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Stone structures in the Syrian Desert

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Stone structures in the Syrian Desert / Sparavigna, Amelia Carolina. - In: ARCHAEOGATE. - ISSN 1973-2953. - ELETTRONICO. - 14-7-2011(2011).

Availability: This version is available at: 11583/2429376 since:

Publisher: I.I.C.E. - Istituto Italiano per la Civiltà EgiziaVia Massena, 52/A - 10128 Torino

Published DOI:

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Fig. 4: A stone circles in Syrian

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announced last year that Robert Mason, archaeologist of the Royal announced last year that Robert Mason, archaeologist of the Royal Ontario Museum, discovered what we can define as a Syrian Stonehenge [12]. The site, near the Deir Mar Musa al-Habashi monastery, is composed by some tombs and stone circles. From the stone tools he found there, it's likely that the structure dates from the Middle East's Neolithic Period, roughly ranging from 8500 BC to 4300 BC. In Western Europe, the first structures built of stone date back approximately to 4500 BC. The Syrian site is then quite older than the European sites. Edward Banning of the University of Toronto says that more fieldwork is necessary because it is possible that the landscape that Robert Mason has identified could be an example, in the Neolithic period, of burial practices out of the settlement, that is, an off-site cemetery [12].

The report in [12] is continuing with a suggestion by Julian Siggers, of the Royal Ontario Museum. Remembering that agriculture spread from the Near East to Europe, he is proposing the possibility that the stone landscapes, that is the creation of stone circles, had travelled with agriculture. On the other hand, Banning is replying that stone structures are found throughout the world and that people in Western Europe could have developed the stone landscapes independently of the people in Middle East. According to Edward Banning, the site studied by Mason is not unique [12,13]. "Archaeologists have detected, via satellite photos, what appear to be cairns and stone circles in other areas, including the deserts of Jordan and Israel. However, he admits that most of these things have not received a lot of archaeological investigation " of archaeological investigation.

It is quite interesting what Ref.12 is telling, that the satellites are all of them, and then many sites are not receiving specific investigation. We can check by ourselves the dispersion of stone circles in the Syrian Desert, using the Google Maps or Acme Mapper, for instance. Here again, these map services are excellent to reveal the landscapes of the past. From Fig.4 to Fig.8, I am proposing some images of stone circles, sometimes with radial structures inside. There are also complexes composed by several structures (for a collection of images see [14]). To study and date these petroforms [15], a huge fieldwork in the desert is necessary, requiring time and financial supports. The satellite imagery, as the Google Maps are clearly demonstrating, is a quite good source of information to locate the sites, propose their preservation and then plan the archaeological events. expeditions, perhaps with the support of contemporarily geophysical researches, which are surely performed in this area full of oil resources.

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13. A web-site, 27 March 2011, http://www.stonepages.com, published the news of a 11,000-year-old settlement unearthed in Syria. A Syrian-French archaeological mission unearthed a small village in the archaeological site of Tel Qarasa in the west of Swaida province dating back to around 11,000 years. The search conducted at the site over the last two years allowed the archaeologists to discover a tiny village of 8 round houses whose inhabitants depended on fishing and growing cereal crops and wild fruits for their living. The Syrian-French mission said the excavations have revealed 522 archaeological sites in al-Lajat region from the ancient historical periods of the 7th millennium BCE, among which was Tel Qarasa. More 14. images

Desert. The images have been adapted from the Google Maps.

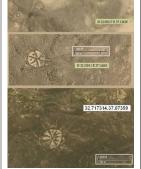


Fig. 5: Other stone circles in Syrian Desert. The images have been adapted from the Acme Mapper.

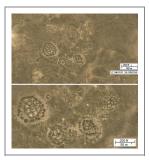


Fig. 6: Stone lands cape in Syrian Desert. The images have been adapted from the Google Maps. Note the "dots" that are surrounding the circular complexes.



Fig. 7: Stone circles with radial structures. The images have been adapted from the Google Maps



Fig.8: Mounds, lines of dots and circles in this stone landscape. The image has been adapted from the Google Maps. The visibility of the stone structures has been adjusted with image processing software.

https://sites.google.com/site/syriandesertsatelliteimagery/ According to Wikinedia desert kites and stone circles can be

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