

ExSA_Pre2 Nama Group geology and Ediacaran fossils

Coinciding with the late stage of the orogenys that welded together the Gondwana supercontinent, a huge sedimentary basin developed in southern Namibia and accommodated the molasse derived from the uplifted orogenic areas. The shallow sea that formed would become the scene of early life growing up, as more complex creatures developed in a World that hitherto only knew single-celled life. As a result, the Nama Group hosts the fossil remains of some of the World's oldest known multi-cellular organisms, the metazoan communities of the so-called Ediacaran age. This field trip is specifically aimed at studying the environments of the life forms of the Ediacaran fauna in the Nama Group sediments of the terminal Proterozoic (terminal Ediacaran). The trip will concentrate on the south of Namibia, and the sedimentology of the Nama Group will be explained on the way from Windhoek. The terminal Ediacaran fossils at the national heritage site of farm Aar, other important outcrops, and will be shown. The excursion will also include a scenic visit to the Fish River Canyon.

Field Trip Leaders: Pat Vickers-Rich, Guy Narbonne

Start/end: Windhoek

Date: 5 days, 21-25 August 2016

Cost: \$Namibian 13,890.00

<http://www.35igc.org/Page/206/ExSAPre2-Nama-Group-geology-and-Ediacaran-fossils>

Rate includes:

-Accommodation for 4 nights in a single room in mid-class hotels in Aus and Keetmanshoop.

-Meals

-air-condition tour bus

-3 IGC tour leaders

-Excursion to Farms Aar and Swartpunt

-Visit to Fish River Canyon

-Detailed travel documents, maps, field guide