



## ***Apianella* nom. nov. (Dasycladales, Triploporellaceae):**

### **New name for the preoccupied algal genus *Apinella* GRANIER *et al.*, 1986**

The name *Apinella* GRANIER *et al.*, 1986, which was preoccupied by *Apinella* RAFINESQUE, 1840, a genus of Umbelliferae/Apiaceae, is replaced here by *Apianella* GRANIER & MICHAUD, nom. nov.

**Order Dasycladales PASCHER, 1931**  
**Family Triploporellaceae (PIA, 1920)**  
**Tribe Salpingoporellae**  
**BASSOULLET *et al.*, 1979**  
**Genus *Apianella* nom. nov.**  
pro "*Apinella* GRANIER *et al.*, 1986"

**Etymology.** The prefix a- should be seen either as "alpha privative" or as derived from the Latin "ab". *Apinella* was an anagram of "*Pianella* RADOIČIĆ, 1962". Both "*Pianella*" and *Apianella* are dedicated to Julius PIA. **Type species.** "*Apinella jaffrezoi* GRANIER *et al.*, 1986", see below. **Diagnosis.** Alga with a cylindrical thallus bearing simple calcified whorls (euspondyl) close together with alternating laterals of the first order only. The reduced number of laterals per whorl, their very short calcified length, their transverse compression and their strong swelling beyond a short proximal narrowing characterize the species grouped in this new genus (translated from GRANIER *et al.*, 1986).

#### ***Apianella jaffrezoi* nom. nov.**

pro "*Apinella jaffrezoi* GRANIER *et al.*, 1986"

**Etymology.** This species was dedicated to Michel JAFFREZO. **Holotype.** Pl. 1, fig. a –center- in GRANIER *et al.* (1986), from petrographic thin section no. MX 84-45 (1), stored at the "Faculté des Sciences de Lyon", Claude Bernard University Lyon 1 with FSL number 147737. **Diagnosis.** Alga representative of the genus *Apinella* characterized by 1) few – 4, rarely 3 – laterals per whorl, 2) their very short calcified length, 3) their hexagonal

transversely compressed display, and 4) their eccentric location of the proximal narrowing (translated from GRANIER *et al.*, 1986), which corresponds to a pore connected to the main axis. **Locality.** Rio Negro, Chiapas (Mexico), GPS: 16°54'00"N 93°50'30"W; San Ricardo Formation, Kimméridgian.

**Other species.** *Apianella hispanica* CONRAD in CONRAD & GRÁBNER, 1975, comb. nov. (synonymy list in GRANIER & JAILLARD, 2018).

#### **Bibliographic references**

- GRANIER B. & JAILLARD É. (2018).- First record of Cretaceous calcareous algae on the Pacific margin of South America (Peru).- *Ameghiniana*, Buenos Aires, vol. 55, p. 75-90.
- GRANIER B., MICHAUD F. & FOURCADE É. (1986).- *Apinella jaffrezoi* n. gen. n. sp., algue dasycladacée du Kimméridgien du Chiapas (Sud-Est du Mexique).- *Géobios*, Villeurbanne, vol. 19, no. 6, p. 801-813.
- RADOIČIĆ R. (1962).- O jednoj novoj gornjojurskoj dazikladacei *Pianella grudii*, nov. gen., nov. spec.- *Zavod za geološka i geofizička istraživanja* (Serija A: Geologija), Beograd, Knjiga XX, p. 190-199 & 201-210 (Pls. I-III).
- RAFINESQUE C.S. (1840).- The good book, and amenities of nature, or, Annals of historical and natural sciences : Containing selections of observations, researches, and novelties in all the branches of physical and historical knowledge, with letters of eminent authors, chiefly on zoology, botany, agronomy, geognosy, ethnography ... or organized beings and fossils, nations and languages.- Eleutherium of Knowledge, Philadelphia, 94 p. URL: <https://archive.org/details/101203231.nlm.nih.gov>

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