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# Sclerobiont Assemblages on Macro-Invertebrates from the Cenomanian Strata of Djebel Bouarif (Aurès Range, Algeria)

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**Abstract :** The ichnological study of the Djebel BouarifCenomaniandeposits(Northern Aurès Range, Algeria) revealed relatively abundant and diverse sclerobiont communities that are preserved in corals, bivalves, and gastropods ; all are described herein. Fossil traces are dominated by exceptionally preserved Gastrochaenolitesoften with tracemakers (bivalves), which are preserved in situ, Entobia, and Maeandropolydora. Other borings are rare and are represented by a single specimen of Rogerella, Nihilichnus, and Spirolites. Amongsclerozoans, encrustingjuvenile oysters, and non-oyster bivalves (Pseudolimea?granulata) are the mostabundant groups. Otherepibionts, such as gastropods and polychaetes (Glomerulaserpentina), are lesscommon; dwarfgastropods were located on a single oyster Costagyraolisiponensis, whereas Glomerula specimens were clustered on the lower and upper surfaces of coral Aspidiscuscristatus. Gastrochaenoliteswith original tracemakers and all the epibionts studied herein have not been described from the Djebel BouarifCenomaniandeposits to date. The rare occurrences of Spirolites and Nihilichnus are reported from Algeria for the first time.

**Keywords :** bioerosion, sclerobionts, upper creataceous, southern tethys, atlasic domain
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