

英文プログラム

(Timetables and Program in English)

Schedule

Saturday 28, August

Room	9:00	11:00	13:00	15:00	17:00	19:00
Main Hall (Max. 3000 participants)		Public Symposium 10 : 00~12 : 00				
Poster exhibition	Always open		Core time① Poster award candidates (Group 1) 12 : 00 ~13 : 00	Core time② Poster award candidates (Group 2) 13 : 00 ~14 : 00	Always open	
room A (Max. 300)			F1 Hierarchical modeling promotes scientific population management of wildlife 14 : 05~16 : 05	F3 Infectious diseases transmitting across natural environment and human activity areas 16 : 15~18 : 15		
room B (Max. 300)			F2 Frontiers of mammalian foraging ecology by dental microwear texture analysis 14 : 05~16 : 05	F4 Genetics in Wild Mice 16 : 15~18 : 15		
room C (Max. 300)			F5 How can understanding the "individual difference" contribute the management of large mammals? 16 : 15~18 : 15		Career Symposium 18 : 30~20 : 30	
Exhibition booths	Always open					
Reception desk	You can participate full program of the meeting on the day, if you pay participation fee by your credit card.					

Core time for poster session ①Poster award candidates (Group 1) No. 1 ~ 4 5, ②Poster award candidates (Group 2) No.4 6 ~ 9 0

Sunday 29, August

Room	9:00	11:00	13:00	15:00	17:00	19:00
Main Hall (Max. 3000 participants)	Award lectures① 9 : 00~10 : 35					
Poster exhibition	Always open	Core time③ Non-award posters (Group 3) 10 : 45 ~11 : 45	Core time④ Non-award posters (Group 4) 11 : 45 ~12 : 45	Always open		
room A (Max. 300)			F6 Ecology of rodents 2021 13 : 00~15 : 00	F9 Let's begin genomics of wild mammals! 15 : 15~17 : 15		
room B (Max. 300)			F7 New perspectives in bat research 13 : 00~15 : 00	F10 Current status and challenges for the updated national distribution survey of three carnivore species. 15 : 15~17 : 15		
room C (Max. 300)			F8 The current status of measures of invasive alien mammals in Japan: from successes and failures 13 : 00~15 : 00	F11 Monitoring methods and management systems of wild boar required for classical swine fever control 15 : 15~17 : 15		
Exhibition booths	Always open					
Reception desk	You can participate full program of the meeting on the day, if you pay participation fee by your credit card.					

Core time for poster session ③Non-award posters (Group 3) No. 9 1 ~ 1 2 3, ④Non-award posters (Group 4) No.1 2 4 ~ 1 5 8

Schedule

Monday 30, August

Room	9:00	11:00	13:00	15:00	17:00	19:00
Main Hall (Max. 3000 participants)		Award lectures② 11 : 15~13 : 00	General meeting 13 : 15~14 : 45	Award celemony 14:45 ~15:15		
Poster exhibition	Always open					
room A (Max. 300)	F12 Who manages the deer inhabiting the forest and how? Discuss future prospects. 9 : 00~11 : 00			F15 The discussion of issues surrounding unintentional capture for next step towards the solution 15 : 40~17 : 40		
room B (Max. 300)	F13 Importance of information gathering to prevent human injuries caused by bears 9 : 00~11 : 00			F16 Carnivore studies in urban areas, part 5: co-exist with fox, badger, and marten 15 : 40~17 : 40		
room C (Max. 300)	F14 Workshop "Recent studies on Felidae in Japan" 9 : 00~11 : 00			F17 Expanding the Study of Invasive Alien Species Using the Pallas's Squirrel 15 : 40~17 : 40		
Exhibition booths	Always open					
Reception desk	You can participate full program of the meeting on the day, if you pay participation fee by your credit card.					

Tuesday 31, August

Room	9:00	11:00	13:00	15:00	17:00	19:00
Archives of symposia	You can watch the archival videos of Public Symposium, Career Symposium and Award lectures on demand					
Poster exhibition	Always open					
Exhibition booths	Always open					
Reception desk	You can participate full program of the meeting on the day, if you pay participation fee by your credit card.					

Free meetings

28 August (Sat) 14 : 05~16 : 05 room A

F1

Hierarchical modeling promotes scientific population management of wildlife
○HAYATO IJIMA, Keita Fukasawa, Masaki Ando, Shun Takagi

28 August (Sat) 14 : 05~16 : 05 room B

F2

Frontiers of mammalian foraging ecology by dental microwear texture analysis.
○MUGINO O KUBO, Konoka Aiba, Koga Miyamoto, Kazuha Hirata, Koyo Sato

28 August (Sat) 16 : 15~18 : 15 room A

F3

Infectious diseases transmitting across natural environment and human activity areas: The role of wildlife and the One Health approach

○YUYA WATARI, Masatsugu Suzuki, Hayato Iijima, Hiroyuki Matsuyama, Kimiko Okabe

28 August (Sat) 16 : 15~18 : 15 room B

F4

Genetics in Wild Mice

○JUN SATO, Akio Shinohara, Asato Kuroiwa, Hitoshi Suzuki

28 August (Sat) 16 : 15~18 : 15 room C

F5

How can understanding the "individual difference" contribute the management of large mammals?

○TOMOKO NAGANUMA, Chinatsu Kozakai, Ayaka Hata, Hiroto Enari, Takeshi Honda

29 August (Sun) 13 : 00~15 : 00 room A

F6

Ecology of rodents 2021

○SHINSUKE H. SAKAMOTO, Takuya Shimada, Noriko Tamura, Takashi Saitoh

29 August (Sun) 13 : 00~15 : 00 roomB

F7

New perspectives in bat research

○DAISUKE KOYABU, Fukui Dai, Kazuma Hase, Emyo Fujioka, Christian E
Vincenot, Jason H Preble, Nakamoto Atsushi, Masahiro Kajihara

29 August (Sun) 13 : 00~15 : 00 roomC

F8

The current status of measures of invasive alien mammals in Japan: from
successes and failures

○TAKAMICHI JOGAHARA, Masatoshi Yasuda, Makoto Aasano, Tohru Ikeda,
Yuya Watari, Takuma Hashimoto

29 August (Sun) 15 : 15~17 : 15 roomA

F9

Let's begin genomics of wild mammals!

○GOHTA KINOSHITA, Takuma Sato, Takeru Tsunoi, Yu Endo

29 August (Sun) 15 : 15~17 : 15 roomB

F10

Current status and challenges for the updated national distribution survey of three carnivore species: the raccoon dog, the red fox and the Japanese badger-2.

○HIDEHARU TSUKADA, Koji Uraguchi, Kanako Mitsuoka

29 August (Sun) 15 : 15~17 : 15 roomC

F11

Monitoring methods and management systems of wild boar required for classical swine fever control

○MAYUMI YOKOYAMA, Masatsugu Suzuki, Daishi Higashide, Taro Sugimoto, Manabu Oonuma, Emi Takeyama

30 August (Mon) 9 : 00~11 : 00 roomA

F12

Who manages the deer inhabiting the forest and how? Discuss future prospects.

○CHIZURU YAYOTA, Yasutaka Kishimoto, Takahiro Ohba

30 August (Mon) 9 : 00~11 : 00 roomB

F13

Importance of information gathering to prevent human injuries caused by bears
Koji Yamazaki, ○HIFUMI TSURUGA, Mami Kondo, Reina Uno, Hiroo Tamatani,
Seigo Sawada, Ryosuke Kishimoto, Toshiaki Shiraishi, Yusuke Goto, Chinatsu
Kozakai, Kosuke Nakagawa, Working group for bear management MSJ

30 August (Mon) 9 : 00~11 : 00 roomC

F14

Workshop"Recent studies on Felidae in Japan"

○RYUICHI MASUDA, Yuki Matsumoto, Masao Miyazaki, Masako Izawa, Naoya
Ohashi, Takao Sato

30 August (Mon) 15 : 40~17 : 40 roomA

F15

The discussion of issues surrounding unintentional capture for next step towards the solution

○SHIGEKI HIRATA, Yaseiseibutsuka Kankyousho, Chizuru Yayota, Cho Rinya, Takahiro Ooba, Yuuya Watari, Chinatsu Kozakai

30 August (Mon) 15 : 40~17 : 40 roomB

F16

Carnivore studies in urban areas, part 5: co-exist with fox, badger, and marten

○YAYOI KANEKO, Yosuke Amaike, Shigeki Watanabe, Junichi Kubota, Emi Kuboshima

30 August (Mon) 15 : 40~17 : 40 roomC

F-17

Expanding the Study of Invasive Alien Species Using the Pallas's Squirrel: The Potential for Multidisciplinary Integration through a Multifaceted Approach

○TATSUKI SHIMAMOTO, Hirotaka Katahira, Motohiro Ito

Poster Session

Core Time : 28, August 12:00~13:00 Poster award candidates (Group 1) P-001~045
28, August 13:00~14:00 Poster award candidates (Group 2) P-046~090
29, August 10:45~11:45 Non-award posters (Group 3) P-091~123
29, August 11:45~12:45 Non-award posters (Group 4) P-124~158

28, August 12:00~13:00 Poster award candidates (Group 1)

P-001★

Morphology of metacarpophalangeal and metatarsophalangeal joints and mobility of fingers and toes in bovids.

○Seiichiro Takeda, Hideki Endo

P-002★

Molecular geographic study of *Sus scrofa riukiuanus*

○Masaya Yamaguchi, Maho Ito, King L John, Masahide Nishibori, Yaetsu Kurosawa

P-003★

A study of foraging of the vertebrate in wild boar population of the Yamizo mountain region

○Nanako Tatori, Tomohiko Endo, Yuuji Kodera

P-004★

Timeline Analysis of Animal Tracks IV –New Developments of the Centroid Distance Method–

○HIROFUMI HIRAKAWA, Akiko Takii, Anna Oka, Shigeyuki Izumiyama

P-005★

Behavioral characteristics of subadult wild boars using the ear tag GPS

○TOMOHIKO ENDO, YUUJI KODERA

P-006★

Habitat use of sympatric ungulate, the sika deer and the Japanese serow in subalpine forest of Mt.Fui

○Natsuki Tezuka, Akane Washida, Yasuhiro Tsukada, Hayato Takada, Koji Yamazaki

P-007★

Foraging habitat selection of wild boar (*Sus scrofa*) in cool temperate montane zone

○Hideyuki Watanabe, Masato Yoshikawa

P-008★

Wild boar behavior at wallows focus on weather conditions.

○Tomoya SHICHIJO, Takashi Ikeda, Daishi Higashide, Tsugumi Nose, Takaaki Suzuki, Masatsugu Suzuki

P-009★

Establishment of behavior classification of herbivorous mammals in Mongolia for understanding their movement ecology

○NAGISA NODA, Takehiko Y. Ito, Dale Manjirou Kikuchi, Chimeddorj Buyanaa, Uuganbayar Munkhbat, Fei Peng, Mitsuru Tsubo, Atsushi Tsunekawa

P-010★

Don't miss the season! Bamboo shoot hunter wild boar's skillful strategy

○Yoshino Ueda, Natsuki Abe, Haruka Suehiro, Akitaka Oomori, Eiji Hosoi

P-011★

Relationships between mammal behavior and deadwood decomposition

○YOSUKE KURIHARA

P-012★

Livestock environments feed introduced raccoons

○EMI YAMAGUCHI, Motoki Sasaki, Kei Fujii, Mayura B Takada

P-013★

Anatomical study on the palm and the forearm of *Paguma larvata*

○RYOSUKE ISOMI, Nozomi Kurihara

P-014★

Development and validation of a simple method for the determination of Images of animal hair cuticles using machine learning

○Kei Nishiwaki, Junji Moribe

P-015★

Bottleneck effect in the Finnish wolverine (*Gulo gulo*) population revealed by analysis of MHC class II gene

○Yuri Sugiyama, Yoshinori Nishita, Gerhardus Lansink, Katja Holmala, Jouni Aspi, Ryuichi Masuda

P-016★

Geographical differentiation and genetic diversity of the Altai weasel (*Mustela altaica*)

○Nodoka Suzuki, Yoshinori Nishita, Yosuke Amaike, Alexei V. Abramov, Ryuichi Masuda

P-017★

What is tameness in semi-free-ranging red foxes?: With special reference to self-domestication hypothesis

○KOKI YOSHIMURA

P-018★

Sex and Age Differences in Utilization of Cornfields of Asiatic Black Bears

○Jou Hayasi, Akiko Takii, Shigeyuki Izumiyama

P-019★

The silver vine response of cats enables them to repel mosquitoes

○Reiko Uenoyama, Jane L. Hurst, Toshio Nishikawa, Masao Miyazaki

P-020★

Comparison of red fox genome-wide SNP data between Asian continent and mainland Japan

○SHIN S. SATOH, Shosei Kubota, Akiko Nagumo, Eri Nishiyama, Takumi Watanabe, Yuji Yamazaki, Takahiro Matsudaira

P-021★

Lifelong foraging strategies in male brown bears on the Shiretoko Peninsula.

○MINA JIMBO, Yuri Shirane, Yoshihiro Umemura, Tsuyoshi Ishinazaka, Masanao Nakanishi, Shinsuke Kasai, Masataka Shirayanagi, Hiroyuki Uno, Mariko Sashika, Toshio Tsubota, Michito Shimozuru

P-022★

Population genetic structure of raccoon dogs in central Tokyo, revealed by microsatellite DNA analysis

○YOSUKE AMAIKE, Masayuki Saito, Yayoi Kaneko, Ryuichi Masuda

P-023★

Estimation of reproductive parameter for Asian black bear

○KAHOKO TOCHIGI, keita Fukasawa, Misako Kuroe, Tomoko Anezaki, Tomoko Naganuma, Chinatsu Kozakai, Akino Inagaki, Koji Yamazaki, Shinsuke Koike

P-024★

Juvenile bears found in brown bear droppings! : A discovery made possible by long-term monitoring surveys

○Hinako Katsushima, Taiki Ito, Kanji Tomita

P-025★

Comparison of visual estimates and point-frame method to research black bear diet by scat analysis

○Amane Harada, Shigekazu Kurakage, Kiyoshi Yamauchi

P-026★

recording of Raccoon behavior by camera trapping and DNA analysis of salivary DNA in the urban green area in Tokyo

○Tsubasa Obata, Asuka Nishijima, Yoshie Hori, Takehiko Kamito

P-027★

Winter home range of male masked palm civets (*Paguma larvata*) in urban Tokyo

○Yu Nishizawa, Yayoi Kaneko

P-028★

Interspecific comparison of plant detection frequency in feline diet analysis

○Hiroto Yoshimura, Satoshi Hirata, Kodzue Kinoshita

P-029★

When are medium-sized carnivores on the move? The effects of the interspecific interactions and the weather conditions in a heavy snowfall area

○RYOGA WATABE, Masayuki Saito

P-030★

Latrine site selection of the raccoon dog in a hilly area

○Kazuma Watanabe, Nami Kumagai, Masayuki Saito

P-031★

Estimating the origin of the Japanese weasel introduced to the Izu Islands

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

P-032★

Vocal communication in the Japanese badger (*Meles anakuma*)

○Mami Nagao, Eri Iijima, Hisashi Matsubayashi

P-033★

Genetic analysis of raccoon dogs using fecal DNA: Elucidation of sex biased dispersal

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

P-034★

Findings on the radio tracking of raccoon dogs and the direct observation of pup rearing at the den site in urban area

○AYAKA HASEGAWA, YUKI HANAWA, SOHEI WATARI, YUKA HARA, RIKO SHIMOYAMADA, KOJI YAMAZAKI

P-035★

Diet reconstruction of Asiatic black bears: finer time resolution and individual level observation

○TOMOKI MORI, Saki Nakata, Shigeyuki Izumiyama

P-036★

Use of resting sites by masked palm civet in urban mosaic habitats

○Keita Hara, Yoshikazu Seki, Yoshinori Minami

P-037★

Habitat use by Raccoon dogs in urban area around urban rivers

○Yuki Hanawa, Ayaka Hasegawa, Sohei Watari, Yuka Hara, Riko Shimoyamada, Koji Yamazaki

P-038★

Binding affinity of black bears TBSPs to tannins

○Natsuki Abe, Akitaka Omori, Haruka Suehiro, Eizi Hosoi

P-039★

Mating Behavior of hand rearing raccoon dogs in the wild

○KEISUKE MIYAMOTO, RYOSUKE TAKAI, TAKAHIRO OKANO, AKINORI AZUMANO, MARIKO ISHIKAWA, HISASHI MATSUBAYAH

P-040★

Three-dimensional comparative anatomy of male reproductive organs in bats

○JoonHyuk Sohn, Vuong Tan Tu, Dai Fukui, Taro Nojiri, Junpei Kimura, Koyabu Daisuke

P-041★

Mating behaviors of the greater horseshoe bat confirmed from winter to spring in the Okubo-mabu tunnel of "Iwami-ginzan" old silver mine in Oda City, Shimane Prefecture.

○SEIYA ANDO

P-042★

Embryonic evidence uncovers evolutionary origins of laryngeal echolocation in bats

○TARO NOJIRI, Laura A.B. Wilson, Camilo Lopez-Aguirre, Tu Tan Vuong, Dai Fukui, Hideki Endo, Daisuke Koyabu

P-043★

3D comparative anatomy of the Old World bat larynx and the evolution of ultrasonic sound emission in bats

○Brualla Nicolas, Laura Wilson, Nojiri Taro, Michael Doube, Vuong Tan Tu, Dai Fukui, Daisuke Koyabu

P-044★

Study on dietary of *Tadarida insignis*(East Asian free-tailed bat) based on metagenomic analysis

○Mikio Nishihara, Fumika Ito, Hiroshi Yasue, Masahide Nishibori, Ayako Noda, Jun Hatase

P-045★

The monophyly of of the Japanese population of *Rhinolophus nippon* in Northeast Asia

○YUGO IKEDA, Masaharu Motokawa

28, August 13:00~14:00 Poster award candidates (Group 2)

P-046★

The transition of fossorial adaptation in talpids from bone histomorphology
○DAICHI NAKAI

P-047★

Morphological and molecular study of the genus *Anourosorex* (Eulipotyphla: Soricidae) collected in Lao PDR
○SHINYA OKABE, Daosavanh Sanamxay, Masaharu Motokawa

P-048★

An insight into the phylogeographic history of large Japanese moles based on next-generation sequencing and skull geometric morphometrics
○TAKERU TSUNOI, Gohta Kinoshita, Masashi Harada, Jun J Sato, Masaru Kato, Hitoshi Suzuki

P-049★

Elucidation of the vocal function in Coypus, *Myocastor coypus* - Comparative anatomy of the vocal organ -
○Michihiro Yagami, Risako Yukawa, Victor Numata, Hiroki Konno, Takane Otsuki, Syuji Kobayashi

P-050★

Morphological changes in the lingual papillae with the growth of nutria, *Myocastor coypus*
○ひてみ 矢神, Kouichi Kawamura, Shuji Kobayashi

P-051★

Comparative morphology of femoral bones of *Apodemus speciosus* and *Apodemus argenteus*
○Hyeji Kang, Masaharu Motokawa, Takashi Yato

P-052★

Genetic structure of the large Japanese wood mouse *Apodemus speciosus* in the Seto Inland Sea islands of Japan.

○Kouki Yasuda, Nana Morita, Makito Okubo, Jun J Sato

P-053★

Alternation in social structure of Siberian flying squirrel: organization and disorganization of the winter communal nesting group

○Hayato Kikuchi, Tatsuo Oshida

P-054★

Analysis of the behavior of carrying nest materials in the small Japanese field mouse

○Ayumu Teruuchi, Hayato Kikuchi, Tatsuo Oshida

P-055★

Effective visual field measurement of Nutria, *Myocastor coypus*, using learning experiments

○Takane Otsuki, Hiroki Taniguchi, Yusuke Okayama, Hiroki Konno, Victor Numata, Michihiro Yagami, Kouichi Kawamura, Syuji Kobayashi

P-056★

The mechanism of movement of the distal part of tail in *Micromys minutus* by tissue comparison

○TAKASHI O YATO, Masaharu Motokawa

P-057★

Analysis of feeding habit of small rodent by DNA metabarcoding: Seasonal change of feeding habit of *Pteromys volans orii*

○Sumire Murakami, Hayato Kikuchi, Tatsuo Oshida

P-058★

Food resources for Japanese field vole under snow cover: diet analysis with DNA metabarcoding

○Chie Murano, Jun J Sato, Nobuyuki Azuma

P-059★

Drey site selection of Japanese squirrels considering multiple spatial scales: a case study in Shonai region

○Suzuka Honda, Masayuki Saito

P-060★

Does a decline in population density of *Apodemus speciosus* lead to a functional extinction of seed dispersal mutualism?

○Risa Shibayama, Atsushi Nakamoto

P-061★

Discovery of dormant-endozoochory? Microorganisms hidden in pika feces and their survival rate

○Erika Yoshida, Yu Takahata, Azusa Banzai, Hiroataka Katahira

P-062★

Environmental selection of Japanese dormouse (*Glirulus japonicus*) in autumn in a cedar forest

○Haruka Suehiro, Natsuki Abe, Akitaka Omori, Hiroshi Tanaka, Eiji Hosoi

P-063★

Murid rodents in Thailand with a particular interest of taxonomy of *Maxomys surifer* (Miller, 1900)

○Awatsaya Pimsai, Masaharu Motokawa

P-064★

Size and shape variation of upper and lower molars in two *Mus* species from Japan

○THU MIN WAI, Takashi O. Yato, Masaharu Motokawa

P-065★

Effects of season on estimating the density of sika deer using Random Encounter Model

○Hidenori Nozawa, Masaki Ando

P-066★

Development of new type modified corral trap for capturing Sika deer

○Mitsuyoshi Nishimura, Toshiyuki Hogen, Akihiro Kusaka

P-067★

Range expansion and agricultural damage of the wild boar(*Sus scrofa*) on islands in Japan

○Mayu Yoshimura, Takeo Kuriyama, Mayumi Yokoyama

P-068★

Effectiveness of trace survey for evaluating the risk of wild boar haunting.

○ TATSUYUKI TETSUYA, Shuhei Togawa, Shunsuke Hatanaka, Hisato Ishikawa, Shohei Wakatsuki, Hiroyuki Hirayama, Yasutaka Kishimoto

P-069★

Don't miss mountain cues! Evaluation of genus *Castanopsis* masting in western Japan by using satellite images from the viewpoint of food resources of wild boars.

○AKITAKA OOMORI, Yoshino Ueda, Natsuki Abe, Haruka Suehiro, Eiji Hosoi

P-070★

Hunters' risk perceptions related to infectious disease-a case study of Classical Swine Fever in Japan

○Tsugumi Nose, Takashi Ikeda, Daishi Higashide, Tomoya Shichijo, Takaaki Suzuki, Masatsugu Suzuki

P-071★

Search for indicators to predict the biomass of game animals in an African rainforest: towards the development of participatory monitoring

○SHUN HONGO, Zeun's C. B. Dzefack, Latar N. Vernyuy, Sosuke Minami, Kaori Mizuno, Ryoma Otsuka, Yukiko Hiroshima, Yoshihiro Nakashima, Champlain Djiéto-Lordon, Hirokazu Yasuoka

P-072★

Anatomical characteristics of the forelimb of Hubbs' beaked whales (*Mesoplodon carlhubbsi*)

○NANAMI DOMOTO, Motoki Sasaki, Nao Tsuzuki, Shotaro Nakagun, Takashi F. Matsuishi, Mika Kuroda, Ayaka Matsuda, Yuko Tajima, Nobuo Kitamura

P-073★

Site fidelity of humpback whales (*Megaptera novaeangliae*) around Hachijo-jima Island (2016/17–2019/20) —Preliminary report—

○Soya Fujii, Gen Nakamura, Hiroto Murase, Taiki Katsumata, Hidehiro Kato, Tadashi Yamakoshi

P-074★

Characteristics of the group structure of Indo-Pacific bottlenose dolphins in Mikura Island, Izu Islands, Japan, during spring and summer

○Takuya Aoki, Mio Shibuya, Kazunobu Kogi

P-075★

Estimation of the trend of the number of humpback whales (*Megaptera novaeangliae*) migrating to the waters around Chichijima, the Ogasawara Islands, using mark-recapture methods

○Sayaka Hosoi, Satomi Kondo, Koki Tsujii, Ryosuke Okamoto, Toshihide Kitakado

P-076★

Two types of diet of feral cats living in forests of Amami-Oshima Island found by stable isotope ratio analysis

○Asahi Izawa, Rumiko Nakasita, Kazumi Shionosaki, Yuya Watari, Tadashi Miyashita

P-077★

Fecal sample analysis of free-ranging cats captured in the natural environment on Amami-Oshima Island

○KAISHI SUZUKI KAISHI SUZUKI, ASAHI IZAWA, CHINA KOBAYASHI, KAZUMI SHIONOSAKI, YUYA WATARI, TADASHI MIYASHITA

P-078★

Understanding the damages on poultry farming by iriomote cat.

○Ichika Inaba, Honoka Kuriki, Miori Fukuda, Hisashi Matsubayashi

P-079★

Verification of sensory enrichment in captive Chinese wolves by olfactory stimulation

○Sakura Yamaguchi, Mio Shibuya, Hisashi Matsubayashi, Kenji Oshiro, Hideki Fujii, Takahiko Ide

P-080★

Effective feeding enrichment for captive sun bears

○Nao Suzkai, Kazutoshi Takami, Toshiyuki Sugawa, Yasuko Inoue, Momoka Ukise, Tae Akiyama, Hisashi Matubayashi

P-081★

Landscape features and moose density shape wolf territory borders in Scandinavia

○Miwa Tajima

P-082★

Habitat selection and microhabitat characteristics of den for female black bear (*Ursus thibetanus*) in the northern Kinki region of Japan

○Yukino Sawa, Mayumi Yokoyama, Shun Takagi

P-083★

Frequency of potential traffic accident encounters based on postcranial fractures in the Iriomote cat

○NOZOMI NAKANISHI, Masako Izawa

P-084★

Do mammals selectively use forest roads during snow season?

○Mio Suzuki, Ryoga Watabe, Masayuki U Saito

P-085★

Status of medium and large sized mammals according to distance from coast in areas where evacuation orders caused by the Fukushima Daiichi nuclear power plant accident has recently cancelled

○Riki Yamane, Tatsuya Utida, Koji Yamazaki

P-086★

Consumption of fox bait with anthelmintic praziquantel by wild animals in Memuro, Hokkaido, Japan.

○Yuna Sakurai, Kohji Uraguchi, Hirokazu Kouguchi, Tatsuo Oshida

P-087★

Seasonal factor analysis of habitat use by local populations of wild Japanese macaques in Hyogo Prefecture, Japan.

○Junki Sugo, Shun Takagi, Daisuke Fujiki, Yoshiki Morimitsu

P-088★

Searching ability for buried seeds in *Apodemus speciosus* and its behavioral traits in a cut-over area revealed by a GPS transmitter-An attempt of fundamental surveys for reforestation by direct seeding-

○HITOMI ONUMA, Akiro Ando, Hiroshi Suyama

P-089★

Contact with red fox's feces by small rodents

○Rina Sasaki, Yushin Asari, Isao Okuma

P-090★

Development of molecular markers for sex and individual identification of Japanese giant flying squirrels and application to field study using fecal DNA

○AKI SUGITA, Mayumi Shigeta, Noriko Tamura, Nobuyuki Kutsukake, Youhei Terai

29, August 10:45~11:45 Non-award posters (Group 3)

P-091

Sika deer movement patterns during parturition using GPS telemetry

○AKIKO TAKII, Hirofumi Hirakawa, Anna Oka, Shigeyuki Izumiyama

P-092

A possibility of bottleneck in the yaku sika deer insight from mitochondrial DNA diversity analysis

○Yoshimi Y Agetsuma, Takashi Hayakawa, Naoki Agetsuma, Takeaki Honda

P-093

Monitoring of wild boar(*Sus scrofa*)and sika deer(*Cervus nippon*)using camera trap in the Tateyama area of the Northern Alps(2011~2020)

○KAZUYORI MAMIYA, Hisaaki Akaza

P-094

Behavioral analysis of the urban deer reserve group in Hitsujigaoka, Sapporo

○ YUKIKO MATSUURA, YASUYUKI TACHIKI, TAKUMA WATANABE, HIROMASA IGOTA

P-095

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