

The 47th Annual Meeting of the Herpetological Society of Japan



Tochigi Prefectural Education Center
Utsunomiya, Tochigi, Japan

October 25-26, 2008

Co-sponsored by Tochigi Prefectural Museum

The 47th Annual Meeting of Herpetological Society of Japan

Schedule:

2008.10.25 (Sat)		2008.10.26 (Sun)	
Registration	09:00–	Registration	09:00–
Opening address	10:20–10:30	Oral presentations	09:30–10:30
Oral presentations	10:30–12:00	Poster presentations	10:30–12:00
Group photo, Lunch		Lunch	
Oral presentations	13:30–15:00	Business meeting	13:00–14:00
Poster presentations	15:00–16:30	Oral presentations	14:15–15:45
Banquet	17:30–19:30	Closing address	15:45–15:50

Venue: Tochigi Prefectural Education Center

Kawaraya-cho 1070, Utsunomiya, Tochigi 320-0002, Japan

Nearest Bus-stop: Nozawadera-mae (see the next page)

Fee: Registration, ¥3,500, banquet, ¥4,500 (registered by 29 August: registration, ¥3,000, banquet, ¥4,000)

Oral presentation:

Each presentation should be made for 12 minutes, and will be followed by 3 minutes of discussion. Files for the presentation should be formatted for the Microsoft PowerPoint 2003 or Adobe (Acrobat) Reader in Windows (XP). Please pass your file in CD or USB stick memory to our staff at reception desk.

Poster presentation:

Poster panel size: 90 cm (width) x 180 cm (height). Posters can be set up from 9:00 on 25 October, and should be removed by 15:00 on 26 October by presenters.

Abstracts:

Abstracts of presentations, which will appear in the Bulletin of the Herpetological Society of Japan 2009(1), should be sent to "abst@frog.econ.keio.ac.jp" by 12:00 pm, on 24 October 2008.

Each abstract should include title, author(s), his/her (their) affiliation(s) and text (less than 200 words).

The Office of the 47th Annual Meeting of the Herpetological Society of Japan

c/o Terutake Hayashi, Tochigi Prefectural Museum,

Mutsumi-cho 2-2, Utsunomiya, Tochigi 320-0865, Japan

Tel.: +81-28-634-1311

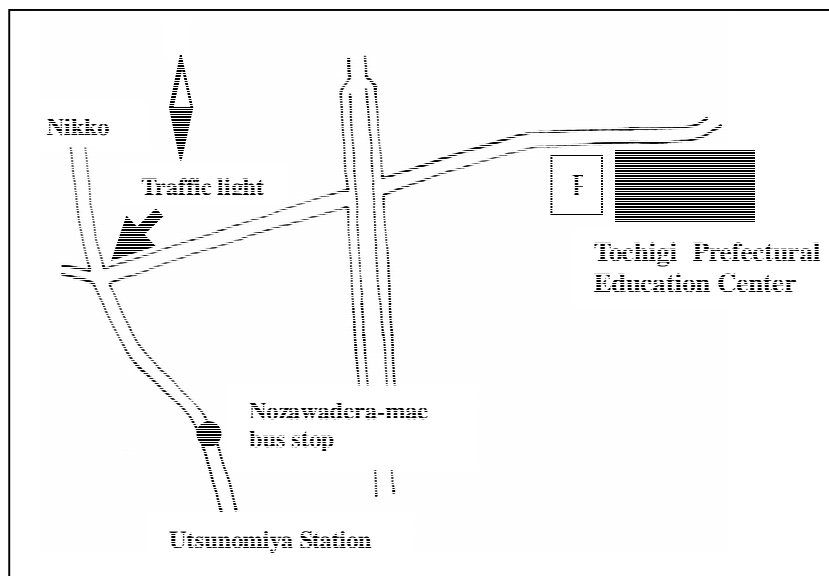
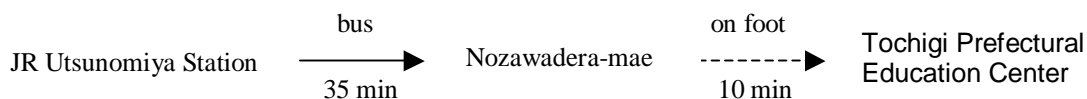
Fax: +81-28-634-1310

Email: imori@muse.pref.tochigi.lg.jp

How to Get to Meeting Venue

Take urban bus for 'Imaichi/ Nikko-Toshogu' (今市・日光東照宮), 'Funyu'(船生), 'Sanno-Danchi' (山王団地) or 'Ishinada' (石那田) at **No 8 bus platform** at western entrance of JR Utsunomiya Station and get off at '**Nozawadera-mae**' (野沢寺前).

It takes about 10 minutes to walk from 'Nozawadera-mae' bus stop to Tochigi Prefectural Education Center (see map below).



Timetable for bus

25 Oct. (Sat)
From JR Utsunomiya St.

Time	
6	20 40
7	00 10 30 40
8	00 10 30 50
9	10 30 45
10	05 25 45
11	05 25 45
12	05 25 45
13	05 25 45
14	05 25 45
15	05 20 35 50
16	05 20 35 50
17	05 20 35 50
18	10 20 45
19	00 20 35
20	00 25 55
21	30 55
22	52

26 Oct. (Sun)
From JR Utsunomiya St.

Time	
6	20 40
7	10 30
8	00 10 30 50
9	10 30
10	05 25 45
11	05 25 45
12	05 25 45
13	05 25 45
14	05 25 45
15	05 20 35 50
16	05 20 35
17	05 20 35 50
18	10 20 45
19	00 20
20	00 25 55
21	55

25 Oct. (Sun)
From Nozawadera-mae
To JR Utsunomiya St.

Time	
6	02 45
7	00 11 16 27 30 42 50 56
8	15 25 46 55
9	20 47 55
10	10 32 55
11	12 35 55
12	12 35 55
13	15 35 55
14	12 32 55
15	15 32 55
16	15 27 45 55
17	15 27 45 55
18	15 27 52
19	17 55
20	22 47
21	
22	17

26 Oct. (Sun)
From Nozawadera-mae
To JR Utsunomiya St.

Time	
6	02 45
7	00 11 16 42 50
8	15 25 46 55
9	07 30 42 55
10	22 55
11	12 35 55
12	12 35 55
13	15 35 55
14	12 32 55
15	15 37 55
16	15 45 55
17	15 27 45 55
18	15 52
19	17 55
20	47

Oral Presentations
Room A (408), 25 October 2008 (Sat)

(Chairman: Hiroshi Ota)

- 1A01 10:30–10:45 *Noriko Iwai (Fac. Agr. Life Sci., Univ. Tokyo), Richard G. Pearson, Ross A. Alford (Sch. Marine Tropic. Biol., James Cook Univ.)
Species diversity enhances ecosystem functioning: shredders facilitate leaf litter decomposition by tadpoles in a tropical stream
- 1A02 10:45–11:00 *Taku Ohnishi (Grad. Sch. Eng. Sci., Univ. Ryukyus), Hidetoshi Ota (Tropic. Biosph. Res. Center, Univ. Ryukyus)
Activity, reproduction and growth of the sympatric tip-nosed frogs (*Rana utsunomiyaorum* and *R. supranarina*) on Ishigakijima of the southern Ryukyus, Japan
- 1A03 11:00–11:15 *Kinji Fukuyama (Dept. Biol., Keio Univ.), Maya Numazawa (Frog House)
Female aggressive behaviors in *Rana nigromaculata* and *Rana porosa* II
- 1A04 11:15–11:30 *Yasuchika Misawa, Takaki Iwakawa (Civil Eng. Eco-Technol. Conslt.), Daisuke Ogo, Shintaro Hiramatsu (Kasegawa-dam Const. Work Office), Kimiaki Yoshida (Sashi Jr. High Sch.)
Efforts to conservation of *Buergeria buergeri* in the area around Kasegawa projected reservoir in Saga Prefecture
- 1A05 11:30–11:45 *Tomoko Tanaka-Ueno (Lab. Biol., Meiji Gakuin Univ.), Kumi Matsui (Sch. Vet. Med. Physiol. I, Azabu Univ.), Yumi Une (Sch. Vet. Med. Pathol., Azabu Univ.), Kinji Fukuyama (Dept. Biol., Keio Univ.)
Method of detecting a very small amount of the amphibian chytrid fungus (*Batrachochytrium dendrobatidis*) genome
- 1A06 11:45–12:00 *Kumi Matsui (Sch. Vet. Med. Physiol. I, Azabu Univ.), Tomoko Tanaka-Ueno (Lab. Biol., Meiji Gakuin Univ.), Yumi Une (Sch. Vet. Med. Pathol., Azabu Univ.), Kinji Fukuyama (Dept. Biol., Keio Univ.)
A progress report on experimental exposures of Japanese frogs to a pathogenic chytrid fungus *Batrachochytrium dendrobatidis*

<Group photo, Lunch>

(Chairman: Atsushi Tominaga)

- 1A07 13:30–13:45 *Mitsunori Nakamura (Grad. Sch. Agr. Life Sci., Hirosaki Univ.), Nikolai A. Poyarkov (Dept. Vertebrate Zool., Moscow State Univ.), Xiaomao Zeng (Chengdu Inst. Biol., Chinese Acad. Sci.), Masaki Kuro-o (Dept. Biofunct. Sci., Fac. Agr. Life Sci., Hirosaki Univ.)
Molecular phylogeny of hynobiid salamanders based on high repetitive DNA
- 1A08 13:45–14:00 *Natsuhiko Yoshikawa, Masafumi Matsui, Kanto Nishikawa (Grad. Sch. Hum. Environ. Stud., Kyoto Univ.)
Genetic variation in *Onychodactylus japonicus* from northeastern Japan
- 1A09 14:00–14:15 *Kazuki Kanno (Nat. Sci. Club, Gifu High Sch.), Masaki Takagi (Gifu High Sch.), Kenichi Ohara (Gifu Pref. Fresh Water Fish Res. Inst.), Yoya Ohno, Yusuke Muto, Chika Imaida, Shuhei Mano, Kazuki Kojima, Anna Koizumi (Nat. Sci. Club, Gifu High Sch.)
The present situation and preservation of *Hynobius nebulosus* in Gifu and analysis of genetic variation
- 1A10 14:15–14:30 *Takashi Matsuki, Masafumi Matsui, Kanto Nishikawa (Grad. Sch. Hum. Environ. Stud., Kyoto Univ.)
Skeletochronology in *Hynobius nebulosus*: assessment of accuracy based on long-term mark and recapture method
- 1A11 14:30–14:45 *Mariko Sakamoto (F-TREK), Kazuhiro Sakata (WEST J. E. C.), Masafumi Matsui (Grad. Sch. Hum. Environ. Stud., Kyoto Univ.)
Growth comparison of two populations of *Hynobius yatsui*

1A12 14:45–15:00 *Yuki Taguchi□(Grad. Sch. Grov. Environ. Stud., Kyoto Univ./ Mus. Nat., Hyogo),
Yoshihiro Natuhara (Grad. Sch. Grov. Environ. Stud., Kyoto Univ.), Hiromune Mitsuhashi (Mus.
Nat., Hyogo/ Hyogo Pref. Univ.)
Is the Japanese giant salamander a sedentary species?

<Poster presentations 15:00–16:30>

< Banquet 17:30–19:30>

Oral Presentations
Room B (409), 25 October 2008 (Sat)

(Chairman: Michihisa Toriba)

- 1B01 10:30—10:45 *Nobuto Kikukawa, Tsutomu Hikida (Dept. Zool., Grad. Sch. Sci., Kyoto Univ.)
Morphological evolution of the skull of the lacertid lizards of the genus *Takydromus* (Lacertidae: Squamata)
- 1B02 10:45—11:00 *Hirohiko Takeuchi, Tsutomu Hikida (Dept. Zool., Grad. Sch. Sci., Kyoto Univ.)
Phylogeography of *Rhabdophis tigrinus* in the Japanese main islands
- 1B03 11:00—11:15 *Mamoru Toda (Dept. Zool., Grad. Sch. Sci., Kyoto Univ.)
Historical biogeography of amphibians and reptiles in the Central Ryukyus, with special reference to phylogeography of *Ovophis okinavensis* and *Sinomicrurus japonicus*
- 1B04 11:15—11:30 *Tsutomu Hikida, Taku Okamoto, Takuya Kiyoshi (Dept. Zool., Grad. Sch. Sci., Kyoto Univ.), Masafumi Matsui (Grad. Sch. Hum. Environ. Stud., Kyoto Univ.)
Phylogeography of the genus *Cyrtodactylus* (Reptilia: Gekkonidae) in Southeast Asia
- 1B05 11:30—11:45 *Taku Okamoto, Tsutomu Hikida (Dept. Zool., Grad. Sch. Sci., Kyoto Univ.)
Distributional and demographic history of *Plestiodon japonicus* (Scincidae: Reptilia) inferred from genetic variation
- 1B06 11:45—12:00 *Masato Ohbuchi, Taku Okamoto, Tsutomu Hikida (Dept. Zool., Grad. Sch. Sci., Kyoto Univ.)
Sex pheromones of *Plestiodon* (Scincidae: Squamata) in the Japanese main islands

<Group photo, Lunch>

(Chairman: Yuichiro Yasukawa)

- 1B07 13:30—13:45 *Naoki Kamezaki (Sea Turtle Assoc. Jpn./ Grad. Sch. Agr. Life Sci., Univ. Tokyo), Yuka Takeuchi, Kano Miyauchi (Sea Turtle Assoc. Jpn.)
Ecological characteristics of sea turtles occurred in an adjacent water of Nomaike, Kagoshima
- 1B08 13:45—14:00 *Takashi Ishihara, Naoki Kamezaki (Grad. Sch. Agr. Life Sci., Univ. Tokyo), Yoshimasa Matsuzawa, Suguru Yamashita (Sea Turtle Assoc. Jpn.)
Age structure and age at maturity of loggerhead turtles living in coastal waters of Japan
- 1B09 14:00—14:15 *Noriko Tada, Masahiro Saka (Kyoto Pref. Inst. Public Health Environ.)
Size and age at sexual maturity and the testicular cycle in male Reeves' pond turtles *Chinemys reevesii*
- 1B10 14:15—14:30 *Ryo Fujii (Grad. Sch. Eng. Sci., Univ. Ryukyus), Hidetoshi Ota (Tropic. Biosph. Res. Center, Univ. Ryukyus)
Re-examination of the current classification of *Mauremys mutica* (Reptilia: Geoemydidae) based on the sequence variation of nuclear DNA
- 1B11 14:30—14:45 *Dai Suzuki, Tsutomu Hikida (Dept. Zool., Grad. Sch. Sci., Kyoto Univ.)
Phylogeography of the Japanese pond turtle, *Mauremys japonica*, based on mitochondrial DNA
- 1B12 14:45—15:00 *Akio Takahashi (21st Century COE, Univ. Ryukyus), Hidetoshi Ota (Tropic. Biosph. Res. Center, Univ. Ryukyus)
Taxonomic notes on the geoemydid turtle fossils found from the Pleistocene Taramajima Island of the Miyako Group, southern Ryukyus, Japan

<Poster presentations 15:00—16:30>

< Banquet 17:30—19:30>

Oral Presentations
Room A (408), 26 October 2008 (Sun)

(Chairman: Tomoko Tanaka-Ueno)

- 2A01 09:30—09:45 *Masafumi Matsui (Grad. Sch. Hum. Environ. Stud., Kyoto Univ.), Daicus Belabut (Univ. Malaya), Kanto Nishikawa, Amir Hamidy (Grad. Sch. Hum. Environ. Stud., Kyoto Univ.), Norhayati AHmad (Univ. Keb. Malaysia), Hoisen Yong (Univ. Malaya)
On *Leptolalax* from the Malay Peninsula
- 2A02 09:45—10:00 *Tomohiko Shimada (Fac. Bioenviron. Stud., Kyoto Gakuen Univ.), Masafumi Matsui (Grad. Sch. Hum. Environ. Stud., Kyoto Univ.), Paul Yambun (Sabah Parks)
Distributional patterns of two species of *Leptobrachium* at the high altitude area of Mt. Kinabalu, Sabah, Malaysia
- 2A03 10:00—10:15 *Amir Hamidy, Masafumi Matsui (Grad. Sch. Hum. Environ. Stud., Kyoto Univ.)
Genetic variation in species of *Leptobrachium* from Sundaland with relation to true *L. hasseltii*
- 2A04 10:15—10:30 *Masayuki Sumida, Naoki Sato, Atsushi Kurabayashi (Inst. Amphibian Biol., Grad. Sch. Sci., Hiroshima Univ.), Shohei Oumi (Sect. Agr. Forestry, Amami City), Hidetoshi Ota (Tropic. Biosph. Res. Center, Univ. Ryukyus), Seiki Katsuren (Okinawa Pref. Inst. Health Environ.), Hiroko Fukuniwa, Yoshiaki Sugawara, Tamotsu Fujii (Fac. Hum. Cult. Sci., Hiroshima Pref. Univ.)
Genetic divergences and reproductive isolating mechanisms in *Odorrana ishikawae* from Okinawa and Amami

<Poster presentations 10:30—12:00>

<Lunch>

<Business meeting 13:00—14:00>

(Chairman: Yasuchika Misawa)

- 2A05 14:15—14:30 *Mitsuaki Ogata (Preserv. Res. Center, Yokohama), Ikuo Miura (Inst. Amphibian Biol., Grad. Sch. Sci., Hiroshima Univ.)
Origin and evolution of the Z and Y chromosomes in the frog, *Rana rugosa*
- 2A06 14:30—14:45 *Norihiro Kuraishi, Masafumi Matsui (Grad. Sch. Hum. Environ. Stud., Kyoto Univ.)
Relationship of genetic variation and morphological variation of the *Polypedates leucomystax* complex
- 2A07 14:45—15:00 *Yuki Koizumi (Dept. Biol., Fac. Eng., Hiroshima Kokusai Gakuin Univ.), Junichi Naitou (Gionkita High Sch.), Akiyama Shigeharu (Seishin Girl's High Sch.), Takeshi Fujitani (Higashiyama Zoo Park), Ikuo Miura (Inst. Amphibian Biol., Grad. Sch. Sci., Hiroshima Univ.)
Genetic characterization of the three endangered populations of daruma pond frog, *Rana porosa brevipoda*, in Hiroshima Prefecture
- 2A08 15:00—15:15 *Koshiro Eto (Fac. Sci., Kyoto Univ.), Masafumi Matsui (Grad. Sch. Hum. Environ. Stud., Kyoto Univ.)
Allometry of *Rana tagoi tagoi* from Kumogahata, Kyoto
- 2A09 15:15—15:30 *Atsushi Tominaga (21st Century COE, Univ. Ryukyus), Masafumi Matsui (Grad. Sch. Hum. Environ. Stud., Kyoto Univ.), Terutake Hayashi (Tochigi Pref. Mus.), Kanto Nishikawa (Grad. Sch. Hum. Environ. Stud., Kyoto Univ.), Hidetoshi Ota (Tropic. Biosph. Res. Center, Univ. Ryukyus)
Molecular phylogeny and phylogeography of the two Japanese newts of genus *Cynops*
- 2A10 15:30—15:45 *Kanto Nishikawa, Masafumi Matsui (Grad. Sch. Hum. Environ. Stud., Kyoto Univ.), Jian-Ping Jiang (Chengdu Inst. Biol., Chinese Acad. Sci.), Yun-Ming Mo (Nat. Hist. Mus. Guangxi), and Liang Fei (Chengdu Inst. Biol., Chinese Acad. Sci.)
Geographic variation in morphological characters of *Pachytriton labiatus*

Oral Presentations
Room B (409), 26 October 2008 (Sun)

(Chairman: Hajime Moriguchi)

- 2B01 09:30—09:45 *Akira Mori, Mamoru Toda (Dept. Zool., Grad. Sch. Sci, Kyoto Univ.)
Feeding ecology of *Ovophis okinavensis* in a northern area of Okinawa Island
- 2B02 09:45—10:00 *Mitsuhiko Toda, Naomi Nakagawa, Naozumi Sukigara (Jpn. Wildl. Res. Center),
Noriyuki Komatsu (Civil Int. Corp.)
The investigation of spawning site selectivity of the green anole for development of new trap
- 2B03 10:00—10:15 Hiroo Takahashi (Jpn. Wildl. Res. Center)
Perch site and anti-predatory behavior of sleeping chameleon
- 2B04 10:15—10:30 *Tutomu Nishimura, Harue Tada, Masanori Fukushima (Translational Res. Center,
Grad. Sch. Med., Kyoto Univ.)
Lizards respond to an extremely low frequency electromagnetic field

<Poster presentations 10:30—12:00>

<Lunch>

<Business meeting 13:00—14:00>

(Chairman: Akira Mori)

- 2B05 14:15—14:30 *Yurie Yamamoto (Grad. Sch. Eng. Sci., Univ. Ryukyus), Hidetoshi Ota (Tropic.
Biosph. Res. Center, Univ. Ryukyus)
The primary and secondary sex ratios in two sympatric *Gekko* species from the northern part of
Okinawajima Island, Japan (Reptilia, Squamata): a comparative study
- 2B06 14:30—14:45 Noriko Kidera (Tropic. Biosph. Res. Center, Univ. Ryukyus)
Relationships between the adrenal gland size and the resistance to toad toxins in East Asian
colubrid snakes
- 2B07 14:45—15:00 *Michihisa Toriba, Atsushi Sakai (Japan Snake Inst.), Masamitsu Shirokawa, Yasushi
Nakajima, Makoto Mitsusada (Tokyo Metropolitan Hiroo General Hospital)
Bite by eastern green mamba occurred in Japan first time
- 2B08 15:00—15:15 *Masahiro Saka, Noriko Tada (Kyoto Pref. Inst. Public Health Environ.)
A frog metamorphosis assay to detect chemicals disrupting thyroid functions
- 2B09 15:15—15:30 *Yasuyuki Nakamura (Grad. Sch. Eng. Sci., Univ. Ryukyus), Hidetoshi Ota (Tropic.
Biosph. Res. Center, Univ. Ryukyus)
Variation in body size between extant frogs on Okinawajima and their conspecifics in the Last
Glacial period, with consideration of age effects
- 2B10 15:30—15:45 Yuki Koizumi (Dept. Biol., Fac. Eng., Hiroshima Kokusai Gakuin Univ.), Takeshi
Fujitani (Higashiyama Zoo Park), Hiromi Ohtani, Yoshio Yaoita, *Ikuo Miura (Inst. Amphibian
Biol., Grad. Sch. Sci., Hiroshima Univ.)
The frog, *Rana nigromaculata*, with a tail

Poster Presentations
Room 411 & 412
25 October 2008 (Sat) 15:00-16:30: Odd Numbers
26 October 2008 (Sun) 10:30-12:00: Even Numbers

- P01 *Naho Mitani, Mitsuhiro Toda (Jpn. Wildl. Res. Center), Imari Ogino (Musashino Art Univ.), Hirokazu Kusu (Tsushima City Office), Kazuo Noda (Tsushima Ringyo), Takanori Matsuo (Nagasaki High Sch.)
Expansion of distribution of introduced Indian rice frog (*Rana limnocharis*) in Tsushima
- P02 Hiroyuki Fujita (Saitama Mus. River)
Fejervarya limnocharis have expanded distribution in the Saitama Prefecture northern area
- P03 *Hiroshi Murakami (Ehime Pref. Health Environ. Res. Inst.), Satoshi Osawa (Coll. Bioresource Sci., Nihon Univ.)
The relationship between distribution of *Rana nigromaculata* and the paddy rice cultivation type in Ehime Prefecture
- P04 *Dai Togane (Grad. Sch. Agr., Meiji Univ.), Kinji Fukuyama (Dept. Biol., Keio Univ.), Noboru Kuramoto (Fac. Agr., Meiji Univ.)
Growth of Tokyo daruma pond frog, *Rana porosa porosa* larvae in a paddy field
- P05 Nam-Yong Ra (Dept. Biol., Kangwon Natl. Univ.), Seokwan Jung (Dept. Biol. Edu., Korean Natl. Univ. Edu.), Jung-Hyun Lee, Jun-Ho Eom, Daesik Park (Div. Sci. Edu., Kangwon Natl. Univ.), *Hacheol Sung (Dept. Biol. Edu., Korean Natl. Univ. Edu.)
Habitat requirements of the gold-spotted pond frog, *Rana plancyi chosonica*: implications for conservation and management plans
- P06 *Nam-Yong Ra, Jung-Hyun Lee (Dept. Biol., Kangwon Natl. Univ.), Jun-Ho Eom (Div. Sci. Edu., Kangwon Natl. Univ.), Heon-Ju Lee, Ja-Gyeong Kim (Dept. Biol., Kangwon Natl. Univ.), Daesik Park (Div. Sci. Edu., Kangwon Natl. Univ.)
Developing standard rearing and reintroduction protocols of the gold-spotted pond frog, *Rana plancyi chosonica*, an IUCN vulnerable species
- P07 *Kanae Fujiwara, Masami Hasegawa (Dept. Biol., Toho Univ.)
Growth process of juvenile wrinkled frog, *Rana rugosa*, in Boso Peninsula
- P08 *Hisao Nambu (Toyama Sci. Mus.), Tamotsu Fukuda (Toyamaminami High Sch.), Yoshimasa Araki (Wild Eyes)
Spawning place of the *Bufo* in mountain stream, Nozumi River, Toyama Prefecture, during 2008
- P09 Takashi Haramura (Dept. Zool., Grad. Sch. Sci., Kyoto Univ.)
Hatching behavior of *Bufo japonica* in response to salinity level
- P10 *Itsuha Katsube (Ishigaki RONC., MOE.), Tomoyo Kobayashi (Ishigaki RONC., MOE./ IDEA Inc.), Shintaro Abe (Naha NCO., MOE.), Yasuo Takenaga (Ishigaki RONC., MOE.)
Control measures and the present status of an invasive frog, *Polypedates leucomystax*, in Ishigakijima Island of Yaeyama Group, Southern Ryukyus, Japan
- P11 *Kelly Lasater, Hang Lee (CGRB, Coll. Vet. Med., Seoul Natl. Univ.)
Creating a digital frog data logger: measuring and monitoring amphibian populations in the twenty-first century
- P12 *Yuta Muneto (Fac. Edu., Univ. Ryukyus), Atsushi Tominaga (21st Century COE, Univ. Ryukyus), Masanao Honda (Fac. Edu., Univ. Ryukyus)
A preliminary survey of the distribution of *Echinotriton andersoni* (Amphibia: Salamandridae) in the Okinawa Group, Ryukyu Archipelago
- P13 *Masanao Honda (Fac. Edu., Univ. Ryukyus), Atsushi Tominaga (21st Century COE, Univ. Ryukyus), Satoshi Tanaka (Okinawa Pref. Mus.), Masafumi Matsui (Grad. Sch. Hum. Environ. Stud., Kyoto Univ.), Hidetoshi Ota (Tropic. Biosph. Res. Center, Univ. Ryukyus)

Phylogeography of *Echinotriton andersoni* (Amphibia: Salamandridae) in the Okinawa Group, Ryukyu Archipelago

- P14 *Hiroshi Nakamura, Satoshi Tada, Isao Kinpara, Kaoru Satou, Hiroshi Hashimoto (Tokyo Sea Life Park), Hiroshi Arai, Shouzou Ogiso (Inogasira Park Zoo), Hiroko Ogawa (Tama Zool. Park), Hidemasa Hori (Ueno Zoo), Takashi Sugino (Tokyo Bureau of Construction)
Does the Japanese fire-bellied newt avoid the place where the Japanese eight-barbel loach exists as a spawning pond?
- P15 *Sumio Okada (United Grad. Sch. Agr. Sci., Tottori Univ.), Taeko Utsunomiya (Hiroshima City), Tamami Okada (Hibikinomori Mus.), Zach Felix (Alabama A&M Univ.), Fumihiko Ito (Grad. Sch. Agr., Tottori Univ.)
Characteristics of Japanese giant salamander populations in two small tributary streams in Hiroshima Prefecture
- P16 *Hiroshi Ota (Grad. Sch. Life Sci., Tohoku Univ.), Takehito Ueda (Northern Biol. Lab.), Shigeharu Terui (PEG), Tamio Ichikita (Hokuden Gen. Eng. Dsgn. Const. Co.), Takanori Sato (Oyasato Inst. Stud. Relig., Tenri Univ.)
Home range analysis of *Salamandrella keyserlingii* with radio-telemetry II
- P17 *Sadao Ihara (Ohu Univ.), Osamu Inaba (Minamisoma City Mus.)
The incidence appearance of verrucas in *Hynobius lichenatus* in Minamisoma city
- P18 *Ja-Gyeong Kim (Dept. Biol., Kangwon Natl. Univ.), Ji-Eon Kim, Daesik Park (Div. Sci. Edu., Kangwon Natl. Univ.)
Patterns of and responses to the body undulation of male *Hynobius leechii* during mating
- P19 *Masaichi Kakegawa (Komatsugawa High Sch.), Fujio Kishi (Shirouma Assoc. Nat.)
Egg sac in salamander, *Hynobius hidamontanus*, from northern Hakuba area, Nagano Prefecture, Japan
- P20 Satoshi Osawa (Coll. Bioresource Sci., Nihon Univ.)
State of *Hynobius tokyoensis* on the forest on a cliff of a river terrace dotted in Kamogawa-River lowland in southern Boso Peninsula.
- P21 *Terutake Hayashi (Tochigi Pref. Mus.), Kizo Okada, Koichi Kobari, Nobuo Sasanuma, Yasuko Yamada, Kenji Hachiya (Green Trust Utsunomiya), Ryuichi Koshiba, Ryuji Takezawa (Utsunomiya City Office), Yuko Komura (Daimic), Koichi Inoue (Tochigi Pref. Mus.)
Measures to conserve *Hynobius tokyoensis* in Utsunomiya, Tochigi Prefecture, and their effectiveness
- P22 Munetaka Nakagawa (Soc. Environ. Biol.)
Distribution of amphibians and reptiles in Minami Yamashiro area in the southern Kyoto Prefecture
- P23 Makio Tempaku (Coll. Bioresource Sci., Nihon Univ.)
Relationships between the faunistic composition of freshwater turtles and the habitat in Miura peninsula
- P24 *Yutaka Niwano, Tomomi Kataoka, Maho Hayashi, Masahiro Sato (Eco-Works)
Distribution and population structure of fresh water turtles in the Tamagawa-Jyosui waterworks
- P25 *Mari Taniguchi (Kiho Sea Turtle Park/ Sea Turtle Assoc. Jpn.), Kei Okamoto (Mie Univ.), Yasuhiro Kosuge (Turtle Network), Naoki Kamezaki (Sea Turtle Assoc. Jpn./ Grad. Sch. Agr. Life Sci., Univ. Tokyo)
Distribution and population size estimation of fresh water turtles along the Funabashi River, Osaka Prefecture
- P26 *Takeshi Imadu (Grad. Sch. Agr., Meiji Univ.), Masami Hasegawa (Fac. Sci., Toho Univ.), Noboru Kuramoto (Fac. Agr., Meiji Univ.)
Seasonal changes in age structure and spatial distribution of Reeves' turtle, *Chinemys reevesii* in Yatsuda paddy field

- P27 *Yasuhiro Kosuge, Etsuo Morita (Turtle Network), Raita Kobayashi (Grad. Sch. Agr. Life Sci., Univ. Tokyo)
Influence of mammals on Japanese fresh water turtles in Boso peninsula
- P28 *Kanakano Mitsuoka, Mitsuhiro Toda, Takahiro Miura (Jpn. Wildl. Res. Center)
Examination of good spot to catch snapping turtles
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