

## **Tremadoc Graptolites from the Mungog Formation in Youngweol Area, Korea**

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Nine species of anisograptids, dendrograptids, and callograptids are firstly recognized from the three beds of the Mungog Formation in Yeongweol area, Korea. The lower bed, which is composed of lime mudstone intercalated with nodular to planer limestone, yields anisograptids including *Psigraptus lenzi*, *P. jacksoni*, *P. sp.* and *Clonograptus sp.* The middle packstone bed also contains anisograptids including three different types of *Clonograptus spp.* and the upper marlstone bed yields two types of *Callograptus spp.* and *Dendrograptus sp.* These fossils allow to divide the Mungog Formation into three Graptolite Zones as *Psigraptus* Zone, *Clonograptus* Zone and *Dendrograptus* Zone in ascending order. The fossils indicate that graptolite-bearing beds of the Mungog Formation are lower Tremadoc of the European in geologic age and can be correlated with the Zone  $L_{1.5}$  of the Australasian graptolite zonation.