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**DISCOVERY OF LOWER DEVONIAN DACRYOCONARID BED FROM HILL B GUAR
JENTIK, PERLIS: ITS SIGNIFICANCE AND IMPLICATIONS**

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ABSTRACT: The Lower Devonian dacryoconarid bed has been found in Hill B at Guar Jentik, Perlis. This fossiliferous bed is stratigraphically overlying the biomicritic limestone lenticle, which is located at the lower part of Hill B. Dacryoconarid bed contains *Nowakia acuaria* and *Styliolina* sp. Besides, *Monograptus* sp. and *Plectodonta forteyi* were also found in this layer. *Nowakia acuaria* and *Plectodonta*

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forteyi are important biostratigraphic index fossils indicates the age of dacryoconarid bed is from late Pragian to early Emsian. Dacryoconarids are randomly oriented and abundant at the top of the limestone especially at the contact between the limestone and the dacryoconarid bed. Dacryoconarids are very rare in the middle part of the limestone. This indicates that the limestone bed at Hill B is older than Pragian. It is probably the upper part of the Setul Formation. The Devonian sequence at Hill B represented by thinly bedded mudstone and dacryoconarid bed suggests a very slow deposition or non-deposition during Middle and Late Devonian.

ABSTRAK: Lapisan dacryoconarid yang berusia Devon Bawah telah dijumpai di Bukit B Guar Jentik, Perlis. Lapisan kaya fosil ini secara stratigrafi menindih kekanta batu kapur biomikrit, yang terletak di bahagian bawah Bukit B. Lapisan dacryoconarid terdiri daripada *Nowakia acuaria* dan *Styliolina* sp. Selain daripada itu, *Monograptus* sp. dan *Plectodonta fortleyi* juga dijumpai dalam lapisan ini. *Nowakia acuaria* dan *Plectodonta fortleyi* adalah fosil index biostratigrafi yang penting dalam menunjukkan lapisan dacryoconarid berusia dari Pragian Akhir ke Emsian Awal. Dacryoconarids wujud dalam pelbagai orientasi dan banyak di bahagian atas batu kapur terutamanya di sentuhan antara batu kapur dan lapisan dacryoconarid. Dacryoconarids sangat jarang di bahagian tengah batu kapur. Ini menunjukkan lapisan batu kapur di Bukit B adalah lebih tua dari Pragian. Kemungkinan ini merupakan bahagian atas Formasi Setul. Jujukan Devon di Bukit B yang diwakili oleh lapisan nipis batu lodak dan lapisan dacryoconarid mencadangkan pengendapan yang perlahan atau tiada pengendapan semasa Devon Tengah dan Devon Akhir.