

Conifer

2017
국립수목원
국제심포지엄

2017년 10월 24~25일

국립수목원

주최 산림청, 국립수목원



초대의 글

Conifer는 전 세계적으로 630여 분류군이 분포하며, 산림을 이루는 주요 우점종 및 경제수종입니다. 우리나라에는 28분류군이 전국에 분포하고, 산림의 41%를 차지하고 있습니다. 그러나 최근 기후변화로 인해 고산지역 침엽수 분포역이 점점 줄어들면서 절멸 위기에 처해있는 상황입니다. 우리에게는 소중한 생물자원을 후손들에게 물려주어야 할 의무가 있으며, 식물에는 국경이 없기에 어느 한 지역만의 노력으로는 지켜낼 수 없습니다.

이에 국립수목원에서는 산림청 개청 50주년을 기념하여, 쇠퇴해 가는 침엽수 보전에 대한 학술적 교류를 위하여 『Conifer』 라는 주제로 『2017 국립수목원 국제 심포지엄』을 개최합니다. 이번 심포지엄은 국내외 전문가들을 초청하여 관련 정보를 공유하고 현안 이슈들에 대한 생산적 대안을 논의하는 뜻 깊은 자리가 될 것입니다.

미래 세대를 위한 침엽수 보전 방향을 제시하고, 국내 및 아시아지역 수준의 다양한 시각의 접근 및 고산 생태계의 희귀식물 보전 전략을 마련할 수 있도록, 여러분의 적극적인 참여를 부탁드립니다. 감사합니다.

국립수목원장 **이유미**

Tuesday, 24 October

Time	Program	Venue
09:30~10:30	Registration	
10:30~11:00	Opening Remark	
11:00~11:40	Plenary Lectures: Dr. Aljos Farjon (Royal Botanic Garden, UK)	
11:40~12:20	Plenary Lectures: Dr. Woo-Seok Kong (Kyunghee University, Korea)	
12:20~13:30	LUNCH provided by KNA	
S1 : Taxonomy and Phylogeny of Conifers		
Moderator: Chang Gee Jang (Kongju National University, Korea)		
13:30~14:00	Taxonomic Significance of Cuticle Micromorphology in Pine Leaves (Sung Soo Whang, Chonbuk National University, Korea)	Audio-Visual Hall (2F)
14:00~14:30	Evolutionary History of Juniperus and Cupressus Sensu Lato (Kangshan Mao, Sichuan University, China)	
14:30~15:00	Inferring Phylogeny and Speciation of Juniperus Chinensis and Related Species in the Korean Peninsula (Keum Seon Jeong, Korea National Arboretum, Korea)	
15:00~15:30	BREAK	
15:30~16:00	Out of Western North America ---- inferred from molecular phylogeny of Abies (Pinaceae) (Qiaoping Xiang, Institute of Botany, Chinese Academy of Sciences, China)	
16:00~16:30	Phylogeography of Abies Koreana and A. Nephrolepis (Pinaceae) in Korea (Jong-Cheol Yang, Korea National Arboretum, Korea)	
16:30~17:00	Biodiversity, Distribution and Conservation on Conifer Species in Uzbekistan (Natalya Yu. Beshko, Institute of Botany of the Academy Sciences of Uzbekistan, Uzbekistan)	
17:00~18:00	Session Discussion	
S2 : Insect Diversity and Coniferous Forest		
Moderator: Il Kwon Kim (Korea National Arboretum, Korea)		
13:30~14:00	Taxonomy of Monochamus (Coleoptera: Cerambycidae), Insect Vectors of Pine Wilt Disease and Natural Enemies in South Korea (Jongok Lim, Korea National Arboretum, Korea)	Special Exhibition Hall (1F)
14:00~14:30	The Biodiversity of Scolytid Beetles (Coleoptera) from Coniferous Forests in Korea (Sangwook Park, Research Institute of Forest Insect Diversity, Korea)	
14:30~15:00	History of Forest Pests in Korean Conifer (Won Il Choi, National Institute of Forest Science, Korea)	
15:00~15:30	Ground Beetles (Coleoptera: Carabidae) Assemblages in Conifers in Korea (Jong-Kook Jung, National Institute of Forest Science, Korea)	
15:30~16:00	BREAK	
16:00~16:30	Ant Biodiversity in Coniferous Forests in Japan: comparison among the forest ant communities in the different climatic zones (Mamoru Terayama, University of Tokyo, Japan)	
16:30~17:00	Lepidoptera Associated with Conifers in the New World (John W. Brown, National Museum of Natural History, USA)	
17:00~17:30	Biodiversity of Xylophagous and Phloeophagous Insects in Hungarian Coniferous Forests (Ferenc Lakatos, University of Sopron, Hungary)	
17:30~18:00	Session Discussion	
18:00~20:00	Welcome Reception	Forest Museum Hall (1F)

Wednesday, 25 October

Time	Program	Venue
09:00~09:30	Registration	
S3 : Conservation of Conifers in a Changing World		
Moderator: Woo Seok Kong (Kyung Hee University, Korea)		
09:30~10:00	Understanding of Recent Ecosystem Changes for Rational Conifer Conservation in South Korea as an Emerging Forest Landscape (Yong-Chan Cho, Korea National Arboretum, Korea)	Audio-Visual Hall (2F)
10:00~10:30	Microbiota Decussata Kom. Current State of the Species and Research Perspectives (Iliia Bogachev, Botanic Garden-Institute FEB RAS, Russia)	
10:30~11:00	Range Shift and Introgression of Three Japanese Abies Species: insights from genomic analysis and species distribution modelling (Kentaro Uchiyama, Forestry and Forest Products Research Institute, Japan)	
11:00~11:30	Conservation of Forest Genetic Resources in Mongolia (Nyam-Osor Batkhuu, National University of Mongolia, Mongolia)	
11:30~12:00	Conservation and Restoration Measures of Endangered Conifers in Alpine Area (Sangick Lee, Korea Forest Service, Korea)	
12:00~12:20	Session Discussion	
12:20~13:30	LUNCH provided by KNA *Poster Session	
S4 : Recovery and Re-introduction of Rare Plants		
Moderator: Yong Shik Kim (Yeungnam University, Korea)		
13:30~14:00	The Success and Failures of Plant Re-introductions: a review of case-studies from the RSG global re-introduction perspective series (Pritpal S. Soorae, IUCN/SSC Re-introduction Specialist Group, UAE)	Special Exhibition Hall (1F)
14:00~14:30	Traits, Techniques, and Habitat: understanding the determinants of success in rare plant reintroductions (Matthew Albrecht, Missouri Botanical Garden, USA)	
14:30~15:00	Conservation and Species Recovery Programme of Korean Ladieslipper in Korea (Sungwon Son, Korea National Arboretum, Korea)	
15:00~15:30	Case Study of Restoration Projects of Rare Species in Korea (Jae-Geun Kim, Hwanghaksan Arboretum, Korea)	
15:30~16:00	A Brief Introduction to Chinese Guideline on Reintroduction Practice of Rare and Endangered Plants (Nan Li, Fairy Lake Botanical Garden, Shenzhen & Chinese Academy of Science, China)	
16:00~16:20	BREAK	
16:20~17:00	Plenary Lectures: Andrej Boncina (University of Ljubljana, Slovenia)	
17:00~17:10	Closing Remarks	
S5 : The Relationship between Botany and Botanical Art		
Moderator: Ji Yeon Koo (Korean Society of Botanical Illustrators, Korea)		
09:30~10:10	Botanical Art of Korea National Arboretum (Jee-Yeon Koo, Korean Society of Botanical Illustrators, Korea)	Special Exhibition Hall (1F)
10:10~10:50	Illustration as a Source of Botanical Information (Jin Murata, The University of Tokyo, Japan)	
10:50~11:30	Botanical Art: the 20th century renaissance (Beverly Allen, Royal Botanic Garden Sydney, Australia)	
11:30~12:10	Contemporary Botanical Illustration (Robin A. Jess, New York Botanical Garden, USA)	
12:10~12:20	Session Discussion	
12:20~13:30	LUNCH provided by KNA *Poster Session	
14:00~16:00	Gwangneung Forest Tour	