



AOM III

Third Asian Ostracod Meeting
Kanazawa, Japan, 2018



The Third Asian Ostracod Meeting Third Circular

Kanazawa, August 6-10, 2018

The Asian Ostracod Meetings were established with the aim of improving collaboration between ostracod researchers within Asia, and beyond.

The first meeting was held in Seoul, South Korea in 2014, with the second taking place in Kunming, China in 2016.

The third meeting will take place in Kanazawa (Shiinoki Cultural Complex), Japan during 6 to 10 August 2018.



Shiinoki Cultural Complex

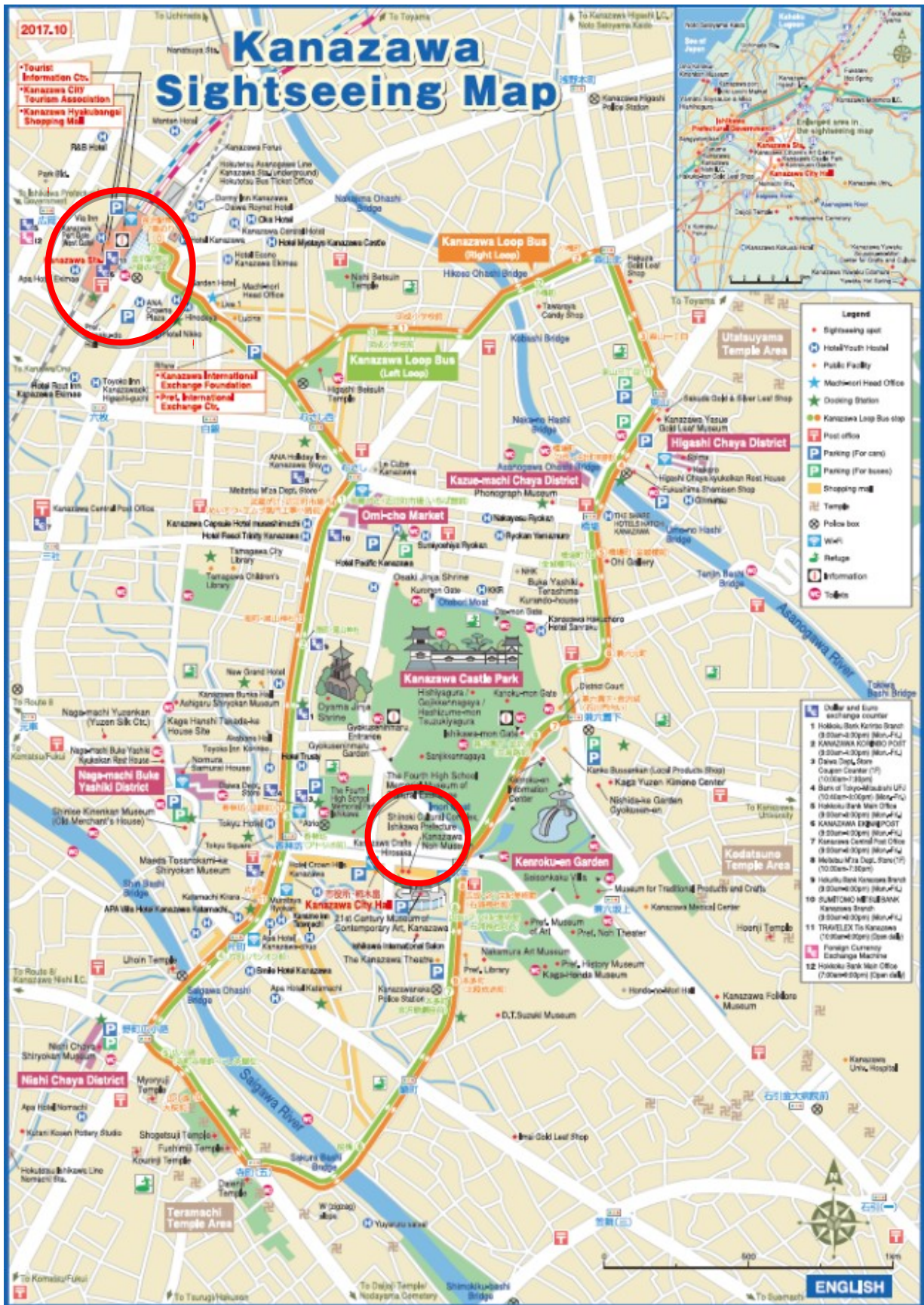


Kanazawa Castle Park



Kanazawa Castle

All researchers are warmly welcome to participate in these meetings, including people not based in Asia, or working on ostracods in other areas. The meetings provide an excellent opportunity to meet colleagues, expand cooperation between Asia and elsewhere, and forge new friendships.



Map of Kanazawa (SCC and Kanazawa St. are in red circles)

Keynote lecture

David J. Siveter (University of Leicester, UK)

Organizing Committee

Takahiro Kamiya (Kanazawa University, Japan)

Akira Tsukagoshi (Shizuoka University, Japan)

Toshiaki Irizuki (Shimane University, Japan)

Robin Smith (Lake Biwa Museum, Japan)

Gengo Tanaka (Kanazawa University, Japan)

Scientific Committee

Moriaki Yasuhara (University of Hong Kong, China)

Dayou Zhai (Yunnan University, China)

Baochun Zhou (Shanghai Natural History Museum, China)

Robin J. Smith (Lake Biwa Museum, Japan)

Akira Tsukagoshi (Shizuoka University, Japan)

Toshiaki Irizuki (Shimane University, Japan)

Gengo Tanaka (Kanazawa University, Japan)

Meeting Schedule

| Date | Morning | Afternoon | Evening |
|---------------------------------|-------------------------|-----------------------|------------------|
| August 6 (Monday) | Arrival | Arrival, registration | Welcome party |
| August 7 (Tuesday) | Opening sessions, talks | Talks, group photo | |
| August 8 (Wednesday) | Talks | Short course | |
| August 9 (Thursday) | Talks | Poster session | |
| August 10 (Friday) | Excursion | Excursion | Business meeting |

Programme

August 6 (Monday)

13:00-18:00 **Registration** (3rd floor of Shiinoki Cultural Complex=SCC)

19:00-21:30 **Welcome Party at "Budo-no Ki"** (western-style restaurant); 7 minutes walk from SCC

(Each lecture includes 5 minutes' of "questions and answers". Lectures and posters presented by junior participants are marked by *)

August 7 (Tuesday) (Seminar Room B on 3rd floor of SCC)

Chairperson: Robin Smith

09:30-09:40 Opening session

09:40-10:40 (Keynote lecture)

David Siveter The Herefordshire Lagerstätte: Soft-bodied virtual fossils from a Silurian volcanic ash

10:40-11:00 **Coffee Break (Event Hall on 2nd floor of SCC)**

11:00-11:20 **Junjun Song** Late Devonian benthic ostracods from western Junggar, NW China: Implications for palaeoenvironmental reconstruction

11:20-11:40 **Gengo Tanaka** Early Devonian ostracod assemblages from central Japan have ambiguous biogeographical signatures

11:40-12:00 **David Siveter** Japan's earliest ostracods

12:00-14:00 **Lunch and Noon Break**

14:00-14:20 **Gengo Tanaka** Permian ostracod assemblages from southwest Japan and their biogeographical significances

14:20-14:40 **Yaqiong Wang** Ostracod fauna from the Dalazi and Dadianzi formations of the Luanping Basin, northeast China

14:40-15:00 **Dangpeng Xi** Non-marine ostracods across the K/Pg boundary of the SK1, Songliao Basin

15:00-15:40 **Group Photo, Coffee Break**

15:40-16:00 ***Jovana Alkalaj** Lake history of Siling Co (Tibetan Plateau) since 15 ka based on ostracod shell chemistry

16:00-16:20 **Xiangzhong Li** The oxygen isotope fractionation on ostracod shells from lakes on the northeastern Qinghai-Tibet Plateau, China: insights from its carbonate clumped

isotope analysis

August 8 (Wednesday) (Seminar Room B on 3rd floor of SCC)

Chairperson: Moriaki Yasuhara

09:30-09:50 **Dayou Zhai** Cluster analyses of ostracods based on dimensions of body structures: implications for taxonomic classification

09:50-10:10 **Doan Dung Le** A reconsideration of ontogenetic changes of the maxillula in the genus *Loxococoncha* (Crustacea, Ostracoda, Podocopida)

10:10-10:30 **Robin Smith** A subjective global checklist of the Recent non-marine Ostracoda (Crustacea)

10:30-11:00 **Coffee Break** (Event Hall on 2nd floor of SCC)

11:00-11:20 ***Depeng Li** Osmoregulation in Ostracods: Location and molecular response to salinity change

11:20-11:40 **Shimpei F. Hiruta** The utility of High throughput sequencer for the evolutionary biology study for Ostracods

11:40-12:00 ***Pham Thi Minh Huyen** Morphological and molecular diversity of *Heterodesmus* Brady (Crustacea, Ostracoda) from the Northwest Pacific

12:00-12:20 **Shinnosuke Yamada** Cuticle structure and its formation of the myodocopan carapace exemplified by *Euphilomedes japonica*

12:20-14:30 **Lunch and Noon Break**

14:30-16:30 **Short Course by Robin Smith, Akira Tsukagoshi and Hayato Tanaka:**

“Modern procedures for the description of living ostracods; how to dissect, draw and ink digitally”

August 9 (Thursday) (Seminar Room B on 3rd floor of SCC)

Chairperson: Dayou Zhai

09:30-09:50 **Moriaki Yasuhara** Quaternary Asian marine ostracod paleoecology

09:50-10:10 **Toshiaki Irizuki** Ostracodes and geochemistry in the 2011 Tohoku-oki tsunami deposit

10:10-10:30 ***Daisuke Nakamura** Distributional change of Recent ostracods in the Hamana-ko region, the Pacific coast of Japan~ Immigration of the species of genus *Bicornucythere* and its taxonomy~

10:30-11:00 **Coffee Break** (Event Hall on 2nd floor of SCC)

- 11:00-11:20 ***Hyunsu Yoo** The Family Krithidae (Podocopida) from Deep sea region of Kuril-Kamchatka
- 11:20-11:40 ***Misumi Ito** Taxonomy and morphology of adaptation to interstitial environment in the species of genus *Anchistrocheles* Brady & Norman, 1889(Bairdioidea, Ostracoda, Crustacea) from Japan
- 11:40-12:00 **Takahiro Kamiya** Biogeographical characteristics of intertidal ostracod faunas from Oman – with special reference to geological history
- 12:00-14:00 **Lunch and Noon Break**
- 14:00-16:00 **Poster Exhibition** (Event Hall on 2nd floor of SCC)
 Authors of poster are asked to be present beside their posters
- 16:00-16:30 Voting by all the participants, for the two awards of the junior participants:
 A) The best oral presentation and B) The best poster

Posters (A0 = height 1189mm, width 841 mm, pins are served)

- ***Yuki Fujihara** Temporal changes of paleoenvironment and ostracode assemblage during the last ca. 4,000 years in Shushi Bay, Tsushima Island, southwest Japan
- ***Yui Horiuchi** Paleoenvironment of the Upper Pliocene Shitoka Formation, Niigata Prefecture, central Japan, on the basis of ostracode faunal and trace element analyses
- Toshiaki Irizuki** Spatio-temporal distribution of species of *Bicornucythere* (Trachyleberididae) in Japan
- ***Takuya Kutsuwada** Distribution and species composition of marine interstitial ostracods on the Japan Sea coasts of central Honshu
- ***Michiko Makino** A report of marine interstitial species of the genus *Renaudocypris* from Japan
- ***Yutori Naka** Paleoenvironmental changes during the Late Pliocene in the eastern part of the Uonuma Hills, Minamiuonuma City, Niigata Prefecture, Central Japan
- Yuriko Nakao** Life cycle of *Ishizakiella miurensis* deduced from population dynamics
- ***Sota Niiyama** Recent benthic ostracod assemblage in Vietnam: a proposal for a new biogeographic boundary
- Hirokazu Ozawa** Bathyal ostracod fossils from the Early to Middle Miocene Yatsuo Group in central Japan and their implications for understanding the history of the Japan Sea opening
- Hirokazu Ozawa** Phytal ostracod fauna and its seasonal changes inhabiting eelgrass *Zostera* at Sotoura Bay of Izu Peninsula, central Japan
- ***Shingo Saito** *Neonesidea oligodentata* (Kajiyama, 1913) (Ostracoda: Bairdioidea) Complex

***Satoshi Sasaki** Holocene ostracode and paleoenvironment changes in the Iki Island, southwestern Japan

***Hiroaki Shakutsui** Temporal changes of paleoenvironment and ostracode assemblage in Lake Nakaumi during the last 500 years

***Xiaoyan Shen** Salinity tolerance of *Cypridopsis vidua* (Crustaceans, Ostracoda) and its genetic regulation adapted to the high salinity environment

Hayato Tanaka Transoceanic transport of living marine Ostracoda (Crustacea) on tsunami debris from the 2011 Great East Japan Earthquake

Katsura Yamada Pliocene and Pleistocene fossil ostracods in northwestern and southwestern Taiwan

Baochun Zhou Dimorphism of *Bicornucythere bisanensis* in the East China Sea and its implication for pedomorphic speciation

August 10 (Friday)

Excursion to district of Kanazawa and Noto Peninsula (preliminary schedule)

08:00 Assembly in the backyard of SCC

08:10 Bus departure

08:30 Stop 1: Visit to Pleistocene marine deposits of the Omma Formation

11:00 Stop 2: Visit to Myojoji Temple

12:00 Stop 3: Visit to Ganmon Sea-Cave

Marine ostracod sampling on rocky shore

Lunch provided by the organizers

16:00 Stop 4: Visit to “Fukumitsu-Ya” (Sake Brewery) in Kanazawa

17:30 Arrival back at SCC

Business meeting (Seminar Room B on 3rd floor of SCC)

18:00-18:30 AOM 4 organizers will be elected

Access

By Air

There are direct international flights to Komatsu Airport (the airport servicing Kanazawa) from Seoul, Shanghai, and Taipei. Domestic flights from Haneda (Tokyo), Narita, Sapporo, Sendai, Fukuoka and Naha also fly to Komatsu. A bus service directly links the airport with Kanazawa Station.

http://www.komatsuairport.jp/index_en.html

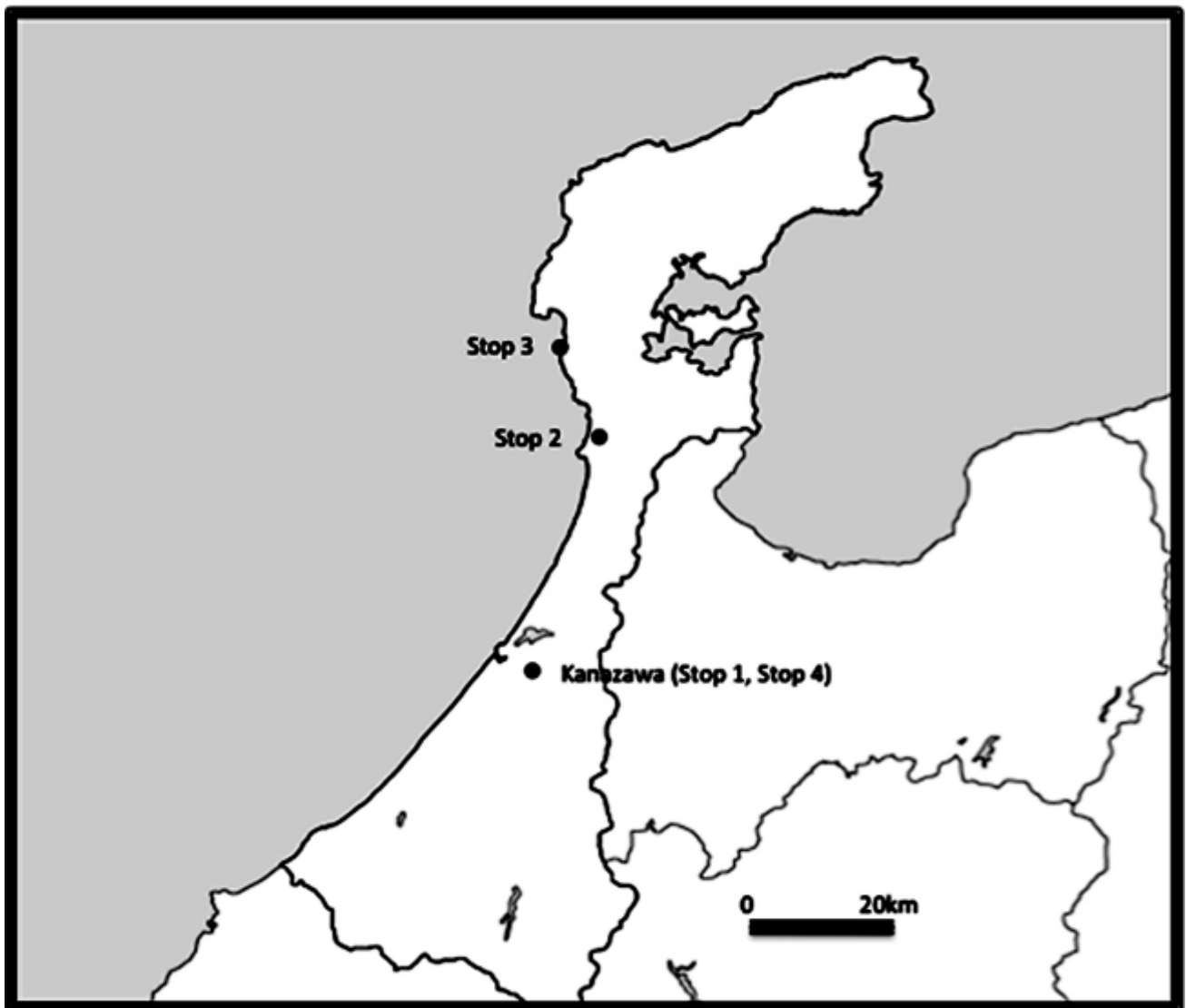
By Train

Kanazawa is served by Shinkansen (bullet train) from Tokyo, and express train from Osaka and Kyoto.

Excursion

The Excursion of the Third Asian Ostracod Meeting will take place on the 10 August. The excursion will visit the Pleistocene Omma Formation in Kanazawa and the Noto Peninsula, north of Kanazawa. Participants will leave Kanazawa by bus and travel to visit sites to collect fossil and living intertidal ostracods.

The excursion will also take in some of the cultural sites of this rural part of Japan and Kanazawa.



Stop 1: The Omma Formation consists of Pleistocene marine fossiliferous strata, which contain a record of glacial-interglacial eustatic sea-level cyclic changes.



Omma Formation

Stop 2: Myoji Temple (Noto) is the head temple of the Buddhist Nichiren Sect in the Hokuriku Region. Some of the temple buildings, which are designated as Important Cultural Properties, were constructed during the reign of the first five generations of Kaga's ruling feudal family, called Maeda. The 34 meters tall Goju-no-To (five storied pagoda) is the largest wooden pagoda in the Hokuriku region and it's a masterpiece of early Edo Period pagodas.



Myoji Temple

Stop 3: Ganmon Sea-Cave is a cave mouth created by the erosion of Miocene volcanic rocks rising out of the sea. It is 6 m wide, 15 m tall and 60 m deep. The rugged scenery created by the steep cliffs and fierce waves around Ganmon are symbolic of the dynamic scenery of the Noto Peninsula. Near the cave, intertidal wave-cut platforms are exposed and we can easily collect seaweed samples for ostracods.



Ganmon intertidal wave-cut platforms

Stop 4: “Fukumitsu-Ya” is a traditional Japanese sake brewery in Kanazawa. On the way back to SCC, we will visit the brewery and participants can enjoy tasting and buying excellent sake.
<https://www.fukumitsuya.co.jp/>