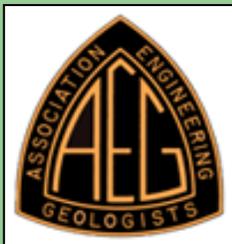




# HAGS/AEG – Meeting Announcement

Thursday, May 10, 2018 6:30 p.m.

## Amber, copal, and plant exudates: the sticky stuff that many plants ooze



**Presented by:** Dr. Jorge Santiago-Blay, Department of Paleobiology, National Museum of Natural History, Smithsonian Institute.

**Abstract:** Many plants produce organic materials – called exudates - out their surfaces. Through carbon-13 solid state nuclear magnetic resonance spectroscopy, it has been discovered that there are three major categories of plant exudates - resins, gums, and phenolics. Fossilized resins are known as amber, the oldest of which has been dated to the Carboniferous period. Resins provide an insight to scientists with respect to paleoclimates, and allow for the study of ancient animal species which become entombed in the substance. In this talk, the speaker will explain the basics of plant exudates, their classification, cultural uses, chemistry, and how they are studied.

**Speaker Bio:** Dr. Jorge A. Santiago-Blay completed his BS and MS in Biology, with emphasis in zoology, at the University of Puerto Rico. In 1990, he completed his MA in Botany and PhD in Entomology at the University of California at Berkeley. His professional career has had three simultaneous facets: research, teaching, and administration. Since 1998, he has pursued his research interests in arthropods and plants as a Research Associate in the Department of Paleobiology at the National Museum of Natural History (Washington, DC). Also, he is a faculty member at different universities, including serving as a Lecturer at The Johns Hopkins University. In addition, he serves as Editor-in-Chief of *Life: The Excitement of Biology* (<https://blaypublishers.com>).

### Meeting Location:

AEG Offices  
441 Friendship Road  
Harrisburg, PA  
(not far from Bass Pro Shops)

Dinner at 4:45 – 6:15  
Fiesta Mexico  
3957 Paxton Street  
(between Ruby Tuesday  
and Nissan dealership)

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[www.aegweb.org/](http://www.aegweb.org/)



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**RSVP for dinner & meeting by no later than noon Tuesday, May 8, 2018.**

RSVP Amy Randolph at [secretaryhags@gmail.com](mailto:secretaryhags@gmail.com) or 717.395.3181.

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