



Please join the virtual ESA 2020 Microbial Ecology Section poster crawl on Monday August 3 from 5:00 to 6:30 pm ET and on Thursday August 6 from 5:00 to 6:30 pm ET.

If you have not registered, please do so to receive zoom invitation:

<https://forms.gle/5tUx42DigiJCqoM8>

Day of presentation	Presentation order	Abstract Title	Presenter	Abstract Link
Monday August 3	1	Soil nutrients and plant functional traits mediate plant-fungi associations	Lei Chen	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83304.htm
Monday August 3	2	Environmental sensitivity of soil microbial communities increases in association with plant roots in salt marsh ecosystems	Steven Travis	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83335.htm
Monday August 3	3	Unlocking the swab: characterizing non-pathogenic amphibian fungi	Jennie West	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84714.htm
Monday August 3	4	Fire and grazing management affect root-associated fungal communities more than plant species identity	Nicholas Vega Anguiano	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_88182.htm
Monday August 3	5	Intraspecific variation in plant-microbe interactions	Scott J. Meiners	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84973.htm

Monday August 3	6	Demographic buffering by context-dependent host-microbe interactions in stochastic environments	Joshua C. Fowler	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85378.htm
Monday August 3	7	Short-term nitrogen returns on investment are driven by below-ground carbon allocation in cotton and soybean microbial symbioses	Evan A. Perkowski	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85384.htm
Monday August 3	8	Separating the effects of mycorrhizal status and litter chemistry on soil C and N stocks in a tropical montane forest	Georgia Seyfried	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85962.htm
Monday August 3	9	Legume response to microbial communities from grasslands varying in land-use history	Susan M. Magnoli	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86148.htm
Monday August 3	10	Testing for Temporal Stability of the Gut Microbiome in a Mammalian Herbivore in a Natural Setting	Dylan M. Klure	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86203.htm
Monday August 3	11	Fungal community relation to soil carbon stocks across tropical forest succession	Emily J. Diaz-Vallejo	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86466.htm
Monday August 3	12	Natural parasite infections are associated with shifts in the gut	Margaret L. Doolin	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86468.htm

		microbiome of a mammalian herbivore		
Monday August 3	13	Fungal succession after wildfire reveals significant changes in fungal richness and composition	Fabiola Pulido-Chavez	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87582.htm
Thursday August 6	14	Quantifying how diet and evolutionary history shape the mammalian gut microbiome	Sara Weinstein	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86576.htm
Thursday August 6	15	A toxic relationship in the forest: ingestion of monarch butterflies alters the gut microbiome of wild black-eared mice (<i>Peromyscus melanotis</i>)	Rodolfo Martínez-Mota	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86721.htm
Thursday August 6	16	Evolutionary Relationship Of Antimicrobial Resistance And Bacteriophage in Microbiomes of Residential Structures Associated With Backyard Poultry Environments	Allona Wright	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87062.htm
Thursday August 6	17	Diversity of mycorrhizal fungi, and endophytic and intra-hyphal bacteria in disjunct populations of a	J. Kris Petterson	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87456.htm

		temperate terrestrial orchid		
Thursday August 6	18	Taxon-specific analysis reveals the influence of biotic and abiotic factors on bacterial communities in Louisiana wetland soils	McKenzie Smith	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87686.htm
Thursday August 6	19	Responses of biocrust and root-associated microbial communities to water and nitrogen additions in a semiarid grassland	Catherine Cort	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87799.htm
Thursday August 6	20	Presence of manganese(II) confers growth benefit to litter-degrading Ascomycete fungi on recalcitrant, but not labile, carbon sources	Ethan Lynch	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87855.htm
Thursday August 6	21	Soil microbes from grasses affect the performance of later colonizing prairie plants	Anthony C. Yannarell	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87896.htm
Thursday August 6	22	Untamed Genes: Structural, Mechanistic, and Functional Impacts of Teosinte loci on the	Alonso Favela	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86800.htm

		Rhizosphere Microbiome of Maize		
Thursday August 6	23	Fungal trait trade-offs in a Southern Californian grassland	Charlotte Alster	NA
Thursday August 6	24	Microbial activity in alpine soils under climate change: the long-term and short- term response	Federica D'Alò	NA
Thursday August 6	25	Exposing frog embryos to bacterial isolates: Colonization order impacts structure of the tadpole microbiome	Korin Rex Jones	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85630.htm
Thursday August 6	26	The contribution of foliar fungi to agricultural soil microbiomes in an organic cropping system	Derek R. Newberger	https://eco.confex.com/eco/2020/meetingapp.cgi/Paper/84882
Thursday August 6	27	Can arbuscular mycorrhizal fungi protect <i>Rubus ideaus</i> from the effects of soil-borne pests and pathogens?	Erika Whitney	https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86623.htm

