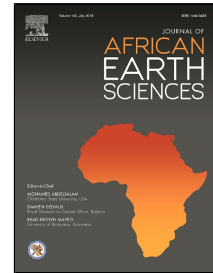


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Geoheritage of the Neyriz ophiolite-related radiolarite sequence (Cretaceous; southwest Iran): First report and evaluation in regional and global contexts

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1 **Geoheritage of the Neyriz ophiolite-related radiolarite sequence (Cretaceous; southwest**
2 **Iran): First report and evaluation in regional and global contexts**

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14 ABSTRACT

15 Ophiolites and related sedimentary rocks are valuable geological archives. In the
16 Zagros Fold-Thrust Belt, the Neyriz ophiolite and the related Pichakun radiolarites have been
17 well-known for decades and studied intensively. Field investigations of these radiolarites
18 near Neyriz town and review of the already published knowledge permit to realize that these
19 rocks provide outstanding (for the territory of Iran) sedimentary, palaeogeographical,
20 palaeontological, and tectonic information that has been employed historically for studies of
21 ophiolitic assemblages of the Zagros. This evidence implies the national uniqueness of the
22 Pichakun radiolarites. The Abbarik section exhibiting these rocks overlain unconformably by
23 the Tarbur limestones is selected as a representative geosite of the potential geoheritage.
24 This geosite can be interesting to researchers, educators, and (geo)tourists. Aesthetic
25 properties of the geosite are determined by colour and pattern. Together with the other

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