**Información Suplementaria**. Matriz de Base de Datos (MBD) donde se muestra el número de fitolitos encontrados por cada capa de perfil analizada.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Nombre | MY-1 | MY-2 | MY-3 | MY-4 | Y-1 | Y-2 | Y-3 | Y-4 | Y-5 | P-1 | P-2 | P-3 | P-4 | P-5 | P-6 | P-7 | P-8 |
| Aculeolithum aciculathum | 0 | 0 | 0 | 0 | 5 | 5 | 3 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aculeolithum corniculathum | 0 | 0 | 0 | 0 | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Aculeolithum acuminathum | 0 | 0 | 3 | 0 | 5 | 6 | 5 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aculeolithum acutemeditullium | 5 | 10 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 17 | 15 | 10 | 10 | 10 | 10 | 10 | 20 |
| Aculeolithum acantathum | 15 | 15 | 10 | 15 | 6 | 2 | 1 | 0 | 0 | 10 | 15 | 20 | 10 | 10 | 10 | 15 | 17 |
| Aculeolithum rostrathum | 30 | 30 | 15 | 25 | 5 | 4 | 7 | 1 | 12 | 0 | 15 | 15 | 10 | 0 | 0 | 7 | 10 |
| Crucihalteriolithum brevibracchium | 5 | 5 | 0 | 0 | 5 | 7 | 12 | 7 | 5 | 2 | 0 | 17 | 0 | 15 | 15 | 9 | 0 |
| Crucihalteriolithum longibracchium | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Doliolithum aequidimensionathum | 0 | 5 | 0 | 0 | 12 | 16 | 27 | 15 | 22 | 12 | 10 | 20 | 4 | 9 | 9 | 20 | 10 |
| Doliolithum elongathum | 10 | 9 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 9 | 8 | 13 | 4 | 8 | 8 | 15 | 14 |
| Doliolithum oblathum | 9 | 7 | 2 | 15 | 5 | 7 | 5 | 14 | 12 | 9 | 30 | 23 | 10 | 12 | 12 | 30 | 10 |
| Euhalteriolithum bitestathum | 5 | 0 | 20 | 20 | 12 | 27 | 10 | 17 | 22 | 18 | 15 | 18 | 10 | 15 | 15 | 12 | 15 |
| Euhalteriolithum botulathum | 8 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Euhalteriolihum elongathum | 3 | 0 | 0 | 0 | 3 | 2 | 5 | 5 | 7 | 0 | 7 | 7 | 7 | 10 | 10 | 4 | 9 |
| Euhalteriolithum testicotilathum | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 7 | 0 | 0 | 0 | 0 |
| Euhalteriolithum testicaudiculathum | 0 | 0 | 0 | 0 | 4 | 5 | 2 | 5 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Euhalteriolithum testisphaerulathum | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 7 | 16 | 8 | 10 | 10 | 6 | 8 |
| Euhalteriolithum testilobathum | 8 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Euhalteriolitum testicavum | 0 | 0 | 0 | 0 | 2 | 9 | 7 | 11 | 12 | 0 | 7 | 0 | 9 | 11 | 11 | 3 | 0 |
| Flabelolithum elongathum | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 10 | 5 | 4 | 6 | 6 | 3 | 0 |
| Flabelolithum euflabelathum | 0 | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 3 | 2 | 4 | 4 | 4 | 8 |
| Flabelolithum excavathum | 5 | 7 | 3 | 5 | 2 | 3 | 3 | 0 | 1 | 3 | 3 | 5 | 3 | 5 | 5 | 3 | 0 |
| Flabelolithum hemiflabelathum | 8 | 13 | 2 | 5 | 5 | 1 | 2 | 0 | 0 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 9 |
| Multicavatisaxum quasisphaerum | 0 | 0 | 0 | 0 | 20 | 25 | 15 | 15 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Multicavatisaxum tabulathum | 0 | 0 | 0 | 0 | 3 | 5 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Macroprismatolithum denticulathum | 0 | 0 | 30 | 30 | 11 | 27 | 14 | 18 | 16 | 28 | 30 | 30 | 20 | 25 | 25 | 30 | 30 |
| Macroprismatolithum elongathum | 15 | 30 | 15 | 15 | 47 | 37 | 42 | 42 | 31 | 90 | 80 | 90 | 100 | 110 | 110 | 90 | 100 |
| Macroprismatolithum excavathum | 90 | 100 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Macroprismatolithum isocornisathum | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Macroprismatolithum medilaxum | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Macroprismatolithum ondulathum | 0 | 0 | 30 | 0 | 7 | 2 | 2 | 4 | 0 | 12 | 30 | 30 | 20 | 20 | 20 | 30 | 25 |
| Macroprismatolithum psilaristathum | 0 | 10 | 120 | 90 | 85 | 62 | 65 | 60 | 45 | 30 | 20 | 20 | 10 | 15 | 15 | 20 | 0 |
| Macroprismatolithum serrathum | 30 | 20 | 20 | 15 | 4 | 7 | 5 | 16 | 5 | 21 | 30 | 20 | 20 | 23 | 23 | 20 | 20 |
| Plurihalteriolithum catenathum | 0 | 0 | 0 | 0 | 16 | 3 | 5 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Plurihalteriolithum inequilobathum | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Plurihalteriolithum trilobathum | 7 | 0 | 10 | 5 | 3 | 2 | 2 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Plurihalteriolithum vermiculathum | 10 | 8 | 7 | 8 | 3 | 5 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Strobilolithum complanathum | 0 | 0 | 0 | 0 | 6 | 5 | 10 | 13 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Strobilolithum elongathum | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 10 | 5 | 7 | 5 | 6 | 6 | 10 | 7 |
| Strobilolithum acutextremum | 10 | 9 | 5 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Strobilolithum acutetubathum | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 4 | 0 | 0 |
| Strobilolithum tubathum | 0 | 0 | 0 | 0 | 35 | 36 | 35 | 38 | 33 | 12 | 7 | 12 | 7 | 10 | 10 | 8 | 11 |
| Eusecurisaxum aequidimensionathum | 11 | 15 | 10 | 15 | 0 | 0 | 0 | 0 | 0 | 14 | 10 | 7 | 10 | 10 | 10 | 15 | 13 |
| Microsecurisaxum aequidimensionathum | 15 | 15 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Microsecurisaxum tabulathum | 6 | 0 | 0 | 0 | 10 | 15 | 16 | 12 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Microsecurisaxum mediarcthum | 0 | 0 | 0 | 0 | 18 | 16 | 26 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rotundusaxum ovathum | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 5 | 6 | 6 | 8 | 10 |
| Rotundusaxum minusculudiscum | 12 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Doliolithum dentathum | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 30 | 23 | 10 | 12 | 12 | 30 | 10 |
| Doliolithum piramidathum | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| Euhalteriolithum strobilathum | 0 | 35 | 20 | 30 | 36 | 15 | 17 | 23 | 18 | 20 | 30 | 20 | 15 | 18 | 18 | 20 | 10 |
| Euhalteriolithum triangulitestum | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Euhalteriolithum brevisthmum | 15 | 20 | 15 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 8 | 5 | 8 | 8 | 8 | 5 |
| Crucihalteriolithum acutelobum | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 6 | 6 | 3 | 0 |
| Diatomeas | 10 | 7 | 10 | 7 | 15 | 20 | 7 | 10 | 18 | 7 | 9 | 10 | 5 | 8 | 8 | 5 | 2 |