Oral presentations 3/16(Sat) 9:15-10:45 E English Sessions: All presentations are given in English * Only the first presenter is listed. Full author list is available at <https://esj.ne.jp/meeting/abst/71/oral_index.html>

	E Room A	E Room B	E Room C	Room D	Room E	Room F	Room G	Room H
Time	Animal community	Biodiversity	Conservation	Life history of plants	Landscape ecology	Introduced species	Ecosystem management	Evolution
9:15	A01-01 Importance of habitat complexity for benthic assemblages on bedrock stream Hiromi SAITO (Tokai Univ.)	B01-01 Impact of agricultural management and landscape on dung beetle communities in Hokkaido, Japan: balancing farming with conservation Hazuki ECHIGO (Hokkaido Univ.)	C01-01 How do differences in urban micro-physical environments affect the distribution of mosses?: Case study in Sapporo, Japan Nagisa SUGAHARA (Hokkaido Univ.)	D01-01 Caught in the Wheat: How Farmland Weeds Are Shaped by Their Crop Hosts Makihiko IKEGAMI (NIES)	E01-01 Using iso-logging to trace the migratory patterns of skipjack tuna (<i>Katsuwonus pelamis</i>) Jun MATSUBAYASHI (Jun Matsubayashi)	F01-01 Invasion of invasive alien social insects and the forefront of establishing the control system Hironori SAKAMOTO (NIES)	G01-01 The impacts of global forest loss on biodiversity induced by agricultural production and consumption Shinoda YUSHIN (NIES)	H01-01 Ecological impacts of the evolution of a pleiotropic gene in sticklebacks Aldy Anindyawan SUTRISNO (The University of Tokyo)
9:30	A01-02 Use of environmental DNA for revealing abundance- occupancy patterns in riverine fish assemblages Seiji MIYAZONO (Yamaguchi Univ.)	B01-02 CAN TROPICAL AGRICULTURAL LANDSCAPES SUPPORT FOREST BIRD BIODIVERSITY?: IMPLICATION FOR LAND SHARING AND SPARING STRATEGY IN SOUTHEAST ASIA Ku noor khalidah Binti KU HALIM (Hiroshima University)	C01-02 Quantitative assessment of extinction risk for 3,180 vascular plant species in Kanagawa, Japan Chihiro MYOTOISHI (Kyushu Univ.)	D01-02 Flowering <i>Phyllostachys nigra</i> var. <i>henonis</i> in Ishigane settlement site, Iwami-Ginzan silver mine Shigeo SUZUKI (Komazawa Univ.) Plant reproduction	E01-02 What forest roads do mammals use?: Effects of environmental factors varying with management intensity Mio SUZUKI (Yamagata Univ.)	F01-02 Evaluation of effects of raccoon nest box trap that does not require food to induce Kazunori TANAKA (Hokkaido Univ.)	G01-02 Forest degradation asessment in mountain forests of the Andes- Amazon region Kazuki MIYAMOTO (FFPRI)	H01-02 Testing the predictability of short-term evolution: a case study of the rapid evolution of threespine stickleback plate number in Lake Washington Yo YAMASAKI (National Institute of Genetics)
9:45	A01-03 Functional roles of sound production in seven cichlid species of Lake Tanganyika Ryoichi INOUE (Osaka Metropolitan Univ.)	B01-03 A comparative analysis of biodiversity between organically and conventionally managed agricultural soils. MD ARIFUL HAQUE (Grad, University of Toyama)	C01-03 What facotrs determine the implementation intensity of nature-baededucational programs in public greenspace? Mizuki TAMARI (Tokyo univ.)	D01-03 Follow-up research on seagrass bed formed after coastal landslide: what happens to intertidal <i>Zostera asiatica</i> Minako Abe ITO	E01-03 Birds prefer landscape elements in different scales: a case study in Sakai River, Sagamihara Yutaro MASUDA (Tokyo Metropolitan University)	F01-03 Life history and origin of the introduced trematode infecting Japanese snakes. Tsukasa WAKI (Toho Univ.)	G01-03 Changes in gravel riverbed and water level Toward predicting potential habitat for riverside plants Yasuhiro NOYA (Yokohama National University)	H01-03 The genomic basis of sympatric speciation in fishes of Oryzias in Lake Poso, Indonesia Ryo KAKIOKA (Univ. Ryukyus)
10:00	A01-04 Temporal, spatial, and dietary niche partitioning among snake species on Sado Island Kiyoto SAWADA (Tsukuba Univ.)	B01-04 Does species aggregation distribution pattern mitigate the extinction debts of Orchid species in urban ecosystems? Xi SUN (Yokohama National Univ.)	C01-04 Exposure vs Experience: influence of contact with nature on pro-nature attitudes and behaviour Yutaro AOTA (Tokyo Univ.)	(NMNS.Hokkaido Univ.) D01-04 Ecological impact of nonylphenol to the sex ration of cucumber flowers Ayato YASUDA (Fac Agric,Kindai Univ)	E01-04 Functional diversity of woody plant communities in urban forests: Management implications based on a study in Tsukuba Science City, Japan Yuki HIGASHI (University of Tsukuba)	F01-04 Environmental DNA haplotyping revealed the dispersal process of three invasive black basses in Japan Kei WAKIMURA (Osaka Ohtani Univ.)	G01-04 Changes in biological communities due to coastal dune restoration on the beach Haruko UENO (Hokkaido Univ.)	H01-04 Demography and genome differentiation patterns of three sympatric lacustrine medaka species experiencing secondary contact. Mizuki HOROIWA (Ryukyu Univ.)
10:15	A01-05 Acoustic Monitoring of Bat Species Diversity in Ashiu Forest, Kyoto Fay TAYLOR (Kyoto University)	B01-05 Non-additively effects of genetic heterogeneity on the collective behavior in <i>Drosophila melanogaste</i> Takahira OKUYAMA (Grad. Sci. Eng., Chiba Univ.)	C01-05 State of Taiwan's Birds and Conservation Strategies Da-li LIN (Taiwan Biodiversity RI.)	D01-05 Evolution of delayed fertilization revealed by seasonal pollen Tube growth and ovule development in Lithocarpus edulis Takenori SHAGAWA (Kyushu Univ.)	E01-05 Assessing the recovery of vegetation after typhoon- induces forest windfall using time-series satellite images Seiya ABE (CRIEPI)	F01-05 Examination of Bluegill (Lepomis macrochirus) spawning in Lake Nojiri, and management implications for native species and invasive sportfish Miles Isao PETERSON (University of Tsukuba)	G01-05 Distribution, use, conservation, and management of seagrass and macroalgae foundation species: challenges under climate change Hiroya ABE (NIES)	H01-05 Population range expansion before secondary contact promotes heterosis Ryo YAMAGUCHI (Hokkaido Univ.)
10:30								

Oral presentations 3/16(Sat) 10:45-12:00 E English Sessions: All presentations are given in English * Only the first presenter is listed. Full author list is available at https://esi.ne.jp/meeting/abst/71/oral_index.html

	E Room A	E Room B	E Room C	Room D	Room E	Room F	Room G	Room H
Time	Animal community	Biodiversity	Conservation	Plant ecophysiology	Landscape ecology	Introduced species	Ecosystem management	Evolution
10:45	A01-06 Sika deer and wild boar alter their diurnal and seasonal activity pattern in residential area. Nasratullah ELHAM (Hiroshima University) A01-07 Drastic changes in the density of three herbivore species on the Boso Peninsula	B01-06 When islands are organisms: bird's nest ferns (<i>Asplenium</i> <i>nidus</i>) as a novel system for studying microbial community assembly Yu-pei TSENG (National Taiwan University) B01-07 Boosting biodiversity monitoring using smartphone-driven, rapidly accumulating	C01-06 Captive environments in Japan shapes the gut microbiota of giant pandas Xueying WANG (Hokkaido University) C01-07 Tracing temporal spread of non-native freshwater shrimp for invasion risk prediction by machine	D01-06 The absorption capacity of three tree species for trace metal elements in urban green spaces. Yoshiki NAGAI (Tokyo Metropolitan University) D01-07 Heavy-metal Tolerance in Phragmites australis at Mill tailings Pond and Chemical Functions of Endophytic Fungi Involved in Heavy-metal	E01-06 Social Sensing for Cherry Blossom Phenology Narumasa TSUTSUMIDA (Saitama Univ.) Animal population E01-07 Eco-Evolutionary Dynamics: Mathematical Analysis of 'Mimics Without Models'	F01-06 Effects of the eradication of invasive common carp on aquatic insect communities in irrigational ponds Reiya WATANABE (University of Hyogo) F01-07 Assessing the large-scale distribution of the non-native Red-billed Blue Magpie and its impacts on native bird species	G01-06 A comparative study of population management approaches in infectious disease, fisheries and wildlife management, and integrated pest management Hiroyuki MATSUDA (Yokohama National University) Mathematical ecology G01-07 Rebound after stopping antiviral drugs	H01-06 Dynamics of a one-host-two symbiont system migrating two patches: maintaining diversity through non- synchronization. Masakazu SHIMADA (AIST · ERATO) H01-07 Mutualism dissolution by pathogen invasion Ryosuke IRITANI (RIKEN iTHEMS)
	Akane KANDA (Nihon Univ.)	community-sourced data Keisuke ATSUMI (Biome Inc)	learning Keisuke ONUKI (Kyoto Univ.)	Accumulation Miyu OKUMA (Univ. of Tsukuba)	Haruto TOMIZUKA (Tokyo Metropolitan University)	in Shikoku Hirohito MATSUDA (Kochi Univ.)	Rena HAYASHI (Kyushu Univ.)	
11:15	A01-08 Ant assemblages in epiphytic habitats of subtropical wetland forests Kohei NAKATSUJI (Tokyo	B01-08 Insect community assembly across vertical forest strata: using artifical tree holl as a model	C01-08 Improving large-scale evaluation model of ecosystem services in tropical production forests using satellite and drone aerial images Kotaro KOMATSU (Kyoto Univ. Forest Ecology)	D01-08 Clarification of Heavy-metal Tolerance Mechanisms in <i>Polygonum thunbergii</i> Growing Naturally in Mine Pond Considering Root Endophytic Bacteria	E01-08 Detection of hybrids among cryptic species and elucidation of genetic differentiation among sites in <i>Seriatopora</i> by genome-wide SNP analysis	F01-08 Ecological risk of alien land nemertea in Ogasawra Islands Toshio KISHIMOTO (Mus. Nat. Env. Hist., Shizuoka)	G01-08 Interaction of community structure, behavior and host manipulation on the simulated transmission dynamics of <i>Echinococcus multilocularis</i> Kensuke MORI (CER, Kyoto	H01-08 Exploration of sex chromosome, and karyotype analysis in the Japanese dry-wood termite, Neotermes sugioi Takahiro MURAKAMI
	Univ. Agri. Tech.)	Yuichi ISAKA (XTBG)		Mitsuki YACHI (Univ. of Tsukuba)	Yuichi NAKAJIMA (NIES)	Behavior	Univ.)	(Kyushu University)
11:30	A01-09 Differences in functional traits of ant assemblages between vertical strata of a temperate forest Kanata INOUE (Tokyo Univ. Agri. Tech.)	B01-09 Low accuracy in group - level coefficient estimates in separate fittings of GLMMs Masatoshi KATABUCHI (XTBG, CAS)	C01-09 Estimation of Deadwood Production as a Firewood Resource in the Miombo Woodland of Lake Malawi National Park. Tamano HAYASHI (Ryukoku University)	D01-09 The effects of root endophytic fungi on the growth and heavy metal tolerance of <i>Miscanthus sinensis</i> in the transplant experiment at a mine site Xingyan LU (Univ. of Tsukuba)	E01-09 Dependence on the watershed in the genetic structure of spring-dependent animals: comparison of three species with different migratory abilities Yuna HIRANO (NIES)	F01-09 How does the activity time of Tokyo's suburban raccoon dogs differ from city centre raccoon dogs Shogo FUJITA (TUAT. Univ)	G01-09 The coexistence of two parasitoids resulting from the timing differentiation about oviposition and predation on the host Ryuichiro ISSHIKI (Kyoto Univ.)	H01-09 Divergent endocrine-genetic basis underlying convergent evolution of aggressive behavior in a reproductive territorial context Haruka YAMAZAKI (Kyushu Univ.)
11:45	A01-10 An equation-free Bayesian method for the inference of state-dependent ecological interactions with time series data Taiju YUKIHIRA (Tohoku Univ.)		C01-10 From space to water surface: the potential of remote sensing methods for coral reef monitoring Nurrahman ANDRIANTO (AMBL,Kyushu University)	D01-10 Clarification of Tolerance Mechanism in <i>Miscanthus</i> <i>sinensis</i> Growing at a Sedimentary Site Involving an Endophyte Yuta MATSUSHIRO (Univ. of Tsukuba)	E01-10 Using Bioacoustic Monitoring for Spatial Tracking of Silver Croaker (<i>Pennahia argentata</i>) during courtship Keisuke OHTA (Tohoku Univ.)	F01-10 A study of mammalian usage of urban vegetation and suburban forests. Kouki YAMAMOTO (Kyoto Univ.)	G01-10 Can host plant specificity explain high diversity of phytophagous insects? Toshiyuki NAMBA (Osaka Metropolitan University)	H01-10 Epigenetic responses to artificial light at night and urban adaptation in <i>Drosophila</i> Natsumi TAKENAKA (Grad. Sci. Eng., Chiba Univ.)

Oral presentations 3/16(Sat) 15:15-16:30 E English Sessions: All presentations are given in English * Only the first presenter is listed. Full author list is available at https://esi.ne.jp/meeting/abst/71/oral_index.html

	E Room A	E Room B	Room C (open-call session)	Room D	Room E	Room F	Room G	Room H
Time	Material cycling / Fungi and microbes / Ecosystem management	Animal-plant interaction		Plant ecophysiology	Animal population	Behavior	Mathematical ecology	Evolution
15:15	A02-01	B02-01	C02-01	D02-01	E02-01	F02-01	G02-01	H02-01
	Contribution of	Flower-breeding	Ecology of Japanese	Functions of Rhizoplane	Range shift of northern	Appearance and estimate	Seasonality of BVOC	ktch: a Python package
	complexity and stability of	Drosophila elegans	Cormorant Used for	Microorganisms and Root	pikas: comparison	of the distribution of	production by trees as the	for model-based
	fungal community to	selectively uses flowers	Cormorant Fishing:	Endophytes of Aucuba	between habitat resurvey	Pacific white-sided	optimal defense schedule	morphometrics
	multifunctionality in the	for reproduction or	Habituation Process and	<i>japonica</i> , Naturally	results and species	dolphin (Lagenorhynchus	Yoh IWASA (Kyushu	Koji NOSHITA (Kyushu
	Arctic	feeding	Life History and Individual	Growing at a MIne Site	distribution model	<i>obliquidens</i>) in Volcano	University)	University)
	Xinyu XU (The Univ. of	Munehiro KATSURA	Relationships in Captivity	Kohei DOYAMA (AIST,Univ.	predictions	Bay, Hokkaido, Japan		
	Tokyo)	(Nagoya Univ.)	Kayoko O. KAMEDA (Lake	of Tsukuba)	Tomoki SAKIYAMA	Natsumi KUROSAKI (Tokai		
			Biwa Museum)		(Hokkaido Univ.)	Univ.)		
15:30	A02-02	B02-02	C02-02	D02-02	E02-02	F02-02	G02-02	H02-02
	Trait-based community	The role of epidermal	Fecal condition and gut	Clarification of	Estimatiing the dynamics	Relationship between	Theoretical analysis of	Changing additive genetic
	assembly in early	papillate cells on the	microbiota of Nara sika	mechanisms that	of a raccoon dog	oxygen consumption rate	the evolution of BVOC-	variance and covariance
	successional tropical wet	calyx tube in the	deer affected by tourist	Miscanthus sinensis	population using animal	and heart rate of resting	mediated intra- and inter-	within a species causes
	forests in Ghana	pollination of the genus	number dynamics during	contributes to survival of	rescue data	streaked shearwater	plant communication	evolution of male
	Tomonari MATSUO	Aristolochia	a pandemic.	<i>Pinus densiflora</i> at a	Ryota MATSUYAMA	Shunya HASEGAWA (The	Sotaro HIROSE (Kyushu	dimorphism
	(Wageningen University)	Junnan LI (CER, Kyoto	Ryo AKASHI (Hokkaido	sedimentary site	(Rakuno Gakuen	University of Tokyo)	Univ.)	Keiichi MORITA
		University)	univ.)	Toshikatsu HARUMA	University)			(SOKENDAI)
				(FFPRI)				
15:45	A02-03	B02-03	C02-03	D02-03	E02-03	F02-03	G02-03	H02-03
	Soil microbial resource-	Nocturnal pollination	An Examination of	Does the species of	Does hunting limit the	Experimental estimation	Evolution of cooperation	Generality of ontogenetic
	uses and enzyme	services by moths on	International Conventions	filamentous fungus widely	growth of a Japanese sika	of the active-to-passive	without kinship or	change in individual
	activities along a gradient	buckwheat, a neglected	Adopted Agroecology	found in the parent plants	deer Cervus nippon	drag ratio in swimming	reciprocity	respiration of trees and
	of forest degradation in	function of common	Mariko OBARI (Tsukuba	of <i>Fallopia japonica</i> in the	population?: locality and	sea turtles	Hideo EZOE (Osaka	fishes
	logged-over tropical rain	insects	Univ.)	Tama region infect	density-dependency	Kenta KURODA (AORI)	Metropol. Univ.)	Shigeta MORI (Yamagata
	forests, Borneo	Yuta NAGANO (The Univ.		offspring through seeds?	Mayumi UENO (Hokkaido			Univ.)
	Linzi JIANG (Kyoto Univ.)	of Tokyo)		Miki NAKANO (Tokyo	Research Org.)			
				Metropolitan University)				
16:00	A02-04	B02-04	C02-04	D02-04	E02-04	F02-04	G02-04	H02-04
10.00	Microbial communities	Ecological significance of	Tendency in the Use of	Introduction of digital	Development and	Tracing of the Hokuriku	Metapopulation dynamics	The legacy of
	associated with nitrogen	intraspecific variation in	Scientific Illustration in	devices for the monitoring	examination of	Salamander(Hynobius	with several states of	biogeographic history
	transformation in canopy	flowering phenology of a	the Permanent	of plant ecophysiology	aggregation methods to	<i>takedai</i>) non-breeding	occupied patches	explains the interspecific
	soils on large cedars in	spring ephemeral herb,	Exhibitions of Natural	Yoshiyuki MIYAZAWA	optimize forecasting	season using microtip.	Kazunori SATO (Shizuoka	variation of avian
	Yakushima, Japan	Corydalis ambigua	History Museums	(Kyushu University)	population dynamics	Maho NAKAMURA	Univ.)	migratory routes
	Koki SUEYOSHI (Kobe	Hai xiang LIEW (Hokkaido	Mengyun QIU (Nihon Univ.)		Gen IWASHITA (Tohoku	(Kokudokaihatsucenter		Daisuke AOKI
	Univ.)	University)			Univ.)	Co.,Ltd)		(FFPRI,Hokkaido Univ.,N.
								Brown shrike Conserv Gr.)
16.15								
16:15								

Oral presentations 3/16(Sat) 16:30-17:45 English Sessions: All presentations are given in English * Only the first presenter is listed. Full author list is available at https://esi.ne.jp/meeting/abst/71/oral_index.html

	E Room A	E Room B	Room C (open-call session)	Room D	Room E	Room F	Room G	Room H
Time	Material cycling / Fungi and microbes / Ecosystem management	Animal-plant interaction	Ecology and human culture	Plant ecophysiology	Animal community	Behavior	Mathematical ecology	Conservation
16:30	A02-05	B02-05	C02-05	D02-05	E02-05	F02-05	G02-05	H02-05
	Effects of surface land	Discovery of a novel	Ecology and social	Possible effects of spectral	Demonstrating Regime	Does predation risk cause	Thermodynamic insights	Habitat selection of
	use and meteorological	mutualism between	communication: the	radiation absorption	Shifts with Critical	differences in the shell-	into microbial community	female field crickets in
	conditions on the	Macrostemon and	relationship between	characteristics of conifer	Transirion in Natural	fighting behavior of the	development: stability vs.	noise-exposed
	bioaerosol phase at the	Nipponorhynchus	literature, art, and education	leaves on the response to	Ecosystems	hermit crab Pagurus	energy use	environments.
	air-land interface	Marika YAMAGUCHI	Mitsuru TADA (Nat. Inst.	global warming	RIKU FUKASAWA (Tohoku	minutus?	Mayumi SETO (Nara	Keisuke NAKAOKA (Env.
	Rohit BANGAY (Kanazawa	(Tokyo Metropolitan Univ.)	Environ. Stud.)	Atsushi KUME (Kyushu	University)	Tsunenori KOGA	Women's University)	Sci.,Hokkaido Univ.)
	University)		Ecology and human culture	Univ.)		(Wakayama Univ.)		
16:45	A02-06	B02-06	C02-06	D02-06	E02-06	F02-06	G02-06	H02-06
	Relationships of above-ground	The aggregation of	Ecological anthropological	Effects of NO ₃ :NH ₄	Seasonal changes in	Quantification of the	Litter transport governs	Is the Giant Water
	biomass with climate and	herbivorous insects as a	study on the impact of	balance on the	interspecific interactions of	mimetic trait of butterflies	sensitivity of equilibrium	Scavenger Beetle
	species composition across	response to chemical	water pollution on the	photophysiology of	carnivores in a heavy snowfall	by CNN imitating	to decomposition activity	(Hydrophilus acuminatus)
	Japanese natural forests:	landscapes formed through	mangrove forests and local	natural algal communities	area: behavioral evaluation	predator's color vision	Atsushi YAMAUCHI (Kyoto	an indicator species for
	which types of forests stock	plant community structure	communities in the coastal	Takehiro KAZAMA (Kobe	using artificial feeding sites	Kai AMINO (The Univ. of	Univ.)	aquatic insect hotspots ?
	more carbon?	Haruna OHSAKI (Tokyo	areas of Mumbai, India	University)	Hinako TAKASAKI	Tokyo)		Motonari YAMANAKA
	Hirofumi KAJINO (Tohoku University)	Metropolitan Univ.,JSPS Research Fellow (PD))	Karin URUMA (Kyoto Univ.)		(Yamagata University)			(University of Tsukuba)
17:00	A02-07	B02-07	C02-07	D02-07	E02-07	F02-07	G02-07	H02-07
11100	Are limestone soils	Does remnant forest in	Beyond bees: a cross-	Diversity of the light-	Seasonal variations in	Predator egg rolling	Interpretation of	Population of an
	oligotrophic or eutrophic?:	urban landscape shape	country investigation into	sensing type for bud burst	communities of Aculeata	behavior in a social spider	coefficients in	endangered Japanese
	from the perspective of	the evolution of white	public perceptions of	in Acer species	bees and wasps in	mite - Exploring the	Generalized Linear	unionid in an agricultural
	nutrient-use efficiency and	clover?	insect-mediated crop-	Misuzu OHNO (Iwate	deciduous broadleaved	purpose from the details	Models with interaction	reservoir
	rhizosphere effects by tree	Tomoki ISHIGURO (Env.	pollination services	University)	forests of Kyushu, Japan.	of the behavior	terms	Hiroki HATA (GSSE, Ehime
	species	Science, Hokkaido Univ.)	Masari DATE (Tokyo Univ.)		Kazushige UEMORI	Mayu TAHARA (Tsukuba	Eiiti KASUYA (Osaka	Univ.)
	Rimato SHIBA (Kyoto Univ. Forest Ecology)				(Kyushu Univ.)	Univ.)	Metropolitan University)	
17:15	A02-08	B02-08	C02-08	D02-08	E02-08	F02-08	G02-08	H02-08
11110	Development of vegetation	Synergistic effects of	How should primate	Stump sprout dynamics for	Responses of soil	Lengthy struggle between	Ecology and philosophy of	Integration of long-term
	structural complexity in an	predation and parasitism	bushmeat hunting be	two years after cutting in 76-	macrofauna against	Giant mealworm decrease	science: Discussion about	habitat changes and
	enrichment oil palm	on competition between	managed?: A case study in	year-old deciduous broad-	Japanese oak wilt	loser's fitness	ecological laws	biodiversity trends: an
	plantation (Sumatra,	edible and inedible	Southeastern Cameroonian	leaved forest with different	recently occurred	Matsuura TERUHISA	Kenichiro SHIMATANI (Inst.	example form coastal
	Indonesia)	phytoplankton	rainforest region	logging methods in western	Yuto MURAKAMI (Fac.	(Okayama Univ.)	Staistical Mathematics)	waterbirds in Japan
	Tatsuro KIKUCHI	Minoru KASADA (Tohoku	Yuji AKAOKA (Kyoto	Japan	Agric., Kindai Univ.)			Takehiko SHIMIZU
	(University of Goettingen)	Univ.)	University (ASAFAS))	Naoko H. MIKI (Okayama University)				(Hokkaido University)
17:30	A02-09	B02-09	C02-09	entrolotty/	E02-09	F02-09		H02-09
	Fifty-year Dynamics of	An annual parasite plant	Policy diffusion in global		The formation mechanisms of	Swimming behavior of the		Ground-based
	Organic Matter Decomposition	Cuscuta campestris	biodiversity conservation:		sandy shore beetle	ground cricket		illumination disrupts
	Following Soil-scarification	mediates the coexistence	Learning, competition, coercion, and emulation amidst US-China		communities ~Determinant	Dianemobius csikii on the		migrating birds' behavior
	Practices : Comparing Natural	of its host annual plants	great-power politics		factor of similarity between	running water		Sachiko OSADA (Hokkaido
	Regeneration and	Naoto SHINOHARA (Kyoto	Hubert CHEUNG (Sapienza		sandy shores in Goto islands~	Tatsuru KUGA (Hiroshima		Univ)
	Monospecies Planting Rie TAKEUCHI (Yokohama	Univ.)	University of Rome, The University		Hiroto UENO (Kyushu Univ.	City Insectarium)		
	NIE LANEUUHI (YOKONAMA		of Tokyo,Northern Arizona		ISGS)			

Oral presentations 3/17(Sun) 9:00-10:15 English Sessions: All presentations are given in English * Only the first presenter is listed. Full author list is available at https://esi.ne.jp/meeting/abst/71/oral_index.html

	E Room A	E Room B	Room C (open-call session)	Room D	Room E	Room F	Room G	Room H
Time	Plant ecophysiology	Evolution	Sociality, Cognitive ecology	Plant population	Life history of animals	Animal-plant interaction	Fungi and microbes	Conservation
9:00	A03-01 How do the stomata of nine canopy tree species in the Borneo rainforest respond to changes in atmospheric drought? Shoko TSUJI (Kyoto Univ.)	B03-01 Patterns of fern community assembly throughout the American continent: Do the mechanisms of species diversification also vary with latitude? Jose Said GUTIERREZ-ORTEGA (RIKEN iTHEMS)	C03-01 Recognition mechanism of fruit flies using the three- dimensional structure as a cue to identify the center of a flower Yuki ISHIKAWA (Nagoya University)	D03-01 Relationship between growth and tree ring stable isotopes of deciduous broadleaves and conifers in a hemiboreal forest Satoshi SUZUKI (Univ. Tokyo)	E03-01 Estimation of larval and adult mortality and growth rates using an amphibian metamorphosis model Noriko IWAI (TUAT)	F03-01 Seed dispersal by sika deer in Hokkaido: species composition, gut passage, and dispersal distance Yoshihiro TSUNAMOTO (Hokkaido Res. Org.)	G03-01 Cell motility machinery involved in interspecies interaction between unicellular cyanobacteria and filamentous bacteria Megumi KONO (Tokyo Metropolitan Univ.)	H03-01 A study of the relationship between onshore wind power and raptor behaviour. Yuri MORIHARA (Nippon Koei Co., Ltd.)
9:15	A03-02 Community phytochemistry of mangrove forests at their northern range margins David ARMITAGE (OIST)	B03-02 Evolution of realized niche breadth diversity driven by community dynamics Daisuke KYOGOKU (Mus Nat Hum Act)	C03-02 Context-dependent selection of behavior in a simple visual landmark Yusuke Notomi yusuke NOTOMI (Univ. Tokyo)	D03-02 Inter-population variation in annual variation of the budburst date in Siebold's beech: local adaptation to spatial variation of the late- frost date Kiyoshi ISHIDA (Hirosaki Univ.)	E03-02 Mmovement pattern of the Japanese Wood Pigeon in Izu Islands Haruko ANDO (NIES)	F03-02 Potential of epizoochorous seed dispersal by terrestrial birds using dummies. Kanon SATO (TUAT)	G03-02 Abiotic and biotic factors affecting soil microbial communities in forests across the Japanese archipelago Fujio HYODO (Okayama Univ.) Material cycling	H03-02 Conservation genomics of the endangered avian species in Japan: genetic diversities of Golden eagle and Okinawa rail Yu SATO (Kyoto Univ. WRC,Univ. of the Edinburgh, UK)
9:30	A03-03 Ecoevolutionary implications of interspecific hybridization in tree adaptation Yumeko TARUSAWA (Kyoto Univ.)	B03-03 Parent-offspring conflict and sex chromosomes Thomas HITCHCOCK (iTHEMS, RIKEN)	C03-03 Why we love/hate nature? A proporsal for evolutionary environmental psychology Yuya FUKANO (Chiba Univ.) E Sociality, Cognitive ecology	D03-03 Does the vertical distribution of soil resources experienced by the parent ramet affect the spatial root distributions of offspring ramets? Kohei OMURA (Tokyo Metropolitan University)	E03-03 Flying day or night? Morphological and ecological factors affecting the daily timing of bird migration Shunsuke HORI (Hokkaido Univ.)	F03-03 What color is the ripe fruit of Ampelopsis glandulosa? Evaluation based on fruit characteristics and fruits eaten by birds Shumpei KITAMURA (Ishikawa Pref. Univ.)	G03-03 Estimting the gross primary production and ecosystem respiration in the Murrumbidgee River, an inland river of Australia Tsuyoshi KOBAYASHI (NSW Dept. Plan. Env.,Charles Sturt Univ.)	H03-03 Distributions of grassland birds and the effects of urbanization in Tsukuba city Hiroto NAMIKI (Tsukuba Univ.)
9:45	A03-04 Branching architecture affects genetic diversity within an individual tree Sou TOMIMOTO (Kyushu Univ.)	B03-04 Mitonuclear coevolution in a heteroplasmic Sulawesi medaka fish Handung NURYADI (TBRC, Ryukyus Univ.)	C03-04 Comparative study of termites movement: do workers and soldiers shows different pattern? Akiya SATOH (Tokyo Metropolitan Univ.)	D03-04 "Ecological impact assessment of <i>Trillium</i> <i>camschatcense</i> using life table response experiment and interstage flow matrix" Hiroyuki YOKOMIZO (NIES)	E03-04 Effects of salvage logging after shallow landslide on habitat selection of medium-sized mammals Kota HIROBE (Hokkaido Univ.)	F03-04 Selective feeding preferences of the duckweed weevil in relation to duckweed conditions and species Kano TAKAHASHI (Pref. Univ. of Hiroshima)	G03-04 Global termite methane emissions have been affected by climate and land-use changes AKIHIKO ITO (Univ. Tokyo)	H03-04 Do effects of traffic noise on distribution of bird communities vary with habitat vegetation? Ryusei SUZUKI (University of Tsukuba)
10:00	A03-05 How Gap Structures Mediate the Phenological Responses of Tree Seedlings to Decreased Snow in Boreal Forest? Yihan CAI (Hokkaido University)	B03-05 Landscape of cis-regulatory divergence between generalist and specialist anemonefish species Haruka YOSHIDA (Kyushu University)	C03-05 Evolution of the strategy to exit relationships in cooperative game Natsuki OGUSU (RIKEN)	D03-05 The study of intraspecific leaf shape variation in <i>Corydalis ambigua</i> Satomi YOSHIDA (Hirosaki Univ.)	E03-05 Potential for time-series diet reconstruction of Brown bears using stable isotope analysis of eye lenses Kazuki MIURA (HRO)	F03-05 Effects on the lengths of stinging hairs of the nettles by <i>Cervus nippon</i> and larvae of <i>Venessa indica</i> , in Nara Park Teiko KATO (Nara University of Education)	G03-05 What controls carbon dioxide flux in an oil palm plantation? Yoshiaki HATA (The University of Tokyo)	H03-05 Sound survey and analysis of bats in the Izu Islands, Japan. Ayumu NOZAKI (Tsukuba Univ.)
10:15								

Oral presentations 3/17(Sun) 10:30-11:45 E English Sessions: All presentations are given in English * Only the first presenter is listed. Full author list is available at https://esi.ne.jp/meeting/abst/71/oral_index.html

	E Room A	E Room B	Room C	Room D	Room E	Room F	Room G	Room H
Time	Plant ecophysiology	Evolution	Biodiversity	Plant population	Life history of animals	Animal-plant interaction	Material cycling	Conservation
10:30	A03-06 Effects of Seasonal Change and Cultivation Methods on the Quantities of Flavonoids Contained in Peels of <i>Citrus</i> <i>unshiu</i> Sakurako HAMADA (International Christian Univ.)	B03-06 Genomic landscape underlying transcriptome and epigenome adaptation in marine and freshwater sticklebacks Liang LIU (the University of Tokyo)	C03-06 Changes in plant diversity 10 years after the creation of artificial gap in sub- urban forests Kazunori SHIMADA (Tama For. Sci. Garden, FFPRI)	D03-06 Factors regulating the polymorphism in flower color of Campanula punctata Ruiqi ZHANG (Niigata Univ.)	E03-06 Pearl organ feeding: mysterious habit found in a Lake Malawi cichlid <i>Docimodus evelynae</i> Yuichi TAKEUCHI (Hokkaido Univ.)	F03-06 Can aggregated flowers be detected by pollinators from a distance?: exploring changes in flower detectability with inflorescence density Souta ANAZAWA (Tsukuba Univ)	G03-06 Microtopography-related variability of soil Methane flux in a small mountainous watershed Haruki WATANABE (Kyoto Univ.)	H03-06 Potential of environmental RNA as a tool to assess toxic effects in fish Kyoshiro HIKI (NIES)
10:45	A03-07 Dynamic changes in photosynthesis, fluorescence, and spectral reflectance of three poplar species under varying light intensity Jingqi ZHANG (Tohoku Univ.)	B03-07 Genetic basis of interspecific variation in salinity tolerance of Sulawesi medaka fishes Ilham Vemandra UTAMA (TBRC, Univ. Ryukyus,MZB, PRBE, BRIN)	C03-07 Aridity dependant grazing effects of ground-dwelling arthropod through grazing- induced changes in plant communities ISSEI NISHIMURA (Yokohama National University)	Plant community D03-07 What is the pre-empted space hypothesis? Toshihiro YAMADA (Hiroshima University)	E03-07 Comparative transcriptome of female and male cypris larvae in the rhizocephalan <i>Peltogasterella gracilis</i> Asami KAJIMOTO (Nara Women's University)	F03-07 The initial community assembly of arthropods on multiple willow species is influenced by both plant volatiles and priority effects. Kinuyo YONEYA (Kindai Univ.)	G03-07 Soil Evaporation and Its Effects to Evapotranspiration in a Japanese cypress forest Arisa KAMIYA (Kyoto Univ.)	H03-07 Dynamics of feral cats on Amami-Oshima Island revealed from stable isotope analysis and individual movement Asahi IZAWA (The University of Tokyo)
11:00	A03-08 Seasonal variations in plant- perceived critical wavelength ratios: plant ecophysiological perspective Amila Nuwan SIRIWARDANA (Kyushu University)	B03-08 The effects of climate change on the life history evolution of a long-lived, mycorrhizal orchid Eric Stephan HOLTON (University of Tokyo)	C03-08 Fauna and geographic genetic structure of Salticidae on forest floors in Ryukyus Mamoru ARAKI (Tokyo Metropolitan Univ.)	D03-08 Gap dynamics of a beech forest using aerial image of forest crown, forest census data, and tree ring Nanami SAKAZUME (Yamagata Univ.)	Animal reproduction E03-08 Sexual Transformation of the <i>Elthusa sacciger</i> on	F03-08 Fungal community composition of bitter gourd flowers: comparison between male and female flowers Shoko NAKAMURA (FFPRI)	G03-08 Effects of mowing understory vegetation on soil in riparian forests in eastern Hokkaido Akiharu SASAKI (Hokkaido University)	H03-08 Clarifying vulnerable life history processes to toxicants by multifaceted population matrix analyses Yoichi TSUZUKI (NIES)
11:15	A03-09 What is the most suitable deep learning-based software for analyzing fine root dynamics? Takuto YAMAGATA (Hyogo Univ.)	B03-09 Andromonoecy as a convergent resolution to intra-locus sexual conflict in bisexual flowers Kai-hsiu CHEN (University of Lausanne)	C03-09 Infestation of multiple southern species of ticks on Japanese black bear and wild boar in Tohoku Japan Hirotaka KOMINE (Yamagata University)	D03-09 How do natural forests in Hokkaido change under the current warming trend? Simulations with a dynamic vegetation model Hisashi SATO (JAMSTEC,The University of Tokyo)	E03-09 Relationship between seasonal changes in mature body size and sperm competition in the Japanese bobtail squid Tatsuya TODA (The University Tokyo)		G03-09 Trophic structure of arthropod food webs in vertical stratification of conifer plantations : A stable isotope analysis Atsushi SAITO (Tokyo Univ. Agri. Tech.)	H03-09 Ocean Microplastics from a Perspective of Shoes Sayaka MANABE (International Christian Univ.)
11:30		B03-10 Maximizing food acquisition in socially parasitic rove beetles through aggregating around termite queens Tomohiro NAKAZONO (Kyoto Univ.)	C03-10 Effect of developmental environments on wing interference patterns in Drosophila melanogaster Kazuo TAKAHASHI (Kanagawa University)		E03-10 How group-ovipositing locusts avoid oocide Koutaro MAENO (JIRCAS)		G03-10 Feasibly of "Stragety of Sustainable Food System" ~Assessment from fertilizer resources Shinichiro MISHIMA (NARO NIAES)	H03-10 A new conceptual model toward simultaneous solution of the multiple global environmental issues at multiple scales Reiichiro ISHII (RIHN)