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COMPARISON OF LATE DEVONIAN MIOSPORE ASSEMBLAGES FROM BYELORUSSIA  
AND WESTERN EUROPE

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A comparison of the miospore zonation recently published in Byelorussia (Avchimovitch *et al.* 1988) and in Western Europe (Streel *et al.* 1987) is in progress. The revision of the species obviously occurring in both areas (i.e. the *Grandispora* complex) and the recognition of the first occurrence of selected species in Byelorussia where the zonation was so far based on assemblage-acme zones allow accurate correlation, sometimes supported by conodont data.

Aside many species found in both areas, there are also many which are restricted to only one of these two areas especially during the Frasnian and early-middle Famennian (until the conodont *marginifera* Zone) when the diversity of the assemblages known in Byelorussia seems to be significantly higher than in western Europe. During the late Famennian, the assemblages of miospores are more similar in both areas suggesting probably more affinities of the respective climatic conditions.

Avchimovitch, V.I., Nekryata, N.S. & Obukhovskaya, T.G., 1988-  
Devonian palynostratigraphy of the Pripjat Depression,  
Byelorussia. *in* The Devonian of the world, I, 559-566.

Streel, M., Higgs, K., Loboziak, S., Riegel, W. & Steemans, P.,  
1987- Spore stratigraphy and correlation with faunas and floras  
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*Review of Palaeobotany and Palynology*, 50, 211-229.