

JST (Japan Standard time UTC+0900)
 CEST (Central European Summer Time UTC+0200)
 US (US Mountain time UTC-0600)

Online IDS 2021 POSTER PRESENTATIONS

Presenters should be next to their poster in the specified Spatial.chat room for 30 minutes as designated by ✓ in the left panel

Poster Session Part I (24th)		Poster Session Part II (25th)	
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Taxonomy, phylogeny & biogeography (I)			★ = student presentation
Room A	P-01	Mucilage tubes and surface pits in <i>Gyrosigma</i> spp. including <i>G. arbroathe</i> n. sp.	Christopher Lobban
	P-02	New species of conopeate <i>Nitzschia</i> in the Pacific Islands	★ Britney Sison
	P-03	Observations on the enigmatic genus <i>Pyxilla</i> from Eocene-Oligocene sediments	Richard Jordan
	P-04	Identification and morphological analysis of <i>Actinoptychus</i> spp. using an image database and machine learning	Richard Jordan
	P-05	<i>Gomphotheca marciae</i> (Bacillariophyceae: Bacillariaceae), a new species in a rarely-seen genus	★ Gabriella Prelosky
Room B	P-06	Molecular phylogeny of two marine genera, <i>Nagumoea</i> and <i>Druelago</i>	★ Kazuki Sugawara
	P-07	<i>Diploneis serrata</i> (Bacillariophyceae): morphological classification, molecular identification, and structural mechanistic analysis of a new diatom species	John Perez
	P-08	Morphology and distribution of the genus <i>Bifibulatia</i> Takano	Bart Van de Vijver
	P-09	Morphology and molecular phylogeny of <i>Melosira capsularum</i> sp.nov. and revision of freshwater <i>Melosira</i> in China	★ Lin Yang
S-01	[sponsor] Sogensha		

Taxonomy, phylogeny & biogeography (II)			
Room C	P-10	Biodiversity of <i>Frustulia</i> Rabenhorst (Bacillariophyceae) in freshwater bodies of Paraná State, Brazil	★ Paula Ferreira
	P-11	Diatoms of Abzalou wetland in Khuzistan Province, SW-Iran	Ehsan Atazadeh
	P-12	Biodiversity of diatoms in the Aras River and Dam, NW-Iran	Ehsan Atazadeh
	P-13	Contrastive patterns of diatom biodiversity in temperate and subtropical peatlands	★ JunLu Li
	P-14	Rapid expansion of an aquatic invasive species (AIS) in the Central-European surface waters: a case study of <i>Achnanthyrium delmontii</i>	Zsuzsa Trábert
Room D	P-15	The examination of common <i>Navicula</i> species from North America using molecular and morphological traits	Paul Hamilton
	P-16	Biogeography of benthic diatoms from the northern treeline to the high Arctic	★ Marie Alibert
	P-17	Rare <i>Thalassiosira</i> (Bacillariophyta) species in the northwestern Sea of Japan	★ Mariia Shulgina
	P-18	How Grunow and de Brébisson already shaped most of the European <i>Brachysira</i> flora...	Bart Van de Vijver
	P-19	New records of <i>Navicula</i> species (Bacillariophyceae) from the Marikina River (Philippines)	Eldrin Arguelles
Room E	P-20	New records of <i>Gomphonema</i> species (Bacillariophyceae) from Marikina River, Rizal (Philippines)	Milagrosa Martinez-Goss
	P-21	The genus <i>Navicula</i> from Por'ya Guba Estuary (Murmansk Region, Russia)	Dmitry Chudaev
	P-22	Raphid diatoms from the ponds of Zvenigorod Biological Station (Moscow Region, Russia)	★ Natalia Tseplik
	P-23	Diversity and distribution of the genus <i>Luticola</i> in Argentina	★ Julian Simonato
	S-02	[sponsor] Koeltz Botanical Books	

Ecology, epiphytic & epizoic communities			
Room F	P-24	130 years of biological oceanography at the Center for Marine Research in Rovinj (Croatia): A diatom aspect	Martin Pfannkuchen
	P-25	Seasonal variation of diatoms in Huguang maar lake, China	★ Yitong Liu
	P-26	Study on the seasonal variation of Moon Lake	★ Xiao Yi Wang
	P-27	Spatial and temporal patterns of diatom diversity and community structure in the Damavand River basin, Central Alborz, Iran	Somayyeh Kheiri
	P-28	Morphological and habitat characteristics of <i>Nitzschia taiakensis</i> found in the Toberi River Marsh, Hokkaido, Japan	Takashi Chiba
P-29	Revisiting <i>Stauroneis acuta</i> W. Smith and related taxa from Peninsular India	★ Neha Wadmare	
Room G	P-30	Loggerhead sea turtle-associated epizoic vs. non-epizoic diatoms: isolation, identification, and co-cultivation experiments	★ Klara Filek
	P-31	Diatoms on feathers of a diving seabird species and their possible transport	★ Yumemi Yoshioka
	P-32	First survey of epibenthic diatom communities on marine phanerogams and invertebrates from Omani coasts	Concetta Auciello
	P-33	First characterization of the benthic diatom community associated with marine macroalgae from the rocky intertidal on the Atlantic coast of Rocha, Uruguay	★ Lara Haguaburu
	P-34	Moss-inhabiting diatoms from Campbell Island (sub-Antarctic)	★ Charlotte Goeyers
S-03	[sponsor] SeedBank		

Physiology, biomonitoring and molecular diversity			
Room H	P-35	Physiological adaptations of <i>Chaetoceros danicus</i> to phosphate-limited environmental conditions	★ Ivan Vlasicek
	P-36	Effect of nutrient enrichment on biomass accumulation in the marine diatom <i>Gedaniella flavovirens</i>	★ Aleksandra Golubeva
	P-37	Using diatoms as indicators to assess the water quality in the Sufi-Chai River, NW-Iran	Ehsan Atazadeh
	P-38	Collaborative Research Centre 1439 RESIST: Investigating the functional and compositional responses of stream microphytobenthic communities to multiple stressors increase and decrease	★ Ntambwe Mayombo
	P-39	Environmental variables influence algal communities in alpine streams with different hydrologic sources	★ Shannon Weld
Room I	P-40	Factors driving the community structure of phytoplankton in the Gaji River, Yankari Game Reserve, Bauchi State, Nigeria	★ Yusuf Ibrahim
	P-41	Barcoding 130 diatom cultures for the 130 years anniversary	Lana Grizancic
	P-42	Characterizing temporal variation in diatom <i>rbcL</i> sequences in streams to inform nutrient indicator development using DNA metabarcoding	Nathan Smucker
	P-43	Confocal microscopy: A novel method to determining the effects of pesticides on the vitality of diatom communities	Anrich Kock
	P-44	Do core DNA repair enzymes regulate diatom genetic diversity?	★ Reuben Gilbertson
S-04	[sponsor] FlowCAM		

Paleoenvironmental reconstruction			
Room J	P-45	Intraspecific variability in <i>Cyclotella cavitata</i> - an adaptation to environmental changes during the mid-Pleistocene Transition (MPT) in Lake Ohrid	★ Dušica Zaova
	P-46	Late Quaternary diatom record from Mono Lake, California, USA	Scott Starratt
	P-47	A late Eocene coastal marine diatom assemblage from eastern Texas, U.S.A.	Diane Winter
	P-48	Miocene diatoms of the Laberinto Area of Southern Peru: Comparison with Monterey Formation diatom assemblages of California	John Barron
	P-49	High biosiliceous productivity during the Tortonian - a case study on diatom assemblages from offshore and onshore sediments of the northeast Indian Ocean	★ Lopamudra Roy
Room K	P-50	Sediment diatom records reveal the changes of mariculture activities in Nan'ao Island during the past half century	Yuanda Lei
	P-51	Reconstruction of environmental and flooding histories since AD1250 at three annually laminated lakes in Central Finland using diatom assemblages	Kaoru Kashima
	P-52	Are there rules of assembly? Deterministic patterns of assemblage in the fossil records of ancient Lake Towuti	★ Mariam Ageli
	P-53	Past and Present distribution of diatoms from Kenya and Tunisia	Leila Ben Khelifa
	P-54	Environmental changes of the Holocene - the continuously varve-dated diatom record from Holzmaar, Germany	Maria Garcia