EARLY CARBONIFEROUS STRATIGRAPHY

LIEGE 1993

MEETING PROGRAM
AND
ABSTRACTS

M. STREET, Editor

UNIVERSITE DE LIEGE
1817-1992

8-10 June, 1993

Published in Liège, Belgium
(Service associées de paléontologie de l'ULg)
COMPARISON OF LATE DEVONIAN MIOSPORE ASSEMBLAGES FROM BYELORUSSIA AND WESTERN EUROPE

V. AVCHIMOVIČ
Belnigrí, Storoborisovsky trakt 14, 220114 MINSK, Byelorussia

K. HIGGS
University College, Geology, CORK, Ireland

S. LOBOZIAK
Paléobotanique, Université des sciences et technologies de Lille, URA CNRS 1365, F-59655 VILLENEUVE D'ASCQ, France

T. OBUKHOVS'KAJA
Belnigrí, Storoborisovsky trakt 14, 220114 MINSK, Byelorussia

M. STEMPIEN
Acad. des sciences polonaise, Sciences géologiques, ul. Zwirki i Wigury 93, 02-089 WARSZAWA, Poland

M. STREELE
Paléontologie, Université de Liège, 7, place du Vingt-Aout, B-4000 LIEGE, Belgium

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 marginitida 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 Pripyat Depression, Byelorussia. in The Devonian of the world, I., 559-566.