

日本甲殻類学会第 61 回大会プログラム

開催日時: 2023 年 10 月 14 日(土)8 時 45 分~15 日(日)17 時 10 分

会 場: 東京海洋大学品川キャンパス

大会日程(会場)

10 月 14 日(土)

- 8:00 受付開始(白鷹館 1 階・講義室前)
- 8:45 開会挨拶(白鷹館 1 階・講義室)
- 8:50-11:55 口頭発表(O1~O11)(白鷹館 1 階・講義室)
- 12:00-13:30 評議員会(楽水会館 2 階・小会議室)
- 11:55-13:00 昼食
- 13:00-15:00 ポスター発表(P1~P26, H1~H3)(楽水会館 1 階・大会議室)
- 15:00-15:10 記念撮影(楽水会館前)
- 15:20-18:15 シンポジウム: 十脚甲殻類の侵略的な外来種とザリガニ類を中心とした保全研究:
地中海地域を例として(白鷹館 1 階・講義室)
- 18:30-20:30 懇親会(楽水会館 1 階・大会議室)

10 月 15 日(日)

- 8:45-12:20 口頭発表(O12~O23)と特別講演(白鷹館 1 階・講義室)
- 12:20-13:20 昼食
- 13:20-14:20 総会(白鷹館 1 階・講義室)
- 14:20-17:10 口頭発表(O24~O33)(白鷹館 1 階・講義室)
- 17:10 閉会挨拶(白鷹館 1 階・講義室)

The 61st Annual Meeting of Carcinological Society of Japan Program

Date: 14 and 15 October 2023

Venue: Shinagawa Campus, Tokyo University of Marine Science and Technology, Shinagawa, Tokyo

Schedule (Venue)

Saturday, 14 October

- 8:00 Registration desk open (1st floor, Hakuyo Hall)
- 8:45 Opening address (1st floor lecture room, Hakuyo Hall)
- 8:50-11:55 Oral presentations (1st floor lecture room, Hakuyo Hall)
- 12:00-13:30 Board meeting (2nd floor small conference room, Rakusui Hall)
- 11:55-13:00 Lunch break
- 13:00-15:00 Poster presentations (1st floor conference room, Rakusui Hall)
- 15:00-15:10 Commemorative photo (In front of the Rakusui Hall)
- 15:20-18:15 Symposium: Conservation study on crayfish and invasive alien decapod species: Case study on species from the Mediterranean region (1st floor lecture room, Hakuyo Hall)
- 18:30-20:30 Banquet (1st floor conference room, Rakusui Hall)

Sunday, 15 October

- 8:45-12:20 Oral presentations and special talk (1st floor lecture room, Hakuyo Hall)
- 12:20-13:20 Lunch break
- 13:20-14:20 Business meeting (1st floor lecture room, Hakuyo Hall)
- 14:20-17:10 Oral presentations (1st floor lecture room, Hakuyo Hall)
- 17:10 Closing address (1st floor lecture room, Hakuyo Hall)

口頭発表要領

発表時間は、講演 12 分、質疑 3 分、計 15 分です。発表には Power Point ファイルまたは pdf ファイルを使用されるようお願い致します。使用ソフトは Power Point、Acrobat Reader です。PC 環境は Windows 11 のみとなります。Macintosh や他のソフトを使用される方は各自発表用 PC をご用意下さい。

発表ファイル等のデータは USB メモリで会場にお持ちいただき、次の時刻までに受付までご提出ください。

【10 月 14 日】 O1-O4：8 時 30 分、O5-O8：9 時 30 分、O9-O11：10 時 30 分

【10 月 15 日】 O12-O15：8 時 30 分、O16-O19：9 時 30 分、O20-O23：10 時 30 分、O24-O27：13 時 30 分、O28-O33：14 時 30 分

Guideline for oral presentations

Allocated time: 15 min for each presentation including following discussion. The operating system (OS) of the provided notebook PC is Windows 11 and the presentation software is MS-Power Point or Adobe Reader. Please prepare your own PC for other OS and software.

Please bring a copy of your presentation file on memory stick (USB) to the Registration Desk until the following time limits:

[14 Oct] O1-O4: 8:30, O5-O8: 9:30, O9-O11: 10:30

[15 Oct] O12-O15: 8:30, O16-O19: 9:30, O20-O23: 10:30, O24-O27: 13:30, O28-O33: 14:30. It will be transferred to the hard drive at that time.

ポスター発表要領

ポスターは 1 演題につき横 90 cm×縦 120 cm 以内の大ききで作成してください。10 月 14 日 10 時以降ポスター発表開始時刻までにポスター発表番号が付されたボードに発表者ご自身でご掲示ください。画鋏はこちらでご用意致します。

Guideline for poster presentations

Poster boards will be available for the accepted posters. The poster size shall be prepared in maximum 120 cm in height and 90 cm in width. The subject number with the code is provide by our staff on the upper left corner of the board in advance. Push pins can be available at the venue. Please set up your poster between 10:00 and 13:00 on 14 Oct.

関連行事

日本甲殻類学会若手の会 第1回甲殻類採集会(相模湾三崎)

10 月 14, 15 日に東京海洋大学にて行なわれる日本甲殻類学会東京大会の直後に、日本甲殻類学会若手の会が主催するエクスカーションとして採集会を行います。相模湾三崎(三浦半島)沿岸において、甲殻類相の調査を行なうとともに、若手研究者同士の意見・情報交換の場を提供いたします。

世話人：

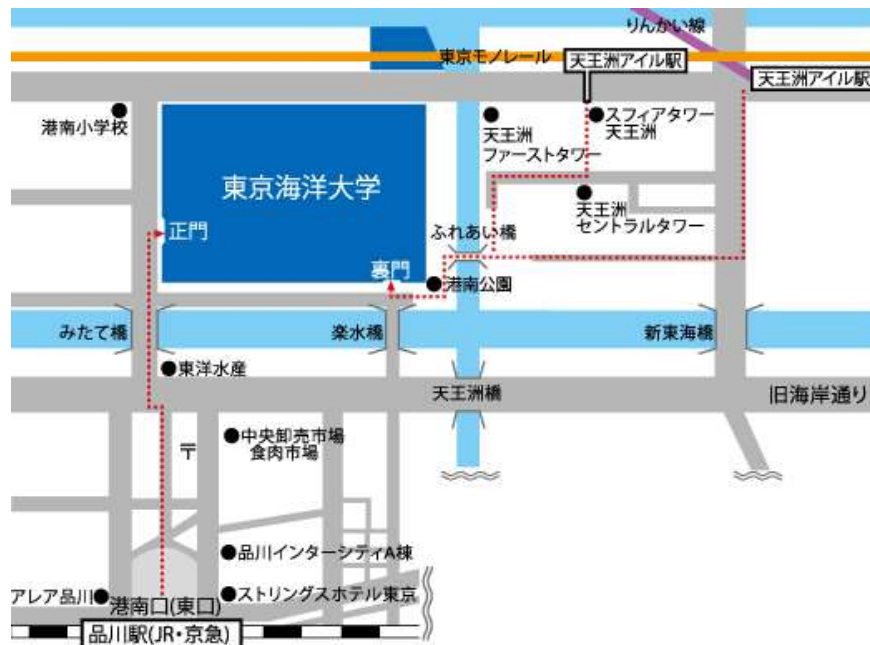
大土直哉(東京大学大気海洋研究所大槌沿岸センター)

乾 直人(東京大学三崎臨海実験所)

太田悠造(山陰海岸ジオパーク海と大地の自然館)

[東京海洋大学品川キャンパスへのアクセスと会場案内]

- ・JR 線・京浜急行線 品川駅港南口（東口）から「みたて橋」を渡り徒歩約 15 分
- ・東京モノレール天王洲アイル駅から「ふれあい橋」を渡り裏門まで約 15 分
- ・りんかい線天王洲アイル駅から「ふれあい橋」を渡り裏門まで約 20 分



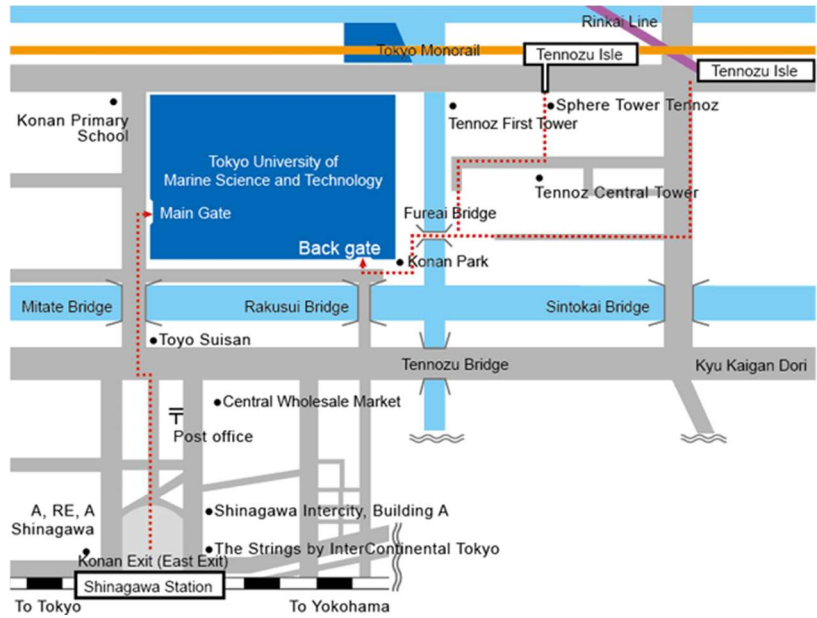
下図のキャンパスマップの 21 番が白鷹館、22 番が楽水会館です。



白鷹館 2F の多目的ホールを参加者の休憩室として利用いただけます。また、貴重品以外の荷物をお預かりするスペースも準備いたしますのでご利用ください。

Access to Shinagawa Campus, Tokyo University of Marine Science and Technology

- * 15 minutes' walk from Konan Exit (or East Exit), "Shinagawa Station" on the JR Line (Yamanote Line, Kehintohoku Line etc.), Tokaido Shinkansen and Keihin Kyuko Line to the main gate of the Campus via Mitate Bridge
- * 15 minutes' walk from "Tennozu Isle Station" on the Tokyo Monorail to the back gate of the Campus via Fureai Bridge
- * 20 minutes' walk from "Tennozu Isle Station" on Rinkai Line to the back gate of the Campus via Fureai Bridge



Shinagawa Campus Map

Bldg. 21: Hakuyo Hall
 Bldg. 22: Rakusui Hall



The small conference room on the 2nd floor of the Hakuyo Hall can be used as a break room for participants. A space will also be available to store luggage other than valuables.

発表プログラム Program

口頭発表 Oral Session

10月14日(土) Saturday, 14 October [9:05-11:55] O1-O11

*若手研究者(35歳以下)による発表 Presentations by young researchers (under 35 years old)

- 8:50 - 9:05 O1* 日本初記録3種を含むトラフシヤコ科シヤコ類の報告
○中島広喜・成瀬 貫(琉球大)
Taxonomic study of lysiosquillid mantis shrimps in Japan
○Hiroki Nakajima & Tohoru Naruse (University of the Ryukyus)
- 9:05 - 9:20 O2* キクイムシ属におけるホストシフトと種分化の関係性について
○杉田智哉・朝川毅守(千葉大)
The relationship between host shift and speciation in the genus *Limnoria*
○Tomoya Sugita & Takeshi Asakawa (Chiba University)
- 9:20 - 9:35 O3* ウミナナフシ寄生性カクレヤドリムシ類
○白木祥貴・角井敬知(北海道大)
Cryptoniscoids parasitic on amphipods (Isopoda: Epicaridea, Cymothoidea)
○Shoki Shiraki & Keiichi Kakui (Hokkaido University)
- 9:35 - 9:50 O4* 宿主の摂餌行動を利用した魚類寄生性等脚類サヨリヤドリムシの寄生戦略
○藤田大樹・下村通誉(京都大)・河合賢太郎・海野徹也(広島大)
Infestation strategy for the fish parasitic isopod *Mothocya parvostis* using the feeding behavior of hosts
○Hiroki Fujita, Michitaka Shimomura (Kyoto University), Kentaro Kawai & Tetsuya Umino (Hiroshima University)
- 9:50 - 10:00 Coffee break
- 10:00 - 10:15 O5* ソメワケウミクワガタのプラニザ幼生の体色と宿主魚種との関係に関する研究
○森下真拓(海洋大)・広瀬雅人(北里大)
A study on the relationship between the body color of praniza larvae of *Elaphognathia discolor* and their host fish species
○Morishita Shinya (Tokyo University of Marine Science and Technology) & Masato Hirose (Kitasato University)
- 10:15 - 10:30 O6* オホーツクホンヤドカリが背負う貝殻に生息するヨコエビ *Quasimelita* sp. の社会構造の季節変化と生活史
○高尾航平・関岡寛知・和田 哲(北海道大)
The seasonal change of social structure and life history of *Quasimelita* sp. associated with gastropod shells inhabited by *Pagurus ochotensis*
○Kohei Takao, Tomonori Sekioka & Satoshi Wada (Hokkaido University)

- 10:30 - 10:45 O7* エゾテングノウニヤドリの個体群動態と食性
 ○山崎涼雅(鹿児島大)・早川 淳(東京大)・村田楽人(国際航業株式会社)・富川 光(広島大)・久米 元・小針 統・小玉将史(鹿児島大)
 Population dynamics and feeding ecology of *Dactylopleustes yoshimurai*
 ○Ryoga Yamazaki (Kagoshima University), Jun Hayakawa (The University of Tokyo), Gakuto Murata (Kokusai Kogyo Co., Ltd.), Ko Tomikawa (Hiroshima University), Gen Kume, Toru Kobari & Masafumi Kodama (Kagoshima University)
- 10:45 - 11:00 O8* 実河川における可搬魚道を用いた甲殻類の遡上と魚道水際の水理特性
 ○長尾涼平(元 香川高専)・高橋直己(香川高専)・中田和義(岡山大)
 Upstream migration of crustaceans through a portable fishway in rivers and the hydraulic characteristics at the edge of water in the fishway
 ○Ryohei Nagao, Naoki Takahashi (National Institute of Technology, Kagawa College) & Kazuyoshi Nakata (Okayama University)
- 11:00 - 11:10 Coffee break
- 11:10 - 11:25 O9* Metagenomic analysis of the lignocellulolytic potential of mangrove herbivorous crabs
 ○Tom Kwok Lun Hui, Chandler Tsz To Tsang, Karen Ka Wing Wong, Irene Ching Nam Lo & Ling Ming Tsang (The Chinese University of Hong Kong)
- 11:25 - 11:40 O10* The Nature of marine symbiosis: Insights from the nutritional benefits of the anemone host to the symbiotic palaemonid shrimps (Decapoda: Caridea)
 ○Tsz Wan Tse, Ling Ming Tsang (The Chinese University of Hong Kong)
- 11:40 - 11:55 O11* Ecomorphology of gastric capacity and chelae of brachyuran crab species in relation to dietary preferences
 ○Hoi Ching Leung, Wing Tan Yuen & Ling Ming Tsang (The Chinese University of Hong Kong)

10月15日(日) Sunday, 15 October [8:45-17:10] O12-O33

- 8:45 - 9:00 O12* トゲノコギリガザミとアミノコギリガザミの稚ガニの相対成長
○三田哲也(水産機構)・團重樹・浜崎活幸(海洋大)
Relative growth of pereiopods of the early juveniles of two mud crab species *Scylla paramamosain* and *S. serrata* (Brachyura: Portunidae)
○Tetsuya Sanda (Japan Fisheries Research and Education Agency), Shigeki Dan & Katsuyuki Hamasaki (Tokyo University of Marine Science and Technology)
- 9:00 - 9:15 O13* 石垣島沿岸域に流下する農薬による藻場葉上動物の攪乱:特に甲殻類群集への強い負の影響
○小玉将史(鹿児島大)・隠塚俊満・谷田巖(水産機構)・高橋瑞季(鹿児島大)・三田哲也・岩崎隆志・山田秀秋(水産機構)
Disturbance of epifauna in macrophyte beds by pesticides discharged into the coastal area in Ishigaki Island, Japan: remarkable negative impact on crustacean assemblages
○Masafumi Kodama (Kagoshima University), Toshimitsu Onduka, Iwao Tanita (Japan Fisheries Research and Education Agency), Mizuki Takahashi (Kagoshima University), Tetsuya Sanda, Takashi Iwasaki & Hideaki Yamada (Japan Fisheries Research and Education Agency)
- 9:15 - 9:30 O14* Ovarian maturation, size at sexual maturity, and spawning season of jack-knife shrimp *Haliporoides sibogae* (Decapoda: Solenoceridae) in Kagoshima Bay, southern Japan
○Md Alomgir Hossen & Jun Ohtomi (Kagoshima University)
- 9:30 - 9:45 O15* Metabolic characterization and disease biomarkers in Caribbean spiny lobster, *Panulirus argus*
○Qin Boyu, Michiya Kamio, Hiroshi Nagai (Tokyo University of Marine Science and Technology), Erica Ross (Florida Fish and Wildlife Research Institute), Jan Tebben (Alfred Wegener Institute), Tilmann Harder (Alfred Wegener Institute and University of Bremen), Charles Derby (Georgia State University), Donald Behringer (University of Florida)
- 9:45 - 10:00 ST **Special talk: The Crustacean Society and its possibility to collaborate with carcinologists in Japan**
Benny KK Chan (Academia Sinica): President, The Crustacean Society
- 10:00 - 10:10 Coffee break
- 10:10 - 10:25 O16 志津川湾における稀種クダリボウズギス属魚類によるフトオビソテツポウエビの巣穴利用
鈴木将太・阿部拓三(南三陸ネイチャーセ)・太齋彰浩(サスセン)・佐藤真央(国立科博)・○邊見由美(京都大)
Burrow utilization of the alpheid shrimp by the rare apogonid fish of the genus *Gymnapogon* in Shizugawa Bay
Shota Suzuki, Takuzo Abe (Minamisanriku Nature Center), Akihiro Dazai (Center for Sustainable Society), Mao Sato (National Museum of Nature and Science) & ○Yumi Henmi (Kyoto University)

- 10:25 - 10:40 O17 シタゴコロガニとトリウミアカイソモドキの stridulation 行動
 ○伊谷 行(高知大)・塩崎祐斗(高知大・田辺高校)・濱岡 藍・五島千秋(高知大)・邊見由美(京都大)
 Stridulation in the varunid crabs *Sestrostoma* sp. and *S. toriumii*
 ○Gyo Itani (Kochi University), Yuto Shiozaki (Kochi University and Tanabe High School), Ai Hamaoka, Chiaki Goto (Kochi University) & Yumi Henmi (Kyoto University)
- 10:40 - 10:55 O18 北海道東部に生息するアナジャコの巣穴構造と生活史
 高下聖崇・○和田 哲(北海道大)
 Burrow structure and life history in the mud shrimp *Upogebia major*
 Masataka Kouge & ○Satoshi Wada (Hokkaido University)
- 10:55 - 11:10 O19 ハクセンシオマネキに個性はあるか 1. 熱耐性の違いが活動に影響する
 ○逸見泰久・石原明日斗・山平茜莉(熊本大)
 Does the fiddler crab *Austruca lactea* have personality? 1. Differences in heat resistance affect activity
 ○Yasuhisa Henmi, Asuto Ishihara & Akari Yamahira (Kumamoto University)
- 11:10 - 11:20 Coffee break
- 11:20 - 11:35 O20 Crab bait development and improvement for trap fishing
 Miguel Vazquez-Archdale (Kagoshima University)
- 11:35 - 11:50 O21 Habitat preference, speciation and phylogenetic niche conservatism within *Thalamita* swimming crabs (Portunidae, Thalamitinae)
 ○Nathaniel Evans, Taigi Sato & Tohru Naruse (University of the Ryukyus)
- 11:50 - 12:05 O22 沖縄島の海底洞窟から採集された *Orcovita* 属カニ類
 ○藤田喜久(沖縄県立芸術大学)・駒井智幸(千葉県博)・成瀬 貫(琉球大)
Orcovita crabs from submarine caves on Okinawa Island, Ryukyu Islands, Japan
 ○Yoshihisa Fujita (Okinawa Prefectural University of Arts), Tomoyuki Komai (Natural History Museum and Institute, Chiba) & Tohru Naruse (University of the Ryukyus)
- 12:05 - 12:20 O23 琉球列島の海底洞窟における甲殻類群集構造
 ○藤田喜久(沖縄県立芸術大学)・水山 克(名桜大)・木村 颯・菅 浩伸(九州大)・井口 亮(産総研)・下村通誉(京都大)・斉藤知己(高知大)・岡西政典(広島修道大)・角井敬知(北海道大)
 Community structure of crustaceans in submarine caves of the Ryukyu Islands
 ○Yoshihisa Fujita (Okinawa Prefectural University of Arts), Masaru Mizuyama (Meio University), Hayate Kimura, Hironobu Kan (Kyushu University), Akira Iguchi (National Institution of Advanced Industrial Science and Technology), Michitaka Shimomura (Kyoto University), Tomomi Saito (Kochi University), Masanori Okanishi (Hiroshima Shudo University) & Keiich Kakui (Hokkaido University)

- 14:20 - 14:35 O24 北海道羅臼沖で採集されたホソウオノシラミ(等脚目・グソクムシ科)
○齋藤暢宏(水土舎)・柳本 卓(水産機構)・日比野麻衣(ふくしま海洋科学館)
A record of aegid isopod, *Rocinela angustata* Richardson, 1904, collected from Rausu, Nemuro Strait of Hokkaido, northern Japan
○Nobuhiro Saito (Suido sha Co. Ltd), Takashi Yanagimoto (Japan Fisheries Research and Education Agency) & Mai Hibino (Marine Science Museum, Fukushima Prefecture, Aquamarine Fukushima)
- 14:35 - 14:50 O25 山陰海岸で見つかったウミクワガタ類 4 種(等脚目;ウミクワガタ科)
太田悠造(山陰海岸ジオ・海と大地)
Four species of gnathiid isopods (Gnathiidae) from San'in Kaigan coast
Yuzo Ota (San'in Kaigan Geopark Museum of the Earth and Sea)
- 14:50 - 15:05 O26 岩手県内に分布するサワガニ属の数種について
大土直哉(東大大海研)
Some freshwater crab species of the genus *Geothelphusa* Stimpson, 1858 (Brachyura: Potamidae) distributed in Iwate Prefecture
Naoya Ohtsuchi (Atmosphere and Ocean Research Institute, The University of Tokyo)
- 15:05 - 15:20 O27 西表島固有種ショキタテナガエビの遺伝的多様性と小進化
○今井秀行(琉球大)・ハーディアントエコ(ガジヤマダ大)・高田賢人(和歌山自然博)
Genetic diversity and microevolution of the endemic land-locked shrimp *Macrobrachium shokitai*
○Hideyuki Imai (University of the Ryukyus), Eko Hardianto (Gadjah Mada University) & Kento Takata (Wakayama Prefectural Museum of Natural History)
- 15:20 - 15:30 Coffee break
- 15:30 - 15:45 O28 モクズガニ幼生の生残および発育に及ぼす塩分の影響
○市川 卓・藤野琢磨(東京農大)
Effects of salinity on the survival and development of larvae of the Japanese mitten crab *Eriocheir japonica*
○Takashi Ichikawa & Takuma Fujino (Tokyo University of Agriculture)
- 15:45 - 16:00 O29 Comparative analysis of gut microbiome of mangrove brachyuran crabs revealed patterns of phylosymbiosis and codiversification
Chandler TT Tsang (University of Sydney and The Chinese University of Hong Kong), Kwok Lun Hui, Nga Man Chung, Wing Tan Yuen & ○Ling Ming Tsang (The Chinese University of Hong Kong)
- 16:00 - 16:15 O30 ドットブロット法と電気泳動法を用いた甲殻類アレルギーの解析
○大石正道・内野滯旺(北里大)
Crustacean allergen analysis by dot blot and gel electrophoresis methods
○Masamichi Oishi & Reo Uchino (Kitasato University)

- 16:15 - 16:25 Coffee break
- 16:25 - 16:40 O31 アカテガニの月周繁殖リズムの生理機構
○豊田賢治(金沢大)・片山秀和(東海大)・大平 剛(神奈川大)
Physiological mechanisms underlying the lunar-dependent reproductive rhythm in the red claws crab *Chiomantes haematocheir*
○Kenji Toyota (Kanazawa University, Kanagawa University and Tokyo University of Science), Hidekazu Katayama (Tokai University) & Tsuyoshi Ohira (Kanagawa University)
- 16:40 - 16:55 O32 東北地方太平洋沖におけるズワイガニ雌の最終脱皮サイズ
○永尾次郎・森川英祐・成松庸二・鈴木勇人・時岡 駿・三澤 遼(水産機構)
Size at terminal molt of the snow crab *Chionoecetes opilio* in the northwestern Pacific off Tohoku district, Japan
○Jiro Nagao, Eisuke Morikawa, Yoji Narimatsu, Yuto Suzuki, Shun Tokioka, Ryo Misawa (Japan Fisheries Research and Education Agency)
- 16:55 - 17:10 O33 求愛・交尾時期以外でもクリガニのメス尿中に性フェロモンが含まれる可能性について
○神尾道也・七條琳太郎・家後勇樹・永井宏史(海洋大)・脇本敏幸・和田 哲(北海道大)・山家秀信(東京農大)
Release of sex pheromone might not be limited in mating season in female helmet crab *Telmessus cheiragonus*
○Michiya Kamio, Rintaro Shichijo, Yuki Yago, Hiroshi Nagai (Tokyo University of Marine Science and Technology), Toshiyuki Wakimoto, Satoshi Wada (Hokkaido University) & Hidenobu Yambe (Tokyo University of Agriculture)

シンポジウム Symposium

十脚甲殻類の侵略的な外来種とザリガニ類を中心とした保全研究:地中海地域を例として

Conservation study on crayfish and invasive alien decapod species: Case study on species from the Mediterranean region

Organizer: Tadashi Kawai (Hokkaido Research Organization, Central Fisheries Research Institution)

10月14日(土) Saturday, 14 October [15:20-18:15] SK1-SK5 and SO1-SO2

15:20 - 15:25 Opening address

Keynote Session

15:25 - 15:55 SK1 ザリガニにおける胃石とバイオミネラリゼーションと関連する遺伝子発現
Gastroliths and biomineralization related gene expression in crayfish
Amir Sagi (Ben Gurion University of the Negev)

15:55 - 16:25 SK2 地中海域における外来十脚目甲殻類:3つのケーススタディ
Alien Crustacea Decapoda in the Mediterranean region: Three case studies
Gianna Innocenti (Natural History Museum, University of Florence)

16:25 - 16:55 SK3 欧州におけるアメリカザリガニ
The red swamp crayfish *Procambarus clarkii* in Europe
Elena Tricarico (Department of Biology, University of Florence)

16:55 - 17:10 Coffee break

17:10 - 17:25 SK4 甲殻類の脱皮生理:ザリガニのバイオミネラリゼーションにおけるリンの移動
Crustacean molt physiology: phosphate transporter in crayfish biomineralization
○Shai Avraham Shaked, Simy Weil, Rivka Manor (Ben Gurion University of the Negev), Eliahu David Aflalo (Ben Gurion University of the Negev and Achva Academic College), Jerry Eichler & Amir Sagi (Ben Gurion University of the Negev)

17:25 - 17:40 SK5 有害カタツムリに対する環境生物防除剤としての monosex テナガエビとザリガニ
Monosex prawns and crayfish as environmental biocontrol agents against pest snails
○Sharon Moscovitz, Shai Avraham Shaked, Hanin Wattad (Ben Gurion University of the Negev), Hanoch Glassner (Eden Research Station), Eliahu D. Aflalo (Ben Gurion University of the Negev and Achva Academic College), Ofer Ovadia & Amir Sagi (Ben Gurion University of the Negev)

Oral Session

- 17:40 - 17:55 SO1 絶滅危惧種ニホンザリガニの保全と環境 DNA を用いた生息地特定
○飯塚凜人・佐藤尚貴・津谷桂名（秋田県立大館鳳鳴高等学校2年）
Conservation of Japanese crayfish and habitat identification using environmental DNA
○Rinto Iizuka, Naoki Sato & Keina Tsuya (Odate Homei High School)
- 17:55 - 18:10 SO2 北海道のザリガニ保全方針の策定と今後の展開
山田浩行（パシフィックコンサルタンツ株）
Formulation and future development of freshwater crayfish conservation guideline in Hokkaido
Hiroyuki Yamada (Pacific Consultants Co., Ltd.)
- 18:10 - 18:15 Closing address

ポスター発表・高校生発表

Poster Session (P) with Presentation by High School Students (H)

10月14日(土) Saturday, 14 October [13:00-15:00] P1-P26 & H1-H3

*若手研究者(35歳以下)による発表 Presentations by young researchers (under 35 years old)

P1* サザレオハグロテッポウエビの食性
○山下龍之丞・今 孝悦(海洋大)

The diet trait of pebble interstice-dwelling alpheid shrimp *Metabetaeus lapillicola*

○Ryunosuke Yamashita & Koetsu Kon (Tokyo University of Marine Science and Technology)

P2* 加計呂麻島から得られたツノヤドカリ属の1新種(十脚目:異尾下目:ヤドカリ科)
○長坂忠之助(海洋大)・駒井智幸(千葉中央博)

A new species of the hermit crab genus *Diogenes* Dana, 1851 (Decapoda: Anomura: Diogenidae) from Amami Islands, Ryukyu Islands, Japan

○Tadanosuke Nagasaka (Tokyo University of Marine Science and Technology) & Tomoyuki Komai (Natural History Museum and Institute, Chiba)

P3* 屋久島および沖縄本島において2種のウミガメ類(カメ目ウミガメ科)体表から採取された4未記載種および西太平洋初記録2種を含む8種の端脚目(軟甲綱)
○小川 洋(海の生き物を守る会)・林 亮太(日本工営株式会社)

Eight Amphipoda (Malacostraca) species, four new, two first recorded in Western Pacific, from 2 species sea turtles (Testudines: Cheloniidae) carapaces in Yakushima and Okinawa Islands, Southwestern Japan

○Hiroshi Ogawa (Association for Protection of Marine Communities) & Ryota Hayashi (Nippon Koei Co., Ltd.)

P4* 琉球列島から得られたムツアシガニ科の3未記載種
○佐藤大義・James Davis Reimer Reimer・成瀬 貫(琉球大)

Three undescribed hexapodid crabs from the Ryukyu Islands

○Taigi Sato, James Davis Reimer & Tohru Naruse (University of the Ryukyus)

P5* 第2世代CUBIC法を利用した水生甲殻類に対する温和な組織透明化法の確立
○加門隼希・野呂凜太郎・田口智也(中部大)・紺野 在(浜松医科大)・石垣幸二(有限会社ブルーコーナー)・鈴木香里武(幼魚水族館、北里大)・三宅裕志(北里大)・武井史郎(中部大、幼魚水族館)

Establishment of mild tissue clearing method for aquatic crustaceans using the 2nd-generation CUBIC method

○Shunki Kamon, Rintarou Noro, Tomoya Taguchi (Chubu University), Alu Konno (Hamamatsu University School of Medicine), Kouzi Ishigaki (Blue Corner Inc. and Yogyo Aquarium), Karibu Suzuki (Yogyo Aquarium and Kitasato University), Hiroshi Miyake (Kitasato University) & Shirou Takei (Chubu University and Yogyo Aquarium)

- P6* 能登半島沿岸での藻場におけるヨコエビ群集の季節動態
 ○角田啓斗(東京理科大)・東出幸真(のと海洋ふれあいセンター)・小玉将史(鹿児島大)・宮川信一(東京理科大)・豊田賢治(金沢大・東京理科大・神奈川大)
 Seasonal dynamics of the gammaridean amphipod assemblage in algal beds in the Noto Peninsula, Ishikawa Prefecture, Japan
 ○Keito Tsunoda (Tokyo University of Science), Yukimasa Higashide (Noto Marine Center), Masafumi Kodama (Kagoshima University), Shinichi Miyagawa (Tokyo University of Science) & Kenji Toyota (Kanazawa University, Tokyo University of Science and Kanagawa University)
- P7* 熱水域固有種 *Stygiopontius senokuchiai* 幼体の成長率の雌雄差及び齢構成の空間変異
 ○田中瑛未・川谷健人(熊本大)・上野大輔(鹿児島大) 嶋永元裕(熊本大)
 Spatial variation in age composition and growth rate of sexual difference of *Stygiopontius senokuchiai* larvae endemic species in hydrothermal regions
 ○Eimi Tanaka, Kento Kawatani (Kumamoto University), Daisuke Ueno (Kagoshima University) & Motohiro Shimanaga (Kumamoto University)
- P8* 亜寒帯の海跡湖における海洋熱波がホッカイエビの分布に及ぼす影響
 ○松本裕幸・東典子・千葉晋(東京農大)
 Effect of marine heatwaves on the distribution of *Pandalus latirostris* in a subarctic lagoon
 ○Hiroyuki Matsumoto, Noriko Azuma & Susumu Chiba (Tokyo University of Agriculture)
- P9* 低塩分条件がオオバウチワエビ幼生の脱皮、発育、生残に及ぼす影響
 ○羽田飛騎・若林香織(広島大)
 Effects of low salinity conditions on molting, growth, and survival of larvae of *Ibacus novemdentatus*
 ○Shibuki Hada & Kaori Wakabayashi (Hiroshima University)
- P10* タルマワシモドキの雄における形態的差異とその意義
 ○宮地亮佑・若林香織(広島大学)
 Morphological differences in male *Phronimella elongata* and its implication
 ○Ryosuke Miyaji & Kaori Wakabayashi (Hiroshima University)
- P11* ニホンザリガニの個体群健全性は共生者の種多様性に関与するか
 ○今野友陽・小泉逸郎(北海道大)
 Does the population health of Japanese crayfish have a role in the species diversity of symbionts?
 ○Tomoaki Konno & Itsuro Koizumi (Hokkaido University)
- P12* Impact of land use on the presence/absence of endangered Japanese Crayfish (*Cambariodes japonicus*) and estimation of the best model with land-use predictors
 ○Wei JIA, Kazunori Tanaka, Tomoaki Konno & Itsuro Koizumi (Hokkaido University)

- P13* アメリカザリガニの捕獲漁具に用いる餌の誘引効果の持続性
○水井颯麻・Quang Tuong Luong・勝原光希・中田和義(岡山大)
Duration of artificial baits for traps to capture the invasive red swamp crayfish *Procambarus clarkii*
○Soma Mizui, Quang Tuong Luong, Koki Katsuhara & Kazuyoshi Nakata (Okayama University)
- P14* かいぼり後のため池におけるアメリカザリガニの個体群動態
○中市純矢(岡山大)・奥田 圭(広島修道大)・中田和義(岡山大)
Population dynamics of the invasive red swamp crayfish *Procambarus clarkii* after winter pond drying
○Junya Nakaichi (Okayama University), Kei Okuda (Hiroshima Shudo University) & Kazuyoshi Nakata (Okayama University)
- P15* Potential threat of the invasive red swamp crayfish (*Procambarus clarkii*) for freshwater biodiversity in South Korea
○Seongnam Ham & Kazuyoshi Nakata (Okayama University)
- P16* 京都府舞鶴湾におけるノコハオサガニ小型個体の記録
○邊見由美(京都大)・前之園唯史(株式会社かんきょう社)
Record of small specimens of *Venitus latreillei* in Maizuru Bay, Kyoto Prefecture, Japan
○Yumi Henmi (Kyoto University) & Tadafumi Maenosono (Kankyosha)
- P17* マクサ葉上ソコムジンコ類の季節変動と群集形成に関わる要因
○阿部太一・青木優和・鈴木はるか(東北大)
The factors related to community formation and seasonal dynamics of epiphytic harpacticoid copepods on *Gelidium elegans*
○Taichi Abe, Masakazu Aoki & Haruka Suzuki (Tohoku University)
- P18* イソカナダマシメガロパの着底と脱皮:海水、餌料及び基盤の影響
○座間一樹・浜崎活幸・團 重樹(海洋大)
Settlement and molting of the porcelain crab *Petrolisthes japonicus* megalopae: Effects of seawater, food, and substrate
○Kazuki Zama, Katsuyuki Hamasaki & Shigeki Dan (Tokyo University of Marine Science and Technology)
- P19* カニ類 6 種の繁殖に関わる器官の相対サイズ比較
○山根 涼・浜崎活幸・團 重樹(海洋大)
Relative size differences of body parts involved in reproduction of six brachyuran crabs
○Ryo Yamane, Katsuyuki Hamasaki & Shigeki Dan (Tokyo University of Marine Science and Technology)
- P20* イワガニの体色変異
○阿藤春輝・浜崎活幸・團 重樹(海洋大)
Body color variation of the grapsid crab *Pachygrapsus crassipes*
○Haruki Ato, Katsuyuki Hamasaki & Shigeki Dan (Tokyo University of Marine Science and Technology)

- P21 ナミクダヒゲエビ(クダヒゲエビ科)の成長に伴う第1触角長の変化
○大富 潤・佐藤拓海(鹿児島大)
Change in first antennal length with growth in *Solenocera melantho* (Solenoceridae)
○Jun Ohtomi & Takumi Sato (Kagoshima University)
- P22 ショキタテナガエビの遺伝的集団構造と多様性
○土井 航(鹿児島大)・野原健司(東海大)・井上太之・河野裕美(IER)
Genetic structure and diversity of the fluvial prawn *Macrobrachium shokitai*
○Wataru Doi (Kagoshima University), Kenji Nohara (Tokai University), Hiroyuki Inoue & Hiroyoshi Kohno (Island Ecosystem Research)
- P23 ダイオウキジンエビ *Sclerocrangon rex* の保育に関する続報
○日比野麻衣・松崎浩二(ふくしま海洋科学館)
Further report on extended parent care of *Sclerocrangon rex*
○Mai Hibino & Koji Matsuzaki (Marine Science Museum, Fukushima Prefecture)
- P24 養成クルマエビの自然産卵に関する飼育条件の検討
○伏屋玲子・玉城泉也・林原 毅・加藤雅也(水産機構)
Examination of rearing conditions for natural spawning in kuruma prawn *Penaeus japonicus*
○Reiko Fuseya, Motoya Tamaki, Takeshi Hayashibara & Masaya Katoh (Japan Fisheries Research and Education Agency)
- P25 鹿児島県天降川における淡水性エビ類の最近の分布および抱卵状況
○讃岐 斉・津崎貴博・町田征彦・川野秀斗(鹿児島県立国分高等学校)・大富 潤(鹿児島大)
Recent distribution and reproductive status of freshwater shrimps and prawns in the Amori River, Kagoshima, southern Japan
○Hitoshi Sanuki, Takahiro Tsuzaki, Masahiko Machida, Shuto Kawano (Kokubu High School) & Jun Ohtomi (Kagoshima University)
- P26 十脚目のサイナス腺ホルモンの比較生理解析
○豊田賢治(金沢大)・市川 卓(東京農大)・三田哲也(水産機構)・竹内 謙(東京理科大)・山本岳男(水産機構)・若林香織(広島大)・齋藤禎一・後藤康丞・岡本一利・峯田克彦・五條堀 孝(MaOI 機構)・大平 剛(神奈川大)
Comparative physiology of eyestalk-derived peptides in decapod crustaceans
○Kenji Toyota (Kanazawa University, Tokyo University of Science and Kanagawa University), Takashi Ichikawa (Tokyo University of Agriculture), Tetsuya Sanda (Japan Fisheries Research and Education Agency), Ken Takeuchi (Tokyo University of Science), Takeo Yamamoto (Japan Fisheries Research and Education Agency), Kaori Wakabayashi (Hiroshima University), Yoshimoto Saito, Kosuke Goto, Kazutoshi Okamoto, Katsuhiko Mineta, Takashi Gojobori (Marine Open Innovation Institute) & Tsuyoshi Ohira (Kanagawa University)

- H1 オオバウチワエビの親エビ養成
○三木太貴・砂田大斗・豊島煌太(宇和島水産高校)
Reared breeding of the slipper lobster *Ibacus novemdentatus* (Decapoda: Scyllaridae)
○Taiki Miki, Hiroto Sunada & Kouta Toyoshima (Uwajima Fisheries High School)
- H2 茨城県日立市の宮田川流域における甲殻類の分布と環境保全について
○柴田 司・○杉山 稜・高山志優・細美祐貴(明秀学園日立高等学校)
The crustacean's distribution and environmental preservation of Miyata River (Hitachi city, Ibaraki, Japan)
○Tsukasa Shibata, ○Ryou Sugiyama, Shuu Takayama & Yuki Hosomi (Meishu Gakuen Hitachi High School)
- H3 ウチダザリガニの猪苗代湖侵入確認について
○石山七海・石山杏好(あけなみザリガニ研究会)
Invasion confirmation report of signal crayfish to Lake Inawashiro
○Nanami Ishiyama & Azuki Ishiyama (AKENAMI Crayfish Study Group)