

英文プログラム

(Timetables and Program in English)

Thursday 7, September

Build.	Room	9	10	11	12	13	14	15	16	17	18	19	20	21
Build. #1	Entrance					Reception								
	A (1-118)										F01: Current situations and issues in wild boar research 17:00-19:00			
	1-217					Break room								
	Meeting Room 2nd floor	Headquarter												
Build. #2	2-100					Exhibition booths								
	C (2-101)	MSJ Business meeting 海生哺乳類 10:00-11:00		MSJ Business meeting シカ作業部会 11:00-12:00		MSJ Business meeting イノシシ作業部会 13:00-15:00		MSJ Business meeting 哺乳類保護管理 15:00-17:00				MSJ board member meeting 18:00-20:00		
	2-104					Break room								
	D (2-201)	MSJ Business meeting クマ作業部会 10:00-12:00				MSJ Business meeting レッドデータ 13:00-15:00		MSJ Business meeting 種名・標本 15:00-16:00	MSJ Business meeting 歴史・あゆみ 16:00-17:00					
	B (2-205)	MSJ Business meeting 大会・将来委員会 10:00-12:00				MSJ Business meeting 和文誌 13:00-15:00		MSJ Business meeting 英文誌 15:00-16:00		F02: Histories and future prospects of ICT in Wildlife Management 17:00-19:00				
	E (2-301)									F03: Conducting cooperative research with "ZOOs" 17:00-19:00				
	F (2-305)									F04: Trend of researches and recent findings on Japanese serow (2023) 17:00-19:00				
Build. #3	3-101					Poster (P033-048)								
	3-102					Poster (P049-064)								
	3-103					Poster (P065-080)								
	3-104					Cloak room								
	3-202					Poster (P017-032)								
	3-203					Poster (P001-016)								
	3-204					Exhibition booths								
	3-205					MSJ 100th Anniversary Exhibition								
	3-302					Poster (P081-096)								
	3-303					Poster (P097-112)								
	3-304					Poster (P113-128)								
Build. #4	4-101					Poster (P145-169)								
	4-103					Poster (P170-183)								
		9	10	11	12	13	14	15	16	17	18	19	20	21

Friday 8, Sept.

Build.	Room	9	10	11	12	13	14	15	16	17	18	19	20	21
	Entrance	Reception												
Build. #1	A (1-118)	OA-01~07 8:45-10:30					OA-08~16 13:00-15:15					F08: Conservation and management of cetaceans: inspired from local, small scale, but long-term observations 17:00-19:00		
	1-217	Break room												
	Meeting Room 2nd floor	Headquarter												
Build. #2	2-100	Exhibition booths												
	C (2-101)	OC-01~07 8:45-10:30					OC-08~17 13:00-15:30					F10: Japanese "Mammalogy" in an era without "Honyurui-gaku" 17:00-19:00		
	2-104	Break room												
	D (2-201)	OD-01~06 8:45-10:15					OD-07~16 13:00-15:30					F11: Road impacts on wildlife habitat 17:00-19:00		
	B(2-205)	OB-01~07 8:45-10:30					OB-08~16 13:00-15:15					F09: Creating an open database for camera trapping data in Japan part 2: platform and progress 17:00-19:00		
	E (2-301)	OE-01~07 8:45-10:30			Luncheon meeting: Science paper writing 12:00-13:00			F06: Unveiling ecology of endemic mammals in Ryukyu Islands 13:15-15:15			F12: The challenges of the eradication of non-native wild boars in island regions 17:00-19:00			
	F (2-305)	F05: The Road to Eradication of Mongoose in Okinawa and Amami 8:45-10:45			Luncheon meeting: Research abroad for young 12:00-13:00			F07: Conservation and management challenges and issues facing native small and medium-sized carnivores 13:15-15:15			F13: How to establish of information collection system on the unintentional capture of non-target species? 17:00-19:00			
	Build. #3	3-101	Poster	Core time① 11:00-12:00	Poster				Core time② 15:45-16:45	Poster				
3-102		Poster	Core time① 11:00-12:00	Poster				Core time② 15:45-16:45	Poster					
3-103		Poster	Core time① 11:00-12:00	Poster				Core time② 15:45-16:45	Poster					
3-104		Cloak room												
3-202		Poster	Core time① 11:00-12:00	Poster				Core time② 15:45-16:45	Poster					
3-203		Poster	Core time① 11:00-12:00	Poster				Core time② 15:45-16:45	Poster					
3-204		Exhibition booths												
3-205		MSJ 100th Anniversary Exhibition												
3-302		Poster	Core time① 11:00-12:00	Poster				Core time② 15:45-16:45	Poster					
3-303		Poster	Core time① 11:00-12:00	Poster				Core time② 15:45-16:45	Poster					
3-304		Poster	Core time① 11:00-12:00	Poster				Core time② 15:45-16:45	Poster					
Build. #4	4-101	Poster	Core time① 11:00-12:00	Poster				Core time② 15:45-16:45	Poster					
	4-103	Poster	Core time① 11:00-12:00	Poster				Core time② 15:45-16:45	Poster					

Poster core time: Core time ① for odd-numbered posters, Core time ② for even-numbered posters.

Saturday 9, Sept.

Build.	Room	9	10	11	12	13	14	15	16	17	18	19	20	21
	Naha Cultural Arts Theater NAHArt, Main Hall		Award lectures 9:50-11:25	General meeting & Award celemony* 11:25-12:50			Public symposium 13:50-16:20			100th Anniversary symposium 16:35-18:00				
	Hotel Collective Banquet Hall												Banquet* 19:00-21:00	
		9	10	11	12	13	14	15	16	17	18	19	20	21

*The Best Presentation Awards will be announced and presented at the banquet.

*Cloak time NAHArt : 9:30-18:15, Hotel Collective : 18:30-21:15.

Sunday 10, Sept.

Build.	Room	9	10	11	12	13	14	15	16	17	18	19	20	21	
Build. #1	Entrance	Reception													
	A (1-118)	F14: Current status and challenges in classical swine fever (CSF) in wild boars 8:45-10:45		F19: How to draw lines between bears and humans? 11:00-13:00											
	1-217	Break room													
	Meeting Room 2nd floor	Headquater													
Build. #2	2-100	Exhibition booths													
	C (2-101)	F16: Topics of Paleomammalogy 8:45-10:45		F21: Researches to solve the invasive cat issues 11:00-13:00											
	2-104	Break room													
	D (2-201)	F17: Current and future knowledge of the feline biology 8:45-10:45		F22: Carnivore studies in urban areas 11:00-13:00											
	B (2-205)	F15: Mammal studies at regional universities 8:45-10:45		F20: Ecology of rodents 2023 11:00-13:00											
	E (2-301)														
	F (2-305)	F18: Reconsideration of the management of forest damage by sika deer 8:45-10:45		F23: How can we achieve and maintain a target density level of sika deer populations? 11:00-13:00											
Build. #3	3-101	Poster													
	3-102	Poster													
	3-103	Poster													
	3-104	Cloak room													
	3-202	Poster													
	3-203	Poster													
	3-204	Exhibition booths													
	3-205	MSJ 100th Anniversary Exhibition													
	3-302	Poster													
	3-303	Poster													
	3-304	Poster													
	3-305	Poster													
Build. #4	4-101	Poster													
	4-103	Poster													
		9	10	11	12	13	14	15	16	17	18	19	20	21	

7, September 17:00~19:00

A room

F01

Current situations and issues in wild boar research
Takashi Ikeda, Chihiro Kase, Soichiro Doyama

B room

F02

Histories and future prospects of ICT in Wildlife Management
Shigeki HIRATA, Naoto YAMABATA

E room

F03

Conducting cooperative research with "ZOOs". - 3.Let's go to the Zoo -
Jun Hatase, Masahide Nishibori, Yoshie Kanao

F room

F04

Trend of researches and recent findings on Japanese serow (2023).
Konoka Aiba, Ryosuke Kishimoto, Nagi Aono, Tetsuji Ito, Hayato Takada, Shiori
Ikushima

8, September 8:45~10:45

F room

F05

The Road to Eradication of Mongoose in Okinawa and Amami
Takuma HASHIMOTO

8, September 13:15~15:15

E room

F06

Unveiling ecology of endemic mammals in Ryukyu Islands
Mugino O. Kubo, Shoji Hayashi

F room

F07

Conservation and management challenges and issues facing native small and medium-sized carnivores: Toward the establishment of a working group on small and medium-sized carnivores
Hideharu Tsukada, Yoshikazu Seki, Takahiro Murakami, Makoto Asano

8, September 17:00~19:00

A room

F08

Conservation and management of cetaceans: inspired from local, small scale, but long-term observations

Yu Kanaji, Nozomi Kobayashi, Hayao Kobayashi, Kaoru Hattori, Hikari Maeda

B room

F09

Creating an open database for camera trapping data in Japan part 2: platform and progress

Keita Fukasawa, Masaki Yasukawa, Yoshihiro Nakashima, Hayato Iijima, Shun Takagi, Masaki Ando, Hiroaki Aizawa

C room

F10

Japanese "Mammalogy" in an era without "Honyurui-gaku"

Masatoshi Yasuda, Shin-ichiro Kawada

D room

F11

Road impacts on wildlife habitat

Yushin Asari, Takane Shikano, Yoshiki Yamada

E room

F12

Current methods and techniques in response to the challenges of the eradication of non-native wild boars (and feral pigs) in island regions

Norihiro Kawauch, Masatsugu Suzuki

F room

F13

How to establish of information collection system on the unintentional capture of non-target species?

Chizuru Yayota, Ryota Araki, Chinatsu Kosakai

10, September 8:45~10:45

A room

F14

Current status and challenges in classical swine fever (CSF) in wild boars
Mayumi Yokoyama, Masatsugu Suzuki

B room

F15

Mammal studies at regional universities, part II: Introducing newly
recommended researches
Hiroto Enari, Masayuki U. Saito

C room

F16

Topics of Paleomammalogy: extinction of past mammals and environmental
fluctuation
Masanaru Takai, Susumu Tomiya, Yuichiro Nishioka

D room

F17

Current and future knowledge of the feline biology
Masao Miyazaki, Yuki Matsumoto, Shota Ichizawa, Shinichi Watanabe, Hikari
Koyasu, Reiko Uenoyama

F room

F18

Reconsideration of the management of forest damage by sika deer
Noriko Yokoyama, Hayato Iijima, Shun Takagi

10, September 11:00~13:00

A room

F19

How to draw lines between bears and humans?

Kyoko Kobayashi, Hifumi Tsuruga, Koichi Waseda, Mami Kondo, Kosuke Nakagawa, Seigo Sawada, Kenta Sakakura

B room

F20

Ecology of rodents 2023. The past and future of wild mice studies in Japan.

Shinsuke H. Sakamoto, Takuya Shimada, Takashi Saitoh, Noriko Tamura

C room

F21

Researches to solve the invasive cat issues

Yuya Watari, Tsugumi Nose

D room

F22

Carnivore studies in urban areas, part 7: carnivores in high human density area

Yayoi Kaneko, Yosuke Amaike, Shigeki Watanabe

F room

F23

How can we achieve and maintain a target density level of sika deer populations? Season 3

Hiromasa Igota, Hiroshi Takahashi, Yukiko Matsuura, Takashi Ikeda

8, September AM

A room

8:45~10:30 Bear/Carnivora

(except Pinnipedia) (Ecology, Management, and Others)

OA-01 8:45~9:00

Are the bears in the urban forest bold? - Factors that influenced on bear responses to camera traps using honey as the lure -

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

OA-02 9:00~9:15

Spatial analysis of range expansion of Asiatic black bear populations for the population management at regional scale

○SHUN TAKAGI

OA-03 9:15~9:30

Estimation of feeding rate and amount of berries in wild black bears (*Ursus thibetanus*) using animal-borne video systems

○YOSHIKI MORIMITSU

OA-04 9:30~9:45

Research on prevention of damage caused by Asiatic black bears to preservative-treated wood

○Ryu Noda, Seiki Kumagai

OA-05 9:45~10:00

Comparison of spatio-temporal niche of the four introduced carnivores on Okushiri Island, Hokkaido

○TAKA AKI ENOMOTO, MASAYUKI SAITO

OA-06 10:00~10:15

Influence of dog size and owner-robot interactions on dogs at the pointing test with a humanoid robot

○Haruka Kasuga, Yuichiro Ikeda Kasuga

OA-07 10:15~10:30

Influence of nanoparticles on fibroblasts of zoo animals for the evaluation of environmental substances.

○Kyoko Kanoe, Mirei Hotta, Tae Kusaka, Yui Sakaguchi, Masahiro Takeda, Chiaki Nakamura, Hideto Toyoda, Kaori Ota, Kosuke Toda, Yuto Yosimoto, Umi Miyajima, Saori Sato, Koumei Shirasuna

B room

8:45~10:30 Small and Medium sized Carnivora

(except Pinnipedia) (Alian Species, Ecology, and Others)

OB-01 8:45~9:00

Advantages and disadvantages of wildlife management by fertility control - Focusing on immunocontraceptive vaccines

○MAKOTO ASANO

OB-02 9:00~9:15

Settlement of urban fox in Sapporo

○KOHJI URAGUCHI

OB-03 9:15~9:30

Construction of a Geographic Information System to visualize raccoons capture information and to share it with local governments in Oita prefecture.

○Minami W Okuyama, Yoshihisa Tsurunari, Kei Uchida

OB-04 9:30~9:45

Toward solving social issues in the construction of effective and efficient control systems for invasive alien raccoons

○Tohru Ikeda, Takaaki Suzuki

OB-05 9:45~10:00

Estimation of reproductive stage in female non-native raccoons by observation of teat pigmentation

○TAKUYA KATO, Yamasaki Fumiaki, Hiroko Otsubo, Shin-ichi Hayama

OB-06 10:00~10:15

Behavioral analysis of raccoons by GPS telemetry

○TESTUROU MATSUMOTO, SHINICHI WATANABE

OB-07 10:15~10:30

Historical investigation into articles around 1930 on Shouzaburou Watase's introduction of the mongoose to the Okinawa Islands, Japan, in 1910

○YUKIBUMI KANEKO

C room

8:45~10:30 Artiodactyla & Perissodactyla

(Alien Species, Ecology, and Others)

OC-01 8:45~9:00

Practical Research on ESD for the Conservation of Japanese Serows in UNESCO Biosphere Reserve ~Children's Perceptions of Japanese Serows~

○AKIRA ENDO

OC-02 9:00~9:15

The Difference in density estimation between timelapse and sensor camera trapping

○KOHTA HAYASHI

OC-03 9:15~9:30

Feeding habits and selectivity for evergreen plants of the invasive herbivore Reeves's muntjac (*Muntiacus reevesi*) in Izu-Oshima island

○Ikuya Ochi, Takashi Kamijo, Shinji Ozawa, Mio Nakajima

OC-04 9:30~9:45

Trial on the impact assessment of introduced goats for vegetation on Uotsurijima Island, Senkaku Islands, Japan using Normalized difference vegetation index (NDVI)

○YASUSHI YOKOHATA, Nobuhiko Yoshimura, Buho Hoshino, Flavio Furukawa, Masami Kaneko

OC-05 9:45~10:00

Effects of mammal behavior on deadwood decomposition

○YOSUKE KURIHARA

OC-06 10:00~10:15

Acceleration analysis of insect avoidance behavior to understand migration and habitat selection of wild ungulates

○Takehiko Y. Ito, Ako Nagasaki, Riku Tada, Dale Manjiro Kikuchi, Munkhbat Uugannbayar, Buyanaa Chimeddorj

OC-07 10:15~10:30

Positional memory of Asian elephants using structure with holes

○Mayu Sakurama, Shogo Yoshida, Yuna Kamada, Kota Tubomatu, Takanori Kooriyama

D room

8:45~10:15 Wild Boar, etc. (Ecology and Physiology)

OD-01 8:45~9:00

Discrimination between juvenile and adult images of Japanese deer and wild boar using deep learning.

○MAYUMI YOKOYAMA, Christopher Kyed, Hiroo Imaki, Hajime Ise, Hazuki Arakida

OD-02 9:00~9:15

Evaluation of the health status of Japanese wild boars living in contaminated areas

○Kazuma Otsuka, Kaori Murase

OD-03 9:15~9:30

Reproductive schedule and population fluctuations of the Ryukyu wild boar—the crucial role of the masting of *Castanopsis sieboldii*

○TAKUYA SHIMADA, Nobuhiko Kotaka, Hayato Iijima

OD-04 9:30~9:45

Verifying an anecdote told by hunters in Higashi-Hiroshima: relationship between wild boar and deer

○MIYABI NAKABAYASHI

OD-05 9:45~10:00

Study of physiological changes and cold tolerance in *Mangalica*

○Sangwoo Kim, Tatsuki Okazaki, Kisaki Tomita, Miho Sekiguchi, Kaho Eguchi, Misuzu Hashimoto, Kana Shimada, Yuki Muranishi

OD-06 10:00~10:15

Study of fatty acid composition and gene expression of fat with seasonal effect in *Mangalica*.

○Tatsuki Okazaki, Sangwoo Kim, Kisaki Tomita, Miho Sekiguchi, Kaho Eguchi, Kana Shimada, Misuzu Hashimoto, Nana Mikami, Yuki Muranishi

E room

8:45~10:30 Small and Medium sized Mammal (Ecology and Conservation)

OE-01 8:45~9:00

Impact of the rapid increase in sika deer population on small mammals as a main food resource for the endangered Tsushima leopard cat

○ATSUSHI NAKAMOTO, NOZOMI NAKANISHI, MASAKO IZAWA

OE-02 9:00~9:15

Fecal DNA metabarcoding analyses for mammals inhabiting the campus of Fukuyama University

○JUN SATO, Ryusei Kosakaie, Ren Kitagawa, Yasunori Yamaguchi

OE-03 9:15~9:30

Rome was not built in a day — Time to grasp information on plant feeding of wild Japanese macaques (*Macaca fuscata*) —

○YAMATO TSUJI, Maisa Sekizawa, Hideki Sugiura, Naofumi Nakagawa

OE-04 9:30~9:45

Roadkill distribution of Siberian weasels and Japanese weasels in Okazaki, Aichi

○TAKAFUMI TATEWAKI, Yuzu Nishizawa, Yasuo Nakajima, Aoi Miyanishi, Daisuke Sumiyama, Reika Yasuhara, Aguri Murakami, Satoshi Suzuki

OE-05 9:45~10:00

Analysis of animal mortality data using calls from citizens in Gifu city, Japan

○Rei Shiraki, Junji Moribe

OE-06 10:00~10:15

Roadkill record of mammals in and around Abiko City, Chiba Prefecture(2021~2023)

○HITOHO YATAKE

OE-07 10:15~10:30

Coproduction of wildlife hunting management in tropical rainforests with indigenous and local knowledge and science

○Shun Hongo

8, September PM

A room

13:00~15:15 Deer/Artiodactyla (Ecology and Management)

OA-08 13:00~13:15

Where did sika deer eat dwarf bamboos in snowy habitat?

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

OA-09 13:15~13:30

Comparison of tick burden of sika deer and brown bears in Hokkaido: what factors influence the tick abundance?

○Kotaro Shimizu, Ryo Nakao, Michito Shimosuru, Hifumi Tsuruga, Yuri Shirane, Masami Yamanaka, Genta Ito, Kohei Shinjo, Yoshihiro Umemura, Takuya Murakami, Ayaho Ijuin, Toshio Tsubota

OA-10 13:30~13:45

Corral trap structure suitable for capturing sika deer in meadows

○YOSHIHIRO INATOMI, TOSHIKATSU KAMEI

OA-11 13:45~14:00

Japanese Deer Capture using Box Traps: A Comparative Evaluation between Double-Door and Single-Door Designs

○YUTAKA YOSHIDA

OA-12 14:00~14:15

Attracting female sika deer with salt water

○KEI K SUZUKI, Taiki Mori, Hiromi Yamagawa

OA-13 14:15~14:30

Comparison of camera trap and line census methods for estimating sika deer population composition.

○RYUTA NISHI, Naoko HIGUCHI, Hideharu TSUKADA TSUKADA, Masato MINAMI

OA-14 14:30~14:45

Year-round inhabitation of the riverbeds in the Nobi Plain, central Japan, by sika deer (*Cervus nippon*)

○JUNJI MORIBE, Kei Nishiwaki

OA-15 14:45~15:00

Comprehensive information sharing system to facilitate wildlife management policies by relevant agencies -Development of "Hyogo wildlife management GIS" -

○NAOTO YAMABATA, Syun Takagi, Yasunori Hirose, Hiroo Imaki, Hajime Ise

OA-16 15:00~15:15

Conservation and management issues for deer, wild boar, and bears

○KOICHI KAJI

B room

13:00~15:30 Cetacea & Pinnipedia (Ethology and Ecology)

OB-08 13:00~13:15

Feeding behavior of Weddell seals during the nursing period that varies according to the growth of their offspring.

○TAKASHI IWATA, Kim Goetz, Rachel Holser, Sarah Michael, Matt Pinkerton, Kagari Aoki, Akinori Takahashi, Katsufumi Sato

OB-09 13:15~13:30

Positioning of adult captive bottlenose dolphins during formation locomotion

○TAIGA NISHIMURA, Hiroto Yamamoto, Kouji Kandda, Tomoko Mori, Yuki Oshima, Shinsuke Torisawa, Yasushi Mitsunaga, Mai Sakai

OB-10 13:30~13:45

Characteristics of conspecific aggression of dugongs in Thailand

○Chiaki Yamato, Kotaro Ichikawa, Kongkiat Kittiwattanawong, Nobuaki Arai

OB-11 13:45~14:00

Reassessing density dependent growth in male sperm whales based on stranded specimens

○MASAO AMANO, Hayao Kobayashi, Takumu Ochiai, Kagari Aoki, Nobuyuki Kashiwagi, Yuko Tajima, Tadasu K Yamada

OB-12 14:00~14:15

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

○FUMIKA NOTO, Masao Amano

OB-13 14:15~14:30

First-ever aerial observation of Sato's beaked whales (*Berardius minimus*), at Abashiri Submarine Canyon, Hokkaido, Japan

○HAYAO KOBAYASHI, Ikuta Shun, Kobayashi Mari

OB-14 14:30~14:45

Estimation of killer whale distribution in the northern Nemuro Strait using maximum entropy model

○Riku Terashita, Yoko Mitani, Fumio Nakahara, Yuki F Kita, Shigeo Saino, Motoi Yoshioka, Hiroshi Ohizumi

OB-15 14:45~15:00

Estimation of abundance trend for humpback whales migrating to Okinawan waters using mark-resighting data

○TOSHIHIDE KITAKADO, Nozomi Kobayashi, Haruna Okabe, Sachie Ozawa

OB-16 15:00~15:15

Isotope analysis of amino acids in marine mammals, as a potential tool for evaluating environmental changes in marine ecosystems

○Mio Shibuya, Yuko Takizawa, Yoshito Chikaraishi

C room

13:00~15:30 Rodentia (Taxonomy and Ecology)

OC-08 13:00~13:15

Historical population expansion and crossing the Sado Strait in the Japanese field vole and Japanese hare around the last glacial maximum

○HITOSHI SUZUKI, Mitsuo Nunome, Takuro Yanase, Takeshi Eto, Masahi Harada, Gohta Kinoshita

OC-09 13:15~13:30

Phylogenetic analysis of *Rattus rattus* complex (Rodentia: Muridae) from Philippine

○SHINYA OKABE, Anna Pauline O. de Guia, Ikeda Yugo, Masaharu Motokawa

OC-10 13:30~13:45

Phylogeny of *Maxomys surifer* (Miller, 1900) basedn on Cytochrome *b* in Thailand

○AWATSAYA PIMSAI, Yugo Ikeda, Masaharu Motokawa

OC-11 13:45~14:00

Size variation of house rat *Rattus tanezumi* in East and Southeast Asian islands

○MASAHARU MOTOKAWA, Yugo Ikeda, Shinya Okabe, Tuan Hai Bui, Truong Son Nguyen, Anna Pauline O. de Guia, Liang-Kong Lin

OC-12 14:00~14:15

Interproximal space morphology in molars of Ryukyu mouse *Mus caroli* (Rodentia: Muridae)

○THU MIN WAI, Shinya Okabe, Masaharu Motokawa

OC-13 14:15~14:30

An alien squirrel population appeared to be totally eradicated from Takashima island

○MASATOSHI YASUDA, TAKESHI MORISAWA, NORIKO TAMURA

OC-14 14:30~14:45

Reproductive cycle of nutria suggested by detailed age determination using crystal lens

○Yuta Iida, Akitaka Omori, Akira Isomura, Eiji Hosoi

OC-15 14:45~15:00

Habitat use and behavioral evaluation of the Nutria in the Fushino river basin, Yamaguchi city

○SHIN-ICHI WATANABE, Tetsuro Matsumoto

OC-16 15:00~15:15

A relationship between density of Japanese wood mouse and availability of ground fruits

○Tomohito Ito, Yamato Tsuji

OC-17 15:15~15:30

Black *Rattus rattus* sensu lato on the Ogasawara Islands

○Tatsuo Yabe, Takuma Hashimoto

D room

13:00~15:30 Chiroptera/Eulipotyphla/Others

(Ecology, Taxonomy and Morphology)

OD-07 13:00~13:15

Acoustic monitoring of bats under artificial lighting at night around large-scale commercial facilities

○TATSUYA NORO, Masaki Ota

OD-08 13:15~13:30

A case of predation of hibernating bats by rodents observed in an abandoned mine in Shimane Prefecture, Japan.

○Seiya Ando

OD-09 13:30~13:45

Assessing the use of marine areas by bats using SM4-BAT

○Yojiro Hagiwara, Ayako Kurimoto, Yasuhiro Nagai, Kozo Muramatsu, Yoshiaki Aida

OD-10 13:45~14:00

Comparative study of bent-winged bats (Miniopteridae, *Miniopterus*) from China

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

OD-11 14:00~14:15

On the cervicoauricular muscles in bats

○DAISUKE KOYABU, Tzu-Chin Chi, Masaki Takechi, Toshiko Furutera, Vuong Tan Tu, Taro Nojrii, Dai Fukui

OD-12 14:15~14:30

Tensile-responded bone microstructure in the limbs of two-toed sloth
(*Choloepus didactylus*): Implication of the function
○DAICHI NAKAI, Alan Boyde

OD-13 14:30~14:45

The automatic hooking mechanism in *Choloepus didactylus*: difference
between fore- and hind limb
○KENTA KATO

OD-14 14:45~15:00

Functional morphological study of the double-pulley astragalus of artiodactyls
using three-dimensional simulation.
○SEIICHIRO TAKEDA, Hideki Endo

OD-15 15:00~15:15

Cusp homologies between the premolar and the molar in shrews based on
developmental mechanism of the tooth crown
○Atsushi Yamanaka, Yasin Haider, Wataru Morita, Tetsuya Goto

OD-16 15:15~15:30

Phylogenetic relationships of the genus *Eurosaptor* (Eulipotyphla: Talpidae)
from Vietnam with a systematic revision
○Ngan Thi Nguyen, Hai Tuan Bui, Masaharu Motokawa

Poster Session

Poster award candidates (★)

8, September 11:00~12:00 (Core Time 1) : odd number

8, September 15:45~16:45 (Core Time 2) : even number

8, September 11:00~12:00 (Core Time 1)

3-203 room

P001

Communicate with world's researchers through Mammal Study

○Editorial board, Mammal Study

P003★

Telomere length and its variation factors in marine mammals

○HARUKA NAKAJIN, Satoko S. Kimura, Yuichi Mizutani, Koji Kanda, Takashi Kamio, Takaomi Ito, Kensuke Yamada, Rieko Toriyama, Ikuo Wakabayashi, Sayo Sonezaki, Yasuaki Niizuma

P005★

The relationship between dissolved oxygen concentrations and the foraging behavior of northern elephant seals in the mesopelagic zone.

○Atsuya Ogata, Arina Favilla, Rachel Holser, Theresa Keates, Daniel Costa, Akinori Takahashi

P007★

Acoustic properties of bottlenose dolphins in the dolphin program

○Rin Oyamada, Marin Matsushiro, Keiko Yamamoto, Takanori Kooriyama

P009★

The pattern of species richness and functional diversity of bats determined by latitude and island area in the Japanese archipelago

○TAKAHIRO MAKI, Toshihide Hirao, Dai Fukui

P011★

A glimpse into the foraging and movement behavior of *Nyctalus aviator*, a complementary study by acoustic recording and GPS-tracking.

○Yoshifumi Niga, Emyo Fujioka, Olga Heim, Akito Nomi, Dai Fukui, Shizuko Hiryu

P013★

Dietary analysis of three insectivorous bats in the northern foot of Mt. Fuji using DNA metabarcoding.

○Yuuto Kane, Hayato Takada, Takashi Hayakawa, Dai Fukui, Eiji Inoue

P015★

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

○Asumi Suzuki, Motoki Sasaki, Daisuke Koyabu, Shin'ichiro Kawada, Tatsuo Oshida

3-202 room

P017★

A study on the identification of closely related species by images using guard hair cuticles with machine learning

○KEI NISHIWAKI, Junji Moribe

P019★

An anatomical study on the forearm and palm of the masked palm civet

○Haruya Kikuchi, Nozomi Kurihara

P021★

Muscle specialization producing the ability of digging in badger

○Shigeto Akiyama, Nozomi Kurihara

P023★

Haplotypes within the continental clade were found in Japanese raccoon dogs

○Chise Ozawa, Fumie Shimokawa, Masaru Murakami, Natsuno Kataoka,
Hideharu Tsukada, Eiji Inoue

P025★

A report on direct observation of developmental changes in social behavior in
wild red foxes

○KOKI YOSHIMURA

P027★

An attempt to analyze the effects of birth and nursing cubs on the activity level
of black bears during hibernation and mating season.

○XIN LUO, Naoki Takekoshi, Kahoko Tochigi, Tomoko Naganuma, Chinatsu
Kozakai, Shinsuke Koike, koji Yamazaki

P029★

Habitat selection and density estimation of the introduced Japanese Weasel in
Miyake Island

○KOTARO KUBO, Taisei Tachikawa, Miki Hirose, Rina Tanaka, Masami
Hasegawa, Eiji Inoue

P031★

Food habitats of the raccoon dog in Tokachi, Hokkaido

○Shunsuke Shimizu, Yushin Asari

3-101 room

P033★

A simple method for estimating the dependence of cats on food of human origin in the northern part of Okinawajima Island

○Nanaho Murata, Takashi Nagamine, Yumiko Nakaya, Yubi Kuroda, Masako Izawa, Shun Kobayashi

P035★

Vocal repertoire in the Japanese badger

○Kae Fukushima, Mami Nagao, Eri Iijima, Hisashi Matsubayashi

P037★

Effects of extermination at the range margins on the spatial genetic structure of brown bear populations

○ATSUSHI ODANAKA, Shizuka Kikuti, Natsuki Fukushima, Yuta Sakai, minori Suzuki, Tetsuzi Ito, Yasuyuki Ishibashi, Yoshikazu Sato

P039★

Secular changes in brown bears diet using scat analysis

○Shizuka Kikuchi, Kyoko Kobayashi, Yoshikazu Sato

P041★

Factors affecting the spatial distribution structure of brown bears by sex and age in Sapporo, Hokkaido, Japan.

○Yuto Hayashi, Yuta Sakai, Yoshikazu Sato

P043★

Changes in the habitat conditions of birds and animals, mainly four species of medium-sized mammals, inside the difficult-to-return zones in Fukushima Prefecture

○Masataka Ogawa, Koichi Isami, Masahiro Fujita, Tomonori Kawamoto, Takuma Hashimoto, Masanari Aoki, Yoji Konno, Ken Toratani

P045★

Human activity-associated establishment of invasive mink population estimated using environmental DNA

○Masayuki K. Sakata, Toshihiro Takaba, Takashi Kanbe, Takashi Mitsuduka, Shoko Inoue, Hiroki Mizumoto, Hitoshi Araki

P047★

Behavioral Ecological Study of Black Bear based on Individual Identification using feces in Hiroshima Prefecture

○Kazushi Masuda, Fumika Ito, Masahide Nishibori, Hiroshi Yasue, Ayako Noda, Jun Hatase

3-102 room

P049★

Effects of Fukushima Nuclear Disaster's Long-term Evacuation Orders on the Distribution of Medium and Large Mammals

○RIKI YAMANE, Koji Yamazaki

P051★

Preliminary analysis of the process of boar habitat expansion into islands in the eastern Setouchi region

○SHINTARO ISHIZUKA, Eiji Inoue, Takeo Kuriyama

P053★

Stress evaluation of sika deer (*Cervus nippon*) in different slaughtering processes based on serum cortisol concentrations

○MOTOKI INOUE, Nozomi Matsubara, Satoshi Kusuda, Junji Moribe

P055★

Do Ryukyu wild boar predict the spawning of sea turtles?

○Yuichi Oyama, Yushin Asari, Ryou Nakamura

P057★

Stomach Content Analysis of Wild Boars (*Sus scrofa*) in Fukushima Prefecture.

○Yuya Sugawara, Yamato Tsuji, Hisashi Komatsu, Shota Mochizuki

P059★

The home range of the Japanese serow and its seasonal changes in the Kuraiyama Experimental Forest, Gifu University.

○Misaki Yasunaka, Yusaku Yamada, Takashi Ikeda, Masaki Ando

P061★

The research on reproductive season of sika deer (*Cervus nippon yesoensis*) in Shiretoko Peninsula

○Takuya Murakami, Tomiyasu Jumpei

P063★

Direct and indirect impacts of foraging by sika deer on habitat uses of non-hibernating mammal species under heavy snowfall conditions

○Jumpei Yamashita, Haruka Enari, Moeri Akamatsu, Yosuke Sembongi, Hiroto Enari

3-103 room

P065★

Wallowing behaviors based on seasonal changes of two large ungulate species.

○KANON SATO, Akino Inagaki, Shinsuke Koike

P067★

Crop damage control for sika deer in Rakuno Gakuen University

○Daichi Kanai, Manami Kaneko, Kazuki Hirayama, Tetsuji Itoh

P069★

Effects of weather conditions and age class on wallowing of wild boars.
○TOMOYA SHICHIJO, Takashi Ikeda, Daishi Higashide, Takaaki Suzuki,
Akitaka Omori, Masatsugu Suzuki

P071★

Functional evaluation of solar-powered GPS loggers during the defoliation and
leaf-opening periods
○MAKOTO SAWA, Takuya Koizumi, Takuji Noda, Yoshihisa Minami, Yasuyuki
Tachiki

P073★

Effects of local environmental factors on train-deer collisions
○HIDENORI NOZAWA, Masaki Ando

P075★

Performance testing of leg snare traps suitable for capturing sika deer
○Koharu Ikeda, Ryutaro Oizumi, Kiyoshi Yamauchi

P077★

Comparison of anti-predator behavior of arboreal monkeys against three
different predator species
○Tae Seike

P079★

Study on flight initiation distance(FID) of Japanese macaques -Focusing on the
age-sex class of monkeys and human attributes-
○Yuta Nakagawa, Kiyomasa Miki

3-302 room

P081★

Comparisons of external characteristics between sexes in the adult Ryukyu long-furred rat *Diplothrix legata*

○Yoshino Nakayama, Shun Kobayashi

P083★

Characteristics of the winter group of Siberian flying squirrels from the perspective of changes in group members over consecutive two years

○HAYATO KIKUCHI, Tatsuo Oshida

P085★

A study on communal nesting of *Apodemus argenteus* during the breeding period

○NORI SASAKI, Tatsuo Oshida

P087★

Tree cavity using patterns by *Diplothrix legata* in Yambaru, the northern part of Okinawajima

○Teppei Higashi, Shun Kobayashi

P089★

Hoarding behavior of the Siberian flying squirrel *Pteromys volans orii* in natural broad-leaved forest in Hokkaido, Japan.

○Yukiko Homma, Ayumu Teruuchi, Yasuhiro Utsumi, Tatsuo Oshida

P091★

Monthly changes in the food habit of the Japanese dormouse (*Glirulus japonicus*) inhabiting planted forest based on fecal analysis.

○Akira Isomura, Akitaka Omori, Haruka Suehiro, Yuta Iida, Eiji Hosoi

P093★

Development of a new non-invasive monitoring system for Japanese squirrels (*Sciurus lis*) in Western Chugoku mountains, Japan

○Masae Hirose, Masahide Nishibori, Ayako Noda, Jun Hatase, Hiroshi Yasue

P095

Direct reprogramming of dermal fibroblasts to brown adipocytes by small chemical compounds using cells from dead animals and spheroid production

○Mirei Hotta, Kyouko Kanoe, Yui Sakaguchi, Masahiro Takeda, Chiaki Nakamura, Kaori Ota, Kousuke Toda, Yuto Yoshimoto, Umi Miyagima, Saori Sato, Koumei Shirasuna

3-303 room

P097

Leptospirosis and migration route of Rodents in Miyako island, Okinawa (Progress)

○DAISUKE WAKU, MIKA UCHIDA

P099

Behavioral observation of Okinawa spiny rats using an automatic video camera

○Hideto Toyoda, Daisuke Watanabe, Michio Kinjo, Shuhei Nomoto, Yubi Kuroda, Chihiro Kase, Takashi Nagamine

P101

Structure and function of the vocalization of Japanese squirrels, *Sciurus lis*

○NORIKO TAMURA, YUKIKO FUJII, KEIJI IMAI

P103

Pollination system of *Mucuna thilandica* (Fabaceae), endemic to the alpine zone in Thailand

○SHUN KOBAYASHI, Somsak Panha, Nattawadee Nantararat, Tetsuo Denda, Masako Izawa

P105

Biological and environmental factors influencing reproductive parameters in ICR mice, *Mus musculus*

○TOYOHITO TANAKA, Jin Suzuki, Akiko Inomata

P107

Density estimation of Amami rabbit *Pentalagus furnessi* applying the REST model

○TAKAHIRO MOROSAWA, Fumio YAMADA, MARIKO SUZUKI, SHINTARO ABE, KEITA FUKASAWA, TAMOTSU MATSUDA, TAKAHIRO OGURA

P109

A study on a change of damages for planted broad-leafed seedlings by wildlife in early spring

○YASUYUKI TACHIKI, Shiori Igarashi

P111

A preliminary study on the detection of echolocation in *Sorex* shrews by comparing behavioral and acoustic patterns

○KUNIKO KAWAI, Kamiyama Shumpei, Kanata Tanaka, Kota Yamakata, Satoshi D Ohdachi

3-304 room

P113

Current problems of the true pipistrelle (*Pipistrellus* s.lato; Vespertilionidae, Chiroptera) taxonomy

○SERGEI V KRUSKOP, S.S. Zhukova, E.N. Solovyeva

P115

Aerial predation of Japanese pipistrelle *Pipistrellus abramus* by several diurnal predatory bird species in a suburban riverine habitat

○KEIKO OSAWA, YUSHI OSAWA

P117

Breeding and growth of Orii flying foxes in zoo captivity

○Yoshie Kanao, Tomoaki Nakamura, Masako Izawa

P119

Genetic diversity of MHC class II *DRB* genes in the Altai weasel (*Mustela altaica*)

○NODOKA SUZUKI, Yoshinori Nishita, Alexei V. Abramov, Ryuichi Masuda

P121

A preliminary study of the peculiar walking style of brown bears and the possibility of pedal markings

Haruka Murakami, Hisaaki Toyoshima, ○YOSHIKAZU SATO

P123

Analysis of sex-biased dispersal in a monogamy mammal

○Eiji Inoue, Minoru Hashimoto, Kotaro Kubo, Kaede Abe, Kaoru Nagasaki, Ayano Shinohara, Runa Doi, Mizuki Aoki, Masato Minami, Hideharu Tsukada

P125

Development of a method for detecting hybrids between small-clawed and smooth-coated otters in Malaysia

Takeshi Sekiguchi, Daisuke Waku, Akihiro Yamane, ○HIROSHI SASAKI

P127

Niche partitioning between competitive meso-canids

○HIROSHI TSUNODA

3-305 room

P129

Bed-site selection of Asiatic black bears in the Central Alps, Japan

○TOMOKI MORI, IZUMIYAMA SHIGEYUKI

P131

Bears that learned about cornfields: behavioral changes of Asiatic black bears before and after corn field use

○AKIKO TAKII, Rumiko Nakashita, Hiromitsu Oosawa, Shigeyuki Izumiyama

P133

Comparison of seasonal changes in feeding history recorded in hair of Asiatic black bears and their utilization of corn fields revealed by GPS telemetry

○RUMIKO NAKASHITA, Akiko Takii, Shigeyuki Izumiyama

P135

GPS tracking of brown bears captured in Shimukappu Village, Hokkaido.

○TETSUJI ITOH, Kazuho Imai, Yui Nemoto, Michito Shimozuru, Toshio Tsubota, Tsuyoshi Urata

P137

Trial on prevention of raccoon's attack to bird nest boxes

○YUSHIN ASARI, Sayaka Mori, Satoshi Konno, Miwa Konno

P139

Who Ate This Fruit? Trial of fast and easy species determination using environmental DNA, which can be done on farmland

○CHINATSU KOZAKAI, Ayaka HASEGAWA, Hiroki MATSUMURA, Yusuke GOTO

P141

Microsatellite and mtDNA assessment of genetic traits and exchange using 2 distinguished populations of Asian black bear in Tottori Prefecture

○KESUKE KATO, Kosuke Nakagawa, Yuki Nose, Aki Nakajima

P143

Hokkaido wolves sent from Hokkaido to the Kaitakushi Provisional Museum during the Meiji Era

○KAYO UMEKI

4-101 room

P145

The dentition and physical development of Japanese macaques in the wild population of Shiga prefecture, Japan. A new attempt by a private company: making specimens of Japanese macaques.

○MAO ASAMI, Yuta Nakagawa, Kohei Hayashi, Kiyomasa Miki

P147

Evaluating addiction levels of Japanese macaque troops through using bioacoustic monitoring

○Hiroto Enari, Haruka S Enari

P149

What is a suitable land cover map for analyzing the habitat of Japanese macaques in Wakayama Prefecture?

○KOUHEI HAYASHI, Yuta Nakagawa, Kiyomasa Miki

P151

Examination of blow sampling method for population genetic analysis of wild killer whales

○YUKI F KITA, Takuto Matsuda, Fumio Nakahara, Shigeo Saino, Yoko Mitani, Hiroshi Ohizumi, Motoi Yoshioka

P153

The rough-toothed dolphin (*Steno bredanensis*) around Ryukyu Islands, Japan

○NOZOMI KOBAYASHI, Sachie Ozawa, Haruna Okabe

P155

Why Do Hippos Have a Larger Mouth Opening Compared to Other Ungulates?

○KENT MORI

P157

Sus husbandry practice in the Ryukyu Islands during the period of social transformation: case study of archaeological remains from the Nakijin-jo Site.
○EISUKE YAMADA, HITOMI HONGO, HIDEKI ENDO

P159

Diversity of mitochondrial D-loop haplotypes from ancient Thracian horses in Bulgaria
○YOSHINORI NISHITA, Yosuke Amaike, Nikolai Spassov, Latinka Hristova, Dimitar Kostov, Diyana Vladova, Stanislava Peeva, Evgeniy Raichev, Radka Vlaeva, Ryuichi Masuda

P161

Searching for shrub species as indicators of sika deer density
○SATSUKI NAKAMORI, Tomoko Onodera, Takashi Ikeda, Takumi Shirakawa, Shogo Kato, Masaki Ando

P163

Monitoring of wild boar (*Sus scrofa*) and Sika deer (*Cervus nippon*) using camera trap in the Tateyama area of the Northern Alps
○Kazuyori Mamiya, Hisaaki Akaza

P165

Examination of simple one-way gates for Reeves' muntjac (*Muntiacus reevesi*).
○Karin Yamamura, Chihiro Kase, Katuji Uetake

P167

A simple method for identifying damage caused by wild boars using unmanned aerial vehicles
○DAISUKE NAKAMURA, GENTA KANAI

P169

Evaluation landscape restoration of wetlands using RGB-based by UAV Imagery : in Ozegahara Mihon-en
○TAKAYUKI HANEDA, Yousuke Mori, Syo Kobayashi

4-103 room

P171

Camera collares for tracking Sika Deer in short intervals

○Kohei Kobayashi, YUKI AIDA, KONOMI KOBAYASHI, TSUYOSHI YOSHIDA

P173

Variations of a peripheral receptor for pheromones (vomeronasal organ) and its primal center (accessory olfactory bulb) in mammals: histological studies on European badgers.

○Daisuke Kondoh, Jumpei Tomiyasu

P175

Timeline Analysis of Animal Tracks V — On Track-Density (provisional)

Method —

○HIROFUMI HIRAKAWA, Daisuke Muramatsu, Akiko Takii, Shigeyuki Izumiyama

P177

Detecting Mammal species from rainfall through canopy using DNA barcoding

○SOH KOBAYASHI, Daisuke Nakano, Jumpei Suzuki

P179

High standardization of anti-animal net fences

○TAKAHIRO OHBA, Tatsumune WASHIYMA, Satoshi TAKEKAWA, Takumi FURUYASHIKI

P181

Technology to improve the performance of electric fences on concrete using conductive paint

○TAKESHI HONDA

P183

Can mature conifer plantations maintain the diversity of mammal communities?

○HARUKA S ENARI, Hiroto Enari

8, September 15:45~16:45 (Core Time 2)

3-203 room

P002★

An anatomical study on the palms and forearms of spotted seals and northern fur seals

○Shusuke Asaoka, Nozomi Kurihara

P004★

Analysis of Cranial ontogeny in Steller's sea lions using bivariate allometry

○RYUNOSUKE YUGE, YUMI KOBAYASHI, TAKEOMI ISONO, ORIO YAMAMURA

P006★

Interchange of humpback whales among Yakushima, Okinoerabu, Amami and Okinawa

○HARUNA OKABE, Nao Takada, Kazutoshi Uehara, Kiyoshi Maetoshi, Katsuki Oki, Nozomi Kobayashi, Sachie Ozawa

P008★

Distribution and hotspots of finless porpoise in Osaka Bay using environmental DNA analysis

○Nagisa Hashimoto, Takashi Iwata, Toshifumi Minamoto

P010★

Genetic population structure and diversity of the Asian parti-colored bat (*Vespertilio sinensis*) in Japanese archipelago: the possibility of the seasonal migration

○Shumpei Kamiyama, Kuniko Kawai

P012★

Area of activity during the breeding season of the Bonin flying fox ♀ (*Pteropus
pselaphon*)

○HAJIME SUZUKI, KAZUO HORIKOSHI, NAOKO SUZUKI, SORA HORIKOSHI,
YOUSUKE AMEDA, HARUMI HORIKOSHI

P014★

Analysis of acoustic navigation of echolocation bats in the wild during high-
density flight: Simultaneous video and acoustic measurements of simultaneous
nest-site behavior by multiple species

○Ryota Sugimori, Emyo Fujioka, Kakeru Sugimoto, Hitoshi Habe, Hiroaki
Kawashima, Shizuko Hiryu

P016★

A newly found relic population gives insight into the evolutionary history of
lesser Japanese mole *Mogera imaizumii*

○TAKERU TSUNOI, Reiko Mitsuhashi, Masashi Harada, Masaru Notsu, Shuji
Yachimori, Shinji Yano, Hitoshi Suzuki, Naoki Osada

3-202 room

P018★

Morphological and evolutionary adaptations of skull in marsupials

○RIKA NAKAGAWA, Hideki Endo

P020★

The evolution of the nasal turbinals in laurasiatherians

○KAI ITO, Ryo Kodera, Martinez Quentin, Mugino Kubo, Noriyuki Kuroda

P022★

Temporal changes in population structure and genetic diversity of the urban
foxes in Sapporo

○Makoto Mita, Yohsuke Amaike, Kouji Uragutsi, Ryuichi Masuda

P024★

An approach for age estimation using DNA methylation levels in hair follicles in brown bears

○Shiori Nakamura, Jumpei Yamazaki, Naoya Matsumoto, Kyougo Hagino, Hideyuki Sakamoto, Masami Yamanaka, Masanao Nakanishi, Mina Jimbo, Yojiro Yanagawa, Hideyuki Ito, Toshio Tsubota, Michito Shimozuru

P026★

Fox vs Raccoon Dog vs Masked Palm Civet:evaluation of interspecific interactions among native and exotic mesocarnivores using artificial feeding sites during summer in the Shonai region

○Hinako Takasaki, Masayuki U Saito

P028★

Seasonal changes in forest road use by mammals in snowy region

○MIO SUZUKI, Masayuki U Saito

P030★

Using ultrasonic repellents to protect Tokyo salamander spawning ponds from raccoons

○Kentaro Ushiki, Ryuji Gunji, Yui Nakayama, Yayoi Kaneko

P032★

Who's eating wild boar carcasses? Comparison with scavenger guild for deer carcasses

○AKINO INAGAKI, Testuya Maruyama, Yosuke Sembongi, Ai Hachiya, Shinsuke Koike

3-101 room

P034★

Distribution and activity patterns of carnivores in urban parks at Northern Tama Region

○Shogo Fujita, Yusuke Takada, Haoyu Zhou, Yayoi Kaneko

P036★

Can Asian black bears get bigger as they experience more good years of Fagaceae mast seeding?

○KAHOKO TOCHIGI, KAEDE TAKAYAMA, KEITA FUKASAWA, TOMOKO ANEZAKI, MISAKO KUROE, TETSUYA MARUYAMA, TOMOKO NAGANUMA, KOJI YAMAZAKI, SHINSUKE KOIKE

P038★

Asian black bears' selectivity for crossing the road: effects of sex and season

○SEUNGYUN BAEK, Tomoko Naganuma, Koji Yamazaki, Kahoko Tochigi, Akino Inagaki, Yusuke Goto, Naoki Takekoshi, Shinsuke Koike

P040★

Assessment of the role of Japanese black bear denning sites within forest ecosystems.

○Miu Itoh, Naoki Takekoshi, Shinsuke Koike, Koji Yamazaki

P042★

An experimental assessment of the DNA degradation of the small Indian mongoose feces

○Takuma Sato, Akira Sawada, Katsushi Nakata, Takamichi Jogahara

P044★

Verification of the effectiveness of bush clearing to prevent Asiatic black bears from staying near human settlements

○Takuma Matsumoto, Akiko Takii, Shigeyuki Izumiyama

P046★

Abundance and nesting environment of ants as food for Japanese black bears
(*Ursus thibetanus japonicus*)

○Kazuteru Mikuni

P048★

The habitat and occurrence patterns of Asian black bears in Kitakata City,
Fukushima Prefecture

○Nao Ishii, Shota Mochizuki

3-102 room

P050★

Morphological study of hoof of sika deer, Japanese serow and wild boar

○NOZOMI SUEKI, Yui Kobatake, Mami Murakami, Junji Moribe

P052★

Genetic analysis using the mtDNA D-loop region of the Japanese wild boar
inhabiting Omishima

○Shusaku Nakazato, Kei Okuda

P054★

Flexible defensive behavior of male sika deer (*Cervus nippon*) holding mating
territory

○KEITA NAKAMURA, NAOKO HIGUCHI, HAYATO TAKADA, NOBUMASA
OHNISHI, MASATO MINAMI

P056★

Who eats the carcasses of wild boars? ~Potential for spread of CSF virus by
scavengers~

○AKITAKA OOMORI, Tomoya Shichijo, Takashi Ikeda, Daishi Higashide,
Takaaki Suzuki, Masatsugu Suzuki

P058★

Activity cycle of Mongolian gazelles revealed by acceleration analysis:

Seasonal and interannual changes and regional difference

○Ako Nagasaki, Takehiko Y. Ito, Dale Manjiro Kikuchi, Munkhbat Uuganbayar, Buyanaa Chimeddorj, Hideharu Tsukada

P060★

Effect of culling on the spatial distribution of the sika deer (*Cervus*

nippon): Anthropogenic disturbance drives deer to high altitude areas?

○HAYATO TAKADA, Keita Nakamura

P062★

Feeding frequency and selectivity for dwarf bamboos by sika deer (*Cervus nippon*) in Mt. Kintoki, in Hakone mountains.

○Yuta Hirahara, Noriko Kawashima, Kengo Furubayashi, Kozi Yamazaki

P064★

Trends in habitat use of sika deer and Japanese serow revealed by camera traps

○Satsuki Funatsu, Satsuki Nakamori, Hidenori Nozawa, Masaki Ando

3-103 room

P066★

Factors causing bark stripping damage by sika deer at forest stand and local scales

○Naomichi Kawashima

P068★

Research on the wildlife-related accidents using automobile insurance data

○Mutsuki Uchida, Toshiyuki Katsuki, Yui Mazima, Masato Nishibayashi, Sayaka Ito, Junji Moribe

P070★

REST Model for Density Estimation of Sika Deer in Tsumagoi, Gunma Prefecture

○Ryota Hirakawa, Kentaro Umeda, Hideaki Wakazawa, Sachiko Moriguchi, Takuya Kato, Sin-ichi Hayama

P072★

Implementation of a camera trapping network to manage sika deer in Mt. Fuji

○Haruka Mizumura, Keita Nakamura, Taisuke Yasuda

P074★

The sustainability of hunter-driven wildlife management: quantifying the relationship between culling costs and human-wildlife conflict reduction

○Takeshi Serizawa, Kawamura Kensuke, Hayato Iijima, Yoshihiro Inatomi, Yuichi Osa, Toshikatsu Kamei, Masahiro Osada, Satomi Katou, Takumi Akasaka

P076★

Optimal sampling schedule for estimation of home range area

○KANA TERAYAMA, Motomi Genkai-Kato

P078★

Urban Infestation of Japanese Macaques in Yamaguchi City, Yamaguchi Prefecture and its Emergency Response

○MUSASHI KURAMOTO, Nourin Yamaguchi Prefecture

P080★

Novel phenotypic convergence in placentals revealed by comprehensive detection of gene convergence

○Tomoya Nishiguchi, Wataru Iwasaki

3-302 room

P082★

Behavior of carrying nest materials by *Apodemus argenteus* in Hokkaido, Japan, considering costs and benefits

○Ayumu Teruuchi, Yukiko Honma, Yasuhiro Utsumi, Tatsuo Oshida

P084★

The effects of social separation in the early-life on behavioral tendency after development in *Octodon degus*

○RINA UKYO, akio Shinohara, chihiro Koshimoto, Goro A Nagura, Seiji Ieiri, Yasuhiro Tsuzuki, Shinsuke H Sakamoto

P086★

Winter breeding of Japanese field vole under snow cover

○CHIE MURANO, Hayato Iijima, Nobuyuki Azuma

P088★

Breeding season gap of *Apodemus speciosus* between two sites with approximately the same daylength and the sex difference in the gap.

○Nana Ito, Souta Horitani, ai Kobayashi, Ayaka Hujiwara, Kosuzu Touda, Shinsuke H Sakamoto

P090★

Ecological insights into the diet and other ecological aspects of invasive chipmunks in natural forests in Nagano Prefecture.

○TOMOKI ABE

P092★

Relationship between habitat environments and fecal cortisol metabolites concentration in the Japanese giant flying squirrels

○Rena Ogasawara, Tatsuki Shimamoto, Toui Taki, Hiroyuki Okazaki

P094

Comparative phylogeography of three mammalian genera endemic to the central Ryukyu Islands

○GOHTA KINOSHITA, Kyoko Suda, Daisuke Aoki, Naoki Ohnishi, Takamichi Jogahara, Shinichiro Fukumoto, Jun J Sato, Fumio Yamada, Hitoshi Suzuki

P096

A photograph-based analysis of coat color variation in the Japanese dormouse, *Glirulus japonicus*

Haruka Gotoh, Haruka Aiba, Shusaku Minato, ○MITSUO NUNOME

3-303 room

P098

Mammal communities and paleoecology in Shikoku during the latest Pleistocene (40–10 ka)

○YUICHIRO NISHIOKA, Soichiro Kusaka, Makoto Kobayashi

P100

The changes in vole populations dynamics from 1970 to 2022

○NOBUHIRO AKASHI

P102

Records of Amami rabbit rearing at school in Yamato Village, Amami Oshima

○TATSUYA HIRAGI, SATOSHI SUYAMA

P104

Current Status of Formosan squirrel (*Callosciurus erythraeus*) in Ibaraki Prefecture.

○Yusuke Goto, Yuji Yamashita, Koji Yamazaki, Noriko Tamura

P106

Evaluation of habitat fragmentation and connectivity based on genetic analysis of large Japanese field mouse (*Apodemus speciosus*) in urban green spaces
○RIONA INOUE RIOAN INOUE

P108

Measurement of radioactive strontium 90 accumulated in the large Japanese field mouse
○HIROKO ISHINIWA, Jo Aoki, Mahiro Goto, Yoshitaka Takagai

P110

Breeding of *Sorex gracillimus* in captivity
Konomi Kobayashi, Natsumi Iijima, Naoya Honda, Kuniko Kawai, Shinnosuke Kubojima, ○SATOSHI OODACHI

P112

Diversity of the eulipotyphlan mammals from Vietnam
○Hai Tuan Bui, Ngan Thi Nguyen, Son Truong Nguyen, Shinya Okabe, Masaharu Motokawa

3-304 room

P114

Development of sounds during postnatal growth and communication calls between nursery females in the Ussurian Tube-nosed Bat *Murina ussuriensis*
○KIMITAKE FUNAKOSHI, Kimitake Funakoshi

P116

The eastern bent-winged bat uses two World Heritage Irrigation tunnels depending on the seasons
○MARIKO SAKAMOTO, TAKUJI SAKATA, MORIYA AMANO

P118

Ultrastructural analysis of apocrine gland cells in the back skin of male brown bears (*Ursus arctos*)

○JUMPEI TOMIYASU, Daisuke Kondoh, Hiroki Bochimoto, Naoya Matsumoto, Yojiro Yanagawa, Motozumi Matsui

P120

Age estimation based on blood DNA methylation levels in Japanese black bears

○MICHITO SHIMOZURU, Shiori Nakamura, Jumpei Yamazaki, Hiroo Tamatani, Misako Kuroe, Koji Yamazaki, Shinsuke Koike, Yusuke Goto, Tomoko Naganuma, Kahoko Tochigi, Akino Inagaki, Naoki Takekoshi, Seungyun Baek, Hideyuki Ito, Toshio Tsubota

P122

Do raccoon dogs pick and choose where they defecate?

○MAYUMI KISHIMOTO

P124

Ecological data for medium-sized carnivores surveyed by Cloud-Upload IoT camera traps

○Shuntaro Nomoto, Yusuke Takada, YayoiYayoi Kaneko

P126

Population structure and reproductive status of Masked palm civets *Paguma larvata* captured in East Nagano area

○YUKO FUKUE, KUNIHIRO YAMASHITA, MISA KO KUROE, TSUYOSHI TAKESHITA

P128

Use of wallows by Carnivora

○KYOTA YOSHIDA, Hisashi Matsubayashi

3-305 room

P130

Verification of the accuracy of Asian black bear activity content using Hidden Markov Model

○SHINSUKE KOIKE, Aya Shimazaki, Seungyou Baek, Tomoko Naganuma, Kahoko Tochigi, Akino Inagaki, Yusuke Goto, Naoki Takekoshi, Koji Yamazaki

P132

Effects of crop use on brown bear body condition in late summer

○YURI SHIRANE

P134

Study of homerange of injured Tsushima leopard cats

○CHISA MINOURA, TAKASHI SHIBAHARA

P136

Chronological dynamics of breeding dens of raccoon dogs in urban green areas

○Konomi Suzuki, Takehiko Kamito

P138

Fluctuations in free-ranging cat populations in urban green spaces

Yui Masubuchi, ○TAKEHIKO KAMITO

P140

Seasonal use of livestock farms: Raccoons in rural area of central Hokkaido

○SAYA YAMAGUCHI, Mayumi Ueno, Yoshihiro Inatomi

P142

Status of range expansion of Asian black bears into Abukuma mountains, Japan

○KOJI YAMAZAKI, AYAKO SUZUKI, YUI NEMOTO, TETSUJI ITO

P144

Verification of the effectiveness of baiting campaign with anthelmintics for red foxes, with special reference to their life-history

○Daisuke Matsumoto, Takumi Akasaka, Hirokazu Kouguchi, Kohji Uraguchi, Naoto Wada, Masahiro Osada, Tatsuo Oshida

4-101 room

P146

Comparison of Japanese macaque vegetation use by simultaneous tracking of three monkeys - Individuals and troop spread-

○HIROSHI EBIHARA, Yu Iwata, Chisa Minoura

P148

Habitat Selection and Levels of Aggression in Japanese Macaques (*Macaca fuscata*) in Fukushima City

○SHOTA MOCHIDUKI

P150

Current situation of capturing Japanese macaques in municipalities

○KANAKO MITSUOKA TANIMURA, MASA AKI TAKIGUCHI, TOMONORI KAWAMOTO, TOMOMI ARATANI, MAYA UZAWA, YUKI HAYASHI

P152

On the innervation of the hair follicles on the upper jaw in the adult bottlenose dolphin.

○NOZOMI KURIHARA

P154

Current status of Japanese serow in Inuyama city, Aichi Prefecture based on surveys of dead body and camera traps

○Yuta Shintaku, Rie Akami, Asuka Takano, Tomo Takano

P156

Structure and function of the placenta and amniotic plaques in the giraffe
○Haruka Goya, Motoki Sasaki, Gen Bando, Ryohei Nakamura, Nobutaka Sato,
Miki Sugimoto, Sohei Tomikawa, Saori Kobayashi

P158

Diversity of Nuchal Ligament in Ungulates: Exploring the Functional
Significance of Unique Bifurcation Structure
○MEGU GUNJI, Yoichi Masuda, Akira Fukuhara, Hideki Endo

P160

Development of Movement-Inhibiting Structure Using Optical Illusion Effect for
Survus nippon
○AZUSA MORI, Daiti Akimoto, Kazuki Ushijima, Shingo Nakazawa, Shuji
Kobayashi

P162

Activity patterns of sika deer based on activity sensor data of GPS collars in
the Tanzawa Mountains
○ZHAO-WEN JIANG, Koji Nagata, Kesuke kato

P164

Jumping Ability of Captive Sika Deer (*Cervus nippon centralis*) to fence
obstacle
○SOICHIRO DOYAMA, Keisuke Ishikawa, Hironori Ueda

P166

Development of a Method for Identifying Optimal Wild Boar (*Sus scrofa*)
Capture Locations at the Municipal Scale
○YU IWATA, TAISUKE MIYAMOTO, HARUMI WADA, HIRONORI SEINO

P168

Population trends in sika deer populations around urban areas: Case of the Lake Shikotsu

○Takashi Ikeda, Yukiko Matsuura, Hiroshi Takahashi, Hiromasa Igota, Takuma Watanabe

4-103 room

P170

Trend and differ between regions of sika deer density index in Iwate Prefecture,2019-2022

○SHIGEKAZU KURAKAKE, Norimasa Senzaki, kiyoshi Yamauchi

P172

Attitudes and behaviors of visitors to natural areas toward prevention of domestic animal infectious diseases in wild animals

○TOMOKO NAGANUMA, Tomohiko Endo, Takahiro Suzuki, Ayako Kaneko, Shigeki Hirata

P174

Revisiting an historic theory, the field theory, explaining the morphogenesis of mammalian molar

○MASAKAZU ASAHARA, Tomohiro Harano

P176

Camera trap survey for wildlife monitoring in the protected areas on Amami Oshima Island

○SHIHO FUJITA, Noko Eimura, Shin Ugawa, Motohiro Kawanishi, Eiji Suzuki, Shuichiro Tagane, Shuntaro Watanabe, Rico Hachisuka

P178

Proper rearing and awareness of pet of the residents in the Natural World Heritage site, Amami-Oshima Island, Tokunoshima Island, the Northern Part of Okinawa Island and Iriomote Island

○FUMIO YAMADA, Kazumi Shionosaki, Kumi Maruyama, Nobuo Ishii, Yuko Kyuno, Hisahiro Torikai, Mutsumi Minobe, Takashi Nagamine

P180

The beginning of the Wildlife Large-scaled Camera Monitoring in Gifu Pref.

○TAKAAKI SUZUKI, Daishi Higashide, Takashi Ikeda, Tomokazu Kusakabe

P182

Integrating wild boar and meso-carnivore records on newspaper databases

○TAKAHIRO MURAKAMI, KAZUMI ARAI