

\* Only the presenter is listed. Full author list is available at <[https://esj.ne.jp/meeting/abt73/oral\\_index.html](https://esj.ne.jp/meeting/abt73/oral_index.html)>

Room	H 共北25	I 共北26	J 共北27	K 共北28	L 共北31	M 共北32	N 共北37	Q 共北38
Time	Behavior	Conservation	Evolution	Animal-plant interaction	Ecosystem management	Biodiversity	Plant community	Plant ecophysiology
15:00	H01-01 Quantitative Analysis of Collective Escape Behavior in Soldier Crabs Yuto UESUGI (The University of Tokyo)	I01-01 Evaluating Climate Risk Pathways for Pacific Bluefin Tuna ( <i>Thunnus orientalis</i> ) Using Habitat and Trait-Based Metrics in the North Pacific Ocean Matthew DURANT (Tohoku Univ.)	J01-01 Molecular phylogenetic analysis of endemic weevils on the Ogasawara Islands - New example of repeated diversification?- HARUKI KARUBE (Kanagawa Prefecture museum)	K01-01 How is floral scent adapted to attract specific pollinators of Asarum sect. Heterotropa? Anna Kamenova VALCHANOVA (東大・理)	L01-01 Assessment of UAV-LIDAR-based methods for individual tree segmentation: Case studies from northern forests of Japan Kyaw Kyaw HTOO (Hokkaido University)	M01-01 Response diversity and stability in experimental floating macrophyte assemblages using automated image classification Samuel Robert Peter-James ROSS (OIST)	N01-01 The Influence of Old-Growth Grassland Root Systems on Shallow Landslide Prevention: A Multi-Site Analysis Yuto TERASHIMA (MSC, Univ. Tsukuba)	Q01-01 Deep learning-based image analysis of monthly changes in fine root length and their determinants in <i>Chamaecyparis obtusa</i> Hinata YOSHIDA (Nagoya University)
15:15	H01-02 Temporary decrease in heart rate during the initial phase of dives in free-ranging loggerhead turtles Kodai AOTA (UTokyo)	I01-02 Systematic mapping of direct anthropogenic pressures on terrestrial biodiversity Cathleen Ludivine PETIT (CESAB - FRB,Kyoto University)	J01-02 Rare males in parthenogenetic stick insects: exploring their evolutionary significance Tomonari NOZAKI (NIBB,SOKENDAI)	K01-02 Between Birch and Berries: Dietary Niche Partitioning Between Sympatric Alpine Herbivore Birds Saria SATO BAJRACHARYA (Nord University)	L01-02 Environmental Determinants of Stream Nitrate Concentrations in Undisturbed Mountain Streams of Kyushu Main Island Nay Lin MAUNG (Kyoto University)	M01-02 On the survey of poultry lice (Insecta: Phthiraptera) fauna in Taiwan since Sugimoto Masaatsu Chao-jung LIANG (Department of Entomology,National Taiwan Univ.)	N01-02 Vegetation- Environment Relationships in Small Moors of the Chugoku Region, Western Japan: A Case Study of the Karakawa Moor Ken KUBOTA (UGSAS, Tottori Univ.)	Q01-02 Leaves as an internal phosphorus source for reproduction in Japanese beech Yuki TSUJII (FFPRI)
15:30	H01-03 How falcons balance maneuverability and striking force during high-speed aerial combat Dale Manjiro KIKUCHI (Tokyo Univ. of Agri.)	I01-03 Empirical assessment on the local extinction of an endangered crayfish over two decades in Hokkaido, Japan Wei JIA (Hokkaido University)	J01-03 The sexual difference in emergence timing distribution drives the evolution of male dimorphism Hidaka KUBO (Hokkaido Univ.)	K01-03 Pigeon-fruit interactions: A global overview Haruko ANDO (NIES)	L01-03 Modeling Stand Growth in South Korea Using a Diameter Class-Based Approach Jae-ah LEE (Korea University)	M01-03 Mapping functional diversity and redundancy in bumblebees using species distribution models and kernel density hypervolumes Megan mei yan LOW (Tohoku Univ.)	N01-03 Vertical Trait Variations Influence Forest Biomass Dynamics in Two Japanese Forest Types Legeer CE (Osaka Metropolitan Univ.)	Q01-03 Directional asymmetry of epigenetic memory and adaptive reprogramming in mangrove trees under changing salinity Matin MIRYEGANEH (OIST)
15:45	H01-04 Different anti-predator response between the hermit crabs <i>Pagurus filholi</i> and <i>Diogenes nitidimanus</i> based on the analysis of startle response duration Tsunenori KOGA (Wakayama Univ.)	I01-04 The Feedback Loop of the Extinction of Experience: Evidence from Parents and Children's Nature Experiences in Vietnam. Van Mai TRUONG (Hiroshima University)	J01-04 Color preference and visual-system adaptation underlying the evolution of flower-visiting ecology in <i>Drosophila</i> Munehiro KATSURA (Nagoya Univ.)	K01-04 Elucidating the driver of floral diversification in <i>Chrysosplenium</i> ser. <i>Macrostemon</i> using the geographic mosaic of a specialized pollination mutualism Marika YAMAGUCHI (The Univ. of Tokyo)	L01-04 Practice Guide for Nature Positive Activities : Landscape Approach-Driven Nature Restoration and Regional Value Creation Wataru KOKETSU (AMITA HOLDINGS CO.,LTD.)	M01-04 Advantages and Challenges of Access to Newly Developed Climate-Resilient Varieties: Case Study on Rice in Asia Kenichi IMAI (Osaka Univ of Econ and Law)	N01-04 Water supply shapes fitness asymmetries and competitive coexistence of California annual plants Kenji HAYASHI (Rice University)	Q01-04 Effects of enhanced seasonal precipitation on gas exchange of <i>Pinus densiflora</i> seedlings Hee-eun YOON (Korea Univ.)
16:00	H01-05 Selective Imaging of Wild Loggerhead Turtle's Foraging Behavior using a Machine Learning-Equipped Video Haruka ISHIYAMA (The University of Tokyo)	I01-05 Biodiversity in abandoned oil palm plantation: how much did dung beetle diversity recover after 15-year abandonment? Arief aiman BIN LUKHMAN (Hiroshima University)	J01-05 Are <i>Pieris napi</i> and <i>P. nesis</i> in Hokkaido different species? Masaaki OHATA (KUAS)	K01-05 The Cost of Plant-Plant Communication: Enhanced Resistance and Growth Suppression under Stress Conditions Shu MURAYAMA (Niigata Univ., Grad. Sch. Sci.)	L01-05 Can wetland restoration become a site for learning? The progress of student-led shrub cutting in Ugasai Wetland Shiro TSUYUZAKI (Hokkaido University)	M01-05 Evolutionary Keystone Species Kouhei OHMURO (Tohoku University)	N01-05 Warming and nitrogen deposition led to contrast response of fine-root traits to neighbor species Lijuan SUN (Lanzhou Univ.)	Q01-05 Effects of Neighbor Identity on Time-Series Biomass Allocation in <i>Arabidopsis thaliana</i> Bo-moon KIM (Kyoto University)
16:15	H01-06 Seasonal and Spatiotemporal Patterns of the Asian particolored bat( <i>Vespertilio sinensis</i> ) in the Yodo River, Osaka, Revealed by Bat Detector Surveys. Taketo MATSUURA (Osaka Sangyo Univ. Grad. Sch.)	I01-06 Foraging and resting behaviors of harbour seals ( <i>Poca vitulina</i> ) in the Arctic Uno ISHIHARA (SOKENDAI University)	J01-06 Evolutionary dynamics of self-incompatibility alleles and the selfing syndrome in <i>Arabidopsis halleri</i> Ryo A SUDA (The University of Tokyo)	K01-06 Beyond seed attachment quantity: assessing quantitative contributions of epizoochory at the community level Kanon SATO (Lake Biwa Museum,TUAT)	L01-06 Change of Plant Community in Mt. Ibuki in 10 Years Under High Population Density of Sika Deer Naohiko NOMA (Univ.of Shiga Pref.,Ohmi Wetland Society)	M01-06 Monitoring terrestrial biodiversity using airborne environmental DNA Kimiko UCHII (Osaka Ohtani Univ.)	N01-06 Influence of <i>Cryptomeria japonica</i> dominance on functional diversity and resistance to disturbances in natural and plantation forests Rebecca OSTERTAG (Univ. of Hawaii at Hilo)	Q01-06 Does the increasing mechanical stress associated with tree growth enhance respiration and become a growth-limiting factor? Shigeta MORI (Yamagata Univ.)
16:30	H01-07 Asymmetry of aggressiveness among individuals influences group-level feeding and survival Rintaro TODAKA (Grad. Sci. Eng., Chiba Univ.)	I01-07 Comparative genomics of endangered Asian raptor species Annegret Moto NAITO (Kyoto City Zoo,ARRCN)	J01-07 Whole-genome sequencing reveals a possible molecular basis of sex determination in the dioecious wild yam <i>Dioscorea tokoro</i> Aoi KUDOH (Kyoto Univ.)	K01-07 A Study on the Mast Production of <i>Castanopsis cuspidata</i> and the Behavior of Wild Boars in the Asaoi Area, Shimonoseki City Fuka YANAI (Yamaguchi Univ.)	L01-07 Consequences of understory mowing on ecosystem multifunctionality in Satoyama forests Ziyan CHEN (Yokohama National University)	M01-07 Development of a Remote Sensing-Based Methodology for Natural Capital Procurement Assessment in Support of TNFD Yuki WAKATSUKI (Kokusai Kogyo Co., Ltd.)	N01-07 Acute impact of wildfire on tree communities in a seasonally dry tropical forest, northwestern Madagascar Ando Harilalao RAKOTOMAMONJY (Kyoto University)	Q01-07 Changes in leaf flushing and leaf fall phenology over 40 years among 40 cool-temperate deciduous broad-leaved tree species in Hokkaido Satoshi SUZUKI (Hokkaido Univ)
16:45	H01-08 Evaluation of Magnetoreception in Subadult Loggerhead Turtles through Behavioral Responses under Magnetic Disturbance Device Attachment Masato ISHII (The University of Tokyo,AORI)	I01-08 Revealing the Combined Effects of Integrated Solar-Wind Power Facilities on Birds Masashi BARADA (Tokyo City Univ.)	J01-08 Phylogeographic analysis and cross-inoculation assay of <i>Oxytropis-rhizobia</i> symbiosis Ibuki NISHIKAWA (Shinshu Univ.)	K01-08 Relationship between reproductive traits and seed predation in alpine herb, <i>Saussurea yanagisawae</i> Akane SUZUKI (Hokkaido University)	L01-08 Changes in carbon assimilation of sphagnum moss after the compaction Kenichi YOSHIMURA (Yamagata Univ.)	M01-08 A new nucleotide sequence similarity search method for molecular identification Akifumi S. TANABE (Tohoku University)	N01-08 Trees on the move: how climate change affects the functional species composition of forests in Japan Lea VEGH (NIES)	Q01-08 Chlorophyll and topographic patterns demonstrate stress conditions drive the brightness of autumn leaf color Dai KOIDE (NIES)

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Time	Behavior	Conservation	Evolution	Animal-plant interaction	Ecosystem management	Biodiversity	Plant community	Plant ecophysiology
17:15	H01-09 Host daughter ants coerced into unwitting matricide by a social parasitic queen Keizo TAKASUKA (Kyushu University)	I01-09 Aquatic vegetation distribution and effects on fish in Lake Nojiri. Yume TACHIKAWA (Toyama univ.)	J01-09 Evolutionary dynamics toward kleptoplasty Yu UCHIUMI (Nihon University)	K01-09 How does the annual variability in reproduction of <i>Castanopsis cuspidata</i> affect their seed predators? Kimiko HIRAYAMA (Kyoto Prefectural University)	L01-09 Application Cases of Vegetation Type Identification Using Deep Learning Takeshi ISE (Kyoto Univ.)	M01-09 PCR-Free Long-Read Sequencing of Aquarium- Water Environmental DNA Recovers Complete Fish Mitogenomes and Resolves Individual Haplotypes Hinano MIZUNO (Toyota Central R&D Labs., Inc.)	N01-09 Decomposing leaf mass into metabolic and structural components explains divergent patterns of trait variation within and among plant species Masatoshi KATABUCHI (XTBG, CAS)	Q01-09 Examining the influence of the relationship between diurnal variation of the solar radiation spectrum and meteorological conditions on plant responses Atsushi KUME (Kyushu University)
17:30	H01-10 Dominant breeders punish idle helpers depending on group size and spatial proximity in a cooperatively breeding cichlid fish Ryo HIDAKA (Osaka Metropolitan Univ.)	I01-10 Reestablishing soil seed banks of hydrophytes through natural restoration ~Toward a proposal for seed bank management~ Ryunosuke FUJII (The University of Tokyo)	J01-10 Extending the Fundamental Principle of Life-History Evolution: The Evolution of a Slow Life Akira SASAKI (SOKENDAI)	K01-10 Optimal grazing strategies for livestock production vary by vegetation zone but not by precipitation Yu YOSHIHARA (Mie university)	L01-10 Integrated Analysis of Beach and Dune Erosion Drivers along the Watershed-Coastal Continuum Yasutaka NAKATA (Kyoto Prefectural University)	M01-10 Comparison and evaluation of environmental DNA methods for surveying animal communities on woody plants Kinuyo YONEYA (Kindai University)	N01-10 A field experiment on the coexistence of two plant species under resource competition and reproductive interference Naoto SHINOHARA (OIST,Kyoto Univ.)	Q01-10 Photosynthetic and growth characteristics of <i>Primula sieboldii</i> seedlings: verification based on cultivation experiments Shinichi ISHIKAWA (Gunma Univ.)
17:45	H01-11 Comparison of social structure and behavior between anemonefish populations with different densities of host sea anemones Yuya KOBAYASHI (Osaka Metropolitan Univ.)	I01-11 An Attempt to Conserve Native Herbaceous Plants through Selective Mowing Akiko IJIJIMA (KUIS)	J01-11 Somatic evolution in tropical trees: mathematical modelling to estimate the dynamics of mutation accumulation Sou TOMIMOTO (Kyushu University)	K01-11 Heteranthery: It's function and ecological context Midori YOKOYAMA (Nara Women's University)	L01-11 Grazing spatial patterns drive changes in arthropod assemblages and their underlying mechanisms Yimian WANG (Yokohama National University)	M01-11 Artificial tree holes and eDNA analysis reveal vertical and temporal dynamics of aquatic metazoan communities in a tropical forest Yuichi ISAKA (XTBG)	N01-11 A preliminary assessment of phytochemical diversity across Okinawa's landscape Amy Hana MORRELL (OIST Graduate School)	Q01-11 Diurnal variations in photosynthesis, transpiration, xylem flow, and root respiration of two subtropical shrubs in the Ogasawara Islands Natsuki Kishigami natsuki KISHIGAMI (Tutu Univ.)
18:00	H01-12 Group-level characteristics driven by individual variation in conformity Kaiya HAMAMICHI (Grad. Sci. Eng., Chiba Univ.)	I01-12 Distribution of small cetaceans in Japanese coastal waters: a baseline analysis using environmental assessment data Satoko Soen KIMURA (Kyoto University)	J01-12 Divergent responses of visceral fat deposition to a high-fat diet between a marine and a stream ecotype of the threespine stickleback Bo jyun CHEN (SOKENDAI,National Institute of Genetics)	K01-12 Plant Volatiles Communication: Genes or Environment? Kaori SHIOJIRI (Ryukoku Univ.)	L01-12 How do frequent heavy rains affect macrobenthic animals in hypoxic coastal zones? — A case study of bivalves — Ryo ORITA (Fac. Agri., Saga Univ.)	M01-12 Genetic analysis of ecological dimorphism in <i>Terminalla alata</i> in a Cambodian tropical seasonal forest Satoshi KIKUCHI (FFPRI)	N01-12 Compare Species Diversity and Community Assembly Processes with Different Regions of Montane Cloud Forests in Taiwan Yan-han WU (National Taiwan University)	Q01-12 Iron tolerance mechanism of <i>Abies sachalinensis</i> by considering roor endopyte Toshikatsu HARUMA (FFPRI)
18:15	H01-13 Load-dependent adaptation of leg movements in ant transport: A contactless intervention with an airborne ultrasound phased array Shumpei HISAMOTO (Meiji Univ.)	I01-13 Can ecotoxicological tests capture population-level chemical risks? Yoichi TSUZUKI (Univ. of Tokyo)	J01-13 Seasonal hourglass in plant transcriptome and epigenome dynamics Haruki NISHIO (Shiga Univ.,Kyoto Univ.)	K01-13 Effects of herbivory by two herbivores on the stinging hair length of nettles: Experiments simulating the herbivory Teiko KATO (Nara University of Education)	L01-13 Comparison of benthic assemblages in Tokyo Bay: A 20-year perspective Yoshitake TAKADA (Fish. Tech. Inst. FRA)	M01-13 Are Tropical Insects Really in Decline? Insights from Long- Term Monitoring in Southern Thailand Akihiro NAKAMURA (XTBG, CAS)	N01-13 Assessing Mass Elevation Effect Across Taiwan's Mountainous Landscapes Yuwen CHEN (National Taiwan Univ.)	Q01-13 Nutrient acquisition strategy of <i>Pinguicula ramosa</i> in the Nikko volcanic area: the role of microbes in its carnivory Kouta SUZUKI (Kanagawa Univ.)
18:30	H01-14 Testing mechanisms underlying vocal overlap during vocal exchange in common bottlenose dolphins Tomoyoshi TERADA (Uni of Tokyo)	I01-14 Winter activity of Japanese dormouse <i>Gilvulus japonicus</i> inhabiting Yamaguchi prefecture Kaito OUNE (Yamaguchi Univ.)	J01-14 Shifting mycorrhizal partner from <i>Tulasnella</i> to <i>Ceratobasidium</i> is coupled with the gain of crassulacean acid metabolism (CAM) in epiphytic orchids Galih Chersy PUJASATRIA (Kyoto University)	K01-14 Co-pollination and “one-to-one” reconstruction in the obligate pollination mutualism between <i>Ficus</i> and fig wasps Zhi-Hui SU (JT Biohistory Res. Hall,Kyushu Univ.)	L01-14 Temporal variations in trace metal concentrations related to rainfall and exceedance of environmental quality standards in rivers around a copper mine Yuri FUJITA (Toyo University)	M01-14 Is <i>Bosmina tanakai</i> a northern species? The distribution in Japan and the coexistence with the same genus common species Yurie OTAKE (Kyoto Univ.)	N01-14 Changes in bryophyte community composition and functional traits along a fog frequency gradient in montane cloud forest of Taiwan Ching-ning YEH (National Taiwan University)	Q01-14 Independent Photoprotective Strategies of BVOC Emission and Xanthophyll-Cycle (DPS) in Broadleaf Trees Shoko TSUJI (Kyoto Univ.)
18:45	H01-15 Reproductive behavior of <i>Brachyponera nakasujii</i> and its distribution patterns with closely related species Kanata Sakaya INOUE (Tokyo univ. agr. tech.)	I01-15 Elevated Summer Temperatures Accelerate the Metabolic Rate of Pond Smelt: Implications for Unprecedented Catch Declines in Lake Kasumigaura Shin-ichiro MATSUZAKI (NIES)	J01-15 Inferring Phylogenetic Networks in the Genomic Era Sungsik KONG (RIKEN iTHEMS)	K01-15 Microbiome composition of the exudate within the infructescence of <i>Alocasia odora</i> (Araceae) Kohei TAKENAKA TAKANO (Nagano Env Cons Res Inst)	L01-15 A method for bias and variance correction for AI Fish-length estimates using repeated measurements. Yasutoki SHIBATA (FRA)	M01-15 Exploring the survival strategies of snailfishes (Teleostei: Liparidae) through eggs and otoliths Haruka KAMEI (The University of Tokyo)		
19:00	H01-16 Novel use of squid ink by territorial males in <i>Heterololigo bleekeri</i> Shota HOSONO (The University of Tokyo)	I01-16 Genetic diversity in the genomes of flying fox species Yu SATO (Wildlife Research Center)	J01-16 Mechanisms of speciation vary with latitude Jose Said GUTIERREZ- ORTEGA (RIKEN iTHEMS)	K01-16 Effects of variation in floral colour composition on plant- pollinator interactions along an urban-rural gradient Taichi NAKATA (Kyushu Univ., Kobe Univ.)	L01-16 Non-invasive age estimation of brown bears using fecal DNA methylation level Shiori NAKAMURA (VetMed, Hokkaido Univ.)			

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Time	Material cycling	Conservation	Fungi and microbes	Animal population	Behavior	Introduced species	Evolution	Animal community
14:00	H02-01 Effect of litter on silicon cycling in a forest ecosystem - insight from a litter manipulation experiment Ryosuke NAKAMURA (Kyoto University)	I02-01 Food-production, Flood-risks and Fish-cradles Makihiko IKEGAMI (NIES)	J02-01 Multiscale spatiotemporal patterns of fungal diversity in a secondary forest by using airborne and aquatic environmental DNA Takuto MAEDA (Osaka Sangyo Univ.)	K02-01 Estimating the duration of conspecific avoidance from GPS tracks could help characterize population-environment relationships: a macaque pilot study Guillaume Pierre michel PERON (LBBE/CNRS (France))	L02-01 Uncertain mate recognition shapes social behaviors of butterflies Tsuyoshi TAKEUCHI (Osaka Metro. Univ.)	M02-01 Ecological differences were found in the non-native Eastern Japanese common toad ( <i>Bufo formosus</i> ) among the Izu Islands. Yusuke MAGOME (Tsukuba Univ.)	N02-01 Phylogenomics supports island contribution to metapopulation dynamics in a predominantly continental bird species Daisuke AOKI (FFPRI)	Q02-01 Disentangling direct species association networks from community data: integrating graphical model and Bayesian inference Kazutaka KAWATSU (Yokohama National University)
14:15	H02-02 Latitudinal pattern of photodegradation driving aboveground carbon loss Juanjuan ZHANG (IAE,UCAS)	I02-02 Analysis of the Institutional Positioning of Semi-Natural Grasslands and the Applicability of OECM Akira NODA (Tokyo Metropolitan Univ)	J02-02 Sexual dimorphism in flower and nectar microbial communities: Variation across habitats and years Nao SHIBATA (Kobe Univ.)	K02-02 Examination of amphidromous fish abundance patterns relative to local and regional factors in a river network using environmental DNA Seiji MIYAZONO (Yamaguchi Univ.)	L02-02 Sexual conflict over mating in <i>Sophiodela japonica</i> : Is water submersion a female tactic to avoid prolonged mating? Tadashi SHINOHARA (Ishikawa Insect Museum)	M02-02 Smallmouth bass( <i>Micropterus dolomieu</i> ) diet in a prey-fish scarce environment Sota ENDO (Toyama Univ.)	N02-02 Avian Wing Muscles and Maneuverability: A Comparative Perspective across Species Asuka MINOSHIMA (Grad. Sci. Eng., Chiba Univ.)	Q02-02 Proposal for methods of assessing ecosystems that reduce the effects of stochasticity Ken ISHIDA (JAMSTEC)
14:30	H02-03 Photodegradation of aquatic plant litter in shallow lakes Jin GAO (IAE,UCAS,Nanjing Normal Univ)	I02-03 Current status and conservation issues of the Pisidiidae sp. on the northern slope of Mt. Amakazari Satoko YAMAMOTO (JEC)	J02-03 Temperature-dependent growth interactions between harmful algal species Ryoko YANO (FRA)	K02-03 Effects of environmental variability on the temporal Taylor's law of Hokkaido vole density Takashi SAITOH (Hokkaido Univesity)	L02-03 The reproductive traits of the West Indian sweet potato weevil <i>Euscepes postfasciatus</i> differ among wild hosts. Chihiro HIMURO (Gifu Univ.)	M02-03 RGRs larger than those of related natural species account for successful invasion of invasive species: Case study in <i>Pieris</i> and <i>Hestina</i> butterflies Kotaro KONNO (NARO)	N02-03 Ancestral niche reconstructions with asymmetric climatic responses: a case study for the genus <i>Macaca</i> Taro TAKANE (Tohoku Univ.)	Q02-03 Effects of microtopography on recruitment niches and population dynamics of invasive and native barnacles Yuan YAO (Hokkaido Univ.)
14:45	H02-04 Spatiotemporal responses of nitrogen and phosphorus stoichiometric imbalance in Japanese lakes and estuaries to wastewater treatment (1998-2022) Chuangqiao ZHOU (Kyoto University)	I02-04 Assessment of environmental stressors on food web dynamics using sedimentary records in ancient Lake Biwa Narumi TSUGEKI (Matsuyama Univ.)	J02-04 The context-dependent effect of nectar microbes on buckwheat seed production Yuga OKADA (KOBE University)	K02-04 The sudden, irreversible collapse of chub mackerel driven by overexploitation and climate change Shota NISHIJIMA (Fish. Resour. Inst., FRA,UC Santa Cruz)	L02-04 Wren nests used as bat roosts Lina A. KOYAMA (Kyoto University)	M02-04 海洋外来種に関する英語文献と日本語文献の知見の比較 Conrad James PRATT (University of Queensland,東京農工大学)	N02-04 Whole-genome analysis of Japanese and Ryukyu wild boars among Eurasian <i>Sus scrofa</i> Rikako ITOI (SOKENDAI)	Q02-04 Rapid shift from native to domestic alien fish communities in a spring-fed stream Yusuke FUKE (Setsunan Univ.)
15:00	H02-05 Lignin structure regulates terrestrial photodegradation processes and carbon release Jiaojiao DENG (IAE)	I02-05 Characteristics of Soil Arthropod Communities on Nakodo-jima Island, Ogasawara Islands, and Their Conservation Value Toshio KISHIMOTO (Mus. Nat. Env. Hist., Shizuoka)	J02-05 The chemical function of isoavenaciol produced by the endophytic fungus <i>Pezicula ericae</i> Kohei DOYAMA (Univ. of Tsukuba)	K02-05 A mathematical analysis of the evolutionary dynamics of mimicry rings incorporating predator associative learning Ji YANG (Kyoto University)	L02-05 Association between food habits and fruit availability in the raccoon dogs inhabiting a suburban secondary forest Syota HAYASHI (Grad. Sch. Tokyo Univ. Agri.)	M02-05 Hybridization between introduced Chinese seaperch and native Japanese seaperch in Kochi Prefecture Takumi TOYOSAWA (Kyoto Univ.)	N02-05 Evolution of telomeres and centromeres associated with chromosome fusion in sticklebacks Yo YAMASAKI (National Institute of Genetics)	Q02-05 High-frequency monitoring of fish assemblages using computer vision Kota ISHIKAWA (Tohoku Univ.,WPI-AIMEC)
							Life history of animals	
15:15	H02-06 Optimality models of carbon and nitrogen dynamics in leaf canopy of different plant functional types under different environmental conditions Nano SHIROSAKI (Tohoku Univ.)	I02-06 The endangered butterfly <i>Maculinea teleius</i> Ogumae forms a metapopulation in the shelterbelt landscape in eastern Hokkaido. Masamune SAKAKIBARA (University of Hyogo)	J02-06 Bacterial and fungal communities in tidal Mangrove sediments: impact of tidal zone, plant litter and decomposition time. Juha ALATALO (Qatar University)	K02-06 Impacts of urbanization on personality and thermal physiological traits in Japanese five-lined skink ( <i>Plestiodon japonicus</i> ). Alexia DEGUARA (Kyoto Univ.)	L02-06 How do elapsed time and foraging area characteristics affect the foraging site fidelity of seabirds? Kota KATAOKA (Nagoya Univ.)	M02-06 Advancing control technologies amid accelerating invasion and spread of invasive social insects Hironori SAKAMOTO (NIES)	N02-06 Estimation of migration rates among local populations and population sizes based on kin relationships: application to rare marine fish <i>Lates japonicus</i> Takehiro KISHIDA (Kyoto Univ.)	Q02-06 Community Shifts in Ise Bay and Study on Method for Reconstructing the Ecological History of Jindo Squid ( <i>Loliginidae</i> ) Nozomi AWA (FRA)

Oral presentations 3/12(Thu) 15:30-17:00

Presentations in blue boxes : English session

※ As of December 15

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Time	Material cycling	Conservation	Fungi and microbes	Animal population	Behavior	Introduced species	Life history of animals	Animal community
15:30	H02-07 Exploring Soil Microbial and Environmental Drivers of Carbon Emissions in Korean Temperate Forests Amna SAHER (Korea Univ.)	I02-07 A new underbrush method for Japanese cedar plantations that enables conservation of the endangered butterfly <i>Everes lacturnus</i> Aya NISHIWAKI (former Miyazaki University)	J02-07 Scale- and taxa-dependent response of soil bacterial communities to environmental factors across Chinese natural forests Linzi JIANG (IAP, CAS)	K02-07 Automated Behavioral analysis of cricket aggression through Deep-learning Deepak Ishwara SHIVAPRAKASH (RCIES, SOKENDAI)	L02-07 Effects of mutual wing-eating on pair survival: toward uncovering the mystery of this mating behavior Haruka OSAKI (Muse. of Nature&HumanActivity)	M02-07 Landscape-level habitat use of Channel catfish in the Tone river system Shunsuke NIBE (Toyo univ.)	N02-07 Diet of <i>Odorrana</i> frogs in Yaeyama islands Dai TOGANE (Dep. of Biology, Keio Univ.)	Q02-07 Characterization of dung beetle assemblages in forests across the Japanese archipelago Keiko KISHIMOTO (Ryukoku Univ.)
				Animal-plant interaction				
15:45		I02-08 Satellite-based estimation of seasonal shifts in heron foraging habitat using paddy flooding onset Natsuru YASUNO (CESS)	J02-08 Forest Age and Environmental Stress Shape Microbial Assembly in Afforested and Reforested Arid Mangrove Ecosystems Alsayeda zahra Jawad SALMAN (Kyoto Univ.)	K02-08 Feces of seed dispersers shape favorable microbial environments for seedlings Teruki INOUE (Kyoto Univ.)	L02-08 Unsuccessful foragers select foraging sites relying on social information: evidence from Adélie penguins Toshitaka IMAKI (SOKENDAI)	M02-08 Distribution patterns of alien plants along roadside around Mt.Yuwan in Amami-Oshima Island Koume SAKAMOTO (Kagoshima Univ.)	N02-08 Habitat Characteristics of the Japanese Giant Salamander ( <i>Andrias japonicus</i> ) in Small-Scale Environmental Units of a River Yuta MATSUDA (University of Hyogo)	Q02-08 Does predator presence enhance the effects of physical structure? – Insights from water-filled treehole insect communities Soki SHINKAWA (Tokyo Univ. Agri. Tech.)
		Succession and regeneration						
16:00		I02-09 Multidimensional tropical forest recovery across socio-ecological systems Tomonari MATSUO (Wageningen Univ.)	J02-09 Temporal dynamics of leaf-associated fungal assemblage and function over 30 years in a temperate forest ブンナット チャンサーラック (Grad. Sci. Eng., Chiba Univ.)	K02-09 Feeding Preference of Sika Deer for the Designated Invasive Alien Species Golden Glow( <i>Rudbeckia laciniata</i> L.) Naoka KAMAI (Utsunomiya Univ.)	L02-09 Fidelity in space use of territorial ungulate, Japanese serow ( <i>Capricornis crispus</i> ) across seasons. Kushaal SELVARAJAH (TUAT)	M02-09 Verification Method for the Eradication of Invasive Insect Pests Using a Trap Network: A Case Study of <i>Zeugodacus tau</i> Atsushi HONMA (Okinawa Pref. Pl. Prot. Cent.)	N02-09 Spatio-temporal outbreak patterns of periodic train millipede during 2024-2025 on Yatsugatake mountains, central Japan Tatsuyuki SEINO (Univ. Tsukuba)	Q02-09 Response of beetle assemblages to topographic difference and vertical strcuture in a subtropical secondary forest Taichi DAIJIMA (Tokyo Univ. Agri. Tech.)
						Plant population		
16:15		I02-10 Does regeneration following an extreme wildfire originate from vegetative reproduction? The case of the Ofunato plantation forests Asuka KOYAMA (FFPRI)	J02-10 Isolation and functional characterization of root-associated bacteria from a desert shrub <i>Encella farinosa</i> Mohamed Mutasim ELTAYEB (Tottori Univ.,Khartoum Univ.)	K02-10 Does short-term exposure to heatwave-like temperatures affect bumblebee foraging behavior, particularly in relation to learning? Yumi TAZUKE (Nara Women's Univ.)	L02-10 Anti-predator communication networks in mixed-species flocks Nora CARLSON (The University of Tokyo)	M02-10 How to Build Matrix Size-Structured Population Models from Process Component Hiroyuki MATSUDA (Yokohama National University)	N02-10 Effects of individual variation in growth and morphological development on feeding performance in Japanese anchovy larvae Shota TANAKA (Tokyo Univ.)	Q02-10 Temporal changes in mammal distribution around urban areas in Hyogo Prefecture based on resident questionnaires Takeo KURIYAMA (UOH,Wildlife Res. Ctr, Hyogo)
16:30		I02-11 The scene of real regeneration site of <i>Acer pycnanthum</i> Shouzo HIOKI (Nagoya University)		K02-11 Effects of nectar robbing by carpenter bees on the pollination success of plants Koji KASANO (Grad Sch Agric, Kindai Univ)	L02-11 Diving behavior of a sea snake <i>Hydrophis ornatus</i> revealed by implanted data loggers Kanta FUJISHIMA (Tokyo Pref.)	M02-11 The Role and Challenges of Visualization in Terrestrial Ecosystem Simulation Hisashi SATO (JAMSTEC,The Univ. of Tokyo)	N02-11 Rearing system and basic ecology of <i>Tetrasticta laeta</i> (Coleoptera: Staphylinidae) Taisuke KANAO (Yamagata University.)	Q02-11 Structure of bird communities and landscape elements in the urban area of Sagamihara city, Kanagawa prefecture Yutaro MASUDA (Tokyo Metropolitan University)
16:45				K02-12 How does <i>Monotropastrum humile</i> of low pollinator visitation frequency increase pollination efficiency? Miyu KUSUNOKI (Grad. Sch. Agri., Tokyo Univ.)	L02-12 The landscape of fear in Japan: Assessing the non-consumptive effects of bears on large herbivores Everton Bernardo pereira de MIRANDA (macrecology lab, Tohoku Uni)	M02-12 Beyond growth rate: Integrating random-design LTREs with flow matrices to reveal hidden dynamics in <i>Trillium camschatcense</i> Hiroyuki YOKOMIZO (NIES)	N02-12 Functional analysis of ceramide metabolism-related genes in resting egg production of <i>Daphnia</i> Natsumi MARUOKA (Utsunomiya Univ.)	Q02-12 Feeding Ecology of Birds on Okinawa Island by Stable Isotope Analysis of Feather Samples Tomohiro TAKEYAMA (Okayama Univ. Science)

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Time	S Extended Phenotype	S Human Dimension	S Sustainable Use, Trade and Harvesting of Wildlife	Animal reproduction	Plant reproduction	Animal population	Mathematical ecology	Landscape ecology
12:00	F03-01 <b>When can multiple parasites with complex life cycles coexist under conflicts of host manipulation?</b> Takefumi NAKAZAWA (Natl. Cheng Kung Univ.)		H03-00 <b>Individuals with rapid early growth ended up as smaller adults in chub mackerel</b> Masahiro NAKAMURA (Fisheries Research Agency)					
12:15								
13:00		G03-01 <b>Crowdsourced Wildlife Observations Uncover Ecotourism Assets— Sites and Species</b> Keisuke ATSUMI (Biome Inc,Kyoto Sangyo University)						
13:15		G03-02 <b>When Familiar Nature Disappears: Ecological Grief as a Driver of Conservation Action</b> Mao WAKAYAMA (The University of Tokyo)						
13:30		G03-03 <b>Biocultural diversity of wetlands in Tokai hilly land region: Toward rebuilding the linkages between people and nature</b> Ikuyo SAEKI (The University of Osaka)						
		S Human Dimension	Plant population	Animal reproduction	Plant reproduction	Animal population	Mathematical ecology	Landscape ecology
14:00		G03-04 <b>Comparative analysis of soil prokaryotic community structure and function in Ethiopian native Church Forests and adjacent habitats</b> Blazen Endalamaw MEKONNEN (UGASAS, Tottori Univ.,ARARI)	H03-01 <b>A study on the flora of small-scale ponds located in the beech forest zone</b> Hiroki YAMAGISHI (Hiroasaki Univ.)	I03-01 <b>Watch longer, watch often: A time-lapse camera system for bird nest-box monitoring</b> Kazuya TAKEDA (MFRI)	J03-01 <b>Dieocy in a wind-pollinated herb explained by disruptive selection on sex allocation via inbreeding avoidance</b> Kai-hsiu CHEN (University of Tokyo,University of Lausanne)	K03-01 <b>A comparative study on morphological plasticity of <i>Hynobius</i> salamanders</b> Ibuki FUKUYAMA (Hokkaido Univ.)	L03-01 <b>Counterintuitive pathogen dynamics: The pathogen resurgence under hyperparasitism</b> Guan-yu CHEN (National Taiwan University)	M03-01 <b>Komado Wetland, past crop activities, and current ecosystem disturbances</b> Dahedrey PAYANDI-ROLLAND (東京都立大学)
14:15		G03-05 <b>Impacts of polyacrylamide application on soil loss, soil properties and plant growth</b> Yoseph Buta HAILU (Tottori University,Debre Markos University)	H03-02 <b>Functional significance of Monochasial cyme confirmed on Magnolia ovobata</b> Kazunori TAKAHASHI (Forest research Ins. Kansai)	I03-02 <b>The influence of conspecific flocks on the independence process of juvenile Grey-headed Lapwings</b> Hideya WAKISAKA (Grey-headed Lapwing Kansai RS)	J03-02 <b>Decoding mast seeding: Seasonal gene expression revealed new molecular pathways to understand forest tree reproduction</b> Valentin JOURNE (Kyushu University)	K03-02 <b>Is Global Warming– Induced Sex Ratio Bias an Important Factor Endangering the North Pacific Loggerhead Turtle Population?</b> Toko KATO (The University of Tokyo)	L03-02 <b>How to test the difference between means and medians: when nonparametric tests are appropriate</b> Eiiti KASUYA (Osaka Metropolitan University)	M03-02 <b>Depth-dependent energetic properties of organic matter: linking chemical composition to energy release feasibility and quality in mountain soils</b> Wenting FENG (Beijing Forestry University)
14:30		G03-06 <b>Data-Informed Exploration of a Social-Ecological Network Model for Sustainable Agricultural Practices under Various NGO Engagements</b> Dai-Fang LIN (National Taiwan University)	H03-03 <b>The effect of vertical position differences on intraspecific morphological variation in <i>Asplenium setoi</i></b> Karin MARUYAMA (Tokyo Univ. Agri. Tech.)	I03-03 <b>Mammary number and litter size: Rule-following Japanese squirrel species.</b> Kei K SUZUKI (FFPRI Kyushu)	J03-03 <b>Urbanised landscape and microhabitat differences can influence flowering phenology and synchrony in an annual herb</b> Koki KATSUJHARA (Okayama Univ.)	K03-03 <b>Freshwater environmental drivers of river migration in Japanese seabass: effects of primary productivity on growth</b> Kazuha TAKAI (The Univ. of Tokyo)	L03-03 <b>How to quantify interaction strengths? A critical rethinking of multivariate S-map method</b> Takeshi MIKI (Ryukoku Univ.)	M03-03 <b>Solar Expansion and Its Impact on Migratory Shorebird Diversity in Taiwan's Important Bird Areas</b> Da-ii LIN (National Taiwan Univ.)
14:45		G03-07 <b>Cultural vitality, ecological resilience and environmental justice. A case study from Indigenous communities in the Sierra Norte de Puebla, Mexico</b> Justyna ODKO (University of Warsaw)	H03-04 <b>Matrix population model along a gradient</b> Kenichiro SHIMATANI (I. Statistical Mathematics)	I03-04 <b>Seasonal dynamics of reproductive traits in a wild three-spined stickleback population</b> Mayuko KAWAMOTO (Tokyo Univ.)	J03-04 <b>Pre - pollination reproductive isolation mechanism among three sympatric <i>Tricytys</i> species in southwestern Japan.</b> Shuntaro WATANABE (Kagoshima Univ.)	K03-04 <b>Are urban Norway rats more voracious? Associations between rat occurrence and garbage collection methods in entertainment districts</b> Nanami SHIMAMURA (Toyo University)	L03-04 <b>Experimental Analysis of Calling Synchronization Strategies in the Japanese Tree Frogs Using a Phase Oscillator Model</b> Haruma FURUKAWA (Kyoto Univ.)	M03-04 <b>Modeling tree loss disturbance and protected area vulnerability in Japan: A multi-factor Random Forest Approach</b> Amit Kumar BATAR (NIES)



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Time		<span>S</span> Human Dimension	Plant population	Animal reproduction	Plant reproduction	Animal population	Mathematical ecology	Landscape ecology
15:00		G03-08 Age characteristics and temporal changes of Asian black bears ( <i>Ursus thibetanus japonicus</i> ) captured in the rural-forest interface of northern Nagano Misako KUROE (Nagano Env. Cons. Res. Inst.)	H03-05 Mathematical Model for the Formation of Urban-Rural Clines in Plant Anti-Herbivory Defense Traits: Natural Selection, Gene Flow, and Genetic Drift Yoshinori MIYAKE (Tokyo Metropolitan University)	I03-05 Sperm telomere length reveals reproductive strategies in masu salmon Toshiaki YAMAMOTO (NVLU)	J03-05 Do pollen sizes in <i>Pueraria lobata</i> vary along altitudinal and latitudinal gradients and with flowering phenology? Yuna NAKAMURA (Tokyo Metropolitan University)	K03-05 Does Wolbachia cause host extinction? — A population dynamics model incorporating male-killing Jun-nosuke HORITA (Tokyo Metropolitan University)	L03-05 Waves of infection, emerging from coupled social and epidemiological dynamics Yoh IWASA (Kyushu University)	M03-05 Predicting bear intrusion and encounter risk in agricultural and urban landscape based on landscapes connectivity Kota HIROBE (Hokkaido Univ.)
15:15		G03-09 The Effect of Ecotourism for Forest Conservation on Local Communities in Eastern Madagascar. Hatsuki MASUDA (Kyoto Unicersity)	H03-06 Inferring population structure of coastal plants with different seed seawater buoyancy through ocean current dispersal simulations Kanako AKIMOTO (Ochanomizu University)	I03-06 Reproductive ecology and lifecycle of the endosymbiotic bivalve <i>Entovalva lessonothuriae</i> Takahiro KOSHIBA (Kindai Univ)	J03-06 Does the reproductive-trait variation of <i>Gentiana nipponica</i> along the snowmelt gradient synchronize across mountains? Kaisei SATO (Hokkaido Univ.)	K03-06 <sup>137</sup> Cs transfer to insect communities in the radioactively contaminated area of Fukushima: Effects of feeding habits and habitat Yo SAYAMA (Kyoto Univ.)	L03-06 Coexistence of multiple parasites via superparasitism with competition Atsushi YAMAUCHI (Kyoto Univ.)	M03-06 Modeling the distribution dynamics of an apex predator, the Golden Eagle , in traditional satoyama landscapes of Japan Ryo NISHIDA (Tohoku University)
15:30		G03-10 Ecological Resistance to Drought and Child Malnutrition: Linking Ecosystem Function to Human Health Kaoru KAKINUMA (Tohoku Univ.)	H03-07 Spatial processes define discrete morphs, while ecological processes shape continuous variation in <i>Campanula punctata</i> Ruiqi ZHANG (Tohoku Univ.)	I03-07 Promotion of branch formation in <i>Acropora muricata</i> exposed to electric fields Yuji NAMURA (Kochi Univ)	J03-07 Turnip mosaic virus infection increases resource allocation in flowers of perennial <i>Arabidopsls</i> Miyabi OTSUBO (Kyoto Univ.)	K03-07 Radiocarbon and nitrogen isotopes in honey bees reflect urban air pollution Fujio HYODO (Okayama Univ.)	L03-07 How do indirect effects influence the specialist/generalist balance of herbivores? Toshiyuki NAMBA (Osaka Metropolitan University)	M03-07 The Impacts of Smart Agriculture on Land Use, Landscape Patterns and Ecosystem Services under Depopulating Trends: A Scenario Analysis of Sado City Taira ISHIGURO (The University of Tokyo)
15:45		G03-11 Practice and effectiveness of inclusive biodiversity education using environmental DNA analysis and dietary activities Tatsuya SAGA (Kobe Univ.)	H03-08 Genetic structure in plant-soil feedback leads to different successional outcomes Shiang-chi HUANG (Taiwan Univ.)	I03-08 Territory vs sneaker: the time investing game of alternative mating strategies Satoshi SAKAI (Tokyo Metropolitan Univ.)	J03-08 Does qualitative pollen limitation occur in seed set of dioecious plants? Yusuke HOSHINO (Tohoku University)	K03-08 Nitrogen isotope fractionation associated with deamination of glutamic acid: Implications for food-web ecology Naoto F. ISHIKAWA (JAMSTEC)	L03-08 The general rule of trait responses and the fundamental theorem of eco-evolutionary dynamics in communities under stress Yoshinari TANAKA (Sophia Univ.)	M03-08 Stability Analysis of Paddy Field Ecosystems in Tochigi Prefecture through the citizen data from paddy waters animal surveys Haru YOSHIDA (Obihiro Univ.)
16:00		G03-12 Plant diversity at Kyoto Botanical Gardens: ex situ conservation of Japanese endangered species and long-term management of the Ecological Garden Nobuko MITSUMATA (Doshisha University)	H03-09 Landscape genetics of a carnivorous pitcher plant and its arthropod metacommunity David ARMITAGE (OIST)	I03-09 The evidence that juvenile hormone regulates male dimorphism in <i>Amantis nawai</i> Zih-ting CHANG (National Taiwan University)	J03-09 Recent Large-Scale Flowering Events in Bamboos Keito KOBAYASHI (FFPRI Kansai)	K03-09 Integrated multi-isotope model to assess nutrient balances in watershed ecosystems: Application of phosphate oxygen isotope Takuya ISHIDA (Hiroshima Univ.)	L03-09 Mathematical modeling of dynamical species abundance distribution based on maximum information entropy method Kaito UMEMURA (Kobe University)	M03-09 Landslides Foster Aquatic Biodiversity: Exploring Environmental Drivers through Irrigation Ponds Yuya OSEKI (Aquatic Chaos)
16:15		G03-13 Dancing on Linnaeus' palm: Divergence of species scapes between ecologists and taxonomists Ryota HAYASHI (Nippon Koei Co., Ltd.)	H03-10 Spatial and seasonal variation in eelgrass in Furen and Notsuke Bay, Hokkaido Matthew vincent Geroso TABILOG (Hokkaido Univ.)	I03-10 Which factors influence reproductive mode shifts in paedogenetic gall midges? Fumito YANO (Kagoshima Univ.)	J03-10 Reproductive success of small-scale flowering in <i>Sasa</i> sect <i>Sasa</i> : a comparison with mass flowering Risa OGAWA (Yamagata University)	K03-10 Animals promote efficient N, P cycling in low nutrient rivers HIROMI UNO (Tohoku University)	L03-10 Evolution of interspecific competition focusing on the switching of fitness functions Koichi ITO (Doshisha Univ.)	M03-10 Estimating seaweed bed distribution in deeper part of subtidal zone Masahiro NAKAOKA (Hokkaido University)
16:30		G03-14 Thirty years of change in firewood sustainability: A socio-ecological assessment in Lake Malawi National Park Tamano HAYASHI (Ryukoku University)			J03-11 Size-related shifts in trait relationships across co-occurring tropical tree species in a Peninsular Malaysian lowland rainforest Yoshiko IIDA (FFPRI)	K03-11 Nitrogen cycling in the snowpack of forested areas on Mt. Gassan, Yamagata Prefecture Masato ONO (Kyoto Univ.)	L03-11 F-statistics of ferns - Effects of reproductive mode and spacial structure Kazuhiro BESSHO (Saitama Medical Univ.)	M03-11 AI-Based Analysis of Changes in Homestead Woodlands in the Tonami Plain, Toyama, Japan Natsuko KAWAHIGASHI (Kyoto University)
16:45		G03-15 Citizen-Reported Mammal Dynamics: A Socio-Ecological Study Utilizing 10,000 Roadkill Records Shoma JINGU (FFPRI)				K03-12 Quantative assessment of non-utilized resources and their agricultural use on national and prefectural scales Shinichiro MISHIMA (NARO Ins. Agri-Env. Sciences)	L03-12 Can sexy sons survive in the population mating with local individuals? Kazunori SATO (Shizuoka Univ.)	M03-12 Environmental education programs developed through international collaboration Aya HATADA (KUFS)