



The 8th International Symposium on Primatology and Wildlife Science



Date

26th (TUE) - 28th (THU)
September, 2017

Venue

Visitor Center, Japan Monkey Centre,
INUYAMA



JAPAN MONKEY CENTRE



10 Monkey valley

9 Column of baboons

1 Visitor center

Symposium Venue

2 Madagascar-house

3 South american-house

6 African center

7 Nocturnal monkeys

11 Monkey scrabble

Squirrel monkey land

Bolivian squirrel monkey

Main gate

4 Asian-house

5 Wao land

8 African-house

JAPAN MONKEY CENTRE
Museum and Zoo for Nonhuman Primates

ZOO
MAP

We exhibit and breed about 70 different kind of 950 primates from all around the world.

12 Gibbons' house

MANU
• Hida brand beef-Croquette
• Fried chicken
• Frozen yogurt
• Soft drink
etc

Guinea pig

13 KIDSZOO

You can enjoy petting about 30 different kinds of cute/creepy animals.
200yen ※one-day open ticket
Up to 5 adults as attendants will be free

Office

4 Asian-house

8 African-house

- Lavatory
- Multi-Purpose lavatory
- AED
- Temporary evacuation
- Locker (400yen)
- Souvenirs
- Food court

Lunch Spot

Connecting gate
To Japan Monkey Park
You will need extra fee to enter

Food storage
(Do not enter)

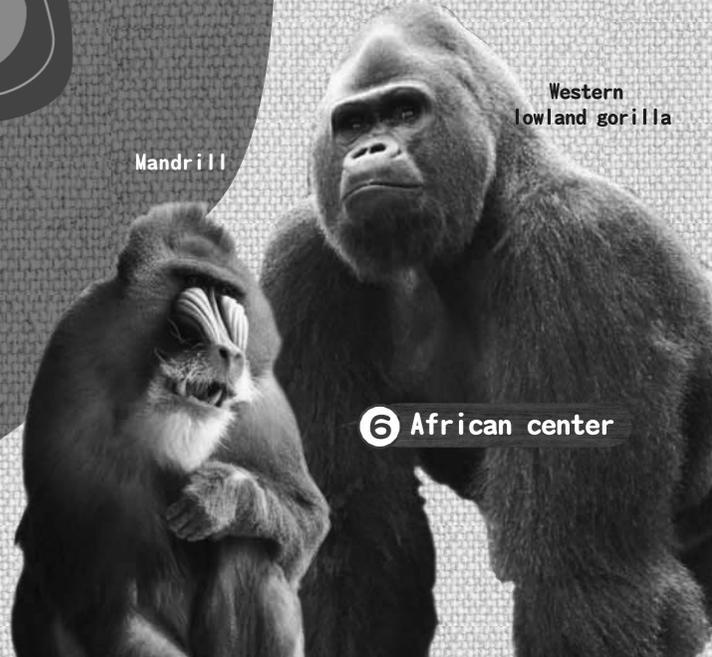
Zoo/Park parking lot

Bus stop

Zoo/Park parking lot



6 African center



Lesser slow loris

Pygmy marmoset

Bearded saki

Ring-tail lemur

Chimpanzee

Anubis baboon

Ruffed lemur

Baby room
with water heater

keyaki forest

Rest area

Monkey skyway

Monkey bar

Dangerous zone!

Emu

Leopard gecko

petting zoo

Rest area

Eco dome

Siamang

Big loop

Big loop

Geoffroy's spider monkey

Monkey skyway

changing table

Rakuen

White-handed gibbon

Rest area

Rest area

Rest area

Rest area

Rest area

changing table

Rest area



Japan Monkey Centre

Museum and Zoo for Nonhuman Primates 60+ Different Species,
900+ Individuals

The Japan Monkey Centre (JMC) is a registered museum responsible for producing the journal *Primates* - the oldest English-language Primatology journal. JMC also runs a unique zoo, specializing in nonhuman primates, housing over 900 individuals representing 60+ different species.

▼ADMISSION PRICES

Adult: 600 yen

Members visit for free: By becoming a member of the Japan Monkey Centre, you get free admission to the JMC for a whole year, including free parking.

MAP① Visitor Center: Symposium Venue
Experienced staff are always on-hand to tell visitors about the JMC and to answer any questions. We have information displays and also taxidermist specimens and skeletons of nonhuman primates. We hold special exhibitions on a wide variety of different themes.
MAP② Madagascar House
This outdoor enclosure is in the form of an island ringed by a deep moat, allowing the inhabitants to roam freely. Living on the island-enclosure are three different species of lemurs found in the wild only in Madagascar: brown lemurs, black lemurs, and ruffed lemurs.
MAP③ South American House
Here you can see the tiny Callitrichidae monkeys that come from South America. The indoor enclosure is maintained at a temperature of about 25°C to simulate tropical jungle conditions. There is also a special room where day and night are reversed: during our daytime it is their night-time. Nocturnal monkeys can be seen moving about energetically during our daytime.
MAP④ Asian House
Japanese macaques, also known as the snow monkeys, and living at the northern limit of the global range of all nonhuman primates, can be seen here, along with other Asian monkeys such as rhesus macaques.
MAP⑤ Wao Land
You can enter this outdoor enclosure and experience a close encounter with free-moving ring-tailed lemurs.
MAP⑥⑦ African Center / Nocturnal Monkeys
One of the star attractions at the JMC is a family of chimpanzees, rejuvenated recently by birth of baby chimpanzee, Mamoru, last year. Around sunset, you can see gorillas gathering to search for their evening meal, parts of which will have been hidden earlier in various places within the enclosure by the staff. You can also see nocturnal monkeys here.
MAP⑧ African House
Here you can see brightly-colored monkeys including, hamadryas baboons. Colobus monkeys show their strikingly beautiful black and white markings.
MAP⑨ Column of Baboons
Over seventy Anubis baboons can be watched from this rooftop viewing deck.
MAP⑩ Monkey Valley
From this observation platform, you can see 160 Japanese Yaku-macaques living in a 4,000 m ² valley. From the winter solstice until the end of February, on weekends and holidays, see Japanese Yaku-macaques warming themselves by a real bonfire. The tradition of lighting bonfires for the monkeys began in 1957, after Japanese Yaku-macaques were observed to gather around the fires lit by staff to burn fallen trees following the Isewan Typhoon. This new 'bonfire-season' soon became established as a well-known, and cherished, annual event.
MAP⑪ Monkey Scramble
Here, you can see siamangs brachiating (moving by swinging arm by arm) at a height of 15 meters (Big loop), Geoffroy's spider monkeys moving back and forth across a 100 meter long suspension bridge (Monkey skyway). Our Zoo caretakers regularly hand out information under the 'Monkey skyway'. Don't forget to look up to see one of the must-see sights at the JMC. However, don't forget to keep an eye out for and avoid falling monkey

excrement! Bolivian squirrel monkeys can be seen moving freely within the dense undergrowth on a small, nearby island (Squirrel monkey land).

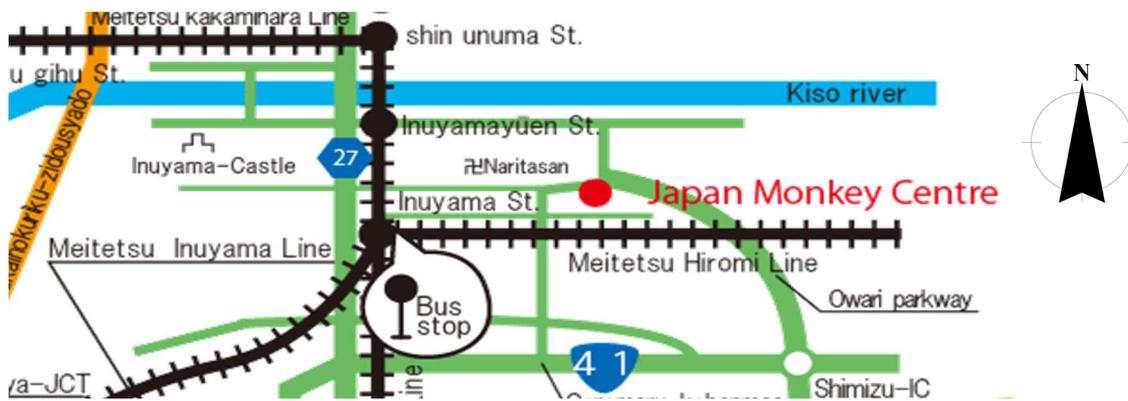
MAP⑫ Gibbons' House

Here you can see four different species of gibbons found in the wild in Southeast Asia: agile gibbons, capped gibbons, white-handed gibbons, and muller's gibbons.

MAP⑬ Petting/stroking Zoo KIDS ZOO

The 'KIDS ZOO' is the only area inside the JMC where you can enjoy petting/stroking various different species of animals, about thirty. The entrance fee is 200 yen per person, and you can re-enter within the day as many times as you like. One child can accompany up to 5 adults (the fee is only charged for each child); accompanying persons escorting children under the age of 12 enter for free. Please note that exhibited animals may be retired from public handling/view as and when required, to ensure their health is maintained.

▼ DIRECTIONS



▼ Getting to Meitetsu Inuyama Station

From Meitetsu-Nagoya Station:

About 25 min by Rapid Limited Express (Kaisoku Tokkyu) or Limited Express (Tokkyu) train. The fare costs 550 yen per adult (280 yen per child aged 6-12)

▼ Getting to the Japan Monkey Centre from Meitetsu Inuyama Station

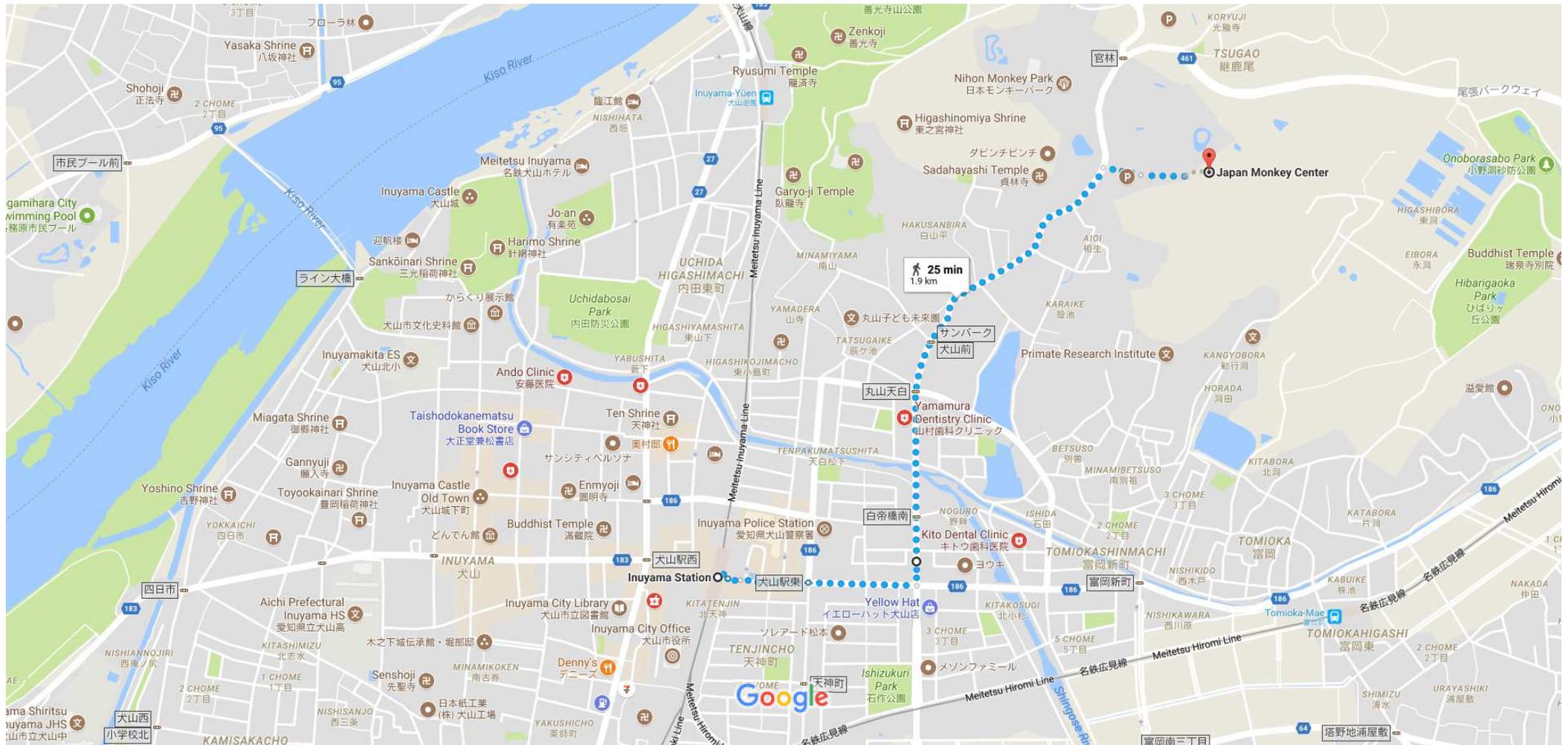
By Bus (5 Min):

From the East exit of the station, take a bus marked 'リトルワールド・モンキーパーク線' (route towards 'Little World' and the Monkey Park) and get off at 'モンキーパーク' (The Monkey Park, the first stop). The fare is 170 yen per adult.

Monday - Friday					
	FROM INUYAMA STATION, EAST EXIT, TO THE MONKEY PARK			FROM THE MONKEY PARK TO INUYAMA STATION, EAST EXIT	
09	09:36	09:58			
10	10:18	10:28	10:58	10:44	
11	11:18	11:28	11:58	11:14	11:44
12	12:28	12:58		12:14	12:44
13	13:28	13:58		13:14	13:44
14	14:28			14:14	14:44
15	15:28			15:14	15:44
16				16:14	16:54
17				17:14	

By Taxi (5 Min):

The taxi fare is about 800 yen.



Map data ©2017 Google, ZENRIN Japan 200 m



via 県道186号線

Mostly flat

25 min

1.9 km

**The 8th International Symposium on Primatology and Wildlife Science
September 26th -September 28th, 2017, Japan Monkey Centre, INUYAMA**

	26th(TUE)	27th(WED)	28th(THU)
9:00 -		[9:00-9:15] PWS Faculty Meeting [9:15-10:30] Session 2: Progress Report by PWS Students 1 (L1- L4) [Takushi KISHIDA] Nelson BROCHE (15) Josue Alejandro PASTRANA (15) Hiroya TAKIYAMA (15) Yuri KAWAGUCHI (15); GAO Jie (15)	[9:00-9:30] Session 5: Award Talk by Poster Presentation Award Winners [Takashi HAYAKAWA] [9:30-10:50] Session 6: Research Activities in Japan Monkey Centre [Misato HAYASHI] Takashi HAYAKAWA (15) Yui FUJIMORI (15); Kei NEMOTO (15) Chigusa TANAKA (15); Rie AKAMI (15)
10:00 -		[10:30-11:00] Coffee Break	[10:50-11:00] Closing Remark [Tetsuro MATSUZAWA]
11:00 -		[11:00-12:00] Session 3: Progress Report by PWS Students 2 (L1-L4) [Ikuma ADACHI] Akito TOUGE (15); Miho TANAKA (15) Kazuya TODA (15); Makiko TAKE (15)	[11:00-] Excursion at Japan Monkey Centre [Takashi HAYAKAWA] •Kayak Paddling / Drone •Backyard •Loris
12:00 -	[12:00-13:30] Luncheon Seminar 「環境省(Ministry of the Environment)」 Yuko TAWA	[12:00-13:30] Lunch Break & Group Photo	
13:00 -	Registration Open: 13:00-14:00		
14:00 -		[13:30-16:00] Session 4: Final Report by PWS L5 Students [Andrew MACINTOSH] Duncan WILSON (20) Morgane ALLANIC (20); Cécile SARABIAN (20)	
15:00 -	[14:00-14:10] Opening Remark [Tetsuro MATSUZAWA] [14:10-15:30] Session 1: Progress Report by PWS Members [Yuko HATTORI] Yumi YAMANASHI (20) Fumito KAWAKAMI (20) Shinya YAMAMOTO (20); Monamie RINGHOFER (20)	[14:30-15:00] Coffee Break	
	[15:30-16:00] Coffee Break	Liesbeth FRÍAS (20) Kasumi SAKAKIBARA (20) Miho SAITO (20)	
16:00 -	[16:00-18:00] Poster Session	[16:00-18:00] Poster Session	
17:00 -	(17:00 - PWS Exam)		
18:00 -	[18:00-] Get Together Party	[18:00-] Get Together Party	
19:00 -			

The 8th International Symposium on Primatology and Wildlife Science at Japan Monkey Centre, INUYAMA

PROGRAM

Day 1 September 26th (Tue)

Time		(min)	Title	Speaker	Affiliation
13:00-14:00	Registration				
14:00-14:10		(10)	Opening Remarks	Tetsuro Matsuzawa	PWS Program Coordinator
Session 1: Progress Report by PWS Members					Chair: Yuko Hattori
14:10 15:30	O-01	(20)	Current activities and future perspectives of activities at the zoos: research, animal welfare and visitor education working harmoniously	Yumi Yamanashi	Center for Research and Education of Wildlife, Kyoto City Zoo
	O-02	(20)	Spontaneous smiles in newborn Japanese macaques	Fumito Kawakami	Wildlife Research Center, Kyoto University
	O-03	(20)	Observation and experiments with our evolutionary and socially closest animals: chimpanzees, bonobos, horses and dogs	Shinya Yamamoto	Graduate School of Intercultural Studies, Kobe University
	O-04	(20)	Socioecology of wild horses inhabiting in the mountain Serra D'Arga, northern Portugal	Monamie Ringhofer	Graduate School of Intercultural Studies, Kobe University
15:30-16:00		(30)	<Coffee Break>		
16:00-18:00 Poster Session					
17:00-	(PWS Exam)				
18:00-	Get Together Party				

Day 2 September 27th (Wed)

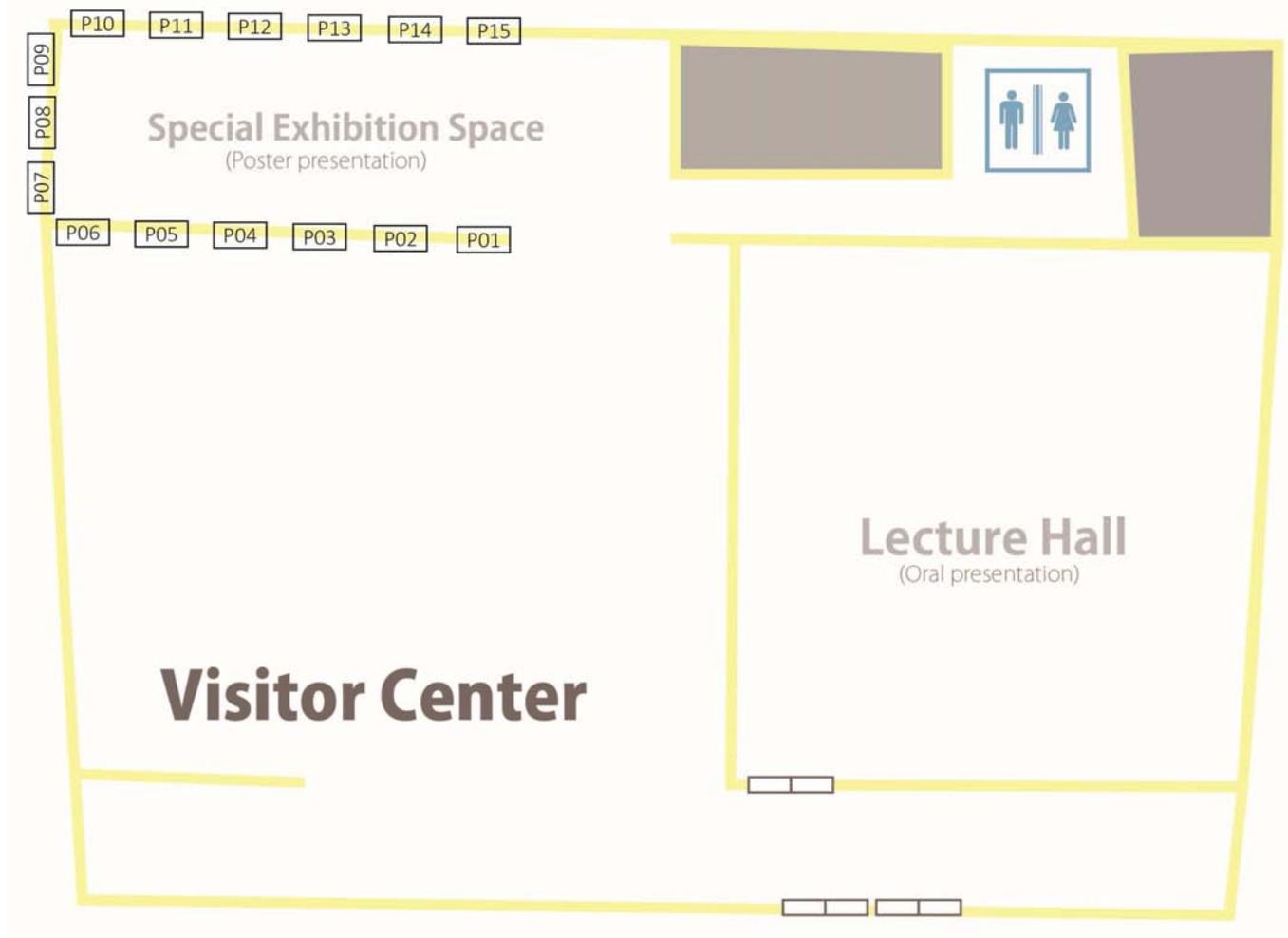
Time	(min)	Title	Speaker	Affiliation
Session 2: Progress Report by PWS Students 1 (L1- L4)				Chair: Takushi KISHIDA
9:15 10:30	O-05 (15)	Progress Report: Salivary alpha-amylase enzyme as a non-invasive biomarker of acute stress in Japanese macaques (<i>Macaca fuscata</i>)	Nelson Broche (L1)	Primate Research Institute, Kyoto University
	O-06 (15)	Stress in male Japanese macaques living in vegetated and non-vegetated enclosures	Josue Alejandro Pastrana (L3)	Primate Research Institute, Kyoto University
	O-07 (15)	Effect of Distractor Timing on Localizing Auditory Source in Chimpanzees (<i>Pan troglodytes</i>) and Humans (<i>Homo Sapience</i>)	Hiroya Takiyama(L1)	Primate Research Institute, Kyoto University
	O-08 (15)	Are chimpanzees attracted by infant?	Yuri Kawaguchi (L2)	Primate Research Institute, Kyoto University
	O-09 (15)	The Body Inversion Effect in Chimpanzees (<i>Pan troglodytes</i>)	Gao Jie (L2)	Primate Research Institute, Kyoto University
10:30-11:00	(15)	<Coffee Break>		
Session 3: Progress Report by PWS Students 2 (L1-L4)				Chair: Ikuma ADACHI
11:00 12:00	O-10 (15)	Research Report: Monkeys, Insects and Plants	Akito Toge (L2)	Primate Research Institute, Kyoto University
	O-11 (15)	Shark-bite wounds on wild Indo-Pacific bottlenose dolphins (<i>Tursiops aduncus</i>): a possible marker of their nighttime behavior and/or habitat-use	Miho Tanaka(L2)	Wildlife Research Center, Kyoto University
	O-12 (15)	Development of Social Grooming in Female Bonobos Compared with Female Chimpanzees	Kazuya Toda (L4)	Primate Research Institute, Kyoto University
	O-13 (15)	Ontogeny of feeding behavior of saki, the Amazonian seed eater (Study plan)	Makiko Take (L3)	Primate Research Institute, Kyoto University
12:00-13:30	(90)	<Lunch Break & Group Photo >		
Session 4: Final Report by PWS L5 Students				Chair: Andrew MACINTOSH
13:30 14:30	O-14 (20)	Facial discrimination and attentional bias towards faces in chimpanzees - Final PWS Report	Duncan Wilson (L5)	Primate Research Institute, Kyoto University
	O-15 (20)	Allogrooming body site preferences: A two-by-two comparison between the Pan species	Morgane Allanic (L5)	Primate Research Institute, Kyoto University
	O-16 (20)	CONTAMINATION-RISK SENSITIVITY IN PAPIONINI & HOMININI	Cécile Sarabian (L5)	Primate Research Institute, Kyoto University
14:30-15:00	(30)	<Coffee Break>		
15:00 16:00	O-17 (20)	Host-Parasite Systems Dynamics in Human-Modified Habitats	Liesbeth FRÍAS (L5)	Primate Research Institute, Kyoto University
	O-18 (20)	Behavior of wild dolphins to underwater swimmers : Difference in inquiring behavior and swimming position in the group by sex and age class	Kasumi Sakakibara (L5)	Wildlife Research Center, Kyoto University
	O-19 (20)	Giraffe habitat selection for resting and nursing in Katavi National Park, Tanzania	Miho Saito (L5)	Wildlife Research Center, Kyoto University
16:00-18:00		Poster Session		
18:00-		Get Together Party		

Day 3 September 28th (Thu)

Time	(min)	Title	Speaker	Affiliation
8:30–9:00		Registration		
Session 5: Award Talk by Poster Presentation Award Winners				Chair: Takashi HAYAKAWA
9:00–9:30	(10)	Presentation 1	Award Winner 1	
	(10)	Presentation 2	Award Winner 2	
	(10)	Presentation 3	Award Winner 3	
Session 6: Research Activities in Japan Monkey Centre				Chair: Misato HAYASHI
9:30 10:50	O-20 (15)	Microbiome adaptation and flexibility to the captive environments in lessor slow loris	Takashi Hayakawa	Primate Research Institute, Kyoto University
	O-21 (15)	Benefit of diversity in captive chimpanzees' social group formation	Yui Fujimori	Japan Monkey Centre
	O-22 (15)	Establishing Slow-Loris conservation center and improving living environment of Lesser Slow Loris.	Kei Nemoto	Japan Monkey Centre
	O-23 (15)	Nocturnal behavior of captive lemurs	Chigusa Tanaka	Japan Monkey Centre
	O-24 (15)	Educational effect of focal animal observation program for students	Rie Akami	Japan Monkey Centre
10:50-11:00	(10)	Closing Remarks	Tetsuro Matsuzawa	PWS Program Coordinator
Excursion at Japan Monkey Centre				
11:00-		•Kayak Paddling / Drone •Backyard •Loris	Takashi Hayakawa	

Poster Session

	Title	Presenter
P-01	Insights on potential 'alarm' calls in Asian elephants	Nachiketha Sharma
P-02	Reaction to a wounded individual: eye tracking study with great apes	Yutaro Sato
P-03	Environmental Enrichment for captive tigers and its application to promote visitors' interest in animals	Momoko Oka
P-04	What is the unity of rider and horse? How does this relate their psychological states?	Sakiho Ochi
P-05	Acquisition of a novel protein-coding sequence in dolphins	Takushi Kishida
P-06	How local recognition to the bonobos diversified in Bongand ethnic group, DR Congo	Aya Yokotsuka
P-07	Herd and harem: two social classes in feral horses	Sota Inoue
P-08	Species-specific mutation among Sulawesi Macaques: Characterization of the TAS2R38 bitter taste receptor for phenylthiocarbamide (PTC) of two species of Sulawesi Macaques	Yan Xiaochan
P-09	Evaluating stress in orangutans with two different adrenal hormones	Rafaela S. C. Takeshita
P-10	Sex recognition and species recognition in the Japanese five-lined skink, <i>Plestiodon japonicus</i> (Squamata: Scincidae) by body surface lipids	Masato Ohbuchi
P-11	Development of combinatory manipulation and tool-use tendencies in great apes and humans	Misato Hayashi
P-12	Seasonal Change in Diet and Habitat Use in Wild Mandrills (<i>Mandrillus sphinx</i>)	Shun Hongo
P-13	Exhibition of Primate Intelligence at the Kyoto City Zoo	Masayuki Tanaka
P-14	Chimpanzee habitat use and conservation in the Nimba Mountains of Guinea, West Africa	Maegan Fitzgerald
P-15	The gumnivorous diet induces the structural change of gut microbiota in lesser slow loris	Kei Matsushima





Introduction to the Program

Leading Graduate Program in Primatology and Wildlife Science (PWS)

While working towards Kyoto University's mission statement of the well-being of the world, the **Leading Graduate Program in Primatology and Wildlife Science (PWS)** strives for many other goals. This program also aims to foster the type of individual that will have the ability to make quick judgement of one's environment, the ability to design the future of global society, while all at the same time nurture a leader-type of individual who will be indispensable for overseas expansion.

(Japanese) primatology originated from Japan, and plays a big role in leading this unique academic study to the world. During the recent years, an emerging field of academic study called "Wildlife Science" that targets endangered species has been on the verge of establishment. **With fieldwork as its foundation, a comprehensive understanding of the human mind, body, life and genome, as well as engaging in hands-on activities that aims for a "the well-being of the world" are all vital to this establishment.**

While being the front line of an academic field, in Japan this field has a shortage of three important careers that is not lacking in the West. **(1) Conservation specialists of international organization(s) such as the United Nations and NGO; (2) Curators of museums, zoos, aquariums, and the like, as well as one that can develop and/or expand a museum or zoo as a "field museum" in a specific habitat; and (3) Outreach workers that invests a great length of time in outreach activities in a specific countries and societies.** While providing a foundation for new research, education and hands-on experience, this program aims to nurture a global leader that interconnects this academic field and one's accomplishments.

For further details on the program, please refer to our HP (<http://www.wildlife-science.org/>)



1

Conservation specialists of international organization(s) such as the United Nations and NGO

Significant international contributions: Produce an individual that acquires expertise, high linguistic skills, and experience in fieldwork



2

Curator (Zoo, Museum, Aquarium, and the like) (Ph.D. level curator)

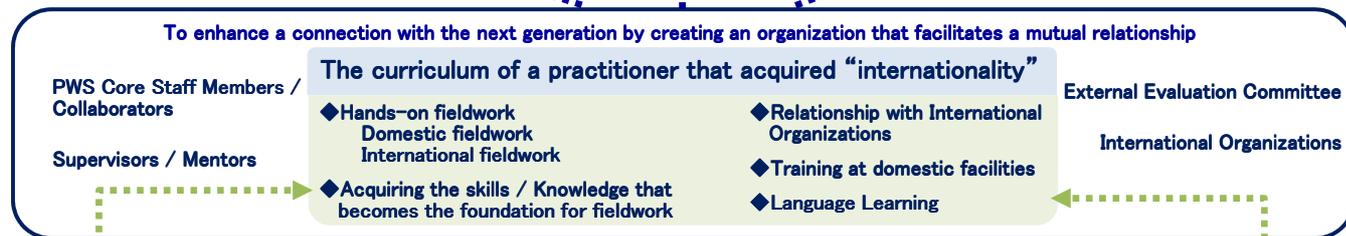
A career path in specialized knowledge, demonstrating one's experiences, and contributing to society



3

Outreach workers investing a great length of time in outreach activities in a specific countries and societies

Expanding Kyoto University's tradition: Identifying the needs through on-site field of view; a leader who can propose significant contributions to Japan

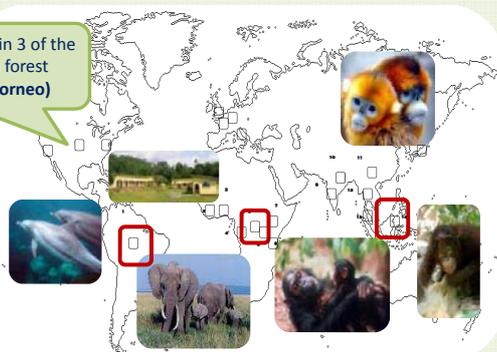


English achievements received by entrance exam, education, and degree through the "Global 30" Project

- ◆ General admission to the Division of Biological Science, Graduate School of Science, Kyoto University (Entrance exam in August, Enrollment in April)
- ◆ International enrollment from Spring and Fall of 2009: entrance exam for foreign students only

Facilities for International Collaborations

We have field stations in 3 of the largest tropical rain forest (Amazon, Congo, Borneo)



Domestic Facilities for Fieldwork Courses



The enrollment process of the Leading Graduate Program in Primatology and Wildlife Science

The Leading Graduate Program in Primatology and Wildlife Science (PWS) is a 5-year program. Students approved to join the PWS program from their first year of Master's program will progress from L1, L2, L3, L4, L5, and will complete the program in 5 years.

The PWS program is completed by students parallel to their existing Kyoto University master's and doctoral programs. Therefore, students do not need to change their supervisor or section/laboratory to join PWS. However, there are **two necessary conditions** for eligibility:

1. A graduate student of Kyoto University:

It is required to become a graduate student of the Division of Biological Science, Graduate School of Science (Kyoto University). However, we are in the process of adjustment for students of other graduate departments to enroll in our program, so please do not hesitate to inquire.

2. To apply and receive approval to enroll into our program:

The process is the same for both Japanese natives and foreign students. Eligible students: 1st year Master's students (will be called L1 student), or a doctoral students (will be called L3 student). Annually, we will disclose the guidelines for applicants in mid-January, and administer the entrance exam in the beginning of March. The schedule for October-enrolled students is different. (<http://www.wildlife-science.org/index-en.html>)



Curriculum

Leading Graduate Program in Primatology and Wildlife Science (PWS)

The following contents show the curriculum and schedule that the Leading Graduate Program in Primatology and Wildlife Science offer. Credits obtained through the mandatory courses can also be used as credit for Graduate School of Science, Kyoto University.

NOTE: Course schedules are subject to change. For more information, refer to the following site: <http://www.wildlife-science.org/en/curriculum/>
Please contact the following e-mail address for any questions about the curriculum of PWS: info@wildlife-science.org



MANDATORY COURSES (corresponds to Master course)



◎Interdepartmental Exchange "Inter-lab"

To obtain a general idea of the diverse areas of study in the Division of Biological Science, Kyoto University. Visit the following facilities in succession: Kyoto City Zoo, Center for Ecological Research (KU), Research Reactor Institute (KU), Seto Marine Biological Laboratory (KU), Primate Research Institute (KU), Japan Monkey Centre

Apr. 4th-9th, 2017



◎KOSHIMA Field Science Course

To learn the basis of wildlife research. Conduct observation on wild Japanese macaques (protected species) in Koshima, the birthplace of Japanese primatology. Required to develop independent research topic (e.g., Identification of food items in feces)

PRI: Apr. 23th-29th, 2017
WRC: Apr. 16th-22th, 2017



◎YAKUSHIMA Field Science Course

To learn the basis of wildlife research. Conduct fieldwork on animals/plants in Yakushima, a UNESCO World Heritage Site. English is the official language in this course to facilitate exchange of ideas with international participants, e.g. from Tanzania, India, Malaysia and elsewhere. Samples collected during the course will be used in the following Genome Science Course.

Spring: May 13th-19th, 2017
Fall: Nov. 5th-11th, 2017



◎Genome Science Course

Complementary to the Yakushima Field Science Course. Designed for participants who expect to engage in both laboratory work and fieldwork. Beginner (direct sequencing) and advanced (next generation sequencing) courses are available. English is the official language as in the previous course. The samples from Yakushima will be used to perform various experiments and analyses. Students give a poster presentation at the international symposium scheduled on the last day of this course.

Spring: May 22th-26th, 31st, 2017
Fall: Nov. 13th-17th, 2017



◎Zoo/Museum Course

To obtain practical experience in environmental education in the field of primatology/wildlife science as well as to learn to work as a curator, one of the three exit points of the PWS program. This course provides lectures by zoo technicians and practical training as zookeepers.

Place: Japan Monkey Centre

Spring: Jul. 8th-10th, 2017
Fall: TBD
(Feb. 18th-21st, 2017)



◎Comparative Cognitive Science Course / Animal Welfare Course

To learn the basis of comparative cognitive science. Understand the procedures in cognitive experimentation and behavioral observation. Work with:

- Chimpanzees & Horses (Primate Research Institute): Comparative Cognitive Science Course
- Bonobos (Kumamoto Sanctuary): Animal Welfare Course

Comparative Cognitive Course:
Sep. 4th-6th, 2017
Animal Welfare Course:
Nov. 14th-17th, 2017



◎SASAGAMINE Field Science Course

(Non-snow season / Snow Season)
To learn survival skills as the basis for future fieldwork. Activities include:

- Wildlife observation
- Climbing Hiuchi Mountain (2,420m)
- Night-time bivouac practicum (improvised encampment)

Place: Kyoto University Sasagamine Hütte (cabin) in Myoko-kogen (plateau at 1,300m elevation), Niigata Prefecture

Non-snow Season:
Jul. 18th-21st, 2017
Sep. 29th-Oct. 2nd, 2017
Snow Season:
TBD(Mar. 22nd-26th, 2017)



◎Fieldwork (designed by each PWS student)

To develop skills in planning projects aimed at one or more of the three exit points (goals) of the PWS program (i.e., conservation specialization, curation, outreach). Required to design/conduct individual overseas training projects.

Many group fieldworks are designed by Students.

- JIGOKUDANI/TAKASAKIYAMA
- Kids Jamboree@ TOKYO
- SHODOSHIMA
- SHIRETOKO (Killer Whale)
- San Francisco

EXAMPLES (Academic Year 2016):

- Jul. 7th - 25th, 2016 (L1@Mikurajima "御蔵島"):
Scars and wounds as indicators of dolphin's behavior
- Aug. 6th - Sep. 9th, 2016 (L2@Brazil):
Activity budget and diet of 3 species of Amazonian primates
- May 7th - Nov. 14th, 2016 (L3@DR Congo):
A sex difference of mother offspring relationships in bonobo patrilineal societies
- Oct. 18th - Dec. 26th, 2016 (L3@India):
Vocal communication in Asian elephants
- Jun. 4th - Dec. 5th, 2016 (L4@Tanzania):
Social structure and behavior of giraffe (*giraffe camelopardalis*) in Katavi National Park



LONG-TERM INTERNSHIP TRAININGS (corresponds to Doctoral course)



◎Conservation Biology Internship Training

UN-related organizations and NGOs



◎Animal Welfare Internship Training

Museums, Zoos and Aquariums



◎Social Outreach Internship Training

Outreach activities in specific countries and societies



LIBERAL ARTS SUBJECTS



◎Buddha Seminar

- Lectures from WWF officers, ambassadors, governors, etc.
- Official language: not specified



◎Asura International Seminar

- Lectures from researchers, government officials from the United Kingdom, Congo, Brazil, Bhutan, etc.
- Official language: English



LANGUAGE LEARNING "Self-Study Paradigm" "Hands-on Experience through Fieldwork"



Students are required to become proficient in at least one foreign language in addition to their native language. English is required for all students whose native language is not English. International students whose native language is English are required to master another language of their choice. Students are also strongly recommended to learn a second foreign language.



The International Symposiums on Primatology and Wildlife Science



- The 1st: Mar. 06-08, 2014
- The 2nd: Aug. 29-30, 2014
- The 3rd: Mar. 05-08, 2015
- The 4th: Jul. 21-22, 2015
- The 5th: Mar. 03-06, 2016
- The 6th: Sep. 12-15, 2016
- The 7th: Mar. 02-05, 2017
- The 8th: Sep. 26-28, 2017
- The 9th: March 2018 (tentative)