

Anhang B

Stratigraphische Reichweite der Sporen (range-charts)

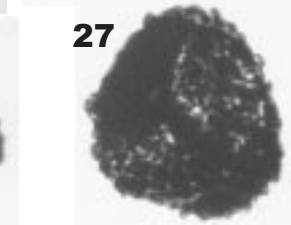
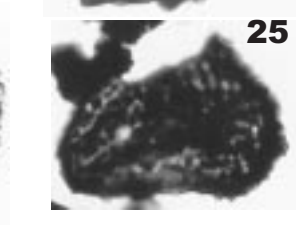
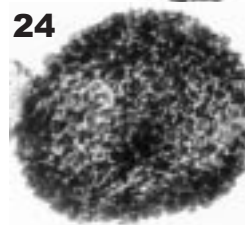
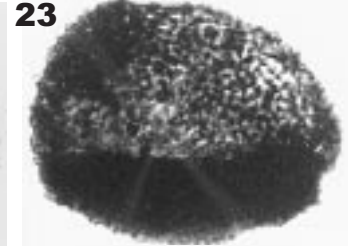
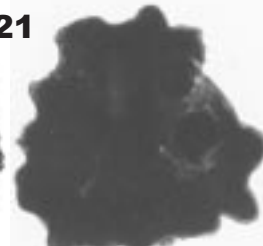
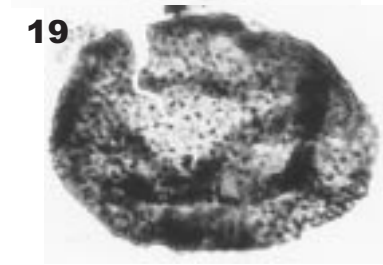
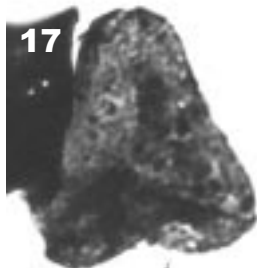
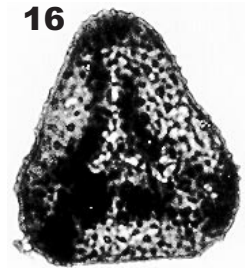
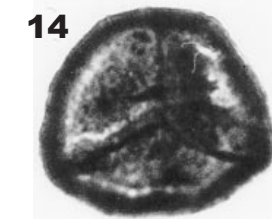
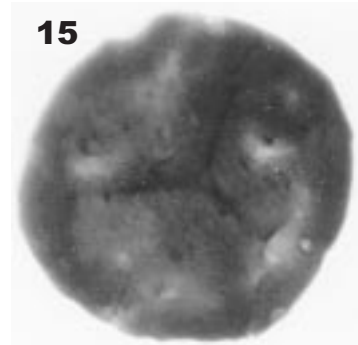
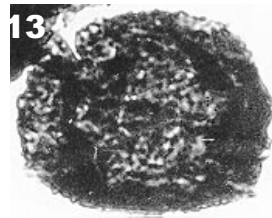
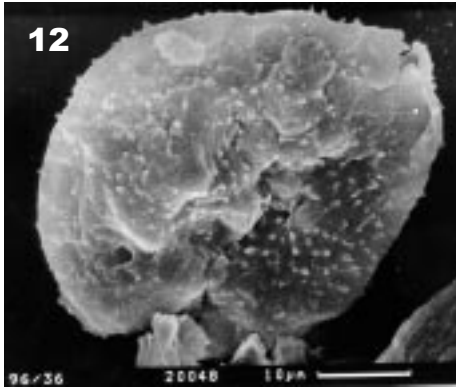
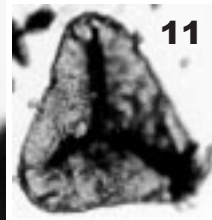
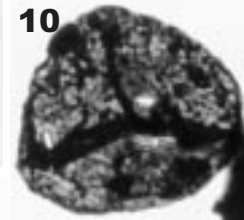
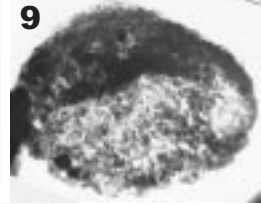
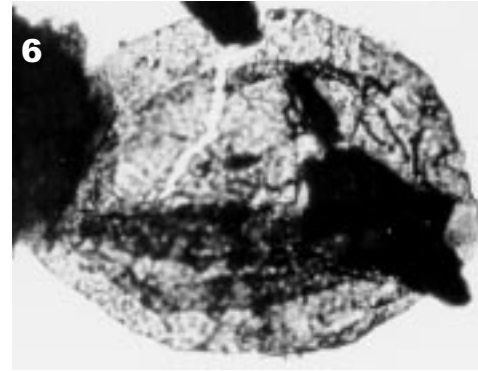
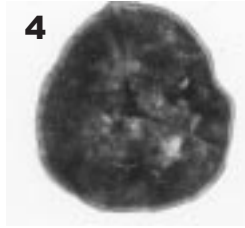
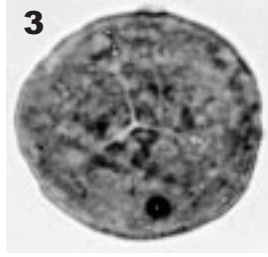
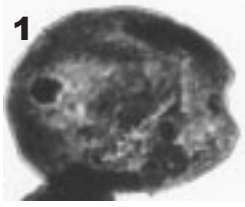
und

Bildtafeln der überlieferten Sporen

Tafel 19

- 1 – *Punctatisporites aerarius* (Ackerstollen-Bk 4, 193 m, 97/46, W36/2)
- 2 – *Punctatisporites minutus* (Ackerstollen-Bk 4, 17,5 m, 96/12o, X26/2)
- 3 – *Punctatisporites nitidus* (Ackerstollen-Bk 2, 42,7 m, 96/14o)
- 4 – *Punctatisporites punctatus* (Profil Jägerstieg, 97/64, V42/4)
- 5 – *Plicatispora scolecophora* (Ackerstollen-Bk 4, 193 m, 97/46, Q31)
- 6 - *Calamospora microrugosa* (Bhrg. Gommern1, 82 m, 97/58p, T30/2)
- 7 – *Calamospora parva* (Ackerstollen-Bk 3, 144,1 m, 97/24 p3, V54)
- 8 – *Leiotriletes sphaerotriangulus* (Ackerstollen-Bk 3, 144,1 m, 97/24 p3, J45/4)
- 9 - *Leiotriletes inermis* (Ackerstollen-Bk 2, 42,7 m, 96/14o, J46/2)
- 10 - *Leiotriletes trivialis* (Bhrg Gommern1, 116 m, 97/66, Y42)
- 11 - *Leiotriletes tumidus* (Bhrg. Gommern 2, 71,5 m, 97/42-30, V39)
- 12 - *Apiculiretusispora multiseta* (Ackerstollen-Bk 4, 193 m, 97/46, X32/2)
- 13 - *Apiculiretusispora verrucosa* (Ackerstollen-Bk 3, 340,9 m, 97/29p, Q35/1)
- 14 - *Retusotriletes incohatus* (Ackerstollen-Bk 4, 193 m, 97/46, G 40/1)
- 15 - *Retusotriletes planus* (Ackerstollen-Bk 4, 153,8 m, 96/10o, S43/2)
- 16 - *Granulatisporites granulatus* (Bhrg. Gommern 2, 71,5 m, 97/42-30, N49/3)
- 17 - *Granulatisporites microgranifer* (Ackerstollen-Bk 3, 8 m, 96/01)
- 18 - *Cyclogranisporites minutus* (Ackerstollen-Bk 2, 42,7 m, 96/14o, X36/1)
- 19 - *Cyclogranisporites aureus* (Ackerstollen-Bk 2, 42,7 m, 96/14o, R36/4)
- 20 - *Verrucosisporites baccatus* (Ackerstollen-Bk 2, 42,7 m, 96/14o, W49/2)
- 21 - *Verrucosisporites gibberosus* (Ackerstollen-Bk 4, 193 m, 97/46, D29/2)
- 22 - *Verrucosisporites nitidus* (Bhrg. Gommern 2, 71,5 m, 97/42-30, Q34/4)
- 23 - *Verrucosisporites oppressus* (Ackerstollen-Bk 4, 193 m, 97/46, K37/4)
- 24 - *Verrucosisporites verrucosus* (Ackerstollen-Bk 4, 17,5 m, 96/12o, J49/4)
- 25 - *Lophotriletes granoornatus* (Bhrg. Gommern 2, 71,5 m, 97/42-30, F32/4)
- 26 - *Lophotriletes microsaetosus* (Ackerstollen-Bk 4, 153,8 m, 96/10o, V26)
- 27 - *Lophotriletes tribulosus* (Bhrg. Gommern 2, 71,5 m, 97/42-30, K40)

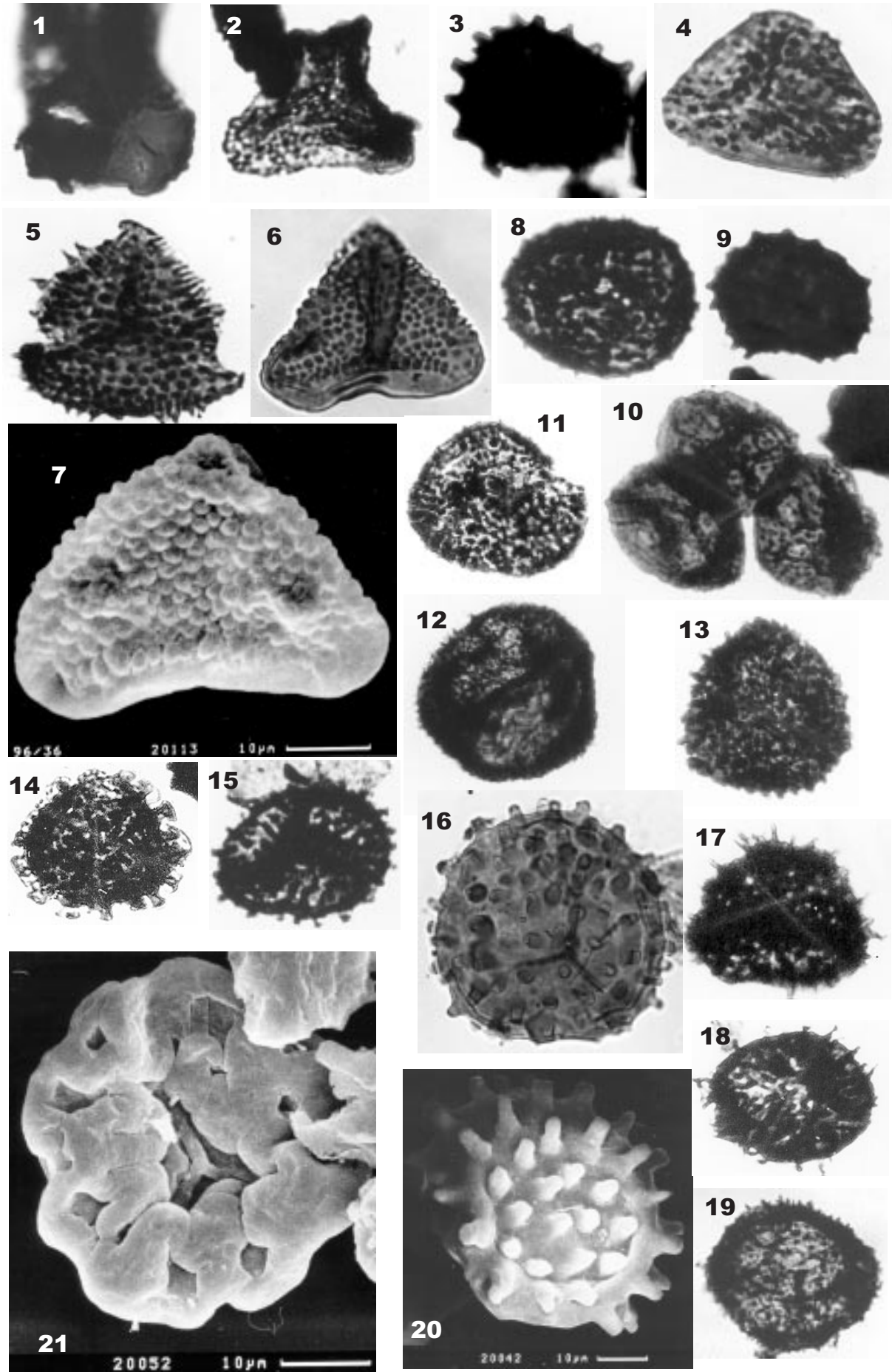
Tafel 19



Tafel 20

- 1 - *Waltzispora planiangularata* (Ackerstollen-Bk 3, 88 m, 96/03)
- 2 - *Waltzispora polita* (Profil Allerklippe, 97/62, G47/1)
- 3 - *Pustulatisporites multicapitis* (Profil Jägerstieg, 97/64, X52/2)
- 4 - *Anapiculatisporites concinnus* (Ackerstollen-Bk 3, 144,1 m, 97/24 p3, W37/1)
- 5 - *Tricidarisorites serratus* (Bhrg. Gommern 2, 71,5 m, 97/42-30, H51/1)
- 6 - *Tricidarisorites fasciculatus* (Bhrg. Gommern 2, 71,5 m, 97/42-30, U39/1)
- 7 - *Tricidarisorites fasciculatus* (wie oben, REM-Aufnahme)
- 8 - *Apiculatisporis heteroconus* (Bhrg. Gommern 1, 116 m, 97/66, Y42)
- 9 - *Anapiculatisporites hystricosus* (Profil Jägerstieg, 97/64, Q38/4)
- 10 - *Anaplanisorites baccatus* (Ackerstollen-Bk 4, 193 m, 97/46, W/32)
- 11 - *Anaplanisorites atheticus* (Ackerstollen-Bk 2, 42,7 m, 96/14-1, X44/1)
- 12 - *Anaplanisorites centrosus* (Bhrg. Gommern 1, 71,5 m, 97/42-30, B48/1)
- 13 - *Apiculatisporis pineatus* (Ackerstollen-Bk 4, 153, 8 m, 96/10o, F43)
- 14 - *Raistrickia clavata* (Ackerstollen- Bk 3, 185, 8 m, 96/04, H35/3)
- 15 - *Raistrickia variabilis* (Bhrg. Gommern 1, 116 m, 97/66, G38/2)
- 16,20- *Raistrickia nigra* (Ackerstollen-Bk 4, 193 m, 97/46)
- 17 - *Raistrickia corynoges* (Bhrg. Gommern 1, 180 m, 97/67p, W33/4)
- 18 - *Schopfites claviger* (Bhrg. Gommern 1, 116 m, 97/66, V46/1)
- 19 - *Schopfites delicatus* (Bhrg. Gommern 1, 71,5 m, 97/42-30, J32)
- 21 - *Convolutispora* sp.

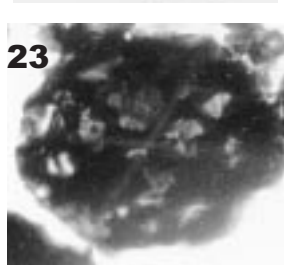
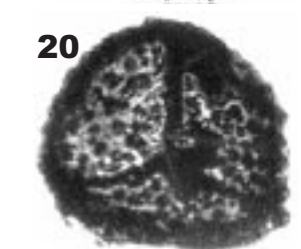
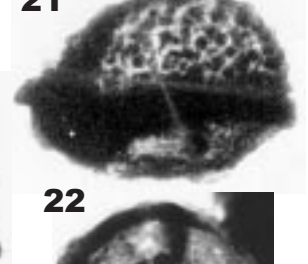
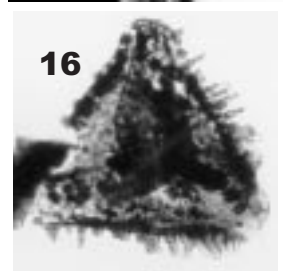
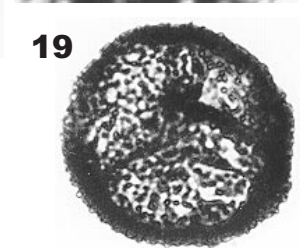
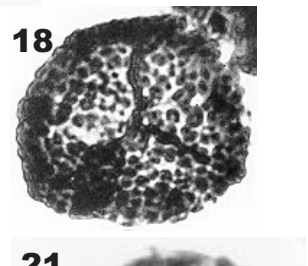
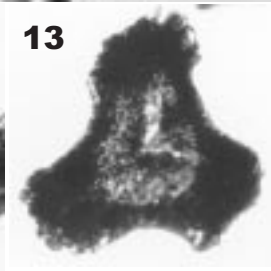
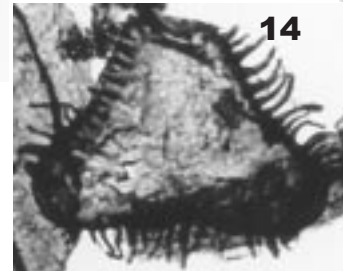
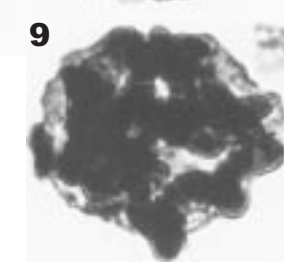
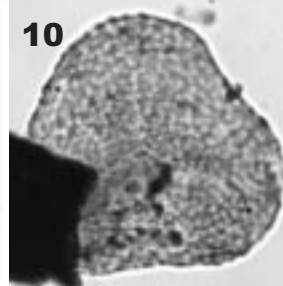
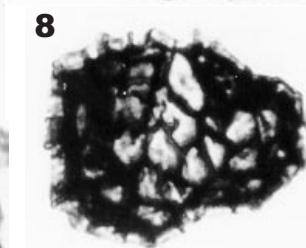
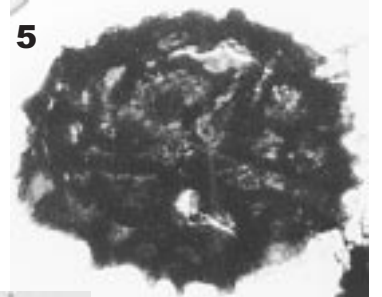
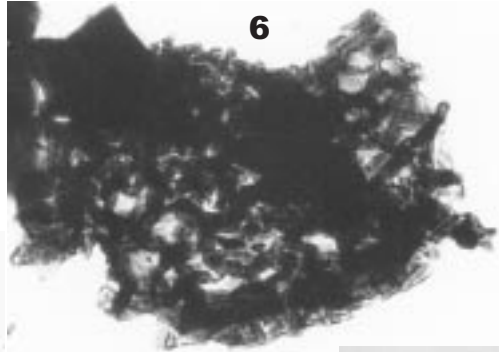
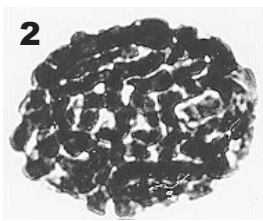
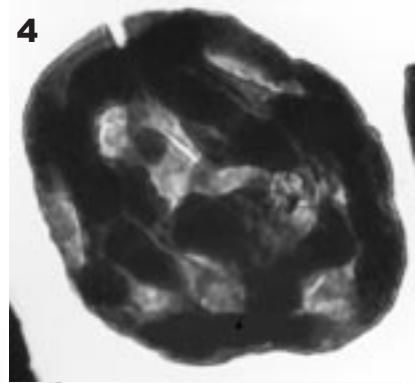
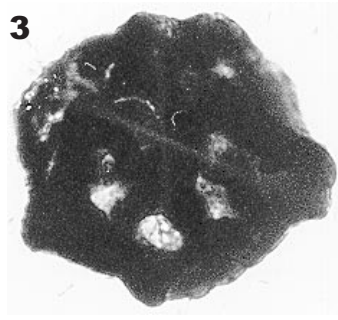
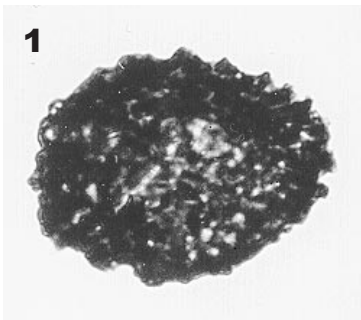
Tafel 20



Tafel 21

- 1 - *Convolutispora circumvallata* (Bhrg. Gommern 2, 71,5 m, 97/42-30, Y49)
- 2 - *Convolutispora florida* (Ackerstollen-Bk 2, 42,7 m, 96/14-2, D35/4)
- 3 - *Convolutispora major* (Ackerstollen-Bk 4, 17,5 m, 96/12o, S37/4)
- 4 - *Convolutispora vermiformis* (Ackerstollen-Bk 2, 42,7 m, 96/14-1, T45/2)
- 5 - *Corbulispora cancellata* (Bhrg. Gommern1, 116 m, 97/66, Y36/2)
- 6 - *Dictyotriletes chevriensis* (Ackerstollen-Bk 2, 42,7 m, 96/14, T51)
- 7 - *Dictyotriletes fragmentimuris* (Ackerstollen-Bk 2, 42,7 m, 96/14-1, O47/2)
- 8 - *Dictyotriletes trivialis* (Bhrg. Gommern 2, 71,5 m, 97/42-30,
- 9 - *Dictyotriletes vitilis* (Ackerstollen-Bk 2, 42,7 m, 96/14o, L34/2)
- 10 - *Microreticulatisporites concavus* (Ackerstollen-Bk 2, 42,7 m, 96/14o, B30/4)
- 11 - *Emphanisporites anulatus* (Ackerstollen-Bk 4, 193 m, 97/46, X37/3)
- 12 - *Emphanisporites rotatus* (Bhrg. Gommern 1, 116 m, 97/66, R47)
- 13 - *Tripartites incisotrilobus* (Ackerstollen-Bk 3, 144,1 m, 97/24 p3, U35/2)
- 14 - *Diatomozonotriletes hughesii* (Bhrg. Gommern 2, 71,5 m, 97/42-30, V52)
- 15 - *Diatomozonotriletes cervicornutus* (Bhrg. Gommern 2, 71,5 m, 97/42-30, P33/1)
- 16 - *Diatomozonotriletes trilinearis* (Ackerstollen-Bk 3, 144,1 m, 97/24 p3, D46/2)
- 17 - *Diatomozonotriletes ubertus* (Ackerstollen-Bk 2, 42,7 m, 96/14-2, O48/4)
- 18-21 *Stenozonotriletes bracteolus* (Ackerstollen-Bk 4, 193 m, 97/46)
- 22 - *Stenozonotriletes lycosporoides* (Ackerstollen-Bk 3, 144,1 m, 97/24 p3, E48)
- 23 - *Reticulatisporites cancellatus* (Bhrg. Gommern 2, 71,5 m, 97/42-30, P51/3)
- 24 - *Knoxisporites* Spez. A (Ackerstollen-Bk 2, 42,7 m, 96/14o, P33/2)
- 25 - *Knoxisporites triradiatus* (Ackerstollen-Bk 2, 42,7 m, 96/14-2, L46/1)

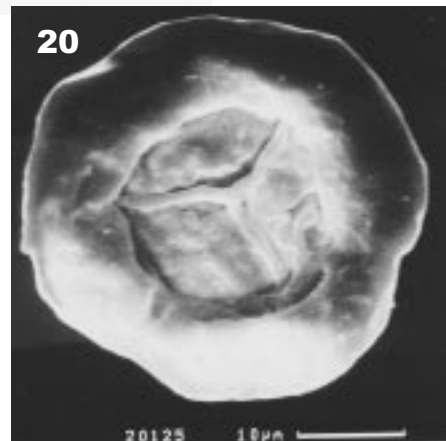
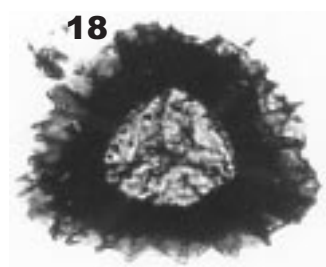
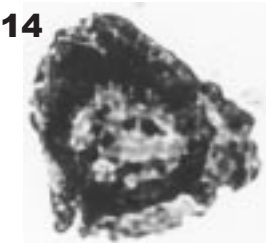
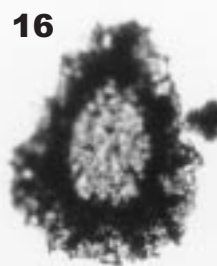
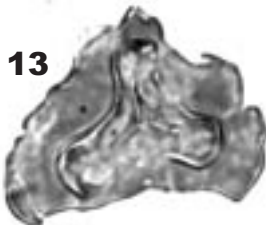
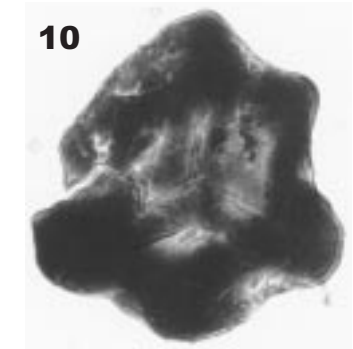
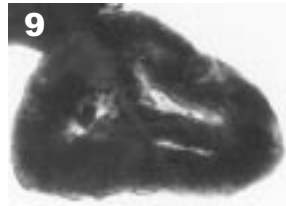
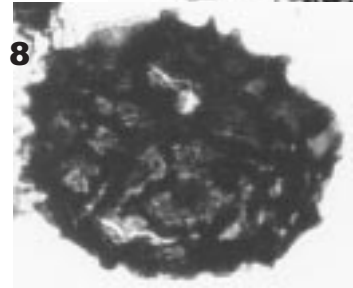
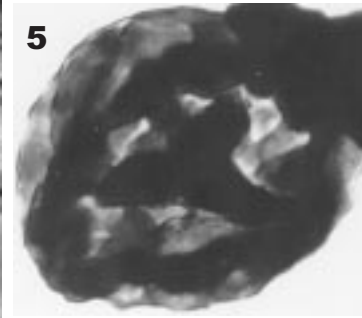
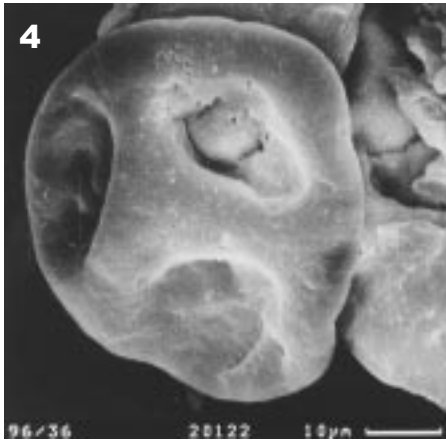
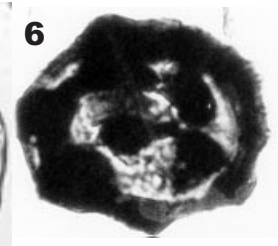
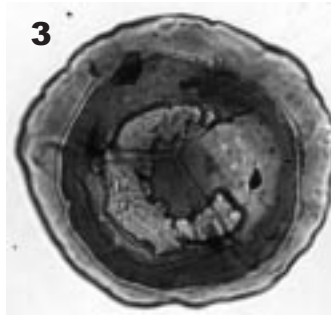
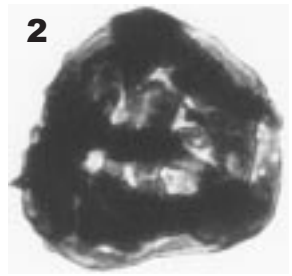
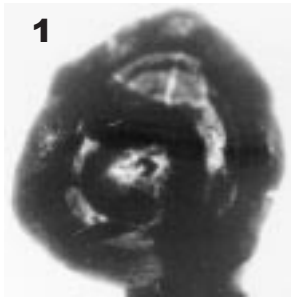
Tafel 21



Tafel 22

- 1 - *Knoxisporites literatus* (Ackerstollen-Bk 6, 96/19o, G34/3)
- 2 - *Knoxisporites rotatus* (Ackerstollen-Bk2, 42,7 m, 96/14o, S38/2)
- 3 - *Knoxisporites stephanophorus* (Ackerstollen-Bk2, 42,7 m, 96/14o, R54/1)
- 4 - *Knoxisporites* sp. (REM-Aufnahme)
- 5 - *Dillspora disjuncta* (Ackerstollen-Bk2, 42,7 m, 96/14o, Q44)
- 6 - *Tumulispora malevkensis* (Bhrg. Gommern 1, 180 m, 97/67p, M37/4)
- 7 - *Bascaudaspora collicula* (Bhrg. Gommern 2, 71,5 m, 97/42-30, T43)
- 8 - *Bascaudaspora submarginata* (Bhrg. Gommern, 116 m, 97/66, X36/4)
- 9 - *Murospora intorta* (Ackerstollen-Bk 3, 144,1 m, 97/24 p3, S34/3)
- 10 - *Murospora siblyana* (Ackerstollen-Bk2, 42,7 m, 96/14o, Y39/3)
- 11 - *Murospora aurita* (Ackerstollen-Bk2, 42,7 m, 96/14-1, F53/4)
- 12 - *Murospora margodenta* (Ackerstollen-Bk2, 42,7 m, 96/14-1, M52/2)
- 13 - *Murospora sublobata* (Ackerstollen-Bk 3, 144,1 m, 97/24 p3, S53/2)
- 14 - *Cingulizonates Spez. A* (Ackerstollen-Bk2, 42,7 m, 96/14o, T47/4)
- 15 - *Crassispora aculeata* (Ackerstollen-Bk2, 42,7 m, 96/14o, U41)
- 16 - *Cingulizonates flammulus* (Ackerstollen-Bk 3, 144,1 m, 97/24 p3, H31)
- 17 - *Cingulizonates bialatus* (Ackerstollen-Bk2, 42,7 m, 96/14o, X35/1)
- 18 - *Densosporites brevispinosus* (Bhrg. Gommern 2, 71,5 m, 97/42-30, Y57)
- 19,20- *Densosporites anulatus* (Ackerstollen-Bk2, 42,7 m, 96/14o, U30)

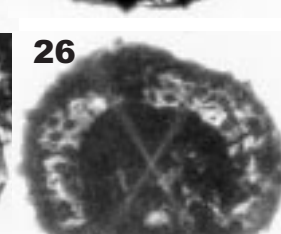
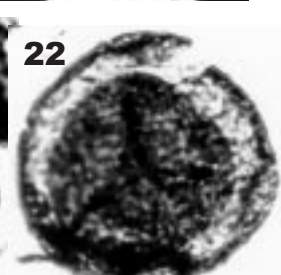
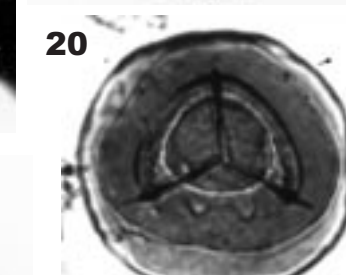
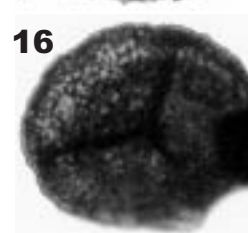
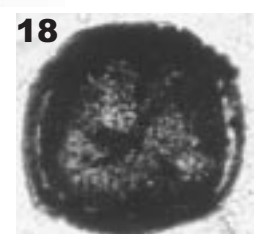
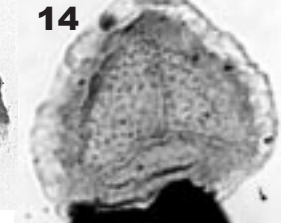
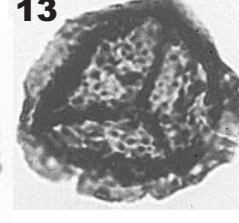
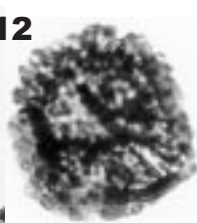
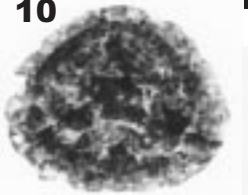
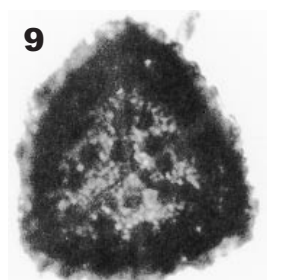
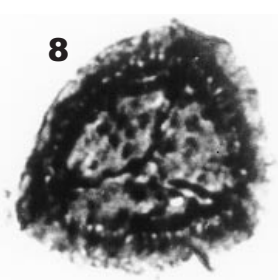
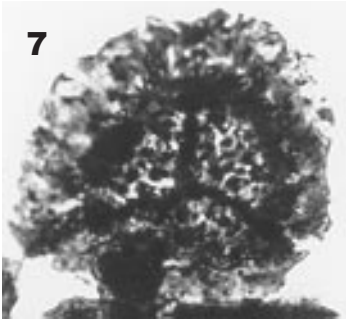
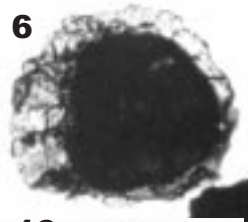
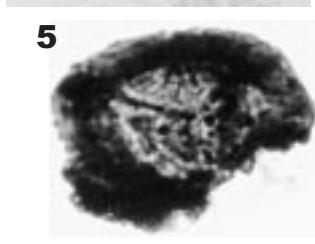
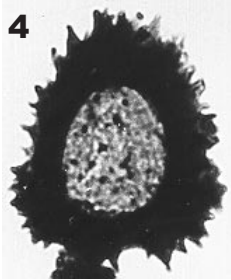
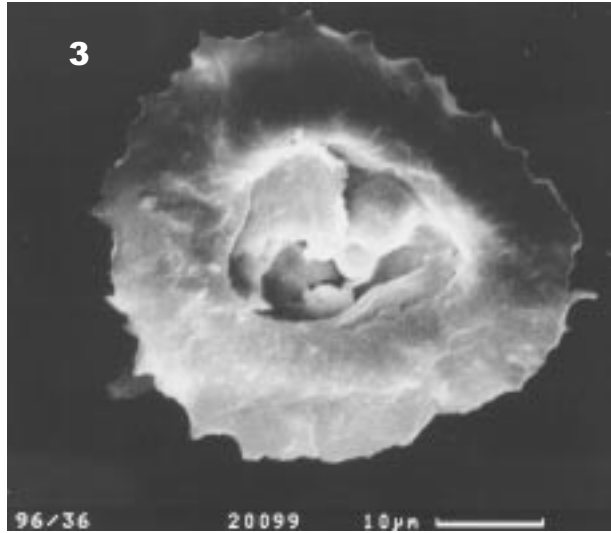
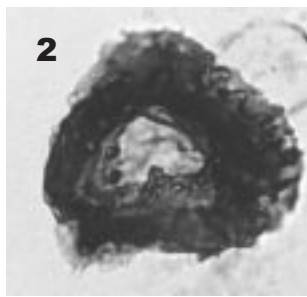
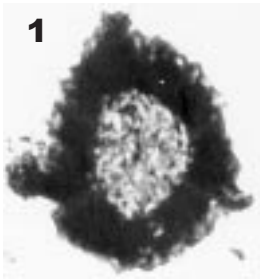
Tafel 22



Tafel 23

- | | | |
|-------|--------------------------------------|---|
| 1 - | <i>Densosporites</i> Spez. A | (Bhrg. Gommern 2, 71,5 m, 97/42-30, W34/4) |
| 2, 3- | <i>Densosporites intermedius</i> | (Ackerstollen-Bk 4, 17,5 m, 96/12o, Y27) |
| 4 - | <i>Densosporites spinifer</i> | (Bhrg. Gommern 2, 71,5 m, 97/42-30, S36) |
| 5 - | <i>Densosporites variabilis</i> | (Ackerstollen-Bk 4, 153,8 m, 96/10o, V26) |
| 6 - | <i>Radiizonates mirabilis</i> | (Bhrg. Gommern 1, 180 m, 97/67, U39) |
| 7 - | <i>Vallatisporites pusillites</i> | (Ackerstollen-Bk 4, 193 m, 97/46, E32/2) |
| 8 - | <i>Vallatisporites vallatus</i> | (Ackerstollen-Bk 3, 144,1 m, 97/66, S47/1) |
| 9 - | <i>Vallatisporites verrucosus</i> | (Ackerstollen-Bk 3, 144,1 m, 97/66, Y36/2) |
| 10 - | <i>Lycospora noctuina</i> | (Ackerstollen-Bk 3, 144,1 m, 97/24 p3, S 29) |
| 11 - | <i>Lycospora spinosa</i> | (Ackerstollen-Bk 4, 193 m, 97/46, B38/1) |
| 12 - | <i>Lycospora rotunda</i> | (Ackerstollen-Bk 3, 144,1 m, 97/24 p3, L47/3) |
| 13-15 | <i>Lycospora pusilla</i> | (Bhrg. Gommern 2, 71,5 m, 97/42-30) |
| 16 - | <i>Spelaeotriletes microspinosus</i> | (Bhrg. Gommern 1, 180 m, 97/67, S33) |
| 17 - | <i>Spelaeotriletes obtusus</i> | (Bhrg. Gommern 1, 116 m, 97/66, W50/2) |
| 18 - | <i>Spelaeotriletes crustatus</i> | (Ackerstollen-Bk 4, 17,5 m, 96/12o, D34/1) |
| 19 - | <i>Spelaeotriletes balteatus</i> | (Ackerstollen-Bk 4, 193 m, 97/46, T34/2) |
| 20 - | <i>Tholisporites bianulatus</i> | (Ackerstollen-Bk 2, 42,7 m, 96/14o, U49) |
| 21 - | <i>Tholisporites decoratus</i> | (Bhrg. Gommern 2, 71,5 m, 97/42-30, S33/4) |
| 22 - | <i>Auroraspora macra</i> | (Ackerstollen-Bk 4, 193 m, 97/46, R51/2) |
| 23 - | <i>Auroraspora balteola</i> | (Bhrg. Gommern 2, 71,5 m, 97/42-30, J36) |
| 24 - | <i>Auroraspora corporiga</i> | (Ackerstollen-Bk 4, 193 m, 97/46, W31/4) |
| 25 - | <i>Auroraspora solisorta</i> | (Ackerstollen-Bk 4, 193 m, 97/46, X40) |
| 26 - | <i>Spelaeotriletes pretiosus</i> | (Ackerstollen-Bk 4, 193 m, 97/46, V32/3) |

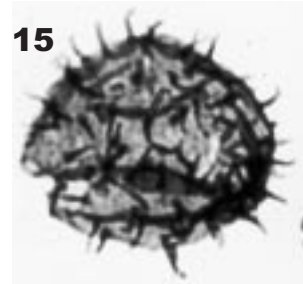
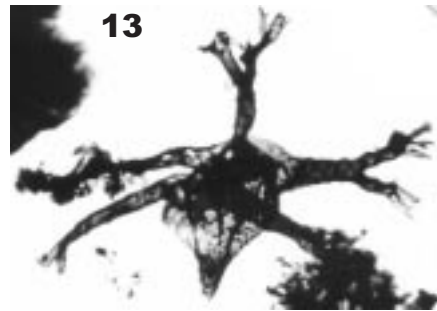
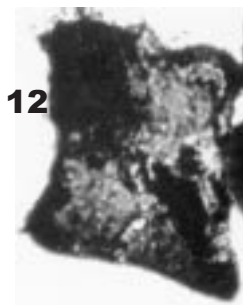
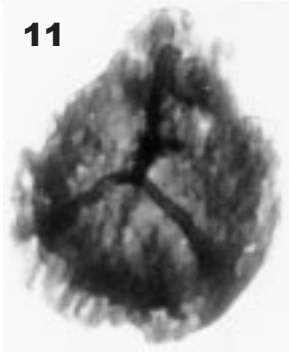
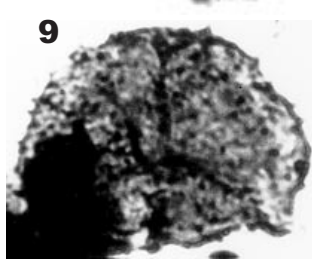
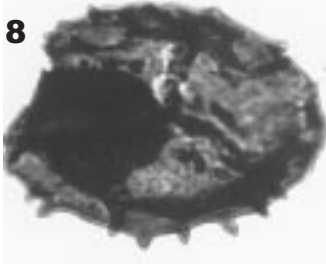
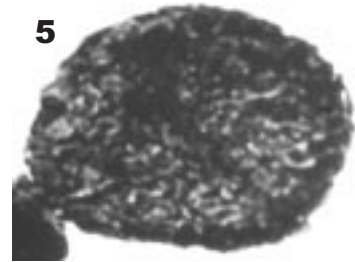
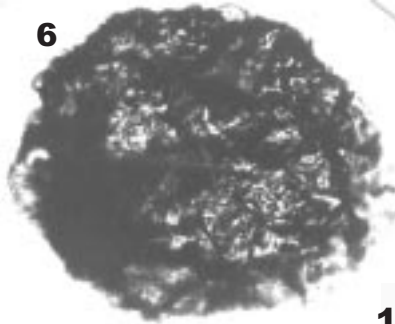
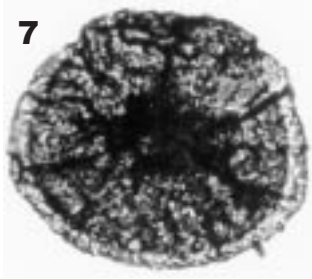
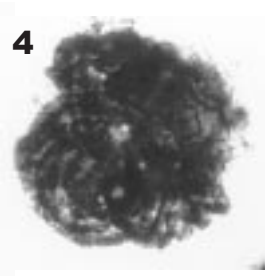
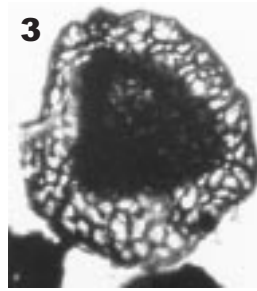
Tafel 23



Tafel 24

- 1 - *Discernisporites sullivanii* (Bhrg. Gommern 1, 116 m, 97/66, X48)
- 2,3 - *Retispora lepidophyta* (Bhrg. Gommern 1, 116 m, 97/66, V31; 97/71)
- 4 - *Rugospora lactuosa* (Ackerstollen-Bk 4, 17,5 m, 96/12o, Y45/1)
- 5 - *Rugospora minuta* (Bhrg. Gommern 2, 71,5 m, 97/42-30, L42/2)
- 6 - *Rugospora polyptycha* (Bhrg. Gommern 1, 82 m, 97/58p, U46/1)
- 7 - *Rugospora vieta* (Bhrg. Gommern 1, 82 m, 97/58p, H33/2)
- 8 - *Grandispora cornuta* (Ackerstollen-Bk 4, 193 m, 97 /46, Q31)
- 9 - *Grandispora echinata* (Bhrg. Gommern 1, 450 m, 97/71, W48/3)
- 10 - *Colatisporites decorus* (Bhrg. Gommern 2, 71,5 m, 97/42-30, D38/1)
- 11 - *Discernisporites micromanifestus* (Ackerstollen-Bk 2, 42,7 m, 96/14o, V56)
- 12-16 Acritarchen (unbestimmt)
- 17 - Scolecodont (Bruchstück)

Tafel 24



Tafel 25

- 1 - Palynofazies-Übersicht - Kohlenkalk-Schelf, Bhrg. Rügen 2.
- 2 - Palynofazies-Übersicht - Kammquarzit-Formation, Ackerstollen-Bk 3.
- 3 - Palynofazies-Übersicht - Kulm-Grauwacken, Bhrg. Adlersberg (Harz).

Tafel 25

