A new Arabian stone tool assemblage and notes on the Aterian industry of North Africa

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An unusual stone tool assemblage, reported for the first time in the Arabian Peninsula, occurs at the southwest edge of the Rub‘al Khali desert. The assemblage is characterized by large, unifacially worked, prominently tanged points and scrapers. An age of between about 20,000 and 35,000 years B.P., when the Rub‘al Khali was a well-watered grassland, is likely. Typological affinity with the Aterian stone tool industry of North Africa is suggested. Aterian toolmakers were a vigorous population of desert hunters, ranging over much of North Africa and the Sahara during a wet phase of the late Pleistocene. Pursuit of animals running in herds may have been a hunting strategy reflected in some of the Aterian and Arabian tools. Typology of the tanged tools and the palaeogeographic context in which they occur suggest certain specific functional usage.