

英文プログラム

(Timetables and Program in English)

Schedule

Friday 26, August

Room		9:00	11:00		13:00		15:00	17:00	19:00
Main Hall (Max. 1000 participants)	Opening Ceremony 8:45-8:55								
Poster exhibition 1		Always open	Speed talk 1 (Poster award candidates) P01- P10 11 : 30 -12 : 10		Speed talk 4 (Poster award candidates) P11- P19 12 : 40 -13 : 20		Core time (Poster award candidates) P01- P57 13 : 30 -14 : 30	Always open	
Poster exhibition 2		Always open	Speed talk 2 (Poster award candidates) P20- P29 11 : 30 -12 : 10		Speed talk 5 (Poster award candidates) P30- P38 12 : 40 -13 : 20			Always open	
Poster exhibition 3		Always open	Speed talk 3 (Poster award candidates) P39- P48 11 : 30 -12 : 10		Speed talk 6 (Poster award candidates) P49- P57 12 : 40 -13 : 20			Always open	
RoomA		Notifications 9 : 00-9 : 10 Oral presentation OA1-01 - OA1-08 9 : 15-11 : 15							
RoomB		Notifications 9 : 00-9 : 10 Oral presentation OB1-01 - OB1-08 9 : 15-11 : 15							
RoomC		Notifications 9 : 00-9 : 10 Oral presentation OC1-01 - OC1-08 9 : 15-11 : 15							
RoomD							F1 Workshop "Diversity of Carnivora in Esat Europe and Japan" 14 : 50-16 : 50	F4 Diverse approaches to marine mammalogy 17 : 00-19 : 00	
RoomE							F2 History and future perspective for science and management of sika deer 14 : 50-16 : 50	F5 Creating an open database for camera trapping data in Japan: future challenges and opportunities 17 : 00-19 : 00	
RoomF							F3 How to grasp the spread of swine fever (CSF) infection and population density trend in wild boars? 14 : 50-16 : 50	F6 How to submit requests and opinions to administrative bodies for wildlife management 17 : 00-19 : 00	
Exibition 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.							

Schedule

Saturday 27, August

Room	9:00	11:00	13:00	15:00	17:00	19:00	
Main Hall (Max. 1000 participants)						Career symposium 17 : 20-19 : 20	
Poster exhibition 1	Always open	Speed talk 7 (Non-award posters) P58-P70 10 : 40 -11 : 40	Core time (Non-award posters) P58-P95 11 : 50 -12 : 50	Always open			
Poster exhibition 2	Always open	Speed talk 8 (Non-award posters) P71-P83 10 : 40 -11 : 40		Always open			
Poster exhibition 3	Always open	Speed talk 9 (Non-award posters) P84-P95 10 : 40 -11 : 40		Always open			
RoomA	Oral presentation OA2-01 - OA2-06 9 : 00-10 : 30						
RoomB	Oral presentation OB2-01 - OB2-06 9 : 00-10 : 30						
RoomC	Oral presentation OC2-01 - OC2-06 9 : 00-10 : 30						
RoomD			F7 The aftermath of deer halving population program: What's next? 13 : 00-15 : 00	F11 Mammal study at regional universities: an invitation to fieldwork in northern and snowy areas 15 : 10-17 : 10			
RoomE			F8 The diversity and progress in recent mammalian genomic studies 13 : 00-15 : 00	F12 "Human resources development for wildlife management required in the field" 15 : 10-17 : 10			
RoomF			F9 Research topics for urban carnivores 6: Balance between conflict and co-existence 13 : 00-15 : 00	F13 How to study invasive cat problem? 15 : 10-17 : 10			
RoomG			F10 Trend of researches and resent findings on the Japanese serow (2022) 13 : 00-15 : 00				
Exibition 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.						

Schedule

Sunday 28, August

Room	9:00	11:00	13:00	15:00	17:00	19:00
Main Hall (Max. 1000 participants)		Public symposium 9 : 30-12 : 00	Award lectures 1 13 : 05 -13 : 55	Award lectures 2 13 : 55 -14 : 35	Award lectures 3 14 : 35 -15 : 15	General meeting · Award ceremony 15 : 30-17 : 30
Poster exhibition 1,2,3	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.					

Monday 29, August

Room	9:00	11:00	13:00	15:00	17:00	19:00
Main Hall (Max. 1000 participants)					Closing ceremony 16:10-20	
Poster exhibition 1,2,3	Always open					
RoomA	Oral presentation OA4-01 - OA4-07 9 : 00-10 : 45					
RoomB	Oral presentation OB4-01 - OB4-08 9 : 00-11 : 00					
RoomC	Oral presentation OC4-01 - OC4-07 9 : 00-10 : 45					
RoomD		F14 The threat of tick-borne disease expanding with wildlife and One Health approach 11 : 30-13 : 30		F17 How to make new findings of animal ecology with camera traps II 14 : 00-16 : 00		
RoomE		F15 How should the MSJ tackle the problem of unintentional capture in the future 11 : 30-13 : 30		F18 Evolutionary morphology in mammalian teeth: a synthesis of recent findings and traditional theories 14 : 00-16 : 00		
RoomF		F16 Conservation ecology of coastal dolphins off Japan: challenges and implications for managing fishery-targeted dolphin populations 11 : 30-13 : 30		F19 The Action Plans of the Committee of Conservation and Management and the Specialist Working Groups, The Mammal Society of Japan. 14 : 00-16 : 00		
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

26 August (Fri.) 14:50-16:50 Room D

F1

Workshop "Diversity of Carnivora in East Europe and Japan"

○RYUICHI MASUDA

26 August (Fri.) 14:50-16:50 Room E

F2

History and future perspective for science and management of sika deer

○HAYATO IJIMA, Maki Suzuki, Hiroyuki Uno, Koichi Kaji

26 August (Fri.) 14:50-16:50 Room F

F3

How to grasp the spread of swine fever (CSF) infection and population density trend in wild boars?

○MAYUMI YOKOYAMA, Masatsugu Suzuki

26 August (Fri.) 17:00-19:00 Room D

F4

Diverse approaches to marine mammalogy

○YOKO MITANI, Tadamichi Morisaka

26 August (Fri.) 17:00-19:00 Room E

F5

Creating an open database for camera trapping data in Japan: future challenges and opportunities

○YOSHIHIRO NAKASHIMA, Hayato Iijima, Keita Fukasawa, Masaki Ando, Hiroaki Aizawa

26 August (Fri.) 17:00-19:00 Room F

F6

How to submit requests and opinions to administrative bodies for wildlife management

○KUNIIHIKO TOKIDA, Nobuo Ishii, Makoto Asano

27 August (Sat.) 13:00-15:00 Room D

F7

The aftermath of deer halving population program: What's next?

○YASUTAKA KISHIMOTO, Chizuru Yayota, Takahiro Ohba

27 August (Sat.) 13:00-15:00 Room E

F8

The diversity and progress in recent mammalian genomic studies

○YUKI MATSUMOTO, Gohta Kinoshita

27 August (Sat.) 13:00-15:00 Room F

F9

Research topics for urban carnivores 6 : Balance between conflict and co-existence

○YAYOI KANEKO, Yosuke Amaike, Shigeki Watanabe

27 August (Sat.) 13:00-15:00 Room G

F10

Trend of researches and recent findings on the Japanese serow (2022).

○KONOKA AIBA, Hayato Takada, Tetsuji Ito, Yoshi Kawamoto, Natsuki Tezuka

27 August (Sat.) 15:10-17:10 Room D

F11

Mammal study at regional universities: an invitation to fieldwork in northern and snowy areas

○MASAYUKI SAITO, Hiroto Enari

27 August (Sat.) 15:10-17:10 Room E

F12

"Human resources development for wildlife management required in the field"
-Achievements and issues promoted by human resources development organizations-

○YOSHIKI MORIMITSU, Shota Mochizuki, Hiromasa Igota, Katsuya Suzuki, Hiroyuki Uno

27 August (Sat.) 15:10-17:10 Room F

F13

How to study invasive cat problem?

○MIKUNI TOKUYOSHI, Yuya Watari

29 August (Mon.) 11:30-13:30 Room D

F14

The threat of tick-borne disease expanding with wildlife and One Health approach

○KAORI MORISHIMA, Kandai Doi, Kango Tatemoto, Eiichiro Sando, Makoto Asano, Yuya Watari

29 August (Mon.) 11:30-13:30 Room E

F15

How should the MSJ tackle the problem of unintentional capture in the future: focusing on "information gathering to understand the actual situation" and "technological development to prevent"

○CHINATSU KOZAKAI, Chizuru Yayota, Ryota Araki, Sakugohokaku WG

29 August (Mon.) 11:30-13:30 Room F

F16

Conservation ecology of coastal dolphins off Japan: challenges and implications for managing fishery-targeted dolphin populations

○YU KANAJI, Hikari Maeda, Noriko Funasaka, Hiroto Murase

29 August (Mon.) 14:00-16:00 Room D

F17

How to make new findings of animal ecology with camera traps II
○GOTA YAJMA

29 August (Mon.) 14:00-16:00 Room E

F18

Evolutionary morphology in mammalian teeth: a synthesis of recent findings and traditional theories
○MASAKAZU ASAHARA, Tomohiro Harano, Shinya Okabe, Atsushi Yamanaka

29 August (Mon.) 14:00-16:00 Room F

F19

The Action Plans of the Committee of Conservation and Management and the Specialist Working Groups, The Mammal Society of Japan.
○MAKOTO ASANO, Koji Yamazaki, Chizuru Yayota, Toru Ikeda

Oral Session

26 August (Fri.) 09:15-11:15 Room A OA1-01 - OA1-08

OA1-01 9:15-9:30

Development of decision support systems aiming to break away from symptomatic treatment measures against invasive alien raccoons

○TOHRU IKEDA, Takaaki Suzuki

OA1-02 9:30-9:45

A lesson from a case study of culling program for raccoons led by municipality

○SAYA YAMAGUCHI, Mayumi Ueno

OA1-03 9:45-10:00

Immune response of female raccoons to candidate contraceptive vaccine antigens derived from raccoon zona pellucida 3

○MAKOTO ASANO, Koudai Sato, Satoshi Kimura

OA1-04 10:00-10:15

The behavior of 15 thousand domestic cats observed by Catlog

○SHINICHI WATANABE, Sho Nitta, Keisuke Mashima, Takuma Urata, Tomoyuki Nohara

OA1-05 10:15-10:30

Colonization process of urban fox in Sapporo

○KOHJI URAGUCHI

OA1-06 10:30-10:45

Investigating the ecology of wild Japanese black bears (*Ursus thibetanus*) using animal-borne video systems

○YOSHIKI MORIMITSU

OA1-07 10:45-11:00

Estimation of population densities of Asiatic black bear by the hair-trapping method in Iwate Prefecture

○SHIGEKAZU KURAKAKE, Kiyoshi Yamauchi

OA1-08 11:00-11:15

The estimation of population density of the invasive mongoose in Okinawa using by detection dogs and fecal DNA analysis

○TAKUMA SATO, Keita Fukasawa, Katsushi Nakata, Ryoji Fukuhara, Takamichi Jogahara

26 August (Fri.) 09:15-11:15 Room B	OB1-01 - OB1-08
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OB1-01 9:15-9:30

Molecular Phylogenetics of Japanese Otter lived in Fukuoka pref. and Tsushima-city

○DASISUKE WAKU, Hiroshi Sasaki

OB1-02 9:30-9:45

Genetic differentiations of the large Japanese wood mice among the Seto Inland Sea islands were caused by ancient rivers

○JUN SATO, Kouki Yasuda

OB1-03 9:45-10:00

Seasonal changes in *Apodemus speciosus* in semi-natural grassland with field burning, Hiruzen, Okayama prefecture

○ATSUSHI NAKAMOTO, Risa Shibayama, Haruka Ban

OB1-04 10:00-10:15

Relationship between rodent population and fruit availability

○TOMOHITO ITO, Yamato Tsuji

OB1-05 10:15-10:30

Morphology of the vocal mechanism in Coypus, *Myocastor coypus*

○MICHIIRO YAGAMI, Risako Yukawa, Takane Otsuki, Hiroki Konno, Ken Takumi, Koichi Kawamura, Taeko Miyazaki, Shuji Kobayashi

OB1-06 10:30-10:45

Turbinate evolution of eulipotyphlans

○KAI ITO, Ryo Kodera, Kazuhiro Koyasu, Quentin Martinez, Mugino Kubo

OB1-07 10:45-11:00

Earthworm-eating speed and cranial morphometrics of the two species of moles
-especially on the examination of immobilization methods of earthworms

Yudai Ishikawa, Nao Takagi, ○YASUSHI YOKOHATA

OB1-08 11:00-11:15

A case study of birth in a shrew *Sorex gracillimus*

○KONOMI KOBAYASHI, Naoya Honda, Natsumi Iijima, Satoshi Ohdachi, Kuniko Kawai

26 August (Fri.) 09:15-11:15 Room C	OC1-01 - OC1-08
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OC1-01 9:15-9:30

Behavioral survey of Pacific white-sided dolphins visiting Volcano Bay, Muroran

○YUKI F. KITA, Riho Tsushima, Kotoe Sasamori

OC1-02 9:30-9:45

Effects of drag reduction during formation locomotion in adult captive dolphins

○TAIGA NISIMURA, Tomoko Mori, Masaki Sakakibara, Mai Sakai

OC1-03 9:45-10:00

Group composition and call type frequency of killer whales (*Orcinus orca*) in Nemuro Strait, Hokkaido, Japan

○AIMI KITAURA, Chihiro Ogawa, Hiroshi Ohizumi, Yuki F. Kita, Shigeo Saino, Fumio Nakahara, Yoko Mitani, Motoi Yoshioka

OC1-04 10:00-10:15

Development of social behavior between mother and daughter in captive killer whales

○YOSHIHIRO MOTOMURA, Koji Kanda, Mahiro Ryono, Seiki Konno, Mai Sakai

OC1-05 10:15-10:30

Distances between young male sperm whales in a feeding area.

○MITSUKI MOMOSE, Hayao Kobayashi, Masao Amano

OC1-06 10:30-10:45

Ecological survey of Pacific white-sided dolphin visiting the Volcano Bay using marine environmental data

○NATSUMI KUROSAKI, Kotoe Sasamori, Yuki F. Kita

OC1-07 10:45-11:00

Diet of bottlenose dolphins (*Tursiops truncatus*) stranded in Nagasaki Prefecture, Japan

○FUMIKA NOTO, Masao Amano

OC1-08 11:00-11:15

Intraspecific variations in the food habits of *Peponocephala electra* off Kii Peninsula

○MISA TAKAHASHI, Hiroshi Ohizumi

27 August (Sat.) 09:00-10:30 Room A OA2-01 - OA2-06

OA2-01 9:00-9:15

Acoustic monitoring of bats around an irrigation pond

○TATSUYA NORO

OA2-02 9:15-9:30

Heterochrony of limb development with implications for the evolution of flight and grasp capability in bats

○TARO NOJIRI, Ingmar Werneburg, Vuong Tan Tu, Dai Fukui, Toshiko Furutera, Masaki Takechi, Daisuke Koyabu

OA2-03 9:30-9:45

Skull morphological variation in *Rhinolophus nippon* using 3-dimensional geometric morphometrics

○YUGO IKEDA, Kim Yoo-kyung, Oh Hongshik, Masaharu Motokawa

OA2-04 9:45-10:00

The driver of altitudinal home range shift of a Japanese macaque troop in Ishikawa, examined by NDVI

○TORU OI, Yoichi Fujihara

OA2-05 10:00-10:15

Current distribution of Japanese macaques (*Macaca fusucata*) in Mount Goyo areas, Iwate prefecture

○TAKEHARU UNO, Kentaro Seki, Taiji Onoda, Shunpei Tasaki, Yuudai Takaoka, Hayate Tsutsui, Fumiharu Konno, Takuya Kinota

OA2-06 10:15-10:30

A genetic study on the Japanese macaque population in Mt. Goyo area

○YOSHI KAWAMOTO, Takeharu Uno, Toru Oi

27 August (Sat.) 09:00-10:30 Room B	OB2-01 - OB2-06
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OB2-01 9:00-9:15

Effect of crop guardian dogs on prevention of wildlife intrusion in agricultural fields

○MIYABI NAKABAYASHI, Rin Nagira

OB2-02 9:15-9:30

Machine learning based individual re-identification of sika deer using spotting coat

○ RYO AKASHI, Junya Sunagawa, Hikaru Miura, Shinji Nakaoka, Takashi Hayakawa

OB2-03 9:30-9:45

Comparison of survey techniques between spotlight and thermal imaging camera to count sika deer population

○SHINGO YOSHIDA, Masahiro Ohnishi, Riku Tomita, Tadanobu Okumura

OB2-04 9:45-10:00

Accuracy of estimating the reproductive rate of sika deer by camera trapping

○RYUTA NISHI, Naoko Higuchi, Hideharu Tsukada, Masato Minami

OB2-05 10:00-10:15

Regional differences in the conception date of female wild boars estimated from the first observation date of piglets in camera traps and the related factors

○AKITAKA OMORI, Tomoya Shichijo, Takashi Ikeda, Daishi Higashide, Takaaki Suzuki

OB2-06 10:15-10:30

Irruptive dynamics of sika deer: Search for the mechanism

○KOICHI KAJI, Kazutaka Takeshita

27 August (Sat.) 09:00-10:30 Room C	OC2-01 - OC2-06
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OC2-01 9:00-9:15

Contribution of harbor seals to kelp overgrowth in Erimo

○MARI KOBAYASHI, Shouta Taguchi, Takanori Kuribayashi, Noriko Azuma, Shun Ikuta

OC2-02 9:15-9:30

Hairs from spotted seal change shape with water content

○YUKARI NISHITA, Shinobu Nagase, Shinichi Saga, Gen Bandou

OC2-03 9:30-9:45

The analysis of the otariids' hind limb movements and the comparison with terrestrial plantigrades

○FUMIHIRO MIZUNO, Noki Khono

OC2-04 9:45-10:00

The automatic hooking mechanism of manual claws in *Choloepus didactylus* (Pilosa, Mammalia)

○KENTA KATO, Shin-Ichi Fujiwara

OC2-05 10:00-10:15

Development of species identification method using images of animal guard hair cuticles with machine learning

○KEI NISHIWAKI, Junji Moribe

OC2-06 10:15-10:30

A preliminary population genetic analysis of humpback whales off Hachijo Island, Japan

○MARIN MIYAGI, Naohisa Kanda, Gen Nakamura, Hiroto Murase, Mioko Taguchi, Taiki Katsumata, Mutsuo Goto, Shingo Tamura, Tadashi Yamakoshi

29 August (Mon.) 09:00-10:45 Room A OA4-01 - OA4-07

OA4-01 9:00-9:15

Factors affecting feeding rates of oral swine fever vaccine in wild boar populations

○TAKASHI IKEDA, Daishi Higashide, Takaaki Suzuki, Makoto Asano

OA4-02 9:15-9:30

The mitigation effect of capturing nuisance wildlife with community-based guard fence maintenance on the damage caused by wild boars and deer

- Quantitative / Qualitative Evaluation of Improving Damage and Awareness Using Action Research

○NAOTO YAMABATA

OA4-03 9:30-9:45

Development of deer harvesting strategies in high-altitude farming region: application of step selection functions

○MASAHIRO OHNISHI, Tadanobu Okumura, Shingo Yoshida, Riku Tomita

OA4-04 9:45-10:00

Seasonal home range and habitat selection patterns of sika deer *Cervus nippon* in southern Hokkaido, Japan

○LAURETTA ANDREW LANENG, Yasuyuki Tachiki, Rika Akamatsu, Kohei Kobayashi, Chihiro Takahata, Futoshi Nakamura

OA4-05 10:00-10:15

Locality of population density and hunting intensity for sika deer *Cervus nippon* in Kushiro, Hokkaido of Japan

○MAYUMI UENO, Hayato Iijima, Yoshihiro Inatomi, Hiroyuki Uno, Saya Yamaguchi

OA4-06 10:15-10:30

A drone-based monitoring method for sika deer and Japanese serows in alpine grasslands

○TAKEHIKO ITO, Yuko Fukue, Masato Minami

OA4-07 10:30-10:45

The negative effects on Japanese serows by unintentional captures using snare traps

○AKO NAGASAKI, Risa Otsuka, Chizuru Suda, Hiroaki Chikakiyo, Takahiro Inoue, Tsuyoshii Takeshita, Hideharu Tsukada, Masato Minami

29 August (Mon.) 09:00-11:00 Room B	OB4-01 - OB4-08
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OB4-01 9:00-9:15

Comparison of diet of the Iriomote cat between growth stages based on stomach contents analysis

○NOZOMI NAKANISHI, Masako Izawa

OB4-02 9:15-9:30

Food habits of Japanese badger: relationship with food availability

Yuuki Shikama, ○YAMATO TSUJI

OB4-03 9:30-9:45

Seasonal change of small Japanese badger setts usage among sympatric carnivores

○YUSUKE TAKADA, Hiroshi Tsunoda, Yayoi Kaneko

OB4-04 9:45-10:00

Local spatial use of Asiatic black bears around human settlements: considering spatio-temporal factors

○TOMOKI MORI, Shigeyuki Izumiyama

OB4-05 10:00-10:15

Dietary status and protein intakes of Asiatic black bears depending on soybean fields

○SOUTA WATANABE, Sigekazu Kurakake, Kiyoshi Yamauchi

OB4-06 10:15-10:30

Seasonal habitat change of four carnivores in a Tama river bank in spring and summer

○ZHOU HAOYU, Emi Kuboshima, Yayoi Kaneko

OB4-07 10:30-10:45

Dietary changes in raccoon dogs and Japanese martens on a small island immediately after and a few years after the invasion of sika deer

○TSUKASA TANIGUCHI, Runa Doi, Mizuki Aoki, Emina Horichi, Koutaro Kubo, Eiji Inoue, Masato Minami, Hideharu Tsukada

OB4-08 10:45-11:00

Current status of alien mammals and birds on the oceanic Kitadaito-jima Island, the Ryukyu Archipelago

○SHUN KOBAYASHI, Masako Izawa, Sayaka Horie, Takeshi Sasaki, Tetsuo Denda

29 August (Mon.) 09:00-10:45 Room C OC4-01 - OC4-07

OC4-01 9:00-9:15

Economic cost of biological invasions in Japan

○YUYA WATARI, Hirotaka Komine, Elena Angulo, Christophe Diagne, Liliana Ballesteros-Mejia, Franck Courchamp

OC4-02 9:15-9:30

Changes of bare land area in Uotsuri-Jima Island in Senkaku Islands from 2000 to 2019, based on high-resolution artificial satellite images

Yoshimura Kazumichi, Masami Kaneko, Buho Hoshino, ○YASUSHI YOKOHATA

OC4-03 9:30-9:45

Evaluating diurnal activity of sympatric mammals by camera traps to enhance opportunities for observation

○MASAFUMI SHIGEMATSU, Koji Hijikata, Tomomi Harada, Ikuya Sinohara, Masato Minami, Hideharu Tsukada

OC4-04 9:45-10:00

Fencing for CSF in Gifu: construction, maintenance, and animal crossing

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

OC4-05 10:00-10:15

Attempts to spatially monitor the relative abundance of wildlife by camera trapping

○ DAISHI HIGASHIDE, Takashi Ikeda, Takaaki Suzuki, Tomoya Shichijo, Tomokazu Kusakabe

OC4-06 10:15-10:30

Transfer of radioactive cesium from mothers to embryos through placenta in wild rodents and effect on their population inhabiting contaminated area by the Fukushima Daiichi Nuclear Power Plant Accident

○FUMIO YAMADA, Morihiko Tomozawa, Kei Okuda, Fumikazu Kikuchi, Toru Koizumi, Toru Oi, Shin-ichi Horino, Yuya Watari, Takuya Shimada

OC4-07 10:30-10:45

Revealing feeding strategy of two Japanese field mouse species (*Apodemus argenteus* and *Apodemus speciosus*) on damaged understory vegetation by sika deer (*Cervus nippon*) using DNA metabarcoding

○FAJRIN SHIDIQ, Yuji Isagi, Atsushi Takayanagi

Poster Session

Poster Award Candidates (★)

Speed Talk: 26 August (Fri.) 11:30-12:10 (Poster Exhibition 1 P01-P10, Poster Exhibition 2 P20-P29, Poster Exhibition 3 P39-P48), 12 : 40-13 : 20 (Poster Exhibition 1 P11-P19, Poster Exhibition 2 P30-P38, Poster Exhibition 3 P49-P57)
Core Time: 26 August (Fri.) 13 : 30-14 : 30 (P01-P57)

Non-Poster Award Candidates

Speed Talk: 27 August (Sat.) 10:40-11:40 (Poster Exhibition 1 P58-P70, Poster Exhibition 2 P71-P83, Poster Exhibition 3 P84-P95)
Core Time: 27 August 11:50-12 : 50 (P58-P95)

26 August (Fri.) Poster Exhibition 1

Speed Talk 1 11:30-12:10 / Core Time 13:30-14:30

P-01★

Niche partitioning between Reeves's muntjacs and sika deer in habitat utilization and diel activity

○DAISUKE UENO, Toshihide Hirao

P-02★

Bone morphological changes associated with the unguligrade evolution based on three-dimensional data of extremities of limb in sub-unguligrades

○SEI-ICHIRO TAKEDA, Hideki Endo

P-03★

Comparison of hoof morphology between sika deer and Japanese serow

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

P-04★

Evaluation of genetic diversity and phylogenetic relationships of wild sika deer populations in Hokkaido and Gifu using microsatellite analysis

○GOU OTANI, Junji Moribe, Masatsugu Suzuki, Ryo Tadano

P-05★

Unique molar agenesis found in wild sika deer: from evolutionary perspectives

○MUGINO KUBO, Daniela Winkler

P-06★

Are Japanese serow more concern with plants than sika deer? Interspecific comparison of foraging behavior between territorial and non-territorial ungulate

○HAYATO TAKADA

P-07★

Why can sika deer occupy forests with heavy snow? -Wintering strategies evaluated by a habitat model-

○MOERI AKAMATSU, Haruka Enari, Junpei Yamashita, Yosuke Sembongi, Hiroto Enari

P-08★

Seasonal changes in interspecific interactions among the omnivorous mammalian scavengers on deer carcasses

○AKINO INAGAKI, Maximilian L. Allen, Kahoko Tochigi, Tetsuya Maruyama, Shinsuke Koike

P-09★

How wild boars affect forest-dwelling amphibians through wallowing behaviors?

○KAEDE SAKYO, Yuui Habe, Yoshihiro Nakasima

P-10★

Effects of local environmental factors on train-deer collisions

○HIDENORI NOZAWA, Masaki Ando

26 August (Fri.) Poster Exhibition 1

Speed Talk 4 12:40-13:20 / Core Time 13:30-14:30

P-11★

Effectiveness of lightweight net-made enclosure traps devised to capture sika deer

○KEIZOU TSUNOKAWA, Mituyoshi Nishimura, Hiroyuki Yamamoto

P-12★

Detailed cranial ontogeny of known age Steller's sea lion *Eumetopias jubatus* individuals

○RYUNOSUKE YUGE, Yumi Kobayashi, Orio Yamamura

P-13★

Dietary analyses on a mass-stranding event of Dall's porpoise (*Phocoenoides dalli*) in Hokkaido, Japan

○AYAKA MATSUDA, Ayano Kuwagaki, Mari Kobayashi, Takashi F. Matsuishi

P-14★

Which alien mammals prey on avian eggs? -an experiment using artificial nests in Kanagawa prefecture, Japan

○AKANE KANDA, Riku Taniguchi, Yoshihiro Nakashima

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Evolutionary and functional morphology of orbit in kangaroos and koalas

○RIKA NAKAGAWA, Hideki Endo

P-16★

Characteristics of forest roads used by mammals: Effects of pavement and vegetation

○MIO SUZUKI, Masayuki Saito

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Preprocessing for wildlife GPS data: methods to remove questionable data other than outliers

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

P-18★

Infestation of wildlife inside and outside the sanitation control zone of the pig farm

○TOMOYA SHICHIJO, Daishi Higashide, Akitaka Omori, Takashi Ikeda, Takaaki Suzuki, Masatsugu Suzuki

P-19★

Effects of the designation of long-term evacuation orders due to the Fukushima Daiichi Nuclear Power Plant accident on the habitat conditions of medium and large sized mammals

○RIKI YAMANE, Koji Yamazaki

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Fecal sample analysis of captured free-ranging cats in Natural World Heritage, Tokunoshima Island

○KAHO TAKAHASHI, Kaishi Suzuki, Asahi Izawa, Kazumi Shionosaki, Yuya Watari, Tadashi Miyashita

P-21★

Development of environmental DNA-based method for detecting small Indian mongoose *Urva auropunctata* from water and soil

○TOMOMI ARATANI, Yuka Iguchi, Ryohei Nakao, Takuma Sato, Takamichi Jogahara, Takahiro Morosawa, Tomonori Kawamoto, Masaki Asano, Takuma Hashimoto

P-22★

Seasonal changes in frequently used spots by the masked palm civet (*Paguma larvata*) in urban areas of Morioka City, Iwate Prefecture, Japan

○YOSHIKI FUKUSHIMA, Koji Harashina, Chiaki Nishi

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Sexual dimorphism of skeletal morphology in the raccoon dog: towards sex determination of roadkill remains

○REIKA TAKEMOTO, Satoshi Suzuki, Yayoi Kaneko

P-24★

Effects of male-biased dispersal on the island population's formation of brown bears *Ursus arctos*, revealed by ddRAD-seq method

○YU ENDO, Naoki Osada, Tsutomu Mano, Atsushi Nagano, Ryuichi Masuda

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Influence of human presence on behavioral patterns of Japanese marten

○SHU MORIKAWA, Hiroshi Tsunoda, Toshihide Hirao

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GPS tracking of brown bears captured in crop fields in Shimukappu Village, Hokkaido

○TETSUJI ITOH, Yui Nemoto, Michito Shimosuru, Toshio Tsubota, Tsuyoshi Urata

P-27★

Basic research for the vocal communication of Eurasian otter

○CHIHO NAKAMURA, Mao Morimoto, Hiroshi Ogawa

P-28★

Selection and movement patterns of Asian black bear on the roads

○SEUNGYUN BAEK, Aya Shimazaki, Kahoko Tochigi, Tomoko Naganuma, Akino Inagaki, Koji Yamazaki, Shinsuke Koike

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Examination of animal traits affecting the interspecific difference in the number of attached epizoochorous seeds

○KANON SATO, Shinsuke Koike, Yusuke Goto

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Dietary overlap among three sympatric medium-sized carnivores in cool-temperate zone

○TAKAAKI ENOMOTO, Ryoga Watabe, Masayuki Saito

P-31★

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

○ATSUSHI ODANAKA, Shizuka Kikuti, Natsuki Fukushima, Tetsuzi Ito, Yasuyuki Ishibashi, Yoshikazu Sato

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Validation of early pregnancy diagnosis in brown bears transcriptome changes in maternal immune system related to delayed implantation

○ASUKA NISHIJIMA, Yojiro Yanagawa, Naoya Matsumoto, Kyogo Hagino, Hideyuki Sakamoto, Takashi Hayakawa

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Implementation status of fences and electric fences to resolve human-wildlife conflict in the urban and suburban kitchen garden, Sapporo, Hokkaido

○TAIKI ITO, Iwao Ogawa, Tohru Ikeda

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Genetic structure analysis of brown bear population in Central Hokkaido

○HONAMI SHIBATA, Yoshikazu Sato, Hifumi Tsuruga, Yuri Shirane, Tetsuji Itoh

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Evaluation of the usefulness of hair progesterone measurement in black bears: Can we infer past reproduction from body hair hormones?

○TOUI TAKI, Ayano Kumaki, Hiroo Tamatani, Junpei Tanaka, Gen Oosima, Toshiaki Yamamoto, Tatuki Shimamoto

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Histological study on the taste buds of the lesser Japanese mole (*Mogera imaizumi*)

○YUINA SESHUYAMA, Takeshi Sasaki

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Genitalia morphology of the genus *Mogera* 2

○HIROKI KONNO, Shuji Kobayasi

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Comparative geographic variation of the cranial morphology of the Japanese shrew moles *Urotrichus talpoides* and *Dymecodon pilirostris*

OSHINYA OKABE, Masaharu Motokawa

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Factors determining the composition of bat assemblages in the Japanese archipelago

OTAKAHIRO MAKI, Nozomi Sannomiya, Toshihide Hirao, Dai Fukui

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Home-range area and diet of the Japanese monkey (*Macaca fuscata*) in Muroto, Kochi

OKANA TERAYAMA, Motomi Genkai-Kato

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Occurrence of dormant-endozoochory tardigrades in northern pika feces

OKERIKA YOSHIDA, Tomoki Sakiyama, Hirotaka Katahira

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How do pathogens introduced into urban ecosystems spread? An empirical study on an exotic threadworm of arboreal squirrels

OKUYUA EGUCHI, Akira Chijiwa, Tatsuki Shimamoto, Hirotaka Katahira

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Changes in the habitat of nutrias in Gifu Prefecture and around Japan

OHARUKA MORI, Junji Moribe

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Dental anomalies in Ryukyu mouse *Mus caroli* (Rodentia: Muridae) from Okinawajima Island, Japan

○WAI MIN THU, Shinya Okabe, Masaharu Motokawa

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Functional morphology of atlas of ground-dwelling *Marmotini*

○KANG HYEJI

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Sex differences in the effects induced by the early-life social separation on the behavioral developments in *Octodon degus*

○RINA UKYO, Chihiro Koshimoto, Akio Shinohara, Goro Nagura, Seiji Ieiri, Shinsuke Sakamoto

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Why do Siberian flying squirrels communally nest during non-winter seasons?

○HAYATO KIKUCHI, Tatsuo Oshida

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Morphological and histological characteristics of penis in hamsters (Cricetida: Cricetinae)

○TAKASHI YATO, Akio Shinohara, Masaharu Motokawa

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Distribution and nesting conditions of the Japanese harvest mouse *Micromys minutus* in the Takahashi River basin, Okayama Prefecture, Japan

○TAKANE OTSUKI, Shuji Kobayashi

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Basic research on the reproductive behavior of *Apodemus argenteus*: Relationship between changes in the amount of nesting material and reproductive activity

○NORI SASAKI, Yuiha Tanabe, Yukiko Honma, Koharu Yano, Ayumu Teruuti, Sumire Murakami, Hayato Kikuchi, Tatuo Oshida

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Resource utilization of the Siberian flying squirrel *Pteromys volans orii* in natural broad-leaved forest in Hokkaido, Japan

○YUKIKO HOMMA, Koharu Yano, Nori Sasaki, Yuiha Tanabe, Ayumu Teruuchi, Sumire Murakami, Hayato Kikuchi, Yasuhiro Utumi, Tatuo Oshida

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Resting site selection by Japanese hares in a heavy snowfall environment

○YUIKA SUZUKI, Mio Suzuki, Ryoga Watabe, Masayuki Saito

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A record on predation of a juvenile Ryukyu long-furred rat *Diplothrix legata* by the jungle crow *Corvus macrorhynchos*

○TEPPEI HIGASHI, Shun Kobayashi

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Conifer plantation as habitat for Japanese squirrels in a cool temperate zone

○SUZUKA HONDA, Masayuki Saito

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Do you know the call of Siberian flying squirrels?

○RINA SASAKI, Yushin Asari

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Partial arousals from hibernation of the Japanese dormouse (*Glirulus japonicus*) in an artificial forest in Yamaguchi prefecture

○HARUKA SUEHIRO, Hiroshi Tanaka, Eiji Hosoi

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Ecological study on the habitat of Flying squirrels (*Pteromys Volans orri*) inhabiting the suburbs of the urban area: Focusing on the interactions with the specific exotic raccoon(*Procyon lotor*)

○JIA WEI, Tohru Ikeda

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The development of SOAP clinical records for wildlife damage management diagnosing

○YUTAKA YOSHIDA

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Effective oral vaccination method using concrete blocks for wild boars

○MITSUYOSHI NISHIMURA, Naoki Ishii, Motohiro Ishihara

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How wide does the hippopotamus's mouth open?

○KENT MORI

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Long-term monitoring of sympatric sika deer and Japanese serow using camera traps

○SATSUKI NAKAMORI, Hidenori Nozawa, Satsuki Funatsu, Masaki Ando

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Feeding habits of Japanese serow in the Ome Hills, central Japan

○SHINSUKE KOIKE, Nami Maeda

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The habitat use of sika deer referring sex, season, and behavior in the Tanzawa Mountains

○ ZHAO-WEN JIANG, Yosuke Mori, Koji Nagata, Takayuki Haneda, Aki Mitsuhashi, Natsuki Mitsui, Koya Nagai

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The relationship between utilization of crop fields and prevalence of infectious disease of cattle in wild deer

○ AYAKA HATA, Yuto Suda, Chinatsu Kozakai, Rumiko Nakashita

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Research on performance evaluation using leg snare with various specifications

○ SHIN KURATO, Maki Yamamoto, Yosinari Kanki

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Survey of crop and ground damage by wild boar in Isari, Morioka, Iwate Prefecture

○ TOMOMI KAMADA, Takahiro Otake, Yoshitaka Deguchi

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Survey of distribution expansion of sika deer in the Chugoku region

○ CHIZURU YAYOTA, Teruki Oka

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Decrease in wild boar population density in Osaka Prefecture due to the spread of classical swine fever

○ RYOSUKE KODA, Yuzuru Ishizuka

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Observations of flipper rubbing in mother-calf pairs of captive bottlenose dolphins (*Tursiops truncatus*) suggest a body-surface care function

○ MAI SAKAI, Hiroshi Katsumata, Shiro Kohshima

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Cetacean forelimb fossils from the Mandano Formation

(Chibanian) in the Boso Peninsula

○SATOSHI MARUYAMA, Masayuki Ichiwara, Yuichi Sugita, Yoshihiko Matsuura,
Shinji Isaji, Hisayoshi Kato

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Biosecurity to prevent invasion of alien mammals: A case study of Amami Oshima
Island after eradication of mongoose

○ TAKUMA HASHIMOTO, Yoshihito Goto, Takahiro Morosawa, Tomonori
Kawamoto, Yuka Iguchi, Tomomi Aratani, Masaki Asano

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Morphogenic process of the bony cerebellar tentorium in the postnatal masked
palm civet (*Paguma larvata*) cranium

○KAZUHIRO KOYASU, Yayoi Ikeda

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Behavioral changes in Asian black bears using agricultural crops

○AKIKO TAKII, Jo Hayashi, Hiromitsu Oosawa, Shigeyuki Izumiyama

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Habitat use patterns of raccoon dogs in urban area

○AYAKA HASEGAWA, Yuki Hanawa, Sohei Watari, Koji Yamazaki

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A case report on scavenging on a deer carcass by mammals in Yakushima

○YOSUKE KURIHARA

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Behavior of Japanese badger around their setts in Teshiromori, Morioka, Iwate prefecture

○KAZUTO HISAMICHI, Maho Mikami, Yoshitaka Deguchi

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Effects of construction work on medium-sized mammals in urban green areas

Rika Yasui, ○Takehiko Kamito

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Analysis of individual factors associated with plasma testosterone levels in male Japanese black bears (*Ursus thibetanus*)

○JUMPEI TOMIYASU, Mitsunori Kayano, Ken Hazano, Motozumi Matsui, Yui Nemoto, Tomoko Naganuma, Koike Shinsuke, Koji Yamazaki

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Characterization of raccoon behavior in specified reconstruction and revitalization base

○DAISUKE NAKAMURA, Masataka Yoshida, Chinatsu Kozakai, Ryusuke Fujimoto, Norihiro Hoshi, Masahiko Takeuchi

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Climbing ability of vertical bar in the Japanese marten and its change with aging

○HIRONORI UEDA, Soichiro Doyama, Keisuke Ishikawa

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Carbon and nitrogen stable isotope ratios of Asiatic black bears by unintentional capture around Ina City, Nagano

○RUMIKO NAKASHITA, Akiko Takii, Shigeyuki Izumiyama

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The difference of response to novel objects for middle-sized mammals

○RYOKO KOIZUMI, Toru Koizumi

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Rechecking fences: Damage management for wildlife

○TAKESHI HONDA

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Density estimation of random encounter model (REM) for grouping animal population

○KOHTA HAYASHI, Hayato Iijima

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Long-term acoustic monitoring of bats at the Sapporo Maruyama Zoo

○KUNIKO KAWAI, Shumpei Kamiyama, Eiru Ito, Saaya Someki, Yuuki Ohba

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Social calls of the genus *Vespertilio* confirmed in autumn and early winter in Shimane Prefecture, Japan

○SEIYA ANDO, Mari Ishida, Jun Hatase, Yoshio Ueno, Hitomi Onuma

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Development of Japanese macaque (*Macaca fuscata*) troop-based management strategies using mt-DNA phylogenetic relationship in Kyoto, Japan

○KESUKE KATO, Hiroshi Ebihara, Tetsuji Itoh, Yoshi Kawamoto

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Cave use by some mammalian species along Kurobe Gorge in eastern Toyama Prefecture of central Japan during 2021 winter

○KENJI KASHIWAGI

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Changes in the use of home range of Japanese macaques whose troop size decreased due to capture

○HIROSHI EBIHARA, Musashi Kuramoto

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Complete capture of a harmfulness Japanese macaque troop by tranquilizer gun and box trap

○HIRONORI SEINO, Mitsuaki Goto

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Iridium GPS collar wearing demonstration test of Japanese macaques (*Macaca fuscata*)

○KIYOMASA MIKI, Yukari Naito, Hironori Seino, Musashi Kuramoto

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Chemical control of Pallas's squirrel *Callosciurus erythraeus* in a desert island of Japan

○MASATOSHI YASUDA

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Maintenance of the hybrid zone between the chromosomal races of *Apodemus speciosus*

○HIKARI MYOSHU, Masashi Harada, Masahiro A. Iwasa

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Temperature changes in the overwintering nest of harvest mouse and issues with measurement methods

○KUMIKO NAKAMURA

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Impacts of over-abundant Sika deer, *Cervus nippon*, on the winter habitat use of the mountain hare, *Lepus timidus*, on the Shireoko Peninsula, Hokkaido

○TAKAHIRO MURAKAMI, Masami Yamanaka, Tsuyoshi Ishinazaka, Takuya Murakami, Hideaki Okada