

# Accepted Manuscript

Late Cretaceous palynoflora from the central part of the Adriatic Carbonate Platform (Islands of Hvar and Šćedro), southern Croatia

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PII: S0195-6671(16)30330-5

DOI: [10.1016/j.cretres.2017.02.003](https://doi.org/10.1016/j.cretres.2017.02.003)

Reference: YCRES 3526

To appear in: *Cretaceous Research*

Received Date: 10 November 2016

Accepted Date: 6 February 2017

Please cite this article as: Firi, K.F., Bercovici, A., Shevchuk, O., Sremac, J., Late Cretaceous palynoflora from the central part of the Adriatic Carbonate Platform (Islands of Hvar and Šćedro), southern Croatia, *Cretaceous Research* (2017), doi: 10.1016/j.cretres.2017.02.003.

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1 **Late Cretaceous palynoflora from the central part of the Adriatic Carbonate Platform**  
2 **(Islands of Hvar and Šćedro), southern Croatia**

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15 **Abstract:** This paper provides the first palynological data from four Upper Cretaceous  
16 localities from the Islands of Hvar and Šćedro (southern Croatia), in the central part of the  
17 Adriatic Carbonate Platform. Studied material represents palynomorphs produced by coastal  
18 vegetation and transported to the shallow marine platform areas. Determined vegetation  
19 includes diverse hygrophilous, understory vegetation, range of evergreen needle trees  
20 attributable to Pinaceae and Podocarpaceae, as well as Araucarian conifers; ginkgo, cycads  
21 and/or bennettites. Flowering plants were likely represented by herbaceous forms. The  
22 palynoflora is generally indicative of a temperate, warm and humid climate. The occurrence  
23 of the Normapolles group with the presence of *Plicapollis* sp. and *Pseudoculopollis* sp. point  
24 to Turonian or probable Turonian–Coniacian age, and represent the southernmost record of  
25 occurrence within the Normapolles palynological province. Dominance of angiosperms and

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