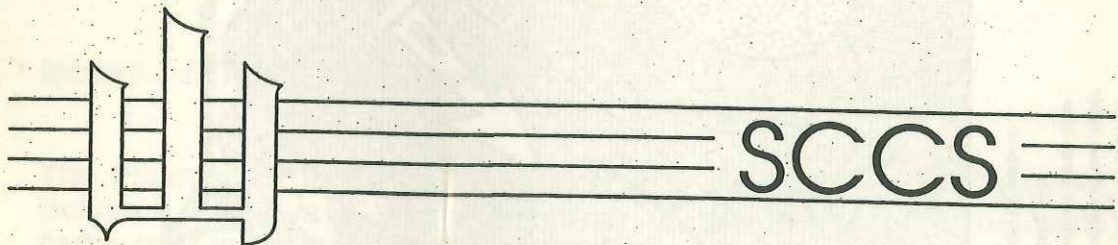


**International Union of Geological Sciences
Commission on Stratigraphy**

Subcommission on Carboniferous Stratigraphy (SCCS)



**LATE FAMENNIAN TO NAMURIAN
IN THE EASTERN ARDENNE, BELGIUM**

GUIDEBOOK

Miospores from the uppermost part of the Comblain-au-Pont beds

M. Streef

Retispora lepidophyta is present in most samples, even in the highest where the assemblage is very poor and where the palynofacies indicates a rather oxygenated environment of deposition.

The occurrence of *Hymenozonotriletes explanatus* in beds 42 and 45 suggests that these assemblages belong to the LE (*lepidophyta-explanatus*) Zone.

The LE Zone is also known in the highest levels of the Wocklumer Kalk in the auxiliary stratotype of Hasselbachtal in Germany, high in the conodont lower *praesulcata* Zone.

- Bed 58: *Retispora lepidophyta* (including several fragments),
Gorgonisphaeridium div. sp.,
 Leiosphaeridae,
 large fragments of opaque wood and cuticle
- Bed 51: Many fragments of opaque wood,
 Leiosphaeridae,
 scolecodontes
- Bed 47: *Diducites plicabilis*, *Knoxisporites* sp., *Retispora lepidophyta*,
Gorgonisphaeridium div. sp.,
 Leiosphaeridae, Lophosphaeridae,
- Bed 45: *Aneurospora greggsii*, *Diducites plicabilis*, *Diducites* sp.,
Grandispora echinata, *Hymenozonotriletes explanatus*,
Lophozonotriletes triangulatus, *Plicatispora scolecophora*,
Retispora lepidophyta,
Gorgonisphaeridium div. sp.
 Chitinozoans
- Bed 42: *Aneurospora greggsii*, *Apiculiretusispora verrucosa*,
Archaeozonotriletes minutus, *Camptotriletes paprothii*,
Dictyotriletes fimbriatus, *Diducites mucronatus*,
D. poljessicus, *D. plicabilis*, *D. versabilis*, *Grandispora echinata*,
Hymenozonotriletes explanatus, *Retispora lepidophyta*,
Rugospora radiata, *Verrucosisporites* sp.,
Gorgonisphaeridium div; sp.
 Leiosphaeridae, Lophosphaeridae,

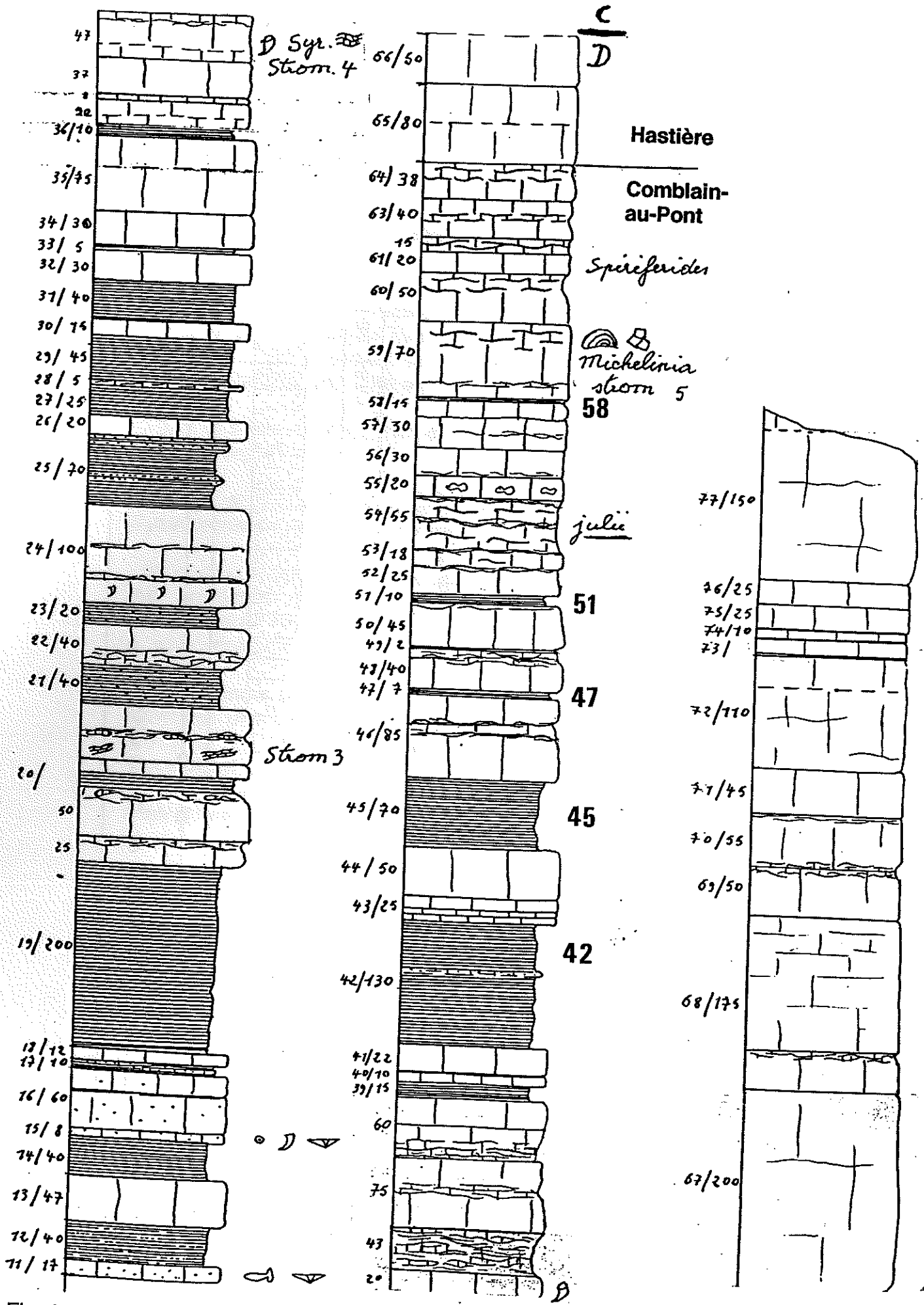


Fig. 37: