

Poster presentations at the 8th EAFES (P1: 21 April, P2: 22 April)

Poster ID	First Name of 1st author	Family Name of 1st author	Title
P1-1	Kota	Sakagami	Relationship between floral tube length and proboscis length in nocturnal moths: Do long-tongued moths visit long-tubed flowers?
P1-2	Ryo	Yasui	Ectomycorrhizal fungi in Nansei Islands; The comparison between Takashima-Islands and Hikushima-Islands
P1-3	Yuka	Iguchi	Natural hybridization between Japanese two nominal medaka species observed in the Yura River basin, Japan
P1-4	Yusuke	Horinouchi	Equal size cell divisions during gametogenesis in the marine green alga, <i>Monostroma angicava</i> .
P1-5	Masataka	Nakayama	The microbial community structures of surface soil and organic layer of three different types of forests in northeast of Japan
P1-6	Naohiro	Ishii	The spatial genetic structure of mountainous populations in endangered gentian <i>Gentiana yakushimensis</i>
P1-7	Yuiko	Noguchi	Height-related changes in hydraulic structure of old <i>Cinnamomum camphora</i> : tradeoff between hydraulic conductivity and safety
P1-8	Jason H.	Preble	Tracking and Acoustic Luring of the Ryukyu Tube-nosed Bat <i>Murina ryukyuana</i>
P1-9	Keitaro	Umemura	Hybridization between endangered bitterling species in natural water area.
P1-10	Haruna	Ohsaki	Does phenotypic plasticity in the leaves of host plants promote resource partition between leaf beetles?
P1-11	Mingyu	Liu	Are stray Tibetan mastiffs a potential threat to snow leopards on the Tibetan Plateau?
P1-12	Chikae	Iwaoka	The soil prokaryotic community under halophytic tamarisk shrubs compared to barren areas and herbaceous patches in drylands
P1-13	Seung Kyung	Lee	Endozoochorous seed dispersal by Korean water deer
P1-14	Takako	Nakada	Sapling crown structure and leaf morphology vary with light condition in 3 Japanese canopy species
P1-15	Wataru	Higashikawa	Grass and water preference in oviposition behaviors by the endangered dragonfly <i>Sympetrum pedemontanum elatum</i> in Japan
P1-16	Michihiko	Takahashi	Relationship between the expression of doublesex gene and the female-limited color polymorphism in the damselfly <i>Ischnura senegalensis</i>
P1-17	HIIRAGI	KATSUURA	Water uptake depth of the trees in an aseasonal tropical rainforest: Referring to root morphology and flowering frequency
P1-18	Takuro	Katori	The Effect of Climate and Growth form on Diversification and Distribution of Flowering plants
P1-19	SiHyun	Park	Difference in growth characteristics of perennial vine <i>Aristolochia contorta</i> by its support type
P1-20	Satsuki	Tsuji	Detection of genetic diversity of a fish population using environmental DNA metabarcoding: Analysis strategies for eliminating sequence
P1-21	Taro	Nojiri	Prenatal Development of Cochlear Morphology and Use of Ultrasonic Sound by Horseshoe Bat
P1-22	Wei	Dai	Biofilm stable isotopes as indicators of water environments monitoring in urban rivers
P1-23	MAXIME	MARRE	Microbial communities on flowers <i>Mallotus japonicus</i>
P1-24	Shinnosuke	Kagiya	How do genetically-diverse mutualists interact with a tree individual in the wild?
P1-25	Sakiko	YAMAJI	Distribution and Structure of the diving beetle communities in the paddy field area of the Kamiina district, Nagano Prefecture, central Japan
P1-26	Miho	NAKAHARA	Structure and habitat conditions of the rare plant communities on the river side grassland vegetation in the Tenryu-gawa River system, Nagano Prefecture, Japan
P1-27	Hyun Young	Yang	Effects of tidal restriction on the plastic responses of <i>Bolboschoenus planiculmis</i> (tuberous bulrush)
P1-28	Minori	Yamada	Distribution and habitat condition of the endangered species <i>Eusphingonotus japonicus</i> in the Kamiina district, Nagano Prefecture, in Central Japan
P1-29	BO EUN	LEE	Study on the food web in reservoir inhabited by <i>Hydrochara affinis</i>
P1-30	NAYEONG	KIM	A Study on the Correlation between Bird Species Diversity and Green Patch Characteristics in Urban Area

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P1-31	Soyeon	Cho	Nationwide Synchronized Flowering of <i>Sasa borealis</i> through Five National Parks in Korea
P1-32	Long	Qin	Allelopathic effects of eight woody species for revegetation in semiarid area of China
P1-33	Tomoki	Aota	Detection of <i>Anolis carolinensis</i> with Deep Neural Network: Effective tools for controlling invasive species
P1-34	Natsuko	Tanikawa	Visible–near infrared spectral reflectance explains variations in fine root traits of 12 woody species
P1-35	Guanglan	Cao	Changes in plant species composition and diversity during secondary succession in abandoned paddy fields –A case study in the area of Tumen River downstream, Northeast China.
P1-36	Shunsuke	Kanamori	Detection of genes involved in adaptive evolution to hot–open habitat in Cuban <i>Anolis</i> lizards
P1-37	Bo Eun	Nam	Temperature elevation and precipitation decline shorten ?flowering period of vernal species
P1-38	Yusuke	Oda	Morphological response of zooplankton to changing environments: enlargement of filter–screen area of <i>Daphnia galeata</i> induced by crowding cues from conspecifics
P1-39	Satoru	Matsubara	Dispersal of the flightless leaf beetle <i>Phaedon brassicae</i> : Do the larvae move more frequently among the host plants than the adults?
P1-40	Se Hyeok	Im	Environmental factors determining the inhabitation of <i>Hydrochara affinis</i>
P1-41	Donovan A.	Anderson	A Comparison of Methods to Derive Aggregated Transfer Factors: Tested Using Wild Boar Data From the Fukushima Prefecture
P1-42	JIAN	ZHANG	Trade–offs,Synergies,Losses of Ecosystem Services in Cultivated Land: A case study applied to Tumen River Basin,CHINA
P1-43	Uchu	Yamakawa	Local–scale genetic structure and kinship in the sleeper goby, <i>Eleotris oxycephala</i> , an amphidromous migratory fish, in Sagami–gawa River System, Japan.
P1-44	Soo In	Lee	Rehabilitation and management of thirteen endangered species introduced with different growth stages in abandoned rice paddy field of three hydrological gradient
P1-45	CRUSTY	TINIO	Parentage analysis of juveniles and seedlings in <i>Parashorea malaanonan</i>
P1-46	Ran–Young	Im	Current status and inventory of inland wetlands in South Korea
P1-47	Minwoo	Oh	Facilitative effects of cushion plant <i>Silene acaulis</i> in the high Arctic, Svalbard
P1-48	Gyeongwon	Baek	Fertilization responses on soil CO <sub>2</sub> efflux rates of <i>Pinus densiflora</i> and <i>Quercus variabilis</i> stands in Korea
P1-49	Hayato	Sawada	Spawning characteristics of life–history polymorphic landlocked Ayu fish in Lake Biwa as revealed by stable isotope analysis
P1-50	Hiroshi A.	Akitaya	Identification of novel single nucleotide polymorphisms and genetic analysis of morphological variation in the sika deer ( <i>Cervus nippon</i> )
P1-51	Atsushi	Sugano	Serpentine mountain uplift in northern Japan triggered the divergence of a narrow endemic from a widespread (sub)arctic Asia–Alaska species complex of <i>Lagotis</i> (Plantaginaceae)
P1-52	Tzu–Chien	Kuo	Are distributions of breeding birds along analogous climatic gradients have similar range limits?
P1-53	Mi Young	Moon	Characterizing distribution patterns of Coleoptera assemblages at streams on the Korean nationwide scale
P1-54	Tomonobu	Nonoyama	The measurement of the light captured in the numerical simulation forest.
P1-55	Yudai	Kitagami	Characterization of soil nematode communities of coastal and inland coniferous forests in Japan
P1-56	I–Wen	Chen	Predicting potential distribution of <i>Anolis sagrei</i> in Taiwan by using Species distribution model?
P1-57	JONGHEE	KIM	A Study of Ecological Forest Establishment Technique in Urban Park
P1-58	Ryusei	Wada	Morphological traits of fine roots in <i>Cryptomeria japonica</i> by branch order classification compared with other tree species
P1-59	Sin Yee	Yoo	Biochar application to urban roadside soils can improve plant and soil water conditions

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P1-60	Minami	Okamoto	Effects of a gender difference in tree selection for thinning on biodiversity in Cambodian community forest
P1-61	Yasa P.	Umar	Edge effects on invertebrate assemblage in agroforestry landscapes in East Java, Indonesia
P1-62	Seiya	Okuno	Life-form, demographic and habitat niche divergence of a Bornean tropical rain forest tree community
P1-63	Saki	Takeda	Interspecific hybridization as a mechanism for evolutionary rescue of emergent dipterocarp tree species in a tropical rainforest
P1-64	Itsuki	Ohya	Dioecious plants compensate for reproductive disadvantages by precocious flowering.
P1-65	Seungyeon	Lee	Analysis of river vegetation in Geum river using ordination and classification
P1-66	Maho	Okamoto	Seed dispersal networks between birds and woody plants in the Kasugayama Forest Reserve, a primary evergreen broad-leaved forest, Japan.
P1-67	Shinyeong	Park	A plant community structure comparison between cut slope and forest interior
P1-68	EungPill	Lee	Effects of nitrogen treatment in soil under warming condition on the growth of alien invasive plants in Korea
P1-69	Desiree K.	Andersen	Predicted Range of the Korean Crevice Salamander, <i>Karsenia koreana</i> , and Projected Range Shift for Four Climate Change Scenarios
P1-70	Jae Keun	Lee	Long-term changes in Primary Production and Carbon Distribution in the <i>Pinus densiflora</i> community of Mt. Namsan
P1-71	Yongsik	Hong	Will evergreen coniferous forests in Korean warm temperate zone change to evergreen broadleaved forests in the future? ( <i>Pinus thunbergii</i> community in Jeju Island)
P1-72	XINGYA	YANG	Effects of different biochar amendments on carbon loss and leachate characterization from an agricultural soil
P1-73	Yoonhyuk	Bae	Agricultural transformation of wetlands and a new type of threat to amphibians: predation of <i>Hynobius</i> salamanders eggs masses by loaches ( <i>Misgurnus</i> sp.).
P1-74	Seiko	Matsuhisa	Slender males and full females getting in shape: sexual dimorphism in inflorescence architecture in anemophilous, anemochorous plants
P2-1	Akira	Yamawo	Kin discrimination through root is adaptive for intraspecific competition in <i>Kalanchoe daigremontiana</i>
P2-2	Daisuke	Mizuguchi	Combining multiple time series of count data to estimate population trend: preliminary study in wintering Steller sea lion ( <i>Eumetopias jubatus</i> ) on the Hokkaido coast of the Sea of Japan
P2-3	Norikazu	Eguchi	Development of prediction models for sika deer appearance by using a hierarchical Bayesian method
P2-4	Shoji	Hamao	Alarm or courtship?: continuous song of male Japanese bush warblers
P2-5	Hiroaki	Ishii	Large <i>Cryptomeria</i> trees retained after intensive logging functioned as refugia for canopy woody plants in Yakushima
P2-6	Shin-Ichi	Ishikawa	Population dynamics of an endangered spring ephemeral plant, <i>Gagea japonica</i> , in a satoyama region for 11 years
P2-7	QIUFENG	WANG	Expanding atmospheric acid deposition in China from the 1990s to the 2010s
P2-8	Sachiko	Nishida	Reproductive interference alters distribution of closely related species: a case study in <i>Taraxacum</i> (Asteraceae)
P2-9	HUI	WANG	Reproductive characteristics and its evolutionary implication in the subdioecious shrub <i>Eurya japonica</i>
P2-10	Yoshiyuki	Inagaki	Proton budgets of a fir forest ecosystem in the Shimanto River Basin, south Japan
P2-11	Naoki	Makita	Seasonal and diurnal patterns of soil respiration in an evergreen coniferous forest: Evidence from six years of observation with automatic chambers
P2-12	Keita	Aragane	Current status and future prospect in methods of making Green Infrastructure Plans in Japan
P2-13	Asako	Uchida	Primary production of periphyton communities in the field experiment on riverbed restoration below a dam in the Yahagi River, central Japan

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P2-14	Yuna	Hirano	Habitat characteristics and size structure of an endangered lamprey, <i>Lethenteron reissneri</i> , in an urbanized area
P2-15	Yuqi	Chen	Spatiotemporal Analysis of Ecological Land Changes in Key Ecological Functional Areas in China
P2-16	Xiaofan	Wang	Modelling the Coupled Effects of Climate Change and Management Approaches in the Plantations of Southern China
P2-17	Mayumi	Akamine	Size-dependent seasonal activities of males of the dung beetle <i>Copris acutidens</i> (Coleoptera, Scarabaeoidea)
P2-18	Kumiko	OKUBO	Effects of vegetation management to exterminate alien plant species <i>Erigeron strigosus</i> and <i>Oenothera biennis</i> in the semi-natural grassland on the Kirigamine Heights, Japan
P2-19	Satoshi	Nanami	Effects of an invasive tree <i>Nageia nagi</i> (Podocarpaceae) on flowering sex ratio and reproductive activity of a dioecious tree <i>Neolitsea aciculata</i> (Lauraceae)
P2-20	Masayuki	Ushio	Demonstration of the potential of environmental DNA for biodiversity monitoring in terrestrial ecosystems
P2-21	Satoshi	Kaneda	The effect of organic management on earthworm community structure in citrus orchard field
P2-22	Ayako	Shimono	Rapid establishment of <i>Amaranthus palmeri</i> resistant to glyphosate around grain-importation ports in Japan
P2-23	Aru	Toyoda	Male mating strategy and reproductive success of semi-wild stump-tailed macaques in Thailand
P2-24	Ikuyo	Saeki	Landscape genetics of a threatened maple, <i>Acer miyabei</i> : implications for conserving riparian forest connectivity
P2-25	Kana	Terayama	Environmental conditions affecting the troop size and home-range area of the Japanese macaque in Fukui Prefecture
P2-26	Indra	Fardhani	Vertical distribution of epiphytic orchid in <i>Schima wallichii</i> trees in a forest of Mount Sanggarah West Java, Indonesia
P2-27	Zhi	Chen	Spatial pattern and controls of carbon flux and carbon use efficiency in China's forests
P2-28	Eun Ju	Lee	<i>Spartina anglica</i> settlement and effect on macrofauna
P2-29	Chizuru	Yayota	Impact of buried depths of sika deer carcass on soil water chemistry and appearance frequency of animal species at logging area in Tokushima, Japan
P2-30	MA	YUAN	Growth and seed germination responses to temperature and/or light environments in an endangered Japanese satoyama plant, <i>Eupatorium japonicum</i> .
P2-31	Teruyoshi	Nagamitsu	Genetic and environmental effects on leaf and shoot traits of <i>Quercus dentata</i> and <i>Q. mongolica</i> var. <i>crispula</i> along coastal?inland gradients in northern Hokkaido, Japan
P2-32	JeongSook	Hwang	The seasonal variation of photosynthesis, water availability, leaf production of coastal sand dune plants
P2-33	Shingo	Kaneko	Mitochondrial DNA analysis reveals minimal genetic introgression from domestic pigs into wild boar populations in Fukushima Prefecture after Nuclear Power Plant accident.
P2-34	Choonsig	Kim	Soil CO <sub>2</sub> , CH <sub>4</sub> and N <sub>2</sub> O fluxes of <i>Chamaecyparis obtusa</i> stands planted in pine wilt disease-disturbed forests
P2-35	Atsushi	Maruyama	Reproductive migration of an endangered endemic fish monitored by quantitative environmental DNA analysis
P2-36	Wakana	Azuma	Canopy vascular plant community and arboreal soil characteristics on a large, long-lived <i>Cercidiphyllum japonicum</i> tree in temperate forest, Japan.
P2-37	Toko	Tanikawa	Calcium speciation in forest soils by a double-crystal High resolution x-ray fluorescence spectroscopy
P2-38	Young-Seuk	Park	Diversity and co-occurrence patterns of fish species in Korean streams
P2-39	Ohseok	Kwon	Application of UAV (Drone) in a various ecological monitoring
P2-40	Sasitorn	Hasin	Distribution and variation of ground-dwelling ant community in protected forest areas in Thailand
P2-41	Tetsuro	Konishi	Quantitative measurement of flashing activities of fireflies : development of method and application to <i>Luciola parvula</i>

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P2-42	JI YOON	KIM	Assessing the potential habitat expansion of the introduced aquatic mammal ( <i>Myocastor coypus</i> ) in South Korea
P2-43	Haiwei	YIN	Summer outdoor air temperature cooling effect of an extensive green roof: An experimental case study of Nanjing, China
P2-44	Amael	Borzee	Impact of environmental variables on the breeding phenology of Korean early breeding amphibians
P2-45	Yoshiaki	Tsuda	Conservation genomics and the law for the conservation of endangered species of wild fauna and flora in Japan
P2-46	Dong-Hwan	Kim	Predicting Species Distribution of Eurasian otter ( <i>Lutra lutra</i> )
P2-47	Kohei	KOYAMA	Allometric relationship between twig length, maximum leaf length on the shoot, and twig leaf area of Japanese elm ( <i>Ulmus davidiana</i> var. <i>japonica</i> ).
P2-48	Yoichi	Watanabe	Evolutionary history and demographic consequence of adaptive radiation for rice azaleas ( <i>Rhododendron tschonoskii</i> alliances)
P2-49	Shin	Nagai	Evaluation of leaf area index in tropical tree species, Borneo by direct measurement approach
P2-50	Wei-chung	Liu	Exploring species functionality and phylogenetic relatedness from the network prospective
P2-51	Mitsutoshi	Tomotsune	Effects of biotic burrows on CO <sub>2</sub> efflux from soil surface to atmosphere at a subtropical mangrove forest in Ishigaki Iland, south-western Japan
P2-52	Yi	Wang	Microbial related attenuation response of soil respiration to warming in a temperate oak forest
P2-53	Toshihiko	Takemura	On the influence of the water molecular undulation for the biochemical reactions
P2-54	Yuedan	Liu	Computational Analysis of Movement Tracks of <i>Oryzias melastigma</i> Under Disturbed Conditions
P2-55	Huai	Yang	Diurnal variations and gap effects of soil CO <sub>2</sub> , N <sub>2</sub> O and CH <sub>4</sub> fluxes in a typical tropical montane rainforest in Hainan Island, China
P2-56	Xianglin	Chen	Temporal Patterning on Line-Movement of Indicator Species under Stressful Conditions by Using Hidden Markov Model and Artificial Neural Networks