Taiwan: insights into monsoon wind effect. In: Mucina, L. et al. (eds), *Frontiers of Vegetation Science—An Evolutionary Angle*. p. 34. Keith Phillips Images, Somerset West.
- 2007** Fan, S. W., Cheng, Y. B., & Hsieh, C. F. 2007. Understorey vegetation of

a subtropical rain forest in Nanjeshan Reserve, Southernmost Taiwan. The 49th Annual Conference of the International Association for Vegetation Science. p. 13. Palmerston North, New Zealand, February 12 – 16. 2007.

- 2007** Lin, C. Y., Chao, K. J. & Hsieh, C. F. 2007. Vegetation composition and structure of lowland tropical rainforests of southern Taiwan and Orchid Island. The 49th Annual Conference of the International Association for Vegetation Science. p. 23. Palmerston North, New Zealand, February 12 – 16. 2007.

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Research

- 1.** Forest Management
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Doctor of Philosophy in Forest Sciences.

National Taiwan University, Taiwan. *Sep. 1987 – Jun. 1989.*

Master of Science in Agriculture, Department of Forestry.

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Experiences

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Taiwan Forestry Research Institute,
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Feb. 1995 – Oct. 1995.

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