

## Graptolites from the Danyang area and their biostratigraphical meanings

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### ABSTRACT

Early Ordovician (Late Tremadoc) Graptolites are first described from two sections in the vicinity of Eosangcheon, Danyang area, Korea: the Daejeonri and Seokgyori Sections, which is included in the Mungok Formation. They are composed of two species belonging two genera, including *Psigraptus jacksoni* Rickards and Stait, 1984 and *Adelograptus* cf. *A. tenellus* Linnarsson, 1871.

The strata containing graptolites are correlated with the lower part of the Dumok Member of the Mungok Formation from which late Tremadoc trilobite corresponding to the *Shumardia* zone was previously reported. The *Psigraptus jacksoni* horizon of the Danyang area can be correlated with early Late Tremadoc strata of Tasmania in Australia, of Yukon in Canada, and of Jilin in Northeast China.

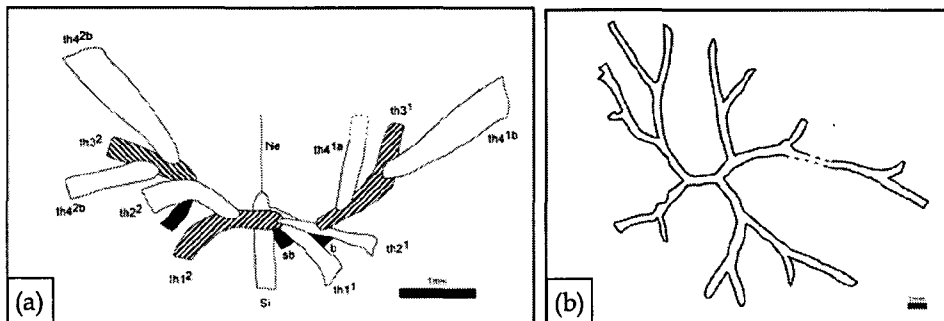


Figure 1. Graptolites from the Danyang area. (a) *Psigraptus jacksoni*, (b) *Adelograptus* cf. *A. tenellus*.

**Key words** : graptolite, Ordovician, Mungok Formation, correlation, Danyang.