



Bearnstow

On Parker Pond, Mount Vernon, Maine

A Natural History Week at Bearnstow

June 18–22, 2018

Program for Tuesday, June 19, 2018

MORNING SESSION: 10:30 A.M.

“Plant Mating Systems and Strategies”

Eric Jones, Assistant Professor of Botany, University of Maine at Machias

Bryophyte with sporophytes



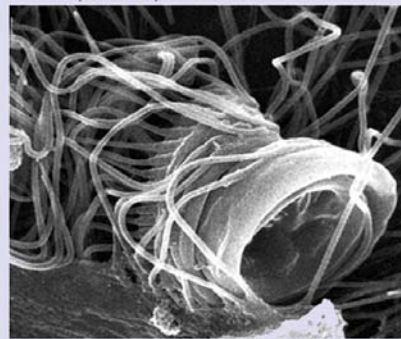
Flexistily in Zingiberaceae



Pinus pollen



Ceratopteris sperm cell



Plants reproduce in myriad ways, and the ecological and genetic consequences of their reproductive methods have been the subject of study of naturalists for thousands of years. This still vibrant field of research provides an amazing glimpse into the lives of these sessile organisms. During the morning session, Dr. Jones will present an overview of plant mating systems and strategies, replete with photos and video of these enigmatic processes. Specimens and hands-on activities will augment the material being presented.

AFTERNOON SESSION: 1:30 P.M.

Woods Walk with Eric Jones

A walk in the woods of the Bearnstow camp will focus on methods used by plants for reproduction. We will experience the methods used for reproduction by the great diversity of plants found at the Bearnstow camp from mosses to flowering plants.



Eric Jones graduated from Florida State University in 2012 with a Ph.D. in biological sciences, studying plant mating system evolution in the genus *Houstonia* (Rubiaceae, the coffee family). Eric's interests are in biodiversity and botany in the broad sense. His background in botany ranges from molecular biology to phylogenetics and development. He is currently Assistant Professor of Botany at the University of Maine at Machias where he teaches courses in general botany, plant systematics, plant ecology, general ecology, algal biology, and phylogenetic methods. Eric is also the curator of the UMM Herbarium, which houses collections of vascular and non-vascular plants and marine macroalgae.

Admission is free, but contributions for the nature walks and presentations are greatly appreciated. Please reserve for any event by calling 207-293-2280 after June 15. Lunch is also available (\$10). Bearnstow is located at 84 Bearnstow Road in Mount Vernon, Maine.