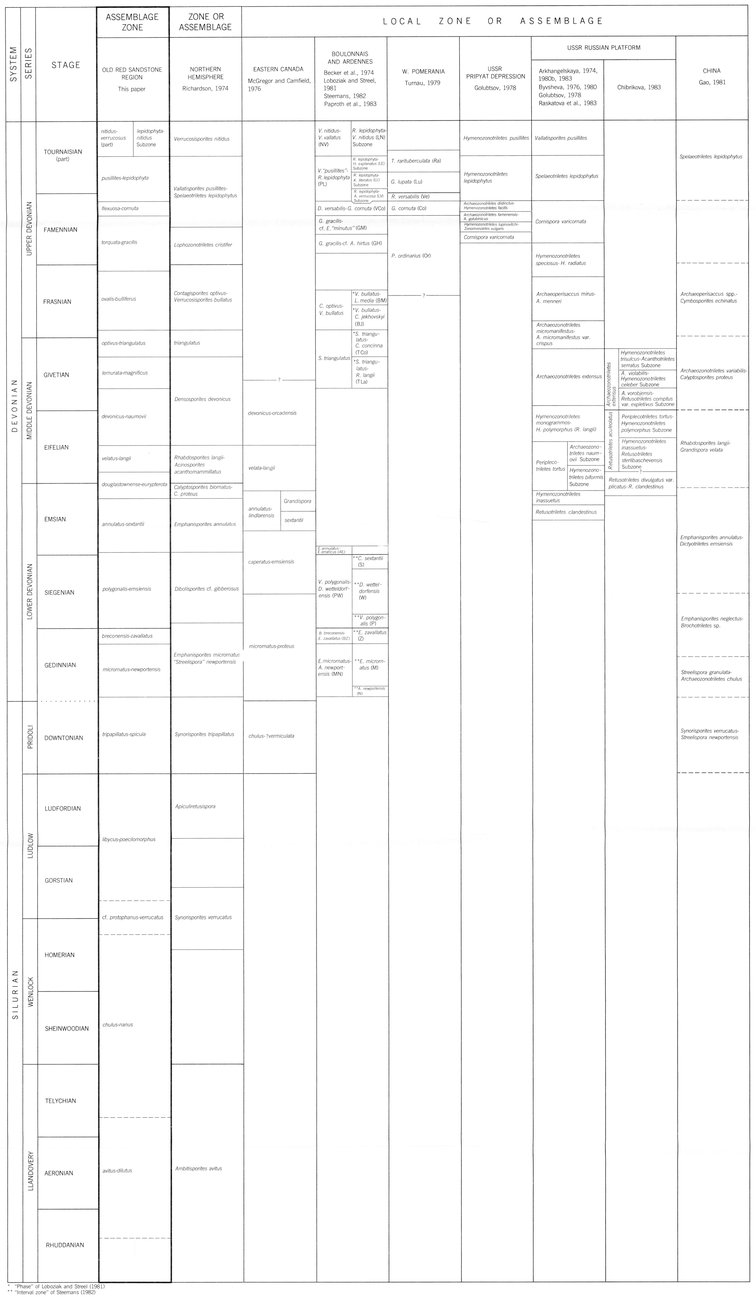
GEOLOGICAL SURVEY OF CANADA COMMISSION GÉOLOGIQUE DU CANADA

DEPARTMENT OF ENERGY, MINES AND RESOURCES
MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES


SYSTEM
SERIES
STAGE
ASSEMBLAGE ZONE
ZONE OR ASSEMBLAGE
LOCAL ZONE OR ASSEMBLAGE
OLD RED SANDSTONE REGION
This paper
NORTHERN HEMISPHERE
Richardson, 1974
EASTERN CANADA
McGregor and Camfield, 1976
BOULONNAIS AND ARDENNES
Becker et al., 1974
Loboziak and Streel, 1981
Streemans, 1982
Paproth et al., 1983
W. POMERANIA
Turnau, 1979
USSR PRIPYAT DEPRESSION
Golubtsov, 1978
USSR RUSSIAN PLATFORM
Arkhangelskiya, 1974, 1980b, 1983
Byvshova, 1976, 1980
Golubtsov, 1978
Raskatova et al., 1983
Chibrikova, 1983
CHINA
Gao, 1981
DEVONIAN
SILURIAN
UPPER DEVONIAN
MIDDLE DEVONIAN
LOWER DEVONIAN
PRIDOLI
LUDLOW
WENLOCK
LLANDOVERY
TOURNAISIAN (part)
FAMENNIAN
FRASNIAN
GIVETIAN
EIFELIAN
EMSIAN
SIEGENIAN
GEDINNIAN
DOWNTONIAN
LUDFORDIAN
GORSTIAN
HOMERIAN
SHEINWOODIAN
TELYCHIAN
AERONIAN
RHUDDANIAN
nidulus-verrucosus (part)
lepidophyta-nidulus Subzone
nidulus-verrucosus
Verrucosisporites nitidus
Verrucosisporites nitidus
Valatisporites pusillites-Speleotriletes lepidophytus
Lophozonotriletes cristifer
Contagisporites optivus-Verrucosisporites bulbatus
Densosporites devonicus
Rhabdosporites langii-Acinosporites acanthomammillatus
Calyptosporites biornatus-C. proteus
Emphanisporites annulatus
Dibolisporites cf. gibberosus
Emphanisporites micromatus "Streelisporia" newportensis
Apiculiretusispora
Synorisporites tripapillatus
Synorisporites verrucatus
Ambitisporites avitus
Hymenozonotriletes pusillites
Valatisporites pusillites
Speleotriletes lepidophytus
Comispora varicornata
Hymenozonotriletes speciosus-H. radiatus
Archaeoperisaccus minus-A. mennerii
Archaeozonotriletes micromanifestus-A. micromanifestus var. crispus
Archaeozonotriletes endensus
Hymenozonotriletes monographimus-H. polymorphus (R. langii)
Hymenozonotriletes insulicus-Acanthotriletes sematus Subzone
A. vestabiles-Acanthotriletes naskinensis Subzone
A. varvatiensis-Retusotriletes corrugatus var. expletivus Subzone
Perplexicristotriletes fortus-Hymenozonotriletes polymorphus Subzone
Hymenozonotriletes maesseltus-Retusotriletes strelitzachevensis Subzone
Perplexicristotriletes fortus
Archaeozonotriletes naumovi Subzone
Hymenozonotriletes polymorphus Subzone
Hymenozonotriletes maesseltus
Retusotriletes clandestinus
Retusotriletes diverjugatus var. plicatus-R. clandestinus
Speleotriletes lepidophytus
Archaeoperisaccus spp.-Cymbosporites echinatus
Archaeozonotriletes variabilis-Calyptosporites proteus
Rhabdosporites langii-Grandispora velata
Emphanisporites annulatus-Dictyotriletes emsiensis
Emphanisporites neglectus-Brachytriletes sp.
Streelisporia granulata-Archaeozonotriletes chulus
Synorisporites verrucatus-Streelisporia newportensis
R. lepidophyta
V. nidulus (LN)
Subzone
R. lepidophyta
H. variabilis (LH)
V. nitidus
Subzone
R. lepidophyta
H. variabilis (LH)
A. deratus (LC)
Subzone
R. lepidophyta
A. deratus
Subzone
T. rariduriculata (RA)
G. lupata (LU)
H. variabilis (VH)
G. cornuta (GO)
P. ordinarius (OR)
V. "pusillites"-R. lepidophyta (PL)
D. versabilis-G. cornuta (VG)
G. gracilis-cf. E. "minutus" (GM)
G. gracilis-cf. A. hirtus (GH)
C. optivus-V. bulbatus
S. triangulatus
V. bulbatus-L. media (BM)
V. bulbatus-C. jekhovskyi (BJ)
S. triangulatus-C. concinna (TCo)
S. triangulatus-R. langii (TLa)
F. annulata-A. analecta (AA)
*C. sextantii (S)
V. polygonalis-D. weitschatensis (PW)
**D. weitschatensis (W)
***P. polygonalis (P)
B. lincoensis-E. zavallatus (BZ)
**E. zavallatus (Z)
E. micromatus-A. newportensis (MN)
***E. micromatus (M)
***A. newportensis (N)
chulus-?vermiculata
micromatus-proteus
velata-langii
caperatus-emsiensis
annulatus-sextantii
Grandispora
sextantii
micromatus-newportensis
chulus-narius
avitus-dilitus
Hymenozonotriletes pusillites
Speleotriletes lepidophytus
Archaeozonotriletes distinctus
Hymenozonotriletes facilis
Archaeozonotriletes lunaensis
R. galdeniae
Archaeozonotriletes lepidophytus
Dicyanotriletes sulcatus
Comisporia varicornata
Archaeozonotriletes variabilis
Calyptosporites proteus
Rhabdosporites langii
Retusotriletes diverjugatus var. plicatus
Emphanisporites annulatus
Emphanisporites neglectus
Streelisporia granulata
Synorisporites verrucatus
Streelisporia newportensis
ZONE
1. Tetrahedraletes medinensis
2. Ambitisporites avitus
3. Ambitisporites dilutus
4. Retusotriletes warringtonii
5. Archaeozonotriletes chulus var. narius
6. Archaeozonotriletes chulus var. chulus
7. Ancyrospora langii (Wetteldorfer var. langii) (Wetteldorfer, 1968) (R. & L., 1973)
8. cf. Synorisporites verrucatus (R. & L., 1973)
9. ?Archaeozonotriletes divertimodum (R. & L., 1969)
10. Synorisporites cf. verrucatus (R. & L., 1973)
11. Retusotriletes abunsis
12. Synorisporites lithyus
13. cf. Brachytriletes sp. A (R. & L., 1973)
14. Emphanisporites protophanus
15. Tuphophyllophytes poecilomorphus
16. Emphanisporites neglectus
17. Tetrahedra variabilis
18. cf. Synorisporites downtonensis (R. & L., 1969)
19. Apiculiretusispora spinosa
20. Dibolisporites echinatus
21. Contagisporites echinatus
22. Cymbosporites verrucosus
23. Synorisporites downtonensis
24. Synorisporites verrucatus
25. Emphanisporites splendens
26. Synorisporites tripapillatus
27. Apiculiretusispora spicula
28. Ambitisporites sp. B (R. & L., 1973)
29. Cheilinospora cassicula
30. Retusotriletes newportensis
31. Retusotriletes maculatus
32. Emphanisporites epicautus
33. Perotriletes microbacculatus
34. Emphanisporites micromatus
35. Emphanisporites polygonalis
36. Cymbosporites proteus
37. Acinosporites salopensis
38. Dmatmaites sp. A (Streel et al., 1981)
39. Ex. sharospores zavallatus
40. Brencroispores breconensis
41. Chivosispora verrucata var. verrucata
42. Camptozonotriletes sp. cf. C. caperatus (Hassan, 1982)
43. Dictyotriletes emsiensis
44. Verrucosisporites polygonalis
45. Dibolisporites elliptenses
46. Dibolisporites n. sp. A. (Hassan, 1982)
47. Dictyotriletes favosus
48. Brachytriletes huttonii
49. Dibolisporites wetteldorfensis
50. Dibolisporites cf. D. brandii (Edwards, 1968)
51. Chivosispora verrucata var. cornelata
52. Emphanisporites decoratus
53. Apiculiretusispora annongensis
54. Camptozonotriletes caperatus
55. Brachytriletes fiveeldum? McGregor, 1973)
56. Dictyotriletes canadensis
57. Camarozonotriletes sextantii
58. Dictyotriletes gorgeous
59. Emphanisporites annulatus
60. Emphanisporites schultzii
61. Camptozonotriletes cf. atlopentus (Riegel, 1973)
62. Verrucosisporites dubia
63. Dictyotriletes bimaculatus
64. Apiculiretusispora brandii
65. Apiculatisporites microconus
66. Calyptosporites biornatus
67. Acinosporites lindlarensis var. lindlarensis
68. Apiculiretusispora geoparensis
69. Hystricosporites microancyreus
70. Hystricosporites cf. H. corystus (Riegel, 1975)
71. Ancyrospora eungelrieta
72. Ancyrospora kedzae
73. Spinozonotriletes arduennae
74. Calyptosporites n. sp. (Riegel, 1975)
75. Grandispora douglastownense
76. Acinosporites apiculatus
77. Ancyrospora netberheimensis
78. Grandispora inflata
79. Calyptosporites proteus
80. Ancyrospora lugerii
81. Periplecotriletes fortus
82. Raneuseliisporites aliff
83. Knausiisporites acrotosus
84. Acinosporites acanthomammillatus
85. Ancyrospora ancyrea var. ancyrea
86. Densosporites concinnus
87. Perotriletes fallcratus
88. Calyptosporites velatus
89. Crystalisporites multiporosus
90. Rhabdosporites langii
91. Anapiculatisporites petilus
92. Acinosporites macrospinosus
93. Grandispora spp.
94. Retusotriletes distinctus
95. Retusotriletes rugulatus
96. Ancyrospora grandispinosa
97. Cristalisporites orcadensis
98. Grandispora mammillata
99. Retispora archaeotriletoides
100. Grandispora naumovi
101. Verrucosisporites premnus
102. Perotriletes crovatus
103. Verrucosisporites scurrus
104. Densosporites devonicus
105. Hystricosporites gravis
106. Grandispora incuta
107. Densosporites inaequus
108. Hystricosporites reflexus
109. Craneiii