

Schedule

Friday 7, September

Room	Friday 7, September					
	8:00-10:00	10:00-12:00	12:00-13:00	13:00-15:00	15:00-17:00	17:00-20:00
11	Headquarter					
12				Exhibition Booths 14:00~19:00		
13		Business Meeting 10:00~12:00	Business Meeting 12:00~13:00		Exhibition Booths 14:00~19:00	
14			Business Meeting 12:00~13:00		Exhibition Booths 14:00~19:00	
15		Business Meeting 10:00~12:00	Business Meeting 12:00~14:00	Business Meeting 14:00~17:00		F-03 17:30~19:30
16		Business Meeting 10:00~12:00	Business Meeting 12:00~14:00	Lounge 14:00~19:00		
21			Business Meeting 12:00~14:00		F-02 15:00~17:00	F-05 17:30~19:30
24			Business Meeting 12:00~14:00		F-01 15:00~17:00	F-04 17:30~19:30
25			Business Meeting 12:00~14:00	Business Meeting 14:00~16:00		
26				Symposium I 14:00~17:00		F-06 17:30~19:30
Student Lounge		Sales of lunch box 10:00~15:00				
Large Business room (2F)			Business Meeting 12:00~13:30	Business Meeting 14:00~15:30	Business Meeting 17:00~19:45	
EV side (1F)	Cloakroom 10:00~20:00					
Entrance	Reception desk and information 10:00~18:00					
Exhibition hall of food, Agricultural and Environmental Sciences	Nursery・lounge 8:30~17:00					

Saturday 8, September

Room	Saturday 8, September					
	8:00-10:00	10:00-12:00	12:00-13:00	13:00-15:00	15:00-17:00	17:00-20:00
11	Headquarter					
12		Exhibition Booths 9:00~17:00				
13		Exhibition Booths 9:00~17:00				
14		Exhibition Booths 9:00~17:00				
15		Oral presentations OC01-05 9:30~10:45	Lounge 10:45~17:00			
16		Lounge 9:00~18:00				
Gymnasium		Poster setting 8:30~10:00	Poster Session (10:00~17:00) Core time (11:30~12:30) ※Poster award target			
21		Oral presentations OB01-09 9:30~11:45				
23		Exhibition Booths 9:00~17:00				
24		Oral presentations OA01-06 9:30~11:00				
26		Oral presentations OD01-09 9:30~11:45				
30		Symposium II 9:30~12:00		General Meeting 13:30-15:00	Award Lectures 15:15~17:00	
Student Lounge		Sales of lunch box 10:00~15:00				
EV side (1F)		Cloakroom 8:30~17:00				
Entrance		Headquarter 8:30~17:00				
Exhibition hall of food, Agricultural and Environmental Sciences		Nursery・lounge 8:30~17:00				
Ina Seminar House *1						Banquet *1 18:00~20:00

*1: Please use shuttle buses to move from the venue to the seminar house.

Sunday 9, September

Room	Sunday 9, September					
	8:00-10:00	10:00-12:00	12:00-13:00	13:00-15:00	15:00-17:00	17:00-20:00
11	Headquarter					
12		Exhibition Booths 9:00~18:00				
13		Exhibition Booths 9:00~18:00				
14		Exhibition Booths 9:00~18:00				
15		Oral presentations OC06-13 9:30~11:30	Lounge 11:30~16:30		Oral presentations OC14-21 16:30~18:30	
16		Lounge 9:00~18:00				
Gymnasium		Poster Session (9:00~17:00) Core time (11:30~12:30) ※Non poster award targets				
21		Oral presentations OB10-16 9:30~11:15	Lunch meeting of small- medium carnivores 11:30-13:00		Oral presentations OB17-24 16:30~18:30	
23		Exhibition Booths・Lounge 9:00~18:00				
24		Oral presentations OA07-15 9:30~11:45			F-07 16:30~18:30	
26		Oral presentations OD10-18 9:30~11:45			F-08 16:30~18:30	
30			Public Symposium ① 13:00~16:00			
Student Lounge		Sales of lunch box 10:00~15:00				
EV side (1F)		Cloakroom 8:30~19:00				
Entrance		Headquarter 8:30~17:00				
Exhibition hall of food, Agricultural and Environmental Sciences		Nursery・lounge 8:30~17:00				

Monday 10, September

Room	Monday 10, September				
	8:00-10:00	10:00-12:00	12:00-13:00	13:00-15:00	15:00-17:00
11	Headquarter				
12		Exhibition Booths 9:00~13:00			
13		Exhibition Booths 9:00~13:00			
14		Exhibition Booths 9:00~13:00			
Gymnasium		Poster Session (9:00~12:00)			
23		Exhibition Booths* Lounge 9:00~13:00			
26		Public Symposium ② 9:30~12:30			
Student Lounge			Sales of lunch box 10:00~15:00		
EV side (1F)		Cloakroom 8:30~13:00			
Entrance		Headquarter 8:30~12:00			
Exhibition hall of food, Agricultural and Environmental Sciences		Nursery* lounge 8:30~12:00			

Please remove your poster by 13:00. Posters may be disposed by the committee after 13:30.

Symposium

Sep 9 (Sun) 13:00~16:00 Room 30

Public Symposium 1

Biodiversity created by Mountain areas in Shinshu

- 1 Geologic development of Japanese Islands and mountain ranges in Shinshu
Hitoshi Togashi
- 2 Molecular phylogeographic studies for aquatic insects and a mammalian water shrew
Koji Tojo
- 3 Morphological variation of Japanese large field mouse and effect of Central
Honshu mountains
Yuta Shintaku
- 4 Diversity of seasonal movements of Sika deer in mountainous areas
Akiko Takii

Sep 10 (Mon) 9:30~12:30 Room 26

Public Symposium 2

Feeding Enrichment for Zoo animals

- 1 Comparative nutrition science and bacteriology of the zoo animals
Kazunari USHIDA
- 2 Chemical analysis and seasonal changes of feeding diets of zoo animals
Masato YAYOTA
- 3 Animal welfare for zoo animal - problems and solutions- Assoc
Ken-ichi TAKEDA
- 4 Feeding methods with consideration for animal welfare in a zoo
Yumi YAMANASHI
- 5 Introduction of Japanese Society for Captive wildanimals nutrition ?establish and future-
Tetsuo MORITA

Sep 7 (Fri) 14:00~17:00 Room 26

S-1

Recent topics about the utilization of camera trapping data
Hayato Iijima, Yoshihiro Nakashima, Masaki Ando

Sep 8 (Sat) 9:30~12:00 Room 30

S-2

Mammalogy in Carnivora and Advanced Research

Ryuichi Masuda, Kohji Uraguchi, Yoshinori Nishita, Satoshi Suzuki, Kaoru Hattori, Yayoi Kaneko

Free meetings

Sep 7 (Fri) 15:00~17:00 ROOM 24

F-01

Challenges to analyze sika deer and wild boar population data simultaneously.

○MAYUMI YOKOYAMA, Kouichi Kaji

Sep 7 (Fri) 15:00~17:00 ROOM 21

F-02

Ecology of rodents

○SHINSUKE H. SAKAMOTO, Takuya Shimada, Takashi Saitoh, Chie Murano, Mutsumi Itoh, Tatsuki Shimamoto, Noriko Tamura

Sep 7 (Fri) 17:30~19:30 ROOM 15

F-03

Deer management by forest managers

○YASUTAKA KISHIMOTO, Takahiro Ohba, Mayumi Ueno, Nobuhiro Akashi, Hayato Iijima

Sep 7 (Fri) 17:30~19:30 ROOM 24

F-04

Recent ecological studies of the Japanese serow

○HAYATO TAKADA, Konoka Aiba, Hiroaki Chikakiyo, Ryosuke Kishimoto

Sep 7 (Fri) 17:30~19:30 ROOM 21

F-05

Effective use of Photogrammetry in Natural Museum in 2018.

○KENT MORI, Satoshi Suzuki, Megumi Moriya, Hiroki Niki

Sep 7 (Fri) 17:30~19:30 ROOM 26

F-06

Carnivore studies in urban areas, part 3: rivers and roads as habitats

○MASAYUKI SAITO, Yayoi Kaneko, Hideharu Tsukada

Sep 9 (Sun) 16:30~18:30 ROOM 24

F-07

Recent developments in alien squirrel control

○MASATOSHI YASUDA, Noriko Tamura

Sep 9 (Sun) 16:30~18:30 ROOM 26

F-08

Current situation and issues of Japanese serow management: through analysis of the manual by Agency of Cultural Affairs and of the guideline by Ministry of Environment

Takahiro Miura, Masatoshi Yasuda, Yusaku Yamada, ○KUNIHICO TOKIDA

Oral Session

Sep 8 (Sat) 9:30~11:00 ROOM 24

OA-01 9:30~9:45

Land utilization of a Japanese mole, *Mogera wogura* : quantification of patrol pattern focused on its tunnel repair

○Genki Watanabe, hisashi kazimura

OA-02 9:45~10:00

Geographic variation of the greater Japanese shrew mole *Urotrichus talpoides* based on craniometrics

○Shinya Okabe, Akio Shinohara, Masaharu Motokawa

OA-03 10:00~10:15

Seasonal Responses to Acoustic Luring and Preliminary Acoustic Monitoring of the Ryukyu Tube-nosed Bat and Yanbaru Whiskered Bat on Okinawa Island

○Jason H Preble, Christian E Vincenot, Nobuhito Ohte

OA-04 10:15~10:30

Shape variation, modularity and integration of the skull between *Menetes berdmorei* and *Petaurista leucogenys* (Rodentia: Sciuridae) revealed by geometric morphometric analysis

○JADAB KUMAR BISWAS, Tatsuo Oshida, Masaharu Motokawa

OA-05 10:30~10:45

The seasonal population density change of the Japanese field vole in apple orchards

○CHIE MURANO, Hayato Iijima, Nobuyuki Azuma

OA-06 10:45~11:00

Murid rodents from Miyako Group, Ryukyu Archipelago

○Tomohisa Makino, Tsunehiro Shiroma, Masanao Toyama, Hidetoshi Ota, Masaharu Motokawa

Sep 8 (Sat) 9:30~11:45 ROOM 21

OB-01 9:30~9:45

Analysis of leaps in captive risso's dolphins

○Natsuo Sakai, Tetsuo Kirihata, Yukina Asami, Mai Sakai

OB-02 9:45~10:00

The growth and sex maturity of harbor porpoise around Hokkaido

○Natsuki Matsui, Motoki Sasaki, Junji Shindo, Mari Kobayashi, Takashi Matsuishhi

OB-03 10:00~10:15

Abundance estimation for the Antarctic blue whale using line transect methods

○Kohei Hamabe, Koji Matsuoka, Toshihide Kitakado

OB-04 10:15~10:30

Estimate of environmental factor to spatial distribution for the North Pacific humpback whale using IWC-POWER sighting data

○Kanakano Inai, Kouji Matsuoka, Toshihide Kitakado

OB-05 10:30~10:45

Morphological comparison of Finless porpoises *Neophocaena asiaeorientalis* between the waters of Japan and coastal waters of Korea

○Yujin Kim, Hideyoshi Yoshida, Yuko Tajima, Hawsun Sohn, HyunWoo Kim, Gen Nakamura, Hidehiro Kato

OB-06 10:45~11:00

Skull variation between two stocks of North Pacific common minke whale (*Balaenoptera acutorostrata*)

○Futaba Nishimura, Yoshihiro Fujise, Hideyoshi Yoshida, Gen Nakamura, Hidehiro Kato

OB-07 11:00~11:15

Evolutionary consequences of the structure-function relationship of ankle joints in the Pinniped

○Wataru Tonomori

OB-08 11:15~11:30

Tracing migration of northern fur seals using combined satellite tags and radiocarbon in whiskers

○Yukino Hirakawa, Ayaka Matsuda, Yosuke Miyairi, Yusuke Yokoyama, Toshi Nagata, Yoko Mitani

OB-09 11:30~11:45

Individual identification of Japanese harbour seals using non-invasive sampling method.

○MARIKO MIZUNO, MARI KOBAYASHI, TAKAYUKI HANEDA, TAKAHITO MASUBUCHI

Sep 8 (Sat) 9:30~10:45 ROOM 15

OC-01 9:30~9:45

Hybridization in the wild between native and introduced deer in the west area of Kii Peninsula

○Toshihito TAKAGI, Yuki MATSUMOTO, Ryosuke KODA, Hidetoshi TAMATE

OC-02 9:45~10:00

Reproductive characteristics of wild boar inhabiting in Mt. Kinka, Gifu city

○Shiori Ikushima, Makoto Asano, Masatsugu Suzuki

OC-03 10:00~10:15

Summer habitat selection by Mongolian gazelles in the Mongolian steppe : Effects of plant biomass predictability

○Atsushi Miyazaki, Lina A Koyama, Takehiko Ito, Masato Shinoda, Lhagvasuren Badamjav

OC-04 10:15~10:30

The impact on diet of omnivore response to change of meat resource availability

○TOMOKO NAGANUMA, Shinsuke Koike, Rumiko Nakashita, Chinatsu Kozakai, Koji Yamazaki

OC-05 10:30~10:45

THE EFFECT OF ENRICHMENT PLANTING ON THE ABUNDANCE AND DISTRIBUTION OF MEDIUM-TO-LARGE VERTEBRATES IN INIKEA FOREST REHABILITATION PROJECT

○Lauretta Andrew Laneng, Yasuyuki Tachiki, Charles S Vairappan

Sep 8 (Sat) 9:30~11:45 ROOM 26

OD-01 9:30~9:45

Different seasonal diets of the Tsushima marten (*Martes melampus tsuensis*) revealed by quantitative assessment of stomach contents

○YOKO OKAWARA, Nozomi Nakanishi, Masako Izawa

OD-02 9:45~10:00

Population genetic characteristics of Siberian weasel (*Mustela sibirica*) in Eurasia, revealed by microsatellite analysis

○KAZUMICHI YOSHIMURA, Alexei V. Abramov, Liang-Kong Lin, Yoshinori Nishita, Ryuichi Masuda

OD-03 10:00~10:15

RNA expression analysis and haplotype estimation of cat MHC class II genes

○Masaharu Okano, Jiro Miyamae, shingo Suzuki, Fumihiko Katakura, Kouhei Nishiya, Takashi Shiina, Tadaaki Moritomo

OD-04 10:15~10:30

Estimation of mastication muscles from skulls in Carnivora.

○KAI ITO, HIDEKI ENDO

OD-05 10:30~10:45

Reproductive histories of Asian black bears can be determined by cementum annuli widths

○KAHOKO TOCHIGI, Hiroo Tamatani, Chinatsu Kozakai, Akino Inagaki, Tomoko Naganuma, Hiroaki Myojo, Koji Yamazaki, Shinsuke Koike

OD-06 10:45~11:00

Developing a non-invasive method of body weighting system for free-ranging Asiatic black bear (*Ursus thibetanus japonicus*) and a preliminary study on the monthly body weight changes

○Naoki Takekoshi, Hiroaki Myojo, Tadashi Iwasaki, Akino Inagaki, Tomoko Nagamuma, Chinatsu Kozakai, Shinsuke Koike, Koji Yamazaki

OD-07 11:00~11:15

Elucidation of home range and habitat use of raccoons based on GPS telemetry

○MIKI HIROSE, MASAMI HASEGAWA

OD-08 11:15~11:30

Introduction of feasibility study into raccoon control in Japan

○AKARI KOBAYASHI, TOHRU IKEDA

OD-09 11:30~11:45

Immunohistochemical analysis of antigen peptide candidates of an immunocontraceptive vaccine and experiment of superovulation induction in the small Indian mongoose

○NAOTOSHI KUNINAGA, Makoto Asano, Masatsugu Suzuki

Sep 9 (Sun) 9:30~11:45 ROOM 24

OA-07 9:30~9:45

Musk glands and their odor components in long-clawed shrew

○Yuichi Kameyama, Takumi Shiraishi, Gaku Shimoi, Takao Myoda, Kazuki Toeda

OA-08 9:45~10:00

Gut microbiome of insectivoran mammals shaped by environmental habitats and seasonal change

○KAI HE, HIROAKI SAITO, MASAHARU MOTOKAWA

OA-09 10:00~10:15

Comparison of skull variations and genetic relationships of house shrew subspecies (*Soricidae: Crocidurinae*) in Peninsular Malaysia

○Nurul Ain Aqilah Mohd Zin, Subha Bhassu, Satoshi D. Ohdachi, Masaharu Motokawa, Hasmahzaiti Omar

OA-10 10:15~10:30

Phylogenomic analyses of Eulipotyphla based on the ultraconserved elements

○JUN SATO, Tessa M. Bradford, Kyle N. Armstrong, Stephen C. Donnellan, Lazaro M. Echenique-Diaz, Gerardo Begué-Quiala, Jorgelino Gámez-Díez, Nobuyuki Yamaguchi, Son Truong Nguyen, Masaki Kita, Satoshi D. Ohdachi

OA-11 10:30~10:45

Roosting colonies of the oriental free-tailed bat *Tadarida insignis* in the crevices of the elevated railways of the Kyushu-Shinkansen, and their food habits.

○KIMITAKE FUNAKOSHI, Tatsuya Osawa, Tsubasa Nagayama, Akiyoshi Sato, Setsuko Katsuta, Yushi Osawa, Keiko Osawa

OA-12 10:45~11:00

Mating behavior confirmed in the Hilgendorf's tube-nosed bat's colony from winter to spring in the abandoned mine.

○SEIYA ANDOU, Junji Oohata

OA-13 11:00~11:15

Species identification of bat echolocation calls in urban areas

○TATSUYA NORO

OA-14 11:15~11:30

Diversity of Chiroptera in Hainan Island and a new record of *Murina*

○Yifeng Hu, Wenhua Yu, Fang Li, Yang Yue, Zhenglanyi Huang, Yuchun Li, Yi Wu

OA-15 11:30~11:45

Contribution of non-telomeric sites of the (TTAGGG)_n sequence to the chromosome evolution in *Vespertilio sinensis*

○Takao Ono

Sep 9 (Sun) 9:30~11:15 ROOM 21

OB-10 9:30~9:45

Historical review of the introduction of the small Asian mongoose to Okinawa by Shyozaburo Watase

○YUKIBUMI KANEKO

OB-11 9:45~10:00

Present status of wild mammals in Kyushu and a proposal of regional red list

○MASATOSHI YASUDA

OB-12 10:00~10:15

Development of Animal-pathway and the Promotion of the Cooperation

○SHUSAKU MINATO, Haruka Aiba, Manami Iwabuchi, Koichi Otake, Kazuaki Iwamoto, Shinji Oda, Hiroyuki Komatu, Yoshiharu Sato, Junko Sechibaru

OB-13 10:15~10:30

A new species of *Callosciurus* squirrel from an isolated island off the Indochina Peninsula in southern Vietnam

○TATSUO OSHIDA, Son Truong Nguyen, Phuong Huy Dang, Hai Tuan Bui, Masaharu Motokawa

OB-14 10:30~10:45

A summary of the taxonomy and distribution of the Red giant flying squirrel, *Petaurista petaurista*(Sciuridae, Sciurinae, Pteromyini), in mainland Southeast Asia with the first record from Lao PDR

○DAOSAVANH SANAMXAY, Bounsavane Douangboubpha, Sara Bumrungsri, Chutamas Satasook, Paul J.J. Bates

OB-15 10:45~11:00

Geographic variation in mating calls of *Callosciurus erythraeus* and *C. finlaysonii* species group

○NORIKO TAMURA, Phadet Boonkhaw, Budsabong Kanchanasaka, Fumio Hayashi

OB-16 11:00~11:15

Distribution survey of Pallas's squirrel by bait method: a case study on Fukue Is., Nagasaki Prefecture

○Koichi UEDA, Masatoshi YASUDA

Sep 9 (Sun) 16:30~18:30 ROOM 21

OB-17 16:30~16:45

Relationships between forest-dwelling rodents and hitchhiking pseudoscorpions

○TAKUYA SHIMADA, Kimiko Okabe, Shun'ichi Makino, Shinsuke Sakamoto

OB-18 16:45~17:00

Population fluctuations of two sympatric species of mice *Apodemus argenteus* and *A. speciosus* in a hemi-boreal forest: interspecific changes and large amplitudes.

○KEISUKE NAKATA, Akira Unno

OB-19 17:00~17:15

The life historical research of *Rattus norvegicus* around the seabird colony in Teuri Island, Hokkaido

○TAKUMA HASHIMOTO, NAHOMI KOSHIMUNE, KAZUMA NOGAMI, YASUNORI TAKENAKA, RYUICHI MINATO, TAKUYA NAKAJIMA, YOSHINOBU OHKUBO, NATSUMI OZAWA, KEITARO DOZEN, TATSUO YABE, TSUYOSHI YOSHIDA

OB-20 17:15~17:30

Limiting factors in the geographical distribution of the Norway rat, *Rattus norvegicus*

○TATSUO YABE

OB-21 17:30~17:45

Reconstruction of the evolutionary history of the house mice (*Mus musculus*) in the Japanese Islands inferred from whole genome data

○HITOSHI SUZUKI, Yue Li, Toyoyuki Takada

OB-22 17:45~18:00

Breeding structure of nutria *Myocastor coypus* in Okayama Plain

○KOUICHI KAWAMURA, Satoko Kaieda, Mayumi Kato, Taeko Miyazaki, Syuji Kobayshi

OB-23 18:00~18:15

Who is “Cho” in the original description of *Diplothrix legata*

○SHIN-ICHIRO KAWADA, Sayaka Shimoinaba, Hayatoshi Hirata

OB-24 18:15~18:30

Activity of the Dormouse museum - from ecological to education -

○HARUKA AIBA, Manami Iwabuchi, Noriko Tamura, Kyoko Takagi, Sonoko Saitou, Masumi Yanagawa, Shusaku Minato

Sep 9 (Sun) 9:30~11:30 ROOM 15

OC-06 9:30~9:45

Regional variation in the feeding ecology of Japanese marten, *Martes melampus*, and its environmental determinants

○YAMATO TSUJI, Takehiko Y Ito, Yayoi Kaneko

OC-07 9:45~10:00

Can we distinguish the families of earthworms by the lengths of their chaeta in fecal samples? - The possibility of quantitative estimation of earthworm intake by mesocarnivores

○HIDEHARU TSUKADA, Haruka Shimada, Yuka Nishikawa, Kouji Hijikata, Masato Minami

OC-08 10:00~10:15

The present situation of otters on Tsushima Islands.

○HIROSHI SASAKI, Takeshi Sekiguchi, Masako Izawa, Nozomi Nakanishi, Daisuke Waku

OC-09 10:15~10:30

A Study of Interspecific Relationships between Asian small-clawed otter and Smooth-coated otter in Paddy Field of Perak State, Malaysia

○DAISUKE WAKU, Takeshi Sekiguchi, Akihiro Yamane, Shukor Md-Nor, Badrul Munir Md-Zain, Pazil Abdul-Patah, Hiroshi Sasaki

OC-10 10:30~10:45

Comparison of feeding habits and habitat use between raccoons (*Procyon lotor*) and raccoon dogs (*Nyctereutes procyonoides albus*) in Nopporo Natural Forest Park

AYA OSAKI, ○MARIKO SASHIKA, MICHITO SHIMOZURU, TOSHIO TSUBOTA

OC-11 10:45~11:00

Evaluation of availability of three contraceptive vaccine antigen candidates in raccoons (*Procyon lotor*)

○MAKOTO ASANO, Satoshi Kimura, Naotoshi Kuninaga, Kenta Watanabe, Yuriko Kobayashi

OC-12 11:00~11:15

10 years monitoring of the SFTS infection in non-native raccoon population

○YUYA WATARI, Ken Maeda, Kazuo Suzuki, Hayato Iijima, Takuya Furukawa, Kimiko Okabe

OC-13 11:15~11:30

Examination of tracking method of Japanese black bear using drone mountain distress search system

○YOSHIKI MORIMITSU

Sep 9 (Sun) 16:30~18:30 ROOM 15

OC-14 16:30~16:45

Practicability of the collar mounted camera systems to the behavioral ecology studies on Asian black bears

○KOJI YAMAZAKI, Urara Furukawa, Hiroaki Myojo, Tomoko Naganuma, Akino Inagaki, Naoki Takekoshi, Shinsuke Koike, Yoshiki Morimitsu

OC-15 16:45~17:00

A Specific genetic structure of Asian black bears inhabited in foothills of Mt. Asama : the relationship with the great tenmei eruption?

○TOSHIAKI YAMAMOTO, Tatsuki Shimamoto, Hiroo Tamatani, Junpei Tanaka, Gen Oshima, Rumiko Nakashita, Misako Kuroe

OC-16 17:00~17:15

Bear sign observation records by forest workers for the monitoring of bear population trend in Hokkaido

○TSUTOMU MANO, Hifumi Tsuruga, Mami Kondo, Toshikatsu Kamei, Mayu Kaizuka

OC-17 17:15~17:30

Incidence of multiple paternity and inbreeding in high-density brown bear populations on the Shiretoko Peninsula

○MICHITO SHIMOZURU, Yuri Shirane, Hifumi Tsuruga, Masami Yamanaka, Masanao Nakanishi, Tsuyoshi Ishinazaka, Shinsuke Kasai, Takane Nose, Yasushi Masuda, Tsutomu Mano, Toshio Tsubota

OC-18 17:30~17:45

Are age data really useful for improving management of marine mammal populations?

○TOSHIHIDE KITAKADO

OC-19 17:45~18:00

Dolphin drive hunt in Ofunato Bay during years 1803-1922

○TOSHIHIDE IWASAKI, Yoichiro Nakamura

OC-20 18:00~18:15

Do spotted seals (*Phoca largha*) have sociality outside of breeding season?

○MIO SHIBUYA, Mari Kobayashi

OC-21 18:15~18:30

Diurnal patterns of singing activity of humpback whales in Okinawan waters

○NOZOMI KOBAYASHI, HARUNA OKABE, NAOTO HIGASHI, HIROKAZU MIYAHARA, SENZO UCHIDA

Sep 9 (Sun) 9:30~11:45 ROOM 26

OD-10 9:30~9:45

The selective habitat use of sika deer referring different activity patterns and seasons in Tanzawasan Area

○ZHAO-WEN JIANG, Yusaku Yamada, Yosuke Mori, Naoki Machida, Masanobu Yamane

OD-11 9:45~10:00

Where are deer and boars going?

○TORU KOIZUMI

OD-12 10:00~10:15

How to detect sika deer at the front line of expanding populations

○HIROSHI TAKAHASHI, Takuya Aikawa

OD-13 10:15~10:30

Reaction of sika deer and Japanese serow to feeding attraction

○TAKAHIRO OHBA

OD-14 10:30~10:45

Establishment of long term fixed capture of sika deer by mineral salts

○HIROYUKI SAKANIWA, TATSUHIKO SAKAWA

OD-15 10:45~11:00

Protecting Sasa in Ashiu forest

○RINTARO IKEGAWA, YUKA HIRATA, SHIGERU FUKUMOTO, DAISUKE
HAYASHI, NAOKO TOKUCHI

OD-16 11:00~11:15

Body size and growth characteristics of Sika deer population on Miyajima Island

Yoh Ihara, ○Akiko Matsumoto, Kosei Yunoki, Atsushi Sato

OD-17 11:15~11:30

A proposal of occupancy-rank curve to read the dietary composition of animals

○SEIKI TAKATSUKI

OD-18 11:30~11:45

Relationship with reproduction of wild female Borneo Orangutans (*Pongo pygmaeus morio*) and mast fruiting - Record for 13 years -

○NOKO KUZE, Tomoko Kanamori, Tomoyuki Tajima, Renata S Mendonça, Saika Yamazaki, Takumi Tsutaya, Henry Bernard, Peter Titol Malim, Kodzue Kinoshita

Poster Session

Gymnasium

- P-001** Nest box use and habitat selection of small arboreal rodents in Nishiwaga, Iwate, Japan
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