

英文プログラム

(Timetables and Program in English)

Friday 6, September

Room	8	9	10	11	12	13	14	15	16	17	18	19	20	
101				Business meeting 11:00-13:00		Business meeting 13:00-15:00		F01 15:15-17:15		Organized symposium 17:30-19:30				
102				Business meeting 12:00-13:00				F02 15:15-17:15		Board member meeting 17:30-19:30				
103	Headquarter													
104				Business meeting 12:00-13:00				F03 15:15-17:15						
105				Business meeting 12:00-13:00				F04 15:15-17:15						
201								F05 15:15-17:15						
202								F06 15:15-17:15						
Hallway in front of 103						Exhibition booths 12:00-17:30								
Cafeteria						Break room 12:00-17:30								
Library						Reception desk and cloak room 12:00-17:30								
Gymnasium								Poster 14:00-17:30						
On Campus	Nursery													
	8	9	10	11	12	13	14	15	16	17	18	19	20	

Saturday, 7 September

Room	8	9	10	11	12	13	14	15	16	17	18	19	20	
101				OA-01~07 10:15-12:00		OA-08~14 13:00-14:45		F07 15:15-17:15						
102				OB-01~07 10:15-12:00		OB-08~15 13:00-15:00		F08 15:15-17:15						
103	Headquarter													
104				OC-01~07 10:15-12:00		OC-08~15 13:00-15:00		F09 15:15-17:15						
105				OD-01~07 10:15-12:00		OD-08~15 13:00-15:00		F10 15:15-17:15						
201				OE-01~07 10:15-12:00				F11 15:15-17:15						
202								F12 15:15-17:15						
Hallway in front of 103						Exhibition booths 9:00-18:00								
Cafeteria						Break room 9:00-18:00								
Library	Reception desk and cloak room 8:15-18:00 (Cloak room only until 19:00)										Cloak room			
Gymnasium	Core time① 9:00-10:00		Poster 9:00-18:30							Core time② 17:30-18:30				
On Campus	Nursery													
	8	9	10	11	12	13	14	15	16	17	18	19	20	

- Core time for poster award candidates is ①. The poster awards will be announced and presented at the award ceremony on September 8.
- The gymnasium where the posters will be displayed is not air-conditioned, so it will be very hot. To prevent heat stroke, we have scheduled core times in the early morning and evening. Please take necessary precautions against heat stroke and participate in the event.

Sunday 8, September

Room	8	9	10	11	12	13	14	15	16	17	18	19	20
Kobe Bunka Hall		Award lectures 9:30-10:40		General meeting 10:50-12:00 Award ceremony* 12:00-12:15			Public symposium 13:30-17:00						
In the Hall		Break room for family											
Hotel Crown Palais											Banquet 18:30-20:30		
	8	9	10	11	12	13	14	15	16	17	18	19	20

* The poster awards will be announced and presented at the award ceremony.

Monday 9, September

Room	8	9	10	11	12	13	14	15	16	17	18	19	20
101		F13 8:45-10:45		F19 11:00-13:00									
102		F14 8:45-10:45		F20 11:00-13:00									
103		Headquarter											
104		F15 8:45-10:45											
105		F16 8:45-10:45		F21 11:00-13:00									
201		F17 8:45-10:45		F22 11:00-13:00									
202		F18 8:45-10:45		F23 11:00-13:00									
Hallway in front of 103		Exhibition booths 8:45-12:00											
Cafeteria		Break room 8:45-12:00											
Library		Reception desk and cloak room 8:15-12:00 (Cloak room only until 13:30)				Cloak room							
Gymnasium		Poster 8:45-12:00											
On Campus		Nursery											
	8	9	10	11	12	13	14	15	16	17	18	19	20

6, September 15:15~17:15

Room 101

F01

Inference of mammal's ecology by utilizing big data

Takafumi Hino, Kandai Doi, Haruka Ohashi, Yuki Matsumoto

Room 102

F02

The Mongoose Eradication Project on Amami Oshima Island that had been considered to be unachievable

MASAKI ASANO, KEITA FUKASAWA, YUYA WATARI, NOBUO ISHII

Room 104

F03

Uniqueness and complexity of mammals on continental islands in the Seto Inland Sea

Shintaro Ishizuka, Takeo Kuriyama, Yuta Shintaku, Jun Sato, Kei Okuda

Room 105

F04

Mammal studies using fecal samples

TAKA AKI ENOMOTO, Teruki Inoue, Tatsuki Shimamoto, Yuuto Kane, Eiji Inoue

Room 201

F05

What should we do for the management of medium and small carnivores?

Hideharu Tsukada, Satoshi Suzuki, Nozomi Nakanishi, Takahiro Murakami

Room 202

F06

How we understand the morphological integrity of mammalian masticatory system.

Kai Ito, Yuto Fujimitsu, Takahiro Takahashi, Ryo Kodera, Wataru Yano, Naoki Kohno

7, September 15:15~17:15

Room 101

F07

Detecting distribution and characteristics of wildlife by novel tools:
consideration of applying to wildlife management

CHINATSU KOZAKAI, AYAKA HATA, HIROYOSHI KOYAMA, MASAHIDE
NISHIBORI, MICHITO SHIMOZURU

Room 102

F08

Population management for large mammals: exchange meetings between
territorial and marine mammals

KAORU HATTORI, Yukiko Matsuura, Hiromasa Igota, Toshihide Kitakado,
Mayumi Yokoyama, Yoshikazu Sato, Takashi Ikeda

Room 104

F09

Studies in frontier regions - Approaching ecology of rare large mammals -
Toshio Tsubota, Manabu Onuma, Kodzue Kinoshita

Room 105

F10

Paleo-ecology of rodents: considering their evolutionary processes by fossil records and isotope analysis

Yuichiro Nishioka, Soichiro Kusaka, Yuri Kimura

Room 201

F11

Drawing ideal state of boundary area between Human and Wildlife

Takafumi Tatewaki, Yamato Tsuji, Masayuki U. Saito, Hiroto Enari, Kei Okuda

Room 202

F12

Behavioral ecology of mammals: sika deer(*Cervus nippon*)

HAYATO TAKADA, Keita Nakamura, Hikaru Naruse

9, September 8:45~10:45

Room 101

F13

Constructing an Open Database for Camera Trap: Progress Report and Future Perspectives

Keita Fukasawa, Kana Terayama, Masaki Yasukawa, Hinako Katsushima, Hiroshi Ebihara

Room 102

F14

Control killing and distribution management to reduce conflicts with bears - To make good use of Designated Wildlife Species for Control Capture Program- KYOKO KOBAYASHI, Hifumi Tsuruga, Tadayoshi Takeda, Shizenhogoka Akitaken, Shun Takagi, Satoshi Tagawa, Koji Yamazaki, Chojuhogokanrishitsu Kankyosho

Room 104

F15

Consideration of methods to prevent the unintentional capture of non-target species from the field.

CHIZURU YAYOTA, CHINATSU KOZAKAI, HIDETO ITO, SHUNICHI YANAGISAWA

Room 105

F16

Ecology of rodents 2024 Intraspecific variation - chromosomes to personality
Shinsuke H. Sakamoto, Hikari Myoshu, Kenta Uchida

Room 201

F17

Urban Carnivore Research 8: Urban carnivores in Kansai area
YAYOI KANEKO, Yosuke Amaike, Shigeki Watanabe, Hayato Harima, Hiroto
Oishi, Natsuki Hamagudhi, Kenji Fukunaga

Room 202

F18

Species diversity of mammals in mountains of Indochina
MASAHARU MOTOKAWA, Kim Luong Vu, Vilakhan Xayaphet, Yugo Ikeda,
Shinya Okabe, Bounsavane Douangboubpha, Truong Son Nguyen

9, September 11:00~13:00

Room 101

F19

Use of image data analysis in mammal population surveys

Hikari Maeda, Takanori Horimoto, Nozomi Kobayashi, Kohta Hyashi

Room 102

F20

Cooperation between Asian black bear conservationists and researchers:From
eastern Nagano prefecture

Yoshiaki Tsuda, Mizuki Inumaru, Rumiko Nakashita, Tatsuki Shimamoto,
Atsushi Motohashi

Room 104

F21

Japanese "Mammalogy" in an era without "Honyurui-gaku": What I know about
the Amami rabbit and so on

Masatoshi Yasuda, Shin-ichiro Kawada

Room 201

F22

Background and Future Issues about the Development of the Revised
Guidelines for the Preparation of Specified Wildlife Management Plan of
Japanese macaques

NAOTO YAMABATA, Yoshiki Morimitsu, Mieko Kiyono, Hironori Seino,
Takeharu Uno, Masaaki Takiguchi, Eiko Okawa

Room 202

F23

The environmental history of Southeast Asia as told by fossil mammals
Susumu Tomiya, Masanaru Takai, Naoto Handa, Morgane Clodette Longuet

7, September AM

Room 101

10:15~12:00 Artiodactyla (Basic Study)

OA-01 10:15~10:30

Trade-off between foraging efficiency and insect harassment: effects of vegetation conditions on behavior of Mongolian gazelles

○TAKEHIKO ITO, Riku Tada, Tomoko Makano, Dale M Kikuchi,
Munkhbat Uugannbayar, Buyanaa Chimeddorj

OA-02 10:30~10:45

Age-related changes in the body size and weight of sika deer: A comparison between Iwate and Yamagauchi populations

○SEIKI TAKATSUKI, Eiji Hosoi, Kazuo Suzuki

OA-03 10:45~11:00

Snow depth may or may not be reflected in deer feeding on bamboo grass

○HIROSHI TAKAHASHI, Takuya Aikawa, Yuuki Sugawara, Akihiko Nagaki,
Atsushi Sakai, Toshiya Matsuura

OA-04 11:00~11:15

Diet of three forest-dwelling ungulates, Formosan serows, Reeves' muntjac, and sambar deer, in Yushan National Park, central Taiwan: inconsistency with the Jarman Bell principle

○HAYATO TAKADA, Nick Ching-Min Sun, Liang Yu-Jen, Kurtis Jai-Chyi Pei

OA-05 11:15~11:30

Cafeteria tests of sika deer captive in a zoo: Deer preferences for several species of evergreen Fagaceae

○HARUTO NOMIYA, Yumiko Fujiwara, Naoko Mizobata, Taeko Fujii

OA-06 11:30~11:45

Do mass flowering and death of dwarf bamboo change the amount of damage to woody plants by sika deer?

○YOSHIHIRO INATOMI, Nobuhiro Akashi, Takehiko Ito, Yoshihiro Tsunamoto, Shinichi Niwa

OA-07 11:45~12:00

Functional evaluation of solar-powered GPS collar

○MAKOTO SAWA, Takuya Koizumi, Takuji Noda, Yasuyuki Tachiki

Room 102

10:15~12:00 Bear (Basic and Applied Studies)

OB-01 10:15~10:30

Sex differences in denning ecology of Japanese black bears in North-Kinki population of Hyogo prefecture

○MAYUMI YOKOYAMA, Yukino Sawa, Daiki Tanaka, Kimitoshi Eto, Shoji Niwa, Reo Miyasako, Kazuteru Mikuni

OB-02 10:30~10:45

Bear predation of living deer caught in a leg-hold snare trap [Record]

○AKINO INAGAKI, Yuji Sugimoto, Shinsuke Koike

OB-03 10:45~11:00

Seasonal changes in habitat selection of brown bears in Northern Hokkaido.

○CHIIHIRO TAKAHATA, Yoshiyuki Umatani, Akihiko Naniwa, Futoshi Nakamura, Michito Shimozuru, Toshio Tsubota

OB-04 11:00~11:15

Small bears became bold in the urban forest - Factors that influenced on bear responses to camera traps

○TORU OI, Satuki Yoshida, Naho Fujita, Yusuke Nishino

OB-05 11:15~11:30

Comparison of Systems and Evaluations Between Prefectures in Responding to Bear appearances ~Evaluation of policies through interviews with municipalities and qualitative analysis

○NAOTO YAMABATA, Mami Kondo, Seigo Sawada

OB-06 11:30~11:45

Comparison of Individual Identification Efficiency of Asiatic Black Bears between Hair Trap Survey and Camera Trap Survey.

○YUKI NOSE, Tsukasa Ono, Kosuke Nakagawa

OB-07 11:45~12:00

Orphan cub might be the index for over nuisance capture.

○R ONODERA UNO

Room 104

10:15~12:00 Primates (Basic Study) / Large Mammal (Applied Study) /
Small and Medium-sized Carnivora (Applied Study)

OC-01 10:15~10:30

Effects of feeding trees and topography on deadwood-breaking behavior by mammals

○Yosuke Kurihara

OC-02 10:30~10:45

Development of Next-Generation GPS Collars for Efficient and Long-Term Acquisition of Wildlife GPS Tracking Data and a Cloud Platform for Community-Based Wildlife Damage Control

○Takuya Koizumi, Takuji Noda, Yoshimi Itaya, Shiori Fujimoto

OC-03 10:45~11:00

Distribution of mitochondrial DNA of raccoons (*Procyon lotor*) in Oita and neighboring prefectures.

○MINAMI W OKUYAMA, Yoshihisa Tsurunari, Kei Uchida, Ken-ichiro Shimada

OC-04 11:00~11:15

Immunological evaluation of a zona pellucida-3 antigen as oral contraceptive vaccine for raccoons

Koudai Sato, ○MAKOTO ASANO

OC-05 11:15~11:30

Analysis of raccoon behavior patterns using location and geographic information

○TESTUROU MATSUMOTO, SHINICHI WATANABE

OC-06 11:30~11:45

Effectiveness and validation of nest box trap for invasive alien raccoons that does not require baits

○TOHRU IKEDA, Kazunori Tanaka, Taiki Ito, Ken-ichiro Shimada

OC-07 11:45~12:00

Roadmap and challenges for eradication of feral cats on Mikura-shima Island

○YUYA WATARI, Mikuni Tokuyoshi, Tsugumi Nose, Hisayo Hayama,
Yuki Matsuyama, Nariko Oka

Room 105

10:15~12:00 Eulipotyphla / Rodentia (Basic Study)

OD-01 10:15~10:30

On the veins running in the fossa-like structure of the asymmetric thoracic vertebrae in Eulipotyphla

○ASUMI SUZUKI, Motoki SASAKI, Daisuke KOYABU, Shin'ichiro KAWADA, Tatsuo OSHIDA

OD-02 10:30~10:45

Developmental assessment of serial homology in mammalian heterodont dentition

○Atsushi Yamanaka, Yasin MD Haider, Wataru Morita, Tetsuya Goto

OD-03 10:45~11:00

Coprophagy prevention dramatically alter the forestomach microbiota in hamster

○AKIO SHINOHARA, Yuuki Asou, Hiroki Shichijo, Mika Masaki, Goro A Nagura-Kato, Chihiro Koshimoto

OD-04 11:00~11:15

The correspondence between a unicolor coat of *Mus musculus* that rarely occurred in eastern Japan and a genotype of the *Asip* gene

○Hikari Myoshu, Suzune Minakawa

OD-05 11:15~11:30

Genetic signature in demographic history explains the current sympatric distribution of sibling species of red-backed voles

○TAKASHI SAITOH, Shota Murakami, Anna Pauline Orig de Guia, Noki Ohnishi, Kuniko Kawaki

OD-06 11:30~11:45

Exploring rodent diets by fecal DNA metabarcoding method

○JUN SATO

OD-07 11:45~12:00

Daily changes of the roosts of the Ryukyu long-furred rat *Dipprothrix legata* in the northern part of Okinawajima Island, Japan

○HAYATO KIKUCHI, Teppei Higashi, Yuto Ohga, Takashi Nagamine, Yumiko Nakaya, Michio Kinjo, Daisuke Watanabe, Shun Kobayashi

Room 201

10:15~12:00 Cetacea / Pinnipedia (Basic and Applied Studies)

OE-01 10:15~10:30

Does kinship affect social relationships among male sperm whales?

○MASAO AMANO, Shin Nishida, Hayao Kobayashi, Kagari Aoki

OE-02 10:30~10:45

Individual Differences in Maternal Behavior and the Rate of Mothers and Calves Appearing in the Same Clip among Wild Indo-Pacific Bottlenose Dolphin (*Tursiops aduncus*)

○Hikari Tada, Genfu Yagi, Mai Sakai, Kazunobu Kogi

OE-03 10:45~11:00

Occurrence patterns of common bottlenose dolphins (*Tursiops truncatus*) off the coasts of Nagasaki to Amakusa, Japan

○FUMIKA NOTO, Masao Amano

OE-04 11:00~11:15

Population dynamics analysis of humpback whales migrating to the waters around Chichijima, Ogasawara Islands, using mark-resight data from 1988 to 2023

○SAYAKA HOSOI, SATOMI KONDO, KOKI TSUJII, RYOSUKE OKAMOTO, TOSHIHIDE KITAKADO

OE-05 11:15~11:30

Examination of a Bottlenose Dolphin 3D model for hydrodynamic morphometric analysis

○Sakura Suda, Masami Ohashi, Yuki F. Kita

OE-06 11:30~11:45

Long-term Monitoring of Nursing Frequency and Milk Composition in Captive False Killer Whales

○Suguru Higa, Isao Kawazu, Yasushi Kawai

OE-07 11:45~12:00

Exploring Pregnancy Biomarkers in Bottlenose Dolphins (*Tursiops truncatus*) by SWATH Mass Spectrometry

○Yu Kitano, Ayaka Suzuki, Keiko Yamamoto, Kouhei Nagai, Takuma Shiraki, Masayuki Anzai, Tamako Matsuhashi

7, September PM

Room 101

13:00~14:45 Artiodactyla (Applied Study)

OA-08 13:00~13:15

Evaluation of the response of bearded boar *Sus barbatus* to anthropogenic environments using sensor cameras

○MIYABI NAKABAYASHI, Tomoko Kanamori, Aoi Matsukawa, Joseph Tangah, Augustine Tuuga, Peter Titol Malim, Ikki Matsuda, Goro Hanya

OA-09 13:15~13:30

Influence of Barrier Structures on the Behavior of Japanese Sika Deer (*Cervus nippon*)

○AZUSA MORI, DAICHI AKIMOTO, KAZUKI USHIJIMA, SAYA TANAKA, KANAE TANIFUJI, AYAKA NISHIDA, SYUJI KOBAYASHI

OA-10 13:30~13:45

Characteristics of sika deer's homerange and habitat use in areas where their distribution is expanded

○Hajime Komura, Daiki Tanaka, Mayumi Yokoyama, Kazuaki Naito

OA-11 13:45~14:00

Causes of collisions between sika deer (*Cervus nippon*) and vehicles in the Oshika Peninsula, Miyagi Prefecture, northern Japan

Aika Tomiyama, Rin Ito, ○YAMATO TSUJI

OA-12 14:00~14:15

Use of minerals for deer hunting and use of fetal deer in folk pharmacopeia in Japan

○MASATOSHI YASUDA, Kei K Suzuki

OA-13 14:15~14:30

Evaluation of the relationship between wind-break forest and Deer-Vehicle Collisions (DVC) in urban areas of Ishikari city, Hokkaido, Japan
○YASUYUKI TACHIKI, Taito Maeda

OA-14 14:30~14:45

Seasonal change in attractiveness of salt water to female deer
○KEI K SUZUKI, Taiki Mori, Hiromi Yamagawa

Room 102

13:00~15:00 Bear (Applied Study) / Chiroptera (Basic and Applied Studies) / Marsupial (Basic Study)

OB-08 13:00~13:15

Changes in genetic diversity in a local Asiatic black bear population that avoided extinction and their relationship to male dispersal.
○YOSHIKI MORIMITSU

OB-09 13:15~13:30

Spatially explicit population estimates for Asian black bears (*Ursus thibetanus*) based on clustered sampling design: Influence of number of traps and individuals moved long-distance
○SHIGEKAZU KURAKAKE, Norimasa Senzaki, Kiyoshi Yamauchi

OB-10 13:30~13:45

Changes in age structure of Asian black bears *Ursus thibetanus* in northern part of Nagano Prefecture over the past 20 years
○MISAKO KUROE, TOMOKI MORI, RYOSUKE KISHIMOTO

OB-11 13:45~14:00

Why does the Japanese greater horseshoe bat (*Rhinolophus nippon*) mostly prey on the cicada Higurashi (*Tanna japonensis*) among cicadas?

○Seiya Ando, Kazushi Kuwabara

OB-12 14:00~14:15

Bat acoustic surveys off the coast between South Korea and Japan

○Heungjin Ryu, Lina A. Koyama, Tetsutaro Takikawa, Fay Taylor, Dai Fukui, David A. Hill, Christian E. Vincenot

OB-13 14:15~14:30

Skull morphological adaptation to north and south: the case of two Japanese species of *Murina*

○YUGO IKEDA, Masaharu Motokawa, Dai Fukui

OB-14 14:30~14:45

Sexual size dimorphism of *Murina huttoni* (Chiroptera: Vespertilionidae) in external and cranial morphology

○Yifeng Hu, Masaharu Motokawa, Wenhua Yu, Yi Wu

OB-15 14:45~15:00

Functional-morphological study of the vertebrae of kangaroos

○RIKA NAKAGAWA, Hideki Endo

Room 104

13:00~15:00 Small and Medium-sized Carnivora (Basica and Applied Studies)

OC-08 13:00~13:15

Growth changes in skull and limb bone morphology of the Iriomote cats

○NOZOMI NAKANISHI, MASAKO IZAWA

OC-09 13:15~13:30

Temporal variation in membership and stability in social network of a group of feral cats (*Felis catus*)

○MASAKI SHIMADA, Minori Sakata, Miyu Tsunazawa

OC-10 13:30~13:45

Behavioral traits toward conspecifics of tame red foxes toward humans in relation to the self-domestication hypothesis.

○KOKI YOSHIMURA

OC-11 13:45~14:00

A chronological examination of the circumstances and causes leading to the extinction (decline) of the Japanese river otter (*Lutra lutra nippon*)

○GO AOYAMA

OC-12 14:00~14:15

The spread of hybrids between small-clawed and smooth-coated otters in Peninsular Malaysia

○HIROSHI SASAKI, Takeshi Sekiguchi, Daisuke Waku, Shukor Md Nor, Pazil Abdul-Patah, Abdul-Latiff Abu Bakar Muhammad, Badrul Munir Md-Zain

OC-13 14:15~14:30

Relationship between Raccoon Dogs and Raccoons at Japanese Badger setts

○JUN XU, Yusuke Takada, Takeshi Kanda, Yayo Kaneko

OC-14 14:30~14:45

Are urban raccoons at a higher trophic level?

○Hayato Chiba, Hidetaka Ishii, Takashi F Haraguchi, Ryosuke Koda, Takeo Kuriyama

OC-15 14:45~15:00

Habitat selection and activity time of raccoon dogs in the Sayama Hills

○Cong Li, Yohei Yamasita, Yayoi Kaneko

Room 105

13:00~15:00 Rodentia (Basic and Applied Studies) / Others (Applied Study)

OD-08 13:00~13:15

Does deer control promptly restore the rodent populations of two *Apodemus* species?

○ATSUSHI NAKAMOTO, Nozomi Nakanishi, Risa Shibayama, Masako Izawa

OD-09 13:15~13:30

The reproductive habits of small Japanese field mouse *Apodemus argenteus* based on nest box using

○Akira Isomura, Kana Watanabe, Fuka Shimomura, Eiji Hosoi

OD-10 13:30~13:45

Phoretic behavior of the pseudoscorpion *Megachernes ryugadensis* on the Japanese wood mouse *Apodemus speciosus* revealed through a mark-recapture survey concurrently labeling host and phoront

○TAKUYA SHIMADA, Kimiko Okabe, Shun'ichi Makino, Shoko Nakamura, Saori Fujii

OD-11 13:45~14:00

Behavior and frequency of partial arousals from hibernation in Japanese dormouse (*Glirulus japonicus*) in a Japanese cedar artificial forest in Yamaguchi Prefecture.

○Kana Watanabe, Haruka Suehiro, Akira Isomura, Eiji Hosoi

OD-12 14:00~14:15

Estimating body temperature fluctuations in the large Japanese field mouse and the laboratory mouse using a low-cost TDIR-based infrared sensor.

○SHINSUKE H. SAKAMOTO, Rina Ukyo, Hikaru Mlyuchi, Yuya Nishimuta, Midori Hasegawa, Kazuya Takaki, Kenta Kinemuchi, Noritaka Okuda, Tadaaki Tokunaga, Ikuo Kobayashi

OD-13 14:15~14:30

How Long Do Cadaver Cells Live? : Effective use of roadkill corpses

○Yasunori Yamaguchi, Fumihiko Sato

OD-14 14:30~14:45

Status of the nutria habitation and feeding damage control in Lotus root cultivation areas in Iwakuni City, Yamaguchi Prefecture

○SHIN-ICHI WATANABE, Tetsuro Matsumoto

OD-15 14:45~15:00

Utilization of "Kuroyaki" traditional medicine made from charred ingredients of mammals

○JUNJI MORIBE, Kei Nishiwaki, Rei Shiraki, Mikako Yamaguchi

Poster Session

Poster award candidates (★)

7, September 9:00~10:00 (Core time ①) : candidates

7, September 17:30~18:30 (Core time ②) : not candidates

7, September 9:00~10:00 (Core time ① (Poster award candidates))

Gymnasium

- P006★ Molecular basis for cranial morphogenesis of the opossum *Monodelphis domestica* (Mammalia: Didelphidae)
○Shunsuke Mizuno, Hiromu Sato, Riko Yoshimi, Hiroshi Kiyonari, Masayoshi Tokita
- P008★ Basic study on the behavior of the Siberian flying squirrel (*Pteromys volans orii*) on the ground
○Yuki Tanaka, Hayato Kikuchi, Tatsuo Oshida
- P010★ Estimation of the population of sika deer by drive counts, and a study of the population control in Kiritappu peninsula, Hokkaido, Japan.
○AKINORI OSAKA, Yasuyuki Tachiki
- P012★ Seasonal change in foraging behavior of Sika Deer (*Cervus nippon*) in Hyogo Prefecture, Japan: Based on dental microwear texture analysis
○Koyo Sato, Mugino O Kubo, Takao Sato, Mayumi Yokoyama
- P014★ The effects of spatial vegetation and land use pattern of feral Sika deer on meat nutrient
○Kohei Hisayama, Yu Yoshihara

- P016★ Phylogeography of the steppe polecat and European polecat, based on mitochondrial DNA analysis
○Reita WATANABE, Yoshinori NISHITA, Alexei V. ABRAMOV, Risto VAINOLA, Stanislava PEEVA, Evgeniy RAICHEV, Ryuichi MASUDA
- P018★ Fundamental study on the movement ecology of Orii's flying fox determined by GPS loggers -Nocturnal foraging movement of mothers -
○Shoko Fuijitani, Ren Takata, Akito Nomi, emyo Fujioka, Takahiro Maki, Yu TeTeshima, Shun Kobayashi, Dai Fukui, Ken Yoda, Shizuko Hiryu
- P020★ Seasonal differences in risk-taking behavior of Asian black bear in a fragmented landscape
○SEUNGYUN BAEK, Andreas Zedrosser, Koji Yamazaki, Shinsuke Koike
- P022★ Functional changes in the subclavian muscle during the evolution of deer
○Nanase Takayama, nozomi kurihara
- P024★ Which is the signal to conspecifics or predators? Diverse Functions of Antipredator Behavior in Sika Deer
○Hikaru Naruse, Hayato Takada, Keita Nakamura, Hiroyuki Uno
- P026★ The impact of different slaughtering processes on the stress of sika deer captured by snared traps
○MOTOKI INOUE, NOZOMI MATSUBARA, SATOSHI KUSUDA, JUNJI MORIBE
- P028★ Growth patterns of wild boar skulls in the Yamizo area
○Ami Koyano, Nozomi Kurihara, Yuji Kodera
- P030★ Den use by carnivoran species in urban environments
○KAE FUKUSHIMA, Sakumi Naganuma, Eri Ijima, Hisashi Matsubayashi
- P032★ Efforts to eradicate non-native weasels from the islands
○MAYU YOSHIMURA, Norihiro Kawauchi

- P034★ The Population Genetic Structure of the Japanese Long-fingered Bat in the Japanese Archipelago
○Rei Akiyama, Yuuto Kane, Susumu Goto, Dai Fukui
- P036★ Examining the relationship between behaviour and testosterone in male Asian black bear (*Ursus thibetanus*).
○NAOKI TAKEKOSHI, Jumpei Tomiyasu, Yojiro Yanagawa, Naoki Ohnishi, Tomoko Naganuma, Seungyun Baek, Miu Itoh, Tatsuhito Nishiwaki, Xin Luo, Chinatsu Kozakai, Shinsuke Koike, Koji Yamazaki
- P038★ Analysis of wildlife-vehicle collision (WVC) locations using automobile insurance data
○Miyu Katagiri, Mutsuki Uchida, Toshiyuki Katsuki, Kento Kasuya, Yui Majima, Masato Nishibayashi, Sayaka Ito, Hinata Kobayashi, Keijiro Okuoka, Junji Moribe
- P040★ Evaluation of Radioactive Cesium Accumulation in Roadkill Wildlife in Fukushima Prefecture
○Haruto Sugeno, Atsushi Mashiko, Takaaki Enomoto, Masayuki Saito, Hiroko Ishiniwa
- P042★ The extraction of the opal phytolith from the dental calculus of sika deer
○Hana Onizaki, Ryo Koderu, Takaya Watanabe, Sei-ichi Eguchi, Kai Ito, Mugino O. Kubo
- P044★ Diel activity patterns of the Amami rabbit using camera traps
○Hibiki Hodaka, Naoko Emura, Rico Hachisuka, Shin Ugawa, Motohiro Kawanishi, Shuichiro Tagane, Shuntaro Watanabe, Takahiro Maki, Eiji Suzuki, Kunihiko Hata, Shiho Fujita
- P046★ Allometric growth of external morphology in finless porpoise (*Neophocaena asiaeorientalis*) off Nagasaki Prefecture
○Koyo Uchida, Masao Amano
- P048★ Analysis of five mammals roadkill in Gifu City
○REI SHIRAKI, Junji Moribe

- P050★ Spatio-temporal population dynamics of wildlife based on Roadkill Data
○Minami Unno, HAYATO IIJIMA, Shoma Jingu, tyuya Watari, Tadashi Miyasiita
- P052★ Anatomy of brachial plexus and its branches in the spotted seal (*Phoca largha*)
○SHUSUKE ASAOKA, Nozomi Kurihara
- P054★ Study on methodology for estimating density of Japanese serow by using the REST model.
○KONOKA AIBA, Ryota Aizawa, Takahisa Kanno, Misako Kuroe, Yohei Urano
- P056★ Can the age of microbats be estimated from the annual layer in the hard tissue?
○Yuna Nishiuchi, Kazuki Shin'ya, Kazuki Yoshino-Hashizawa, Kohta I Kobayasi, Shizuko Hiryu
- P058★ Applicability of a drop net to capture medium-sized carnivores: a response experiment to traps
○Kaito Yoshida, Hiroto Enari, Masayuki U. Saito
- P060★ Seasonal habitat selection of sika deer in the northern part of the Northern Japan Alps
○Yusuke Tsukada, Akiko Takii, Kumiko Okubo, Shigeyuki Izumiyama
- P062★ Age estimation of Ryukyu flying fox based on DNA methylation
○YUUTO KANE, Miho Murayama, Kana Arai, Eiji Inoue, Yoshie Kanao, Etsuko Yamauchi, Tomoaki Nakamura, Dai Fukui
- P064★ Genetic structure and population history of house shrews based on whole-genome SNP and mitochondrial DNA sequences
○HAYATO TORISU, Satoshi Ohdachi, Kazumichi Fujiwara, Hitoshi Suzuki, Naoki Osada

- P066★ Surveillance of vegetation change on Uoturi-jima Island using NDVI value and water sampling survey in model islands toward identification the inhabiting status of endemic species on the Island
○Hiroaki Yokoyama, Nobuhiko Yoshimura, Yukuto Satou, Kaori Tsurui, Yasushi Yokohata
- P068★ Birth period of Indo-Pacific bottlenose dolphin around Mikura Island, Japan
○Genfu Yagi, Yoshimi Katayama, Hikari Tada, Kazunobu Kogi, Tadamichi Morisaka, Mai Sakai, toshihide Kitakado
- P070★ Records of greater Japanese shrew mole's use of a lesser Japanese mole's tunnel with using a camera trap -Toward the establishment of "Tunnel camera trap methods"-
○TAI YAMASAWA, YASUSHI YOKOHATA
- P072★ Evaluation of Crop damage control for large mammals in Shimukappu Village field
○DAICHI KANAI, YUKA NAOSHIMA, TSUYOSHI URATA, KENTA OGAWA, TAKASHI ONO, TETSUJI ITOH
- P074★ Winter habitat selection of sika deer in northern Gunma Prefecture
○Suzu Ogasawara, Yukiko Morimoto, Hiroyuki Uno
- P076★ Comparison of cranial growth patterns between Japanese wild boar and domestic pig
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- P078★ History of modern Japanese fur animals and the fur industry in terms of prices
○Hinako Ando, Junji Moribe
- P080★ Research on the usage of wallows by Ryukyu Wild Boar (*Sus scrofa riukiuanu*) in Iriomote Island
○Moeko Komiyama, Hisashi Matsubayash, Chokenn Ishigaki, Hinata Tazawa
- P082★ Anatomical studies on the tail of carnivorous
○Kotaro Akabane, Nozomi Kurihara

- P084★ Annual comparison of the occurrence trends of the Ryukyu long-furred rat on Northern Okinawa Island using the route census method
○Yuto Ohga, Shun Kobayashi
- P086★ Anatomical studies on the forelimb of the masked palm civet
○HARUYA KIKUCHI, Nozomi Kurihara
- P088★ Hoof morphology of three Japanese even-toed ungulates based on CT scan images
○Nozomi Sueki, Yui Kobatake, Mami Murakami, Junji Moribe
- P090★ Potential of substitute use between tissues of carbon and nitrogen stable isotope ratios in striped dolphins *Stenella coeruleoalba*.
○Akiha Tsukada, Noriko Funasaka, Taiga Yodo, Ayumu Furuyama
- P092★ Foraging behavior of the Japanese hare (*Lepus brachyurus*) in response to snow cover conditions in the cool temperate zone
○Kai Sato, Masayuki U Saito
- P094★ Morphological comparisons of sika deer (*Cervus nippon*) antlers among local populations using photogrammetry 3D models
○Masahiro Noda, Mugino O. Kubo, Kent Mori, Seiki Takatsuki, Hideki Endo
- P096★ Atmospheric conditions: Impacts of forest type and weather on bat activity in Ashiu's ancient forest
○Fay Taylor, Heungjin Ryu, Lina Koyama
- P098★ Morphological comparison of the inner-laryngeal muscles by using 3D models in hylobatids
○MICHIHIRO YAGAMI, Takeshi Nishimura
- P100★ The situation of utilization of sika deer (*Cervus nippon*) in Kamikochi
○Yukino Aihara, Akiko Takii, Shigeyuki Izumiyama, Kumiko Okubo

- P102★ Spring diet of the Japanese marten (*Martes melampus melampus*) in Kyoto and Shiga prefectures
○Shuichiro Sawada, Shigeki Watanabe, Kenji Fukunaga, Yayoi Kaneko
- P104★ Molecular phylogenetic analysis and development of monitoring methods for the endangered Japanese squirrel (*Sciurus lis*) in Hiroshima prefecture, Japan
○MASAE HIROSE, Masahide Nishibori, Takahiro Yonezawa, Jun Hatase, Ayako Noda, Hiroshi Yasue
- P106★ Estimation of the distribution of food-producing trees used by Asiatic black bears in North-Kinki population of Hyogo prefecture
○KAZUTERU MIKUNI, DAISUKE FUJIKI, MAYUMI YOKOYAMA, YOSHIKI MORIMITSU
- P108★ Haul-out monitoring of Steller sea lions (*Eumetopias jubatus*) on Moneron Island
○Nanami Abe
- P110★ Effects of introducing boat fenders as environmental enrichment device on regurgitation behavior in captive common bottlenose dolphins (*Tursiops truncatus*) with observations of contact incidences
○Shio Iwata, Chika Shirakata, Shuto Haneda, Shohei Nagano, Gen Watanabe, Maiko Kawaguchi
- P112★ Effects of feeding damage on seedlings by Yezo sika deer at natural forest management area.
○Masafumi Miyashita, Yasuyuki Tachiki
- P114★ Evaluation of Deer Damage Control Enhancement Project in Toyooka City, Hyogo Prefecture, Japan, Based on Dung Masses Survey and Red Pine Branch Feeding Damage Survey.
○Shingo Shimada, Daisuke Fujiki, Kazuaki Naito
- P116★ Range shift of the northern pika in Hokkaido
○Tomoki Sakiyama, Jorge García Molinos

- P118★ Relationships between rodent nests and arthropods -Creation of arthropod habitats through the reproduction activities of *Apodemus argenteus*-
○Ayumu Teruuchi, Tsutomu Enoki, Tatsuo Oshida
- P120★ Morphological Evolution Inside the Nose of Pangolins
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- P122★ What are effective strategies for female-selective trapping?: An empirical and practical study in feral cat management on Mikura Island
○Tsugumi Nose, Mikuni Tokuyoshi, Nariko Oka, Yuya Watari
- P124★ Which is more effective, visual or olfactory cues? -Foraging behavior of Orii's flying fox-
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- P126★ Elucidating the consumers of anthelmintic fox baits against *Echinococcus* in small public area
○Riho Ueda, Hirokazu Kouguchi, Kohji Uraguchi, Miki Sugimoto, Tatsuo Oshida
- P128★ Food habits of Asian black bear (*Ursus thibetanus*) and seasonal variation in Cesium-137 transfer factor of each food items in Central Region, Fukushima Prefecture.
○Reina Gorai, Yui Nemoto, Kenji Inami, Masahiko Kabeya, Hisashi Komatsu, Kiemi Murakami, Kousuke Kanda, Kouji Yamazaki
- P130★ Seasonal changes in leaf feeding habits of Siberian flying squirrels (*Pteromys volans orii*) in *Abies sachalinensis*-dominated mixed forest in Hokkaido, Japan
○Sayo Nonaka, Tatsuo Oshida
- P132★ Resting site selection by wild boars focusing on detailed environmental factors.
○TOMOYA SHICHIJO, Akitaka Omori, Takashi Ikeda, Daishi Higashide, Makoto Asano, Takaaki Suzuki, Masatsugu Suzuki

- P134★ A study method for evaluating the impact of sika deer on the understory vegetation in low-density area
○Naoto Habutsu, Chiharu Moriguchi, Hiroyuki Uno
- P136★ Geographical variation of Siberian weasels (*Mustela sibirica*), by ddRAD-seq analysis
○KENTARO TSUCHIHASHI, YU ENENDO, KAZUO SUZUKI, SATOSHI SUZUKI, ATSUSHI NAGANO, YOSHINORI NISHITA, RYUICHI MASUDA
- P138★ Estimation of individual-based track with discontinuous pixel coordinates of 10 mammalian species
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- P140★ Relative growth of external characteristics in the Ryukyu long-furred rat *Diplothrix legata*
○YOSHINO NAKAYAMA, SHUN KOBAYASHI
- P142★ How does snow depth affect winter habitat use by sympatric sika deer and Japanese serow?
○SATSUKI FUNATSU, Satsuki Nakamori, Hidenori Nozawa, Masaki Ando
- P144★ Frequencies of coprophagy based on the behavioral differences in East European vole
○Mizuki Takenouchi, Goro A Nagura-Kato, Chihiro Koshimoto, Akio Shinohara
- P146★ A morphological study of the vomeronasal organ in nutria, *Myocastor coypus*
○Junna Wada, Shuji Kobayashi, Kouichi Kawamura
- P148★ Are raccoon dog's feces friends with seeds?
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- P150★ When do deer and railway collisions occur?
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- P152★ The Relationship Between the Daily Activity of Cats and Native Species"
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- P154★ Relationship between raccoon dogs and cats in urban parks in north Tama
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- P156★ Local Residents' Attitudes Toward Free-Ranging Cats in Gifu City
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- P158★ The functional morphological examination of skull evolution strategies of
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- P160★ Seasonal Diet of the Stoat in Low-Latitude Mountainous Region
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- P162★ Effects of characteristics in small agricultural ponds and the surrounding
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- P164★ Survey of raccoon habitats in Hirosaki City, Aomori Prefecture, using camera
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- P166★ Estimation of the habitat distribution area of *Mustela erminea nippon* with GIS
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- P168★ Vegetation alteration by sika deer and human disturbance synergistically create
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○JUMPEI YAMASHITA, yosuke Sembongi, Hiroshi Tsunoda, Hiroto Enari

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○HARU TANAKA, Hikari Myoshu, Masahiro Iwasa

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○Urara Kawata, Makoto Asano, Tatsunori Masatani
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○Reo Kishida, Yoshitaka Deguchi
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○RYOSUKE KODA, Yuzuru Ishizuka, Takashi F Haraguchi
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○Tsukasa Ono, Fumiaki Inaba, Shin Kanno, aki Mitsuhashi, Mizuki Kumon, Takuzi Enomoto, Noriko Yokoyama, Yusei Azuma, Toshio Doi, Atsushi Okada
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○KOUHEI HAYASHI, KIYOMASA MIKI

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○TAKESHI HONDA, Natsuki Mitsui, Zhaowen Jiang
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- P135 Behavioral characteristics of female urban black bears in Tango area, Kyoto Prefecture, Japan
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