

Supplementary online materials for

## **Stripping back the Modern to reveal Cretaceous climate and temperature gradient underneath**

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### **Contents**

- Supplementary Figures S1
- Supplementary Tables S1

Table 1 : Description of the PFTs and corresponding theoretical latitudinal distributions

N°	Description	Latitudinal range (North and South) and proportion
1	Bare soil	20° to 35° → 100%
2	Tropical broad-leaved evergreen	0° to 15° → 75%
3	Tropical broad-leaved raingreen	0° to 15° → 25%
4	Temperate needleleaf evergreen	Absent
5	Temperate broad-leaved evergreen	35° to 50° → 70%
6	Temperate broad-leaved summergreen	35° to 50° → 30%
7	Boreal needleleaf evergreen	Absent
8	Boreal broad-leaved summergreen	50° to 80° → 100%
9	Boreal needleleaf summergreen	80° to 90° → 100%
10	C3 grass	15° to 20 ° → 100%
11	C4 grass	Absent
12	C3 agriculture	Absent
13	C4 agriculture	Absent

Figure S1 : Anomaly of zonal annual average of relative humidity (blue curve) and low cloudiness (green curve) for 4X-CRETACEOUS and 4X-NI-PFT-SOIL-SOLAR simulations.

