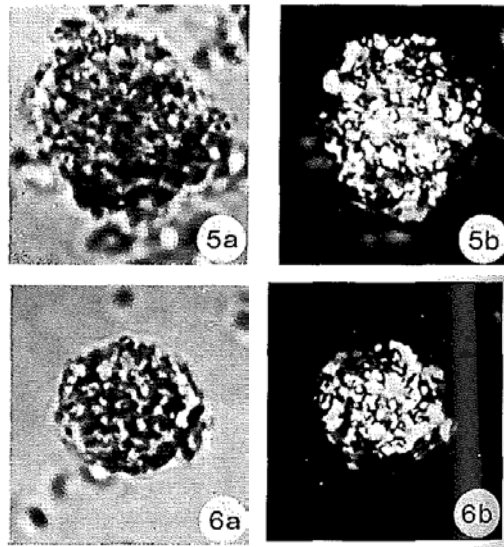


182. *Prinsiosphaera triassica* Jafar (1983) *punctata* Jafar (1983)



Figs 7-5, 7-6

**Derivation of name:** After the dotted appearance of the nannofossil.

**Holotype:** Figs. 7-5a-b; coordinates: 71.2/19.1 (slide: "Cassianer Schichten").

**Paratype:** Figs. 7-6a-b; coordinates: 71.2/20.3 (slide: "Cassianer Schichten").

**Type level:** "Cassianer Schichten", lower Carnian (sample: Cassianer Schichten).

**Type locality:** "Cassianer Schichten", Misurina, Dolomites.

**Description:** The nannofossils are of circular outline and covered with tiny dots which under crossed nicols show dark and bright points.

**Dimensions:** Diameter: 10.0 microns.

**Remarks:** Under crossed nicols, this subspecies is quite characteristic in showing a mosaic of finely textured extinction lines enclosing dark and bright points. Only in the sample from the "Cassianer Schichten" this subspecies was frequently recorded; at younger levels it was recorded as scarce in the basal sample from the *Rh. suessi* ammonite zone (Fig. 4). The other elements associated with this form in the original sample from the "Cassianer Schichten" were: rare *Archaeopontosphaera primitiva* n. g., n. sp., and abundant *Tetralithus cassianus* n. sp., since horizons older than lower Carnian were not searched, it is likely that it may be occurring at lower levels as well.

Jafar, S.A., 1983. Significance of Late Triassic calcareous nannoplankton from Austria and Southern Germany. *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen*, **166(2)**: 218-259.