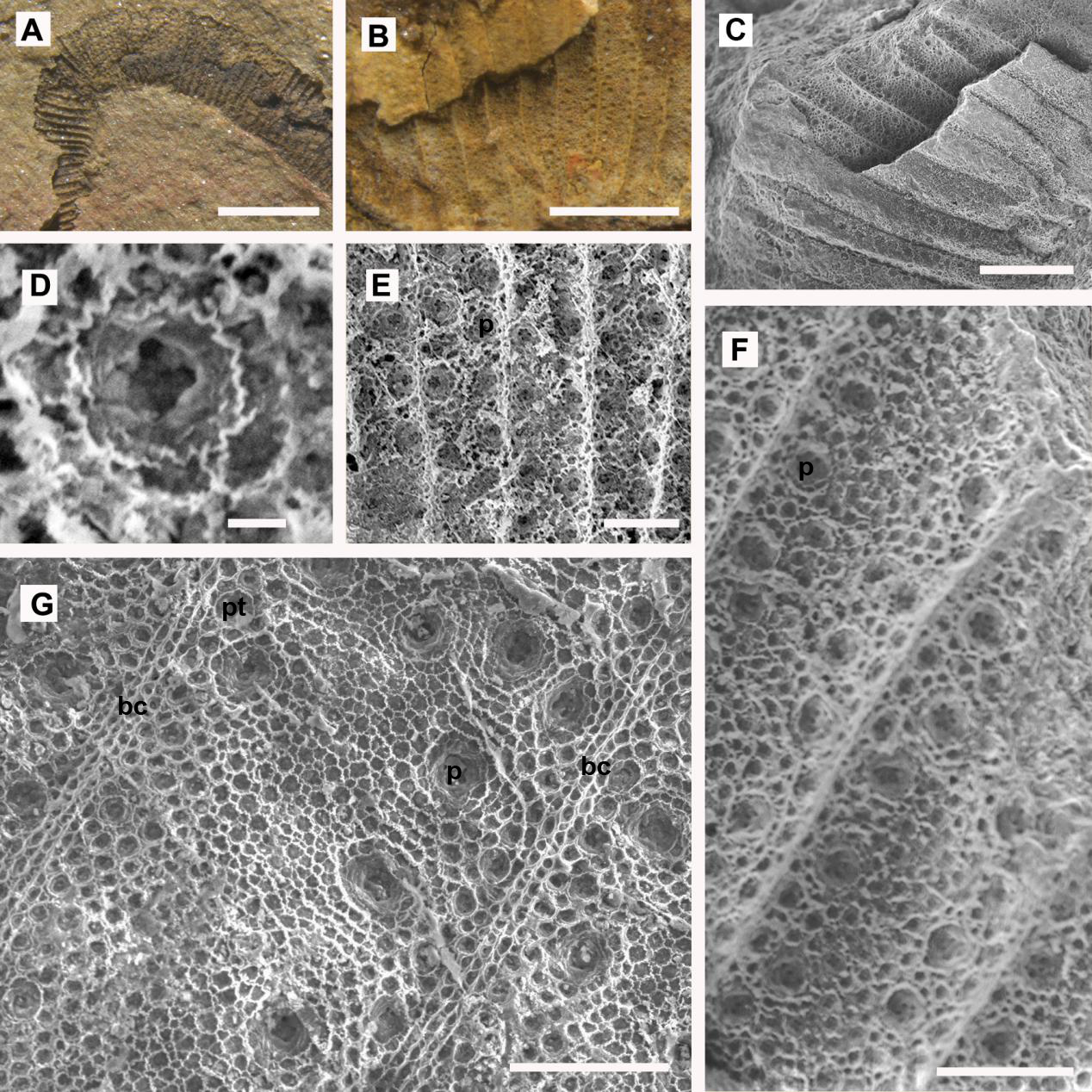
**Supplemental information**

**Figure S1 |The developmental sequence of *Jinia rosettea* gen. et sp. nov. A,** GRCP 14002, the *Jinia rosettea* at early developmental stage*.* **B,** GRCP 14003a, the *J. rosettea* at later developmental stages*.* **C,** GRCP 14003b, SEM images show the thickness of the cuticle. **D,** zoom in of the plate of E. **E,** the morphology of the rings of GRCP 14001. **F,** the morphology of the rings of GRCP 14003b. **G,** the morphology of the rings of the developed specimen GRCP 14004. Scale bars：A-C 1 mm；D 10 μm; E-G 200 μm. Abbreviation: bc: boundary cell; p: plate; po: polygon; pt: platelet.

**Figure S1 related to Figure 1**