

[Start](#) | [Author Index](#) | [View Uploaded Presentations](#) | [Meeting Information](#)

2015 GSA Annual Meeting in Baltimore, Maryland, USA (1-4 November 2015)

Paper No. 44-6

Presentation Time: 9:00 AM-5:30 PM

STANDARD PALYNOLOGICAL SLIDES FROM CONTEMPORARY FLOWERS OF DHAKA, BANGLADESH

HAQUE, Syeda Jesmin, Stratigraphy and Biostratigraphy Branch, Geological Survey of Bangladesh, 153, Pioneer Road, Segun Bagicha, Dhaka, Building-Uttara, Flat-S3, Government Officer's Quarter, Circuit House Road, Ramna, Dhaka, 1000, Bangladesh and RAHMAN, S.M. Habibur, Stratigraphy and Biostratigraphy Branch, Geological Survey of Bangladesh, 153, Pioneer Road, Segun Bagicha, Dhaka, Dhaka, 1000, Bangladesh, juthi_n@yahoo.com

Palynological study plays a key role in the field of stratigraphy and biostratigraphy discipline for reconstructing palaeoenvironment, depositional history, climate change and also presence of hydrocarbon. The purpose of this paper is to prepare a pollen catalogue of different modern flora and fauna in some areas of Dhaka city, Bangladesh since most of the flora and fauna of Holocene time are more or less similar with the modern herbs, shrubs and trees. So, it helps scientist to identify the ancient palynological zone as well as paleo-environment. Known live vegetation samples were being collected from different garden of Dhaka city. Live samples were preserved in refrigerator and then analyzed via acetolysis process. Samples were analyzed under the microscope in 40x and 100x. The pollen of different taxa with reference slide samples as well as field being recorded with local and botanical name of flowers. This pollen catalogue can contribute to the academicians and professionals in the field of holocene pollen and assist them to identify the paleo-environment of Bangladesh, the largest delta of the globe.

Handouts

[Presentation final last for conf.pdf](#) (4.3 MB)

Session No. 44--Booth# 356

[T146. Palynology \(Posters\)](#)

Sunday, 1 November 2015: 9:00 AM-5:30 PM

[Exhibit Hall \(Baltimore Convention Center\)](#)

Geological Society of America *Abstracts with Programs*. Vol. 47, No. 7, p.141

© Copyright 2015 The Geological Society of America (GSA), all rights reserved. Permission is hereby granted to the author(s) of this abstract to reproduce and distribute it freely, for noncommercial purposes. Permission is hereby granted to any individual scientist to download a single copy of this electronic file and reproduce up to 20 paper copies for noncommercial purposes advancing science and education, including classroom use, providing all reproductions include the complete content shown here, including the author information. All other forms of reproduction and/or transmittal are prohibited without written permission from GSA Copyright Permissions.

[Back to: T146. Palynology \(Posters\)](#)

[<< Previous Abstract](#) | [Next Abstract >>](#)
