





















| Sample | Position (m) | <i>Biticinella breggensis</i> | <i>Biticinella</i> spp. |                                     |                       |                 |                   |                        |                        |
|--------|--------------|-------------------------------|-------------------------|-------------------------------------|-----------------------|-----------------|-------------------|------------------------|------------------------|
|        |              |                               |                         | <i>Globigerinelloides algeriana</i> | <i>G. bentonensis</i> | <i>G. blowi</i> | <i>G. duboisi</i> | <i>G. ferreolensis</i> | <i>G. maridalensis</i> |
| SA 15  | 132,385      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 16  | 132,985      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 17  | 133,585      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 18  | 134,185      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 19  | 134,785      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 20  | 134,9        | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 21  | 135,165      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 22  | 135,415      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 23  | 135,715      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 24  | 136,04       | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 25  | 136,765      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 26  | 137,365      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 27  | 137,965      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 28  | 138,485      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 29  | 138,58       | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 30  | 139,275      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 31  | 139,875      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 32  | 140,475      | 0,00000                       | 0,00000                 | 0,00000                             | 43,99098              | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 33  | 141,075      | 0,00000                       | 0,00000                 | 0,00000                             | 15,12109              | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 34  | 141,675      | 0,00000                       | 0,00000                 | 0,00000                             | 60,08067              | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 35  | 142,275      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 36  | 142,875      | 0,00000                       | 0,00000                 | 0,00000                             | 34,88927              | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 38  | 144,075      | 0,00000                       | 0,00000                 | 0,00000                             | 43,67669              | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 39  | 144,675      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 40  | 145,275      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| SA 41  | 145,875      | 0,00000                       | 0,00000                 | 0,00000                             | 29,71992              | 0,00000         | 0,00000           | 0,00000                | 0,00000                |





| Sample    | Position (m) | <i>Biticinella breggensis</i> | <i>Biticinella</i> spp. | <i>Globigerinelloides</i> |                       |                 |                   |                        |                        |
|-----------|--------------|-------------------------------|-------------------------|---------------------------|-----------------------|-----------------|-------------------|------------------------|------------------------|
|           |              |                               |                         | <i>G. algeriana</i>       | <i>G. bentonensis</i> | <i>G. blowi</i> | <i>G. duboisi</i> | <i>G. ferreolensis</i> | <i>G. maridalensis</i> |
| FS 120    | 253,855      | 0,02388                       | 0,02388                 | 0,00000                   | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| FS 122    | 255,055      | 0,00686                       | 0,00686                 | 0,00000                   | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| FS 123    | 255,655      | 0,00000                       | 0,00000                 | 0,00000                   | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| FS 126    | 257,455      | 0,00830                       | 0,00830                 | 0,00000                   | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| FS 127    | 258,055      | 0,01144                       | 0,01144                 | 0,00000                   | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| FS 131    | 259,855      | 0,25253                       | 0,25253                 | 0,00000                   | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| FS 132    | 260,455      | 0,05839                       | 0,05839                 | 0,00000                   | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| 500/3/98  | 261,755      | 560,53352                     | 560,53352               | 0,00000                   | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| 507/3/98  | 264,135      | 0,00000                       | 0,00000                 | 0,00000                   | 238,57299             | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| 511/3/98  | 265,305      | 345,51205                     | 345,51205               | 0,00000                   | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| 517/1/98  | 266,95       | 0,02424                       | 0,02424                 | 0,00000                   | 1588,62314            | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| 519/2/98  | 267,725      | 77,96384                      | 77,96384                | 0,00000                   | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| 524/2/98  | 268,79       | 0,01968                       | 0,01968                 | 0,00000                   | 1934,92766            | 1289,95178      | 0,00000           | 0,00000                | 0,00000                |
| 526/1/98  | 269,285      | 0,04894                       | 0,04894                 | 0,00000                   | 1603,73573            | 534,56770       | 0,00000           | 0,00000                | 0,00000                |
| 526/5/98  | 269,865      | 0,00000                       | 0,00000                 | 0,00000                   | 810,22006             | 540,14671       | 0,00000           | 0,00000                | 0,00000                |
| 526/11/98 | 270,605      | 134,27238                     | 134,27238               | 0,00000                   | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| 532/2/98  | 272,465      | 0,02730                       | 0,02730                 | 0,00000                   | 1043,90643            | 894,75744       | 0,00000           | 0,00000                | 0,00000                |
| 532/5/98  | 273,185      | 0,01082                       | 0,01082                 | 0,00000                   | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| 534/2/98  | 275,785      | 130,45625                     | 130,45625               | 0,00000                   | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 1     | 277,385      | 0,11025                       | 0,11025                 | 0,00000                   | 164,21770             | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 2     | 277,985      | 0,00000                       | 0,00000                 | 0,00000                   | 112,14237             | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 3     | 278,585      | 0,00000                       | 0,00000                 | 0,00000                   | 350,98543             | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 4     | 279,185      | 0,03021                       | 0,03021                 | 0,00000                   | 0,06042               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 5     | 279,36       | 0,00000                       | 0,00000                 | 0,00000                   | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 6     | 280,135      | 0,06753                       | 0,06753                 | 0,00000                   | 0,04502               | 92,20034        | 0,00000           | 0,00000                | 0,00000                |
| PVB 9     | 281,535      | 0,16622                       | 0,16622                 | 0,00000                   | 64,84091              | 0,00000         | 0,00000           | 0,00000                | 0,00000                |

| Sample | Position (m) | <i>Biticinella breggensis</i> | <i>Biticinella</i> spp. |                                     |                       |                 |                   |                        |                        |
|--------|--------------|-------------------------------|-------------------------|-------------------------------------|-----------------------|-----------------|-------------------|------------------------|------------------------|
|        |              |                               |                         | <i>Globigerinelloides algeriana</i> | <i>G. bentonensis</i> | <i>G. blowi</i> | <i>G. duboisi</i> | <i>G. ferreolensis</i> | <i>G. maridalensis</i> |
| PVB 10 | 276,785      | 0,05920                       | 0,05920                 | 0,00000                             | 1108,55886            | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 11 | 282,435      | 0,00000                       | 0,00000                 | 0,00000                             | 0,01064               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 12 | 283,035      | 0,03426                       | 0,03426                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 13 | 283,635      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 14 | 284,235      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 15 | 284,835      | 0,01821                       | 0,01821                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 16 | 284,96       | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 17 | 285,685      | 0,01275                       | 0,01275                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 18 | 286,285      | 0,00948                       | 0,00948                 | 0,00000                             | 0,01897               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 19 | 286,885      | 0,00729                       | 0,00729                 | 0,00000                             | 0,02917               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 21 | 288,085      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 22 | 288,685      | 0,02189                       | 0,02189                 | 0,00000                             | 0,02918               | 0,00730         | 0,00000           | 0,00000                | 0,00000                |
| PVB 23 | 289,285      | 0,01522                       | 0,01522                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 24 | 289,885      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00720               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 25 | 290,485      | 0,02853                       | 0,02853                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 26 | 291,085      | 0,00000                       | 0,00000                 | 0,00000                             | 0,01431               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 27 | 291,235      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 28 | 291,985      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 29 | 292,585      | 0,01945                       | 0,01945                 | 0,00000                             | 79,67914              | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 31 | 293,785      | 0,00000                       | 0,00000                 | 0,00000                             | 0,01114               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 32 | 294,385      | 0,01142                       | 0,01142                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 34 | 295,235      | 0,00000                       | 0,00000                 | 0,00000                             | 71,62327              | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 35 | 295,835      | 0,04304                       | 0,04304                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 36 | 296,435      | 0,00000                       | 0,00000                 | 0,00000                             | 0,01814               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 37 | 297,035      | 0,01638                       | 0,01638                 | 0,00000                             | 134,31638             | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 38 | 297,635      | 0,04727                       | 0,04727                 | 0,00000                             | 0,09453               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |



| Sample  | Position (m) | <i>Biticinella breggensis</i> | <i>Biticinella</i> spp. |                                     |                       |                 |                   |                        |                        |
|---------|--------------|-------------------------------|-------------------------|-------------------------------------|-----------------------|-----------------|-------------------|------------------------|------------------------|
|         |              |                               |                         | <i>Globigerinelloides algeriana</i> | <i>G. bentonensis</i> | <i>G. blowi</i> | <i>G. duboisi</i> | <i>G. ferreolensis</i> | <i>G. maridalensis</i> |
| PVB 80  | 322,085      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 81  | 322,685      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 83  | 323,485      | 0,01124                       | 0,01124                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 84  | 324,085      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 85  | 324,685      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 86  | 325,285      | 0,01207                       | 0,01207                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 87  | 325,885      | 0,02019                       | 0,02019                 | 0,00000                             | 0,04038               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 89  | 327,085      | 0,01135                       | 0,01135                 | 0,00000                             | 0,02271               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 90  | 327,685      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 92  | 328,885      | 0,02157                       | 0,02157                 | 0,00000                             | 0,04313               | 0,01078         | 0,00000           | 0,00000                | 0,00000                |
| PVB 94  | 329,785      | 0,02507                       | 0,02507                 | 0,00000                             | 0,02507               | 0,00836         | 0,00000           | 0,00000                | 0,00000                |
| PVB 96  | 330,985      | 0,02372                       | 0,02372                 | 0,00000                             | 0,04743               | 0,01581         | 0,00000           | 0,00000                | 0,00000                |
| PVB 98  | 332,185      | 0,00873                       | 0,00873                 | 0,00000                             | 35,80225              | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 100 | 333,385      | 0,00000                       | 0,00000                 | 0,00000                             | 55,94100              | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 101 | 333,985      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 103 | 335,185      | 0,02951                       | 0,02951                 | 0,00000                             | 0,02951               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 104 | 335,785      | 0,00000                       | 0,00000                 | 0,00000                             | 164,70470             | 0,06016         | 0,00000           | 0,00000                | 0,00000                |
| PVB 105 | 336,385      | 0,02009                       | 0,02009                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 107 | 337,585      | 0,00963                       | 0,00963                 | 0,00000                             | 118,39900             | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 108 | 338,185      | 0,01569                       | 0,01569                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 110 | 339,385      | 117,54839                     | 117,54839               | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 111 | 339,485      | 0,04395                       | 0,04395                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 113 | 340,785      | 0,00000                       | 0,00000                 | 0,00000                             | 84,56224              | 0,03094         | 0,00000           | 0,00000                | 0,00000                |
| PVB 115 | 341,985      | 0,00994                       | 0,00994                 | 0,00000                             | 0,00994               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 116 | 342,085      | 0,03355                       | 0,03355                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 117 | 342,185      | 0,11688                       | 0,11688                 | 0,00000                             | 0,05844               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |



| Sample   | Position (m) | <i>Biticinella breggensis</i> | <i>Biticinella</i> spp. |                                     |                       |                 |                   |                        |                        |
|----------|--------------|-------------------------------|-------------------------|-------------------------------------|-----------------------|-----------------|-------------------|------------------------|------------------------|
|          |              |                               |                         | <i>Globigerinelloides algeriana</i> | <i>G. bentonensis</i> | <i>G. blowi</i> | <i>G. duboisi</i> | <i>G. ferreolensis</i> | <i>G. maridalensis</i> |
| PVB 119  | 342,435      | 0,00000                       | 0,00000                 | 0,00000                             | 47,13530              | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 120  | 342,935      | 0,02393                       | 0,02393                 | 0,00000                             | 65,40364              | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 122  | 343,285      | 0,08116                       | 0,08116                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 123  | 343,685      | 0,03155                       | 0,03155                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 127  | 345,335      | 0,01960                       | 0,01960                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 131  | 347,735      | 0,13374                       | 0,13374                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 132  | 348,335      | 0,02851                       | 0,02851                 | 0,00000                             | 0,11406               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 134  | 349,535      | 0,03699                       | 0,03699                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 135  | 350,135      | 0,12188                       | 0,12188                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 136  | 350,735      | 84,39877                      | 84,39877                | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 139  | 352,535      | 0,12497                       | 0,12497                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 142  | 353,835      | 0,00000                       | 0,00000                 | 0,00000                             | 0,01493               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 143  | 354,285      | 0,02464                       | 0,02464                 | 0,00000                             | 0,04927               | 0,09855         | 0,00000           | 0,00000                | 0,00000                |
| PVB 144  | 354,885      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 147  | 356,685      | 0,05679                       | 0,05679                 | 0,00000                             | 0,02840               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 148  | 357,285      | 0,06431                       | 0,06431                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 150  | 358,485      | 0,00000                       | 0,00000                 | 0,00000                             | 55,29618              | 0,01349         | 0,00000           | 0,00000                | 0,00000                |
| PVB 151  | 359,085      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,02482         | 0,00000           | 0,00000                | 0,00000                |
| PVB 152  | 359,685      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 153  | 360,285      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 154  | 360,885      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| PVB 159  | 364,085      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| 704/1/98 | 367,865      | 0,00000                       | 0,00000                 | 0,00000                             | 0,76261               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| 705/1/98 | 368,465      | 0,00000                       | 0,00000                 | 0,00000                             | 4,87619               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| 707/1/98 | 369,885      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00000               | 0,00000         | 0,00000           | 0,00000                | 0,00000                |
| 711/1/98 | 371,805      | 0,00000                       | 0,00000                 | 0,00000                             | 0,00531               | 0,01592         | 0,00000           | 0,00000                | 0,00000                |

























| Sample | Position (m) | <i>G. ultramicra</i> |           | <i>Globigerinelloides</i> spp. | <i>Gümbelitra cretacea</i> |         | <i>Guembelitra</i> spp. | <i>Hedbergella bizonae</i> |             | <i>H. delrioensis/infracretacea</i> |
|--------|--------------|----------------------|-----------|--------------------------------|----------------------------|---------|-------------------------|----------------------------|-------------|-------------------------------------|
|        |              | <i>G. sp.</i>        |           |                                | <i>G. sp.</i>              |         |                         |                            |             |                                     |
| LE 85  | 99,115       | 0,00000              | 0,00000   | 75,20426                       | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 3685,00872  |                                     |
| LE 93  | 100,715      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 3188,43481  |                                     |
| LE 97  | 101,515      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 143,85811   |                                     |
| LE 100 | 102,115      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 2002,11813  |                                     |
| LE 105 | 103,115      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 1934,51639  |                                     |
| LE 106 | 103,315      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 5913,29341  |                                     |
| LE 107 | 103,415      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 5748,94161  |                                     |
| LE 108 | 103,565      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 5343,20487  |                                     |
| LE 109 | 103,685      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 0,00000     |                                     |
| LE 110 | 103,815      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 0,00000     |                                     |
| LE 111 | 103,815      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 0,00000     |                                     |
| LE 113 | 104,265      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 0,00000     |                                     |
| LE 114 | 104,415      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 0,00000     |                                     |
| LE 115 | 104,715      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 8662,14026  |                                     |
| LE 119 | 105,515      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 5316,71209  |                                     |
| LE 123 | 106,315      | 76,16214             | 0,00000   | 304,64857                      | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 13404,53700 |                                     |
| LE 127 | 107,115      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 5783,92486  |                                     |
| LE 132 | 108,015      | 0,00000              | 228,22120 | 228,22120                      | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 6675,47012  |                                     |
| LE 136 | 108,905      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 20153,06463 |                                     |
| LE 137 | 109,035      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 1394,47921  |                                     |
| LE 138 | 109,115      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 218,95937   |                                     |
| LE 143 | 110,115      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 0,00000     |                                     |
| LE 146 | 110,715      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 37968,48204 |                                     |
| LE 155 | 112,515      | 0,00000              | 0,00000   | 0,00000                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 5274,71336  |                                     |
| LE 157 | 112,865      | 0,00000              | 5,88919   | 7,06702                        | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 94,22699    |                                     |
| LE 159 | 113,215      | 0,00000              | 269,67328 | 269,67328                      | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 4517,02741  |                                     |



| Sample | Position (m) | <i>G. ultramicra</i> |          | <i>Globoquadrina</i> spp. | <i>Gümbelitra cretacea</i> |         | <i>Guembelitra</i> spp. | <i>Hedbergella bizonae</i> |            | <i>H. delrioensis/infracretacea</i> |
|--------|--------------|----------------------|----------|---------------------------|----------------------------|---------|-------------------------|----------------------------|------------|-------------------------------------|
|        |              | <i>G. sp.</i>        |          |                           | <i>G. sp.</i>              |         |                         |                            |            |                                     |
| SA 15  | 132,385      | 0,00000              | 0,00000  | 132,38500                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 4376,43154 |                                     |
| SA 16  | 132,985      | 0,00000              | 0,00000  | 132,98500                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 1943,64839 |                                     |
| SA 17  | 133,585      | 0,00000              | 0,00000  | 133,58500                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 8918,73288 |                                     |
| SA 18  | 134,185      | 0,00000              | 0,00000  | 134,18500                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 1216,84020 |                                     |
| SA 19  | 134,785      | 0,00000              | 34,50135 | 169,28635                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 4692,18329 |                                     |
| SA 20  | 134,9        | 0,00000              | 0,00000  | 134,90000                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 6173,59695 |                                     |
| SA 21  | 135,165      | 0,00000              | 0,00000  | 135,16500                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 1129,96728 |                                     |
| SA 22  | 135,415      | 0,00000              | 0,00000  | 135,41500                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 7512,09201 |                                     |
| SA 23  | 135,715      | 0,00000              | 0,00000  | 135,71500                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 4210,72065 |                                     |
| SA 24  | 136,04       | 0,00000              | 0,00000  | 136,04000                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 2756,89546 |                                     |
| SA 25  | 136,765      | 0,00000              | 82,84790 | 219,61290                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 5675,08091 |                                     |
| SA 26  | 137,365      | 0,00000              | 0,00000  | 137,36500                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 4725,91468 |                                     |
| SA 27  | 137,965      | 0,00000              | 0,00000  | 137,96500                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 9845,03451 |                                     |
| SA 28  | 138,485      | 0,00000              | 0,00000  | 138,48500                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 2239,50405 |                                     |
| SA 29  | 138,58       | 0,00000              | 0,00000  | 138,58000                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 4821,33333 |                                     |
| SA 30  | 139,275      | 0,00000              | 0,00000  | 139,27500                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 6415,94874 |                                     |
| SA 31  | 139,875      | 0,00000              | 0,00000  | 139,87500                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 3240,82028 |                                     |
| SA 32  | 140,475      | 0,00000              | 0,00000  | 184,46598                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 6158,73698 |                                     |
| SA 33  | 141,075      | 0,00000              | 0,00000  | 156,19609                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 997,99173  |                                     |
| SA 34  | 141,675      | 0,00000              | 30,04034 | 231,79601                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 2253,02530 |                                     |
| SA 35  | 142,275      | 0,00000              | 0,00000  | 142,27500                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 5635,36304 |                                     |
| SA 36  | 142,875      | 0,00000              | 0,00000  | 177,76427                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 2180,57922 |                                     |
| SA 38  | 144,075      | 0,00000              | 0,00000  | 187,75169                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 8604,30795 |                                     |
| SA 39  | 144,675      | 0,00000              | 0,00000  | 144,67500                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 4778,60192 |                                     |
| SA 40  | 145,275      | 0,00000              | 0,00000  | 145,27500                 | 0,00000                    | 0,00000 | 0,00000                 | 0,00000                    | 4003,73127 |                                     |
| SA 41  | 145,875      | 0,00000              | 0,00000  | 175,59492                 | 0,00000                    | 0,00000 | 0,00000                 | 29,71992                   | 3863,59019 |                                     |









| Sample | Position (m) | <i>G. ultramicra</i> |            | <i>Globigerinelloides</i> spp. | <i>Gümbelitra cretacea</i> |          | <i>Guembelitra</i> spp. | <i>Hedbergella bizonae</i>          |             |
|--------|--------------|----------------------|------------|--------------------------------|----------------------------|----------|-------------------------|-------------------------------------|-------------|
|        |              | <i>G. sp.</i>        |            |                                | <i>G. sp.</i>              |          |                         | <i>H. delrioensis/infracretacea</i> |             |
| PVB 10 | 276,785      | 0,00000              | 1662,88904 | 2771,44790                     | 2217,05007                 | 0,00000  | 2217,05007              | 0,00000                             | 41570,12855 |
| PVB 11 | 282,435      | 0,00000              | 0,05319    | 0,06383                        | 2091,57447                 | 0,00000  | 2091,57447              | 0,00000                             | 33465,25532 |
| PVB 12 | 283,035      | 0,00000              | 0,00000    | 0,00000                        | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 2245,34087  |
| PVB 13 | 283,635      | 0,00000              | 0,00000    | 0,00000                        | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 15044,26107 |
| PVB 14 | 284,235      | 0,00000              | 194,53811  | 194,53811                      | 778,15246                  | 0,00000  | 778,15246               | 0,00000                             | 17897,54215 |
| PVB 15 | 284,835      | 0,00000              | 223,74363  | 223,74363                      | 223,74363                  | 0,00000  | 223,74363               | 0,00000                             | 8129,42462  |
| PVB 16 | 284,96       | 0,00000              | 116,89498  | 116,89498                      | 116,89498                  | 0,00000  | 116,89498               | 0,00000                             | 4675,79909  |
| PVB 17 | 285,685      | 0,00000              | 0,00000    | 0,00000                        | 0,00000                    | 52,22491 | 52,22491                | 0,00000                             | 5640,66046  |
| PVB 18 | 286,285      | 0,00000              | 155,40592  | 155,42489                      | 310,77390                  | 0,00000  | 310,77390               | 0,00000                             | 16782,07511 |
| PVB 19 | 286,885      | 0,00000              | 0,01458    | 0,04375                        | 238,95574                  | 0,00000  | 238,95574               | 0,00000                             | 25090,59287 |
| PVB 21 | 288,085      | 0,00000              | 0,00000    | 0,00000                        | 5128,99927                 | 0,00000  | 5128,99927              | 0,00000                             | 36758,43682 |
| PVB 22 | 288,685      | 0,00000              | 59,80449   | 59,84097                       | 239,04289                  | 0,00000  | 239,04289               | 0,00000                             | 8247,02364  |
| PVB 23 | 289,285      | 0,00000              | 124,70517  | 124,70517                      | 124,65951                  | 0,00000  | 124,65951               | 0,00000                             | 16205,86624 |
| PVB 24 | 289,885      | 0,00000              | 0,00000    | 0,00720                        | 118,04035                  | 0,00000  | 118,04035               | 0,00000                             | 7141,51297  |
| PVB 25 | 290,485      | 0,00000              | 0,00000    | 0,00000                        | 0,00000                    | 77,90034 | 77,90034                | 0,00000                             | 4829,89730  |
| PVB 26 | 291,085      | 0,00000              | 0,00715    | 0,02146                        | 468,85105                  | 0,00000  | 468,85105               | 0,00000                             | 10139,01846 |
| PVB 27 | 291,235      | 0,00000              | 460,67763  | 460,67763                      | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 3685,50541  |
| PVB 28 | 291,985      | 0,00000              | 0,00000    | 0,00000                        | 461,26126                  | 0,00000  | 461,26126               | 0,00000                             | 8148,94895  |
| PVB 29 | 292,585      | 0,00000              | 79,64998   | 159,32912                      | 398,24988                  | 0,00000  | 398,24988               | 0,00000                             | 9876,61643  |
| PVB 31 | 293,785      | 0,00000              | 0,01114    | 0,02228                        | 91,25543                   | 0,00000  | 91,25543                | 0,00000                             | 10859,41851 |
| PVB 32 | 294,385      | 0,00000              | 0,00000    | 0,00000                        | 0,00000                    | 93,58008 | 93,58008                | 0,00000                             | 2152,49029  |
| PVB 34 | 295,235      | 0,00000              | 71,60580   | 143,22908                      | 143,14171                  | 0,00000  | 143,14171               | 0,00000                             | 6226,71676  |
| PVB 35 | 295,835      | 0,00000              | 141,03469  | 141,03469                      | 282,06938                  | 0,00000  | 282,06938               | 0,00000                             | 987,35474   |
| PVB 36 | 296,435      | 0,00000              | 0,03628    | 0,05442                        | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 11368,54422 |
| PVB 37 | 297,035      | 0,00000              | 0,08192    | 134,39830                      | 939,52650                  | 0,00000  | 939,52650               | 0,00000                             | 19462,08733 |
| PVB 38 | 297,635      | 0,00000              | 0,00000    | 0,09453                        | 387,20655                  | 0,00000  | 387,20655               | 0,00000                             | 14455,90043 |

| Sample | Position (m) | <i>G. ultramicra</i> | <i>G. sp.</i> | <i>Globigerinelloides spp.</i> | <i>Gümbelitra cretacea</i> | <i>G. sp.</i> | <i>Guembelitra spp.</i> | <i>Hedbergella bizonae</i> | <i>H. delrioensis/infracretacea</i> |
|--------|--------------|----------------------|---------------|--------------------------------|----------------------------|---------------|-------------------------|----------------------------|-------------------------------------|
| PVB 41 | 299,36       | 0,00000              | 0,00000       | 0,00000                        | 0,00000                    | 0,00000       | 0,00000                 | 0,00000                    | 512,84404                           |
| PVB 42 | 300,085      | 0,00000              | 82,35058      | 82,39076                       | 411,45153                  | 0,00000       | 411,45153               | 0,00000                    | 6912,44601                          |
| PVB 43 | 300,685      | 0,00000              | 398,54050     | 398,54050                      | 597,81075                  | 0,00000       | 597,81075               | 0,00000                    | 13750,09730                         |
| PVB 44 | 300,86       | 0,00000              | 0,08309       | 0,08309                        | 0,00000                    | 0,00000       | 0,00000                 | 0,00000                    | 2893,14499                          |
| PVB 45 | 301,635      | 0,00000              | 44,51326      | 44,51326                       | 178,00956                  | 0,00000       | 178,00956               | 0,00000                    | 5473,85919                          |
| PVB 48 | 303,435      | 0,00000              | 0,00000       | 0,00000                        | 558,49468                  | 0,00000       | 558,49468               | 0,00000                    | 12622,25252                         |
| PVB 50 | 304,735      | 0,00000              | 0,00000       | 0,00000                        | 228,61395                  | 0,00000       | 228,61395               | 0,01860                    | 13641,06047                         |
| PVB 51 | 305,335      | 0,00000              | 0,03555       | 0,04739                        | 485,30806                  | 0,00000       | 485,30806               | 0,00000                    | 7862,07346                          |
| PVB 52 | 305,935      | 0,00000              | 0,00000       | 0,03295                        | 269,93986                  | 0,00000       | 269,93986               | 0,00000                    | 5533,85781                          |
| PVB 54 | 307,135      | 0,00000              | 0,00000       | 0,00000                        | 0,00000                    | 0,00000       | 0,00000                 | 0,00000                    | 13775,68652                         |
| PVB 55 | 307,735      | 0,00000              | 0,00000       | 0,01003                        | 575,05014                  | 0,00000       | 575,05014               | 0,00000                    | 7639,97192                          |
| PVB 57 | 308,935      | 0,00000              | 0,00000       | 0,00000                        | 0,00000                    | 0,00000       | 0,00000                 | 0,00000                    | 1715,13274                          |
| PVB 58 | 309,535      | 0,00000              | 0,00000       | 181,04077                      | 543,05602                  | 0,00000       | 543,05602               | 0,00000                    | 11042,17214                         |
| PVB 59 | 310,135      | 0,00000              | 86,00525      | 86,00525                       | 430,02625                  | 0,00000       | 430,02625               | 0,00000                    | 7224,50394                          |
| PVB 62 | 311,935      | 0,00000              | 0,00000       | 0,00000                        | 0,00000                    | 0,00000       | 0,00000                 | 0,00000                    | 2014,24673                          |
| PVB 63 | 312,535      | 0,00000              | 0,00918       | 0,01837                        | 601,79982                  | 300,89991     | 902,69972               | 0,00000                    | 20310,79890                         |
| PVB 64 | 313,135      | 0,00000              | 0,09360       | 0,12764                        | 418,24370                  | 0,00000       | 418,24370               | 0,00000                    | 9619,69027                          |
| PVB 65 | 313,735      | 0,00000              | 155,66746     | 155,66746                      | 0,00000                    | 0,00000       | 0,00000                 | 0,00000                    | 5837,53919                          |
| PVB 67 | 314,935      | 0,00000              | 0,05414       | 0,07219                        | 295,68670                  | 0,00000       | 295,68670               | 0,00000                    | 9166,39596                          |
| PVB 68 | 315,535      | 0,00000              | 75,66494      | 75,66494                       | 0,00000                    | 0,00000       | 0,00000                 | 0,00000                    | 6279,44219                          |
| PVB 70 | 316,435      | 0,00000              | 124,27184     | 124,27184                      | 0,00000                    | 0,00000       | 0,00000                 | 0,00000                    | 3106,81129                          |
| PVB 72 | 317,635      | 0,00000              | 0,00000       | 0,02140                        | 262,95741                  | 87,65247      | 350,60989               | 0,00000                    | 9291,17269                          |
| PVB 73 | 318,235      | 0,00000              | 171,59615     | 257,40469                      | 514,78844                  | 0,00000       | 514,78844               | 0,00000                    | 9008,97570                          |
| PVB 74 | 318,835      | 0,00000              | 0,02582       | 0,09469                        | 282,06938                  | 0,00000       | 282,06938               | 0,00000                    | 12129,13833                         |
| PVB 76 | 319,685      | 0,00000              | 108,93617     | 108,93617                      | 871,48936                  | 0,00000       | 871,48936               | 0,00000                    | 7407,80585                          |
| PVB 78 | 320,885      | 0,00000              | 0,00000       | 0,00000                        | 280,86857                  | 468,11429     | 748,98286               | 0,00000                    | 13107,23429                         |

| Sample  | Position (m) | <i>G. ultramicra</i> |           | <i>G. sp.</i> | <i>Globigerinelloides</i> spp. |           | <i>Gümbelitra cretacea</i> |         | <i>G. sp.</i> | <i>Guembelitra</i> spp. |  | <i>Hedbergella bizonae</i> |  | <i>H. delrioensis/infracretacea</i> |
|---------|--------------|----------------------|-----------|---------------|--------------------------------|-----------|----------------------------|---------|---------------|-------------------------|--|----------------------------|--|-------------------------------------|
| PVB 80  | 322,085      | 0,00000              | 46,14691  | 46,14691      | 92,29383                       | 0,00000   | 92,29383                   | 0,00000 | 1938,20415    |                         |  |                            |  |                                     |
| PVB 81  | 322,685      | 0,00000              | 302,06490 | 302,06490     | 1510,32448                     | 0,00000   | 1510,32448                 | 0,00000 | 35341,59292   |                         |  |                            |  |                                     |
| PVB 83  | 323,485      | 0,00000              | 0,00000   | 0,00000       | 0,00000                        | 368,26253 | 368,26253                  | 0,00000 | 6812,90178    |                         |  |                            |  |                                     |
| PVB 84  | 324,085      | 0,00000              | 0,00000   | 0,00000       | 539,21343                      | 0,00000   | 539,21343                  | 0,00000 | 13075,97499   |                         |  |                            |  |                                     |
| PVB 85  | 324,685      | 0,00000              | 0,04115   | 0,04115       | 252,83951                      | 168,55967 | 421,39918                  | 0,00000 | 5562,53086    |                         |  |                            |  |                                     |
| PVB 86  | 325,285      | 0,00000              | 98,86556  | 98,86556      | 395,46223                      | 98,86556  | 494,32778                  | 0,00000 | 8799,03452    |                         |  |                            |  |                                     |
| PVB 87  | 325,885      | 0,00000              | 0,06057   | 0,10095       | 826,97355                      | 0,00000   | 826,97355                  | 0,00000 | 12239,24894   |                         |  |                            |  |                                     |
| PVB 89  | 327,085      | 0,00000              | 0,00000   | 0,02271       | 1209,21994                     | 0,00000   | 1209,21994                 | 0,00000 | 9673,85035    |                         |  |                            |  |                                     |
| PVB 90  | 327,685      | 0,00000              | 0,00000   | 0,00000       | 1210,16348                     | 0,00000   | 1210,16348                 | 0,00000 | 5889,48198    |                         |  |                            |  |                                     |
| PVB 92  | 328,885      | 0,00000              | 176,70908 | 176,76299     | 0,00000                        | 0,00000   | 0,00000                    | 0,01078 | 9010,03882    |                         |  |                            |  |                                     |
| PVB 94  | 329,785      | 0,00836              | 0,01671   | 0,05849       | 273,79679                      | 0,00000   | 273,79679                  | 0,00000 | 15469,55214   |                         |  |                            |  |                                     |
| PVB 96  | 330,985      | 0,00791              | 64,86166  | 64,93281      | 323,79447                      | 0,00000   | 323,79447                  | 0,00000 | 6799,71542    |                         |  |                            |  |                                     |
| PVB 98  | 332,185      | 0,00000              | 71,60451  | 107,40676     | 0,00000                        | 214,65630 | 214,65630                  | 0,00000 | 7047,94305    |                         |  |                            |  |                                     |
| PVB 100 | 333,385      | 0,00000              | 0,00000   | 55,94100      | 503,46900                      | 0,00000   | 503,46900                  | 0,00000 | 6936,69762    |                         |  |                            |  |                                     |
| PVB 101 | 333,985      | 0,00000              | 0,00000   | 0,00000       | 0,00000                        | 46,01213  | 46,01213                   | 0,00000 | 1610,62683    |                         |  |                            |  |                                     |
| PVB 103 | 335,185      | 0,00000              | 0,00000   | 0,02951       | 322,32933                      | 0,00000   | 322,32933                  | 0,00000 | 9105,84301    |                         |  |                            |  |                                     |
| PVB 104 | 335,785      | 0,02005              | 82,24205  | 247,02697     | 1314,26853                     | 0,00000   | 1314,26853                 | 0,00000 | 18154,39687   |                         |  |                            |  |                                     |
| PVB 105 | 336,385      | 0,00000              | 82,30684  | 82,30684      | 0,00000                        | 82,30684  | 82,30684                   | 0,00000 | 6338,00864    |                         |  |                            |  |                                     |
| PVB 107 | 337,585      | 0,00000              | 39,50486  | 157,90386     | 118,37010                      | 197,28350 | 315,65360                  | 0,00000 | 5484,54869    |                         |  |                            |  |                                     |
| PVB 108 | 338,185      | 0,00000              | 64,29692  | 64,29692      | 642,81230                      | 128,56246 | 771,37476                  | 0,00000 | 8420,91965    |                         |  |                            |  |                                     |
| PVB 110 | 339,385      | 0,00000              | 117,44803 | 117,44803     | 1174,48029                     | 0,00000   | 1174,48029                 | 0,00000 | 12802,49462   |                         |  |                            |  |                                     |
| PVB 111 | 339,485      | 0,00000              | 90,02417  | 90,02417      | 180,00439                      | 0,00000   | 180,00439                  | 0,00000 | 3510,39332    |                         |  |                            |  |                                     |
| PVB 113 | 340,785      | 0,00000              | 0,01031   | 84,60349      | 591,35815                      | 0,00000   | 591,35815                  | 0,00000 | 6506,22873    |                         |  |                            |  |                                     |
| PVB 115 | 341,985      | 0,00000              | 162,83045 | 162,84039     | 814,15226                      | 0,00000   | 814,15226                  | 0,00000 | 9444,27549    |                         |  |                            |  |                                     |
| PVB 116 | 342,085      | 0,00000              | 0,00000   | 0,00000       | 0,00000                        | 0,00000   | 0,00000                    | 0,00000 | 6595,53841    |                         |  |                            |  |                                     |
| PVB 117 | 342,185      | 0,00000              | 0,07792   | 0,13636       | 558,52732                      | 0,00000   | 558,52732                  | 0,00000 | 13006,19460   |                         |  |                            |  |                                     |



| Sample   | Position (m) | <i>G. ultramicra</i> |          | <i>Globigerinelloides</i> spp. | <i>Gümbelitra cretacea</i> |          | <i>Guembelitra</i> spp. | <i>Hedbergella bizonae</i>          |            |
|----------|--------------|----------------------|----------|--------------------------------|----------------------------|----------|-------------------------|-------------------------------------|------------|
|          |              | <i>G. sp.</i>        |          |                                | <i>G. sp.</i>              |          |                         | <i>H. delrioensis/infracretacea</i> |            |
| 714/1/98 | 373,125      | 0,00000              | 0,00000  | 373,12500                      | 92,30423                   | 0,00000  | 92,30423                | 0,00000                             | 8823,39155 |
| 717/1/98 | 374,795      | 1,60000              | 0,00000  | 378,89500                      | 256,00000                  | 0,00000  | 256,00000               | 0,00000                             | 4659,27500 |
| 718/1/98 | 375,415      | 0,00000              | 0,00000  | 375,41500                      | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 2024,86146 |
| 721/1/98 | 378,625      | 0,00000              | 0,00000  | 378,62500                      | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 671,19080  |
| 722/1/98 | 378,995      | 0,00000              | 0,00000  | 378,99500                      | 528,51613                  | 0,00000  | 528,51613               | 0,00000                             | 6947,17339 |
| 727/1/98 | 381,055      | 0,00000              | 0,85333  | 383,61500                      | 54,61333                   | 27,30667 | 81,92000                | 0,00000                             | 2673,06667 |
| 728/1/98 | 381,535      | 1,60502              | 0,00000  | 383,34064                      | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 1475,61129 |
| 730/1/98 | 382,615      | 0,00000              | 0,00000  | 382,61500                      | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 33,04678   |
| 732/2/98 | 383,145      | 0,00000              | 0,00000  | 383,14500                      | 41,37374                   | 0,00000  | 41,37374                | 0,00000                             | 1982,21717 |
| 734/1/98 | 383,965      | 0,00000              | 0,01932  | 384,06162                      | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 56,65700   |
| 736/2/98 | 384,975      | 0,00000              | 0,65979  | 385,63479                      | 42,22680                   | 0,00000  | 42,22680                | 0,00000                             | 695,25773  |
| 739/3/98 | 386,645      | 0,00000              | 2,79781  | 389,44281                      | 89,53005                   | 67,14754 | 156,67760               | 0,00000                             | 618,46448  |
| 740/2/98 | 387,085      | 210,05128            | 0,82051  | 210,87179                      | 420,10256                  | 0,00000  | 420,10256               | 0,00000                             | 9452,48718 |
| 742/2/98 | 387,795      | 0,00000              | 0,00000  | 387,79500                      | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 4177,64928 |
| 744/2/98 | 388,855      | 0,00000              | 0,00000  | 388,85500                      | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 4324,59783 |
| 745/4/98 | 389,465      | 0,00000              | 0,00000  | 389,46500                      | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 7,13333    |
| 746/2/98 | 390,255      | 0,00000              | 0,00000  | 390,25500                      | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 963,99449  |
| 747/4/98 | 390,805      | 0,00000              | 0,00000  | 390,81005                      | 330,98990                  | 0,00000  | 330,98990               | 0,00000                             | 6167,32828 |
| 748/2/98 | 391,365      | 0,00000              | 0,00000  | 391,36500                      | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 9306,11400 |
| 750/2/98 | 393,075      | 0,00000              | 0,00000  | 0,00000                        | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 1872,45714 |
| 755/3/98 | 395,955      | 0,00000              | 0,00000  | 395,95500                      | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 504,35077  |
| 756/3/98 | 396,355      | 0,00000              | 0,00000  | 396,35500                      | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 0,11702    |
| 759/2/99 | 397,745      | 0,00000              | 0,00000  | 397,74500                      | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 34,47912   |
| 761/5/98 | 399,355      | 0,00000              | 0,00444  | 0,00889                        | 0,00000                    | 0,00000  | 0,00000                 | 0,00000                             | 2399,78222 |
| 767/3/98 | 403,965      | 0,00000              | 20,42893 | 20,42893                       | 61,28678                   | 0,00000  | 61,28678                | 0,00000                             | 1657,97007 |
| 775/2/98 | 407,825      | 0,00000              | 0,00000  | 0,00000                        | 149,96796                  | 0,00000  | 149,96796               | 0,00000                             | 3446,48055 |

| Sample    | Position (m) | <i>G. ultramirica</i> |           | <i>G. sp.</i> | <i>Globigerinelloides</i> spp. |         | <i>Gümbelitra cretacea</i> |         | <i>G. sp.</i> | <i>Guembelitra</i> spp. |         | <i>Hedbergella bizonae</i> |            | <i>H. delrioensis/infracretacea</i> |
|-----------|--------------|-----------------------|-----------|---------------|--------------------------------|---------|----------------------------|---------|---------------|-------------------------|---------|----------------------------|------------|-------------------------------------|
| 776/10/98 | 409,065      | 0,00000               | 0,00000   | 409,06500     | 0,00000                        | 0,00000 | 0,00000                    | 0,00000 | 0,00000       | 0,00000                 | 0,00000 | 0,00000                    | 1981,09302 |                                     |
| 777/3/98  | 409,725      | 0,00000               | 42,44560  | 452,17060     | 0,00000                        | 0,00000 | 0,00000                    | 0,00000 | 0,00000       | 0,00000                 | 0,00000 | 0,00000                    | 963,68912  |                                     |
| 781/1/98  | 411,445      | 4,46979               | 148,99313 | 153,46293     | 0,00000                        | 0,00000 | 0,00000                    | 0,00000 | 0,00000       | 0,00000                 | 0,00000 | 0,00000                    | 676,74310  |                                     |
| 781/2/98  | 411,525      | 0,00000               | 0,00000   | 0,00000       | 0,00000                        | 0,00000 | 0,00000                    | 0,00000 | 0,00000       | 0,00000                 | 0,00000 | 0,00000                    | 64,10667   |                                     |
| 781/3/98  | 411,705      | 1,53902               | 594,06036 | 595,61140     | 0,00000                        | 0,00000 | 0,00000                    | 0,00000 | 0,00000       | 0,00000                 | 0,00000 | 0,00000                    | 984,51365  |                                     |
| 781/4/98  | 411,835      | 0,00000               | 3,06455   | 14,70983      | 176,51791                      | 0,00000 | 176,51791                  | 0,00000 | 176,51791     | 0,00000                 | 0,00000 | 0,00000                    | 711,80808  |                                     |
| 782/1/98  | 412,015      | 0,00000               | 178,43960 | 178,43960     | 16,22178                       | 0,00000 | 16,22178                   | 0,00000 | 16,22178      | 0,00000                 | 0,00000 | 0,00000                    | 461,90099  |                                     |
| 782/2/98  | 412,115      | 0,00000               | 274,52706 | 274,52706     | 315,35416                      | 0,00000 | 315,35416                  | 0,00000 | 315,35416     | 0,00000                 | 0,00000 | 0,00000                    | 935,30576  |                                     |
| 782/4/98  | 412,315      | 0,00000               | 20,22117  | 20,22117      | 107,84623                      | 0,00000 | 107,84623                  | 0,00000 | 107,84623     | 0,00000                 | 0,00000 | 0,00000                    | 527,64613  |                                     |
| 782/6/98  | 412,515      | 7,30733               | 0,00000   | 7,61180       | 77,94481                       | 0,00000 | 77,94481                   | 0,00000 | 77,94481      | 0,00000                 | 0,00000 | 0,00000                    | 380,20932  |                                     |
| 782/7/98  | 412,615      | 16,95496              | 235,37479 | 259,31120     | 414,89793                      | 0,00000 | 414,89793                  | 0,00000 | 414,89793     | 0,00000                 | 0,00000 | 0,00000                    | 743,49384  |                                     |
| 783/1/98  | 412,795      | 99,69980              | 199,39959 | 299,09939     | 99,69980                       | 0,00000 | 99,69980                   | 0,00000 | 99,69980      | 0,00000                 | 0,00000 | 0,00000                    | 699,99391  |                                     |
| 784/1/98  | 412,995      | 3,17303               | 450,57015 | 453,74318     | 81,86415                       | 0,00000 | 81,86415                   | 0,00000 | 81,86415      | 0,00000                 | 0,00000 | 0,00000                    | 682,83589  |                                     |
| 784/2/98  | 413,115      | 4,20815               | 3,60699   | 7,81514       | 153,89818                      | 0,00000 | 153,89818                  | 0,00000 | 153,89818     | 0,00000                 | 0,00000 | 0,00000                    | 1797,23840 |                                     |
| 784/3/98  | 413,235      | 0,00000               | 0,00000   | 0,00000       | 19,75563                       | 0,00000 | 19,75563                   | 0,00000 | 19,75563      | 0,00000                 | 0,00000 | 0,00000                    | 913,52090  |                                     |
| 784/5/98  | 413,475      | 15,29423              | 331,37509 | 347,30658     | 81,56925                       | 0,00000 | 81,56925                   | 0,00000 | 81,56925      | 0,00000                 | 0,00000 | 0,00000                    | 460,73882  |                                     |
| 784/6/98  | 413,595      | 54,55955              | 851,45957 | 906,01912     | 211,62490                      | 0,00000 | 211,62490                  | 0,00000 | 211,62490     | 0,00000                 | 0,00000 | 0,00000                    | 1729,63059 |                                     |
| 785/1/98  | 413,795      | 0,00000               | 170,31009 | 170,31009     | 67,56103                       | 0,00000 | 67,56103                   | 0,00000 | 67,56103      | 0,00000                 | 0,00000 | 0,00000                    | 1983,61557 |                                     |
| 786/1/98  | 413,895      | 2,62322               | 125,91454 | 128,55825     | 20,98576                       | 0,00000 | 20,98576                   | 0,00000 | 20,98576      | 0,00000                 | 0,00000 | 0,00000                    | 355,20033  |                                     |
| 786/2/98  | 413,945      | 0,00000               | 41,47708  | 41,47708      | 13,82569                       | 0,00000 | 13,82569                   | 0,00000 | 13,82569      | 0,00000                 | 0,00000 | 0,00000                    | 238,26369  |                                     |
| 786/3/98  | 413,995      | 13,92439              | 87,02747  | 100,95186     | 27,84879                       | 0,00000 | 27,84879                   | 0,00000 | 27,84879      | 0,00000                 | 0,00000 | 0,00000                    | 1071,30813 |                                     |
| 787/1/98  | 414,095      | 26,89641              | 177,60034 | 204,83295     | 215,17125                      | 0,00000 | 215,17125                  | 0,00000 | 215,17125     | 0,00000                 | 0,00000 | 0,00000                    | 1666,56861 |                                     |
| 787/2/98  | 414,145      | 23,09167              | 161,64167 | 184,73334     | 207,82501                      | 0,00000 | 207,82501                  | 0,00000 | 207,82501     | 0,00000                 | 0,00000 | 0,00000                    | 569,71474  |                                     |
| 787/3/98  | 414,195      | 31,54868              | 38,55950  | 70,10817      | 56,08654                       | 0,00000 | 56,08654                   | 0,00000 | 56,08654      | 0,00000                 | 0,00000 | 0,00000                    | 172,42229  |                                     |
| 788/1/98  | 414,385      | 0,00000               | 4,78505   | 4,78505       | 51,04050                       | 0,00000 | 51,04050                   | 0,00000 | 51,04050      | 0,00000                 | 0,00000 | 0,00000                    | 32,57321   |                                     |
| 788/2/98  | 414,525      | 24,42602              | 97,70410  | 122,13012     | 73,27807                       | 0,00000 | 73,27807                   | 0,00000 | 73,27807      | 0,00000                 | 0,00000 | 0,00000                    | 870,51106  |                                     |



| Sample    | Position (m) | <i>G. ultramirica</i> |           | <i>G. sp.</i> | <i>Globigerinelloides</i> spp. |         | <i>Gümbelitra cretacea</i> | <i>G. sp.</i> | <i>Guembelitra</i> spp. | <i>Hedbergella bizonae</i> |            | <i>H. delrioensis/infracretacea</i> |
|-----------|--------------|-----------------------|-----------|---------------|--------------------------------|---------|----------------------------|---------------|-------------------------|----------------------------|------------|-------------------------------------|
| 789/1/98  | 414,725      | 107,58357             | 110,04776 | 217,63133     | 58,68195                       | 0,00000 | 58,68195                   | 0,00000       | 58,68195                | 0,00000                    | 1419,41738 |                                     |
| 789/2/98  | 414,775      | 105,49224             | 316,47672 | 421,96897     | 632,95345                      | 0,00000 | 632,95345                  | 0,00000       | 632,95345               | 0,00000                    | 1551,12356 |                                     |
| 789/3/98  | 414,825      | 66,65278              | 175,29681 | 241,94959     | 63,98667                       | 0,00000 | 63,98667                   | 0,00000       | 63,98667                | 0,00000                    | 1314,63237 |                                     |
| 789/4/98  | 414,875      | 33,66944              | 161,33275 | 196,40509     | 67,33889                       | 0,00000 | 67,33889                   | 0,00000       | 67,33889                | 0,00000                    | 1290,57431 |                                     |
| 789/5/98  | 414,925      | 4,14201               | 230,76923 | 234,91124     | 227,21893                      | 0,00000 | 227,21893                  | 0,00000       | 227,21893               | 0,00000                    | 781,94342  |                                     |
| 789/6/98  | 414,975      | 11,91067              | 242,18362 | 254,09429     | 211,74524                      | 0,00000 | 211,74524                  | 0,00000       | 211,74524               | 0,00000                    | 856,21381  |                                     |
| 789/7/98  | 415,025      | 175,09262             | 291,82103 | 466,91365     | 233,45683                      | 0,00000 | 233,45683                  | 0,00000       | 233,45683               | 0,00000                    | 1587,17583 |                                     |
| 789/8/98  | 415,075      | 5,98019               | 212,59578 | 218,59466     | 95,68305                       | 0,00000 | 95,68305                   | 0,00000       | 95,68305                | 0,00000                    | 983,34891  |                                     |
| 790/1/98  | 415,225      | 4,58585               | 93,29897  | 97,88482      | 2,27515                        | 0,00000 | 2,27515                    | 0,00000       | 2,27515                 | 0,00000                    | 102,39957  |                                     |
| 790/2/98  | 415,375      | 0,00000               | 0,00000   | 0,00000       | 87,77143                       | 0,00000 | 87,77143                   | 0,00000       | 87,77143                | 0,00000                    | 31,51429   |                                     |
| 791/1/98  | 415,825      | 50,07931              | 250,40711 | 303,20398     | 151,59141                      | 0,00000 | 151,59141                  | 0,00000       | 151,59141               | 0,00000                    | 642,10638  |                                     |
| 792/1/98  | 416,125      | 11,97493              | 143,69913 | 155,67406     | 76,63954                       | 0,00000 | 76,63954                   | 0,00000       | 76,63954                | 0,00000                    | 715,15577  |                                     |
| 792/2/98  | 416,325      | 2,76637               | 8,99071   | 11,75708      | 22,13097                       | 0,00000 | 22,13097                   | 0,00000       | 22,13097                | 0,00000                    | 107,48865  |                                     |
| 792/3/98  | 416,525      | 54,12528              | 232,86459 | 286,98987     | 143,49494                      | 0,00000 | 143,49494                  | 0,00000       | 143,49494               | 0,00000                    | 848,40201  |                                     |
| 792/4/98  | 416,725      | 5,80341               | 117,80921 | 125,35365     | 74,28364                       | 0,00000 | 74,28364                   | 0,00000       | 74,28364                | 0,00000                    | 1192,69133 |                                     |
| 792/5/98  | 416,925      | 20,16542              | 118,47184 | 138,63726     | 80,66168                       | 0,00000 | 80,66168                   | 0,00000       | 80,66168                | 0,00000                    | 381,05553  |                                     |
| 793/1/98  | 417,245      | 59,42073              | 248,01695 | 307,47805     | 62,00424                       | 0,00000 | 62,00424                   | 0,00000       | 62,00424                | 0,00000                    | 1000,62569 |                                     |
| 793/2/98  | 417,315      | 52,82311              | 725,19227 | 778,01538     | 845,16976                      | 0,00000 | 845,16976                  | 0,00000       | 845,16976               | 0,00000                    | 2028,28738 |                                     |
| 793/3/98  | 417,385      | 8,38703               | 39,13946  | 47,52648      | 78,27891                       | 0,00000 | 78,27891                   | 0,00000       | 78,27891                | 0,00000                    | 440,26428  |                                     |
| 794/1/98  | 417,545      | 29,36742              | 145,46050 | 177,64667     | 134,25107                      | 0,00000 | 134,25107                  | 0,00000       | 134,25107               | 0,00000                    | 696,05594  |                                     |
| 794/2/98  | 417,615      | 55,62268              | 111,24536 | 166,86804     | 97,67886                       | 0,00000 | 97,67886                   | 0,00000       | 97,67886                | 0,00000                    | 1093,69369 |                                     |
| 794/3/98  | 417,725      | 0,00000               | 339,76165 | 339,76165     | 110,94258                      | 0,00000 | 110,94258                  | 0,00000       | 110,94258               | 0,00000                    | 767,47923  |                                     |
| 800/1/99  | 422,825      | 71,41487              | 0,00000   | 71,41487      | 0,00000                        | 0,00000 | 35,70744                   | 0,00000       | 35,70744                | 0,00000                    | 5499,72975 |                                     |
| 802/2/99  | 426,675      | 0,00000               | 0,00000   | 0,00000       | 0,00000                        | 0,00000 | 0,00000                    | 0,00000       | 0,00000                 | 0,00000                    | 553,78903  |                                     |
| 803/12/99 | 429,175      | 0,00000               | 0,00000   | 429,17500     | 55,41126                       | 0,00000 | 55,41126                   | 0,00000       | 55,41126                | 0,00000                    | 1202,09235 |                                     |
| 804/1/99  | 432,525      | 0,00000               | 0,00000   | 0,00000       | 0,00000                        | 4,72979 | 4,72979                    | 0,00000       | 4,72979                 | 0,00000                    | 71,13164   |                                     |

| Sample   | Position (m) | <i>G. ultramicro</i> |         | <i>G. sp.</i> | <i>Globigerinelloides</i> spp. |          | <i>Gümbelitra cretacea</i> | <i>G. sp.</i> | <i>Guembelitra</i> spp. | <i>Hedbergella bizonae</i> | <i>H. delrioensis/infracretacea</i> |
|----------|--------------|----------------------|---------|---------------|--------------------------------|----------|----------------------------|---------------|-------------------------|----------------------------|-------------------------------------|
| 806/1/99 | 433,195      | 0,00000              | 0,00000 | 433,19500     | 0,00000                        | 0,00000  | 0,00000                    | 0,00000       | 0,00000                 | 0,00000                    | 4254,52771                          |
| 808/3/99 | 434,165      | 0,00000              | 0,00000 | 0,00000       | 0,00000                        | 18,28163 | 18,28163                   | 0,00000       | 0,00000                 | 0,00000                    | 786,36911                           |
| 810/3/99 | 435,605      | 0,00000              | 0,00000 | 435,60500     | 0,00000                        | 0,00000  | 0,00000                    | 0,00000       | 0,00000                 | 0,00000                    | 642,48258                           |
| 811/1/99 | 438,805      | 0,00000              | 0,00000 | 438,80500     | 70,23621                       | 0,00000  | 70,23621                   | 0,00000       | 0,00000                 | 0,00000                    | 2388,45972                          |
| 813/2/99 | 440,125      | 0,00000              | 0,00000 | 440,12500     | 75,15596                       | 0,00000  | 75,15596                   | 0,00000       | 0,00000                 | 0,00000                    | 2104,47248                          |



| Sample   | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|----------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| PG221/3  | 27,59        | 0,00000             | 0,00000               | 0,00000              | 6,12880              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG222/1  | 27,64        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG222/2  | 27,7         | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG222/3  | 27,77        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG223/1  | 27,87        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG223/2  | 28,03        | 0,00000             | 0,00000               | 0,00000              | 0,78585              | 0,00000          | 0,18491          | 0,55472           | 0,00000             |
| PG223/3  | 28,19        | 0,00000             | 0,00000               | 0,00000              | 3,80477              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG224/1  | 28,29        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG224/2  | 28,4         | 0,00000             | 0,00000               | 0,00000              | 0,02320              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG225/1  | 28,62        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG225/2  | 28,73        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG226/1  | 28,89        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG226/2  | 28,94        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG226/3  | 28,99        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG226/4  | 29,04        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG226/5  | 29,09        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG226/6  | 29,14        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG226/7  | 29,19        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG226/8  | 29,24        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG226/9  | 29,29        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG226/10 | 29,34        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PG226/11 | 29,39        | 0,00000             | 0,00000               | 0,00000              | 0,10968              | 0,00000          | 0,00000          | 0,04113           | 0,00000             |
| PG226/12 | 29,44        | 0,00000             | 0,00000               | 0,00000              | 187,90906            | 0,00000          | 73,07575         | 62,63635          | 0,00000             |
| PG226/13 | 29,49        | 0,00000             | 0,00000               | 0,00000              | 19,81205             | 0,00000          | 0,00000          | 16,98176          | 0,00000             |
| PG226/14 | 29,54        | 0,00000             | 0,00000               | 0,00000              | 10,51011             | 0,00000          | 0,00000          | 5,25505           | 0,00000             |
| PG226/15 | 29,59        | 0,00000             | 0,00000               | 0,00000              | 13,32177             | 0,00000          | 0,00000          | 13,32177          | 0,00000             |



| Sample              | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|---------------------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| OUS 175             | 49,99        | 0,00000             | 2,79354               | 0,00000              | 8,38062              | 0,00000          | 13,96770         | 0,00000           | 0,00000             |
| OUS 185             | 51,04        | 0,00000             | 26,56061              | 0,00000              | 30,98738             | 0,00000          | 376,27529        | 48,69445          | 4,42677             |
| OUS 194             | 52           | 0,00000             | 0,00000               | 0,00000              | 1,14726              | 0,00000          | 1,14726          | 0,00000           | 0,00000             |
| OUS 203             | 52,99        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| OUS 212             | 53,99        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 4,72063          | 0,00000           | 0,00000             |
| OUS 230             | 55,95        | 0,00000             | 0,00000               | 0,00000              | 3,74488              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| OUS 256             | 58,94        | 0,00000             | 0,00000               | 0,00000              | 4,28022              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| OUS 265             | 59,87        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| OUS 276             | 60,99        | 0,00000             | 0,00000               | 0,00000              | 5,73734              | 0,00000          | 1,91245          | 0,00000           | 0,00000             |
| OUS 288             | 62,25        | 0,00000             | 11,11433              | 0,00000              | 11,11433             | 0,00000          | 14,81910         | 0,00000           | 0,00000             |
| OUS 295             | 63,02        | 0,00000             | 16,37701              | 0,00000              | 10,91801             | 0,00000          | 27,29502         | 0,00000           | 5,45900             |
| 0.95 m not measured |              |                     |                       |                      |                      |                  |                  |                   |                     |
| OUS 314             | 65,94        | 0,00000             | 32,13053              | 0,00000              | 48,19580             | 0,00000          | 88,35896         | 8,03263           | 8,03263             |
| OUS 324             | 67,09        | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| OUS 334             | 68,09        | 0,00000             | 90,55269              | 0,00000              | 166,01326            | 0,00000          | 407,48710        | 45,27634          | 15,09211            |
| OUS 343             | 68,99        | 0,00000             | 13,75522              | 0,00000              | 10,69851             | 0,00000          | 32,09552         | 0,00000           | 3,05672             |
| OUS 353             | 69,99        | 0,00000             | 0,00000               | 0,00000              | 12,85302             | 0,00000          | 70,69160         | 38,55906          | 0,00000             |
| MP2/25              | 72,39        | 0,00000             | 53,45630              | 0,00000              | 106,91260            | 0,00000          | 106,91260        | 80,18445          | 0,00000             |
| MP2/30              | 73,015       | 0,00000             | 25,12267              | 0,00000              | 25,12267             | 0,00000          | 46,05823         | 20,93556          | 0,00000             |
| MP2/35              | 73,615       | 0,00000             | 111,36992             | 0,00000              | 352,67141            | 0,00000          | 74,24661         | 222,73984         | 18,56165            |
| MP2/40              | 74,215       | 0,00000             | 508,18859             | 0,00000              | 1143,42432           | 0,00000          | 381,14144        | 63,52357          | 317,61787           |
| MP2                 | 74,815       | 0,00000             | 0,00000               | 0,00000              | 18,89648             | 0,00000          | 0,00000          | 56,80015          | 0,00000             |
| MP9                 | 75,415       | 0,00000             | 0,00000               | 11,54388             | 57,71941             | 0,00000          | 69,26329         | 103,89493         | 0,00000             |
| MP15                | 76,015       | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| MP21                | 76,615       | 0,00000             | 86,14676              | 0,00000              | 265,14429            | 0,00000          | 172,29351        | 128,71733         | 42,90578            |
| MP22                | 76,715       | 0,00000             | 82,40481              | 0,00000              | 247,53507            | 0,00000          | 123,12625        | 328,97796         | 41,04208            |

| Sample | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|--------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| MP23   | 76,815       | 0,00000             | 0,59095               | 0,00000              | 57,91320             | 0,00000          | 60,27701         | 95,14312          | 0,00000             |
| MP24   | 76,915       | 0,00000             | 0,34079               | 0,00000              | 219,12673            | 0,00000          | 45,32481         | 43,62087          | 0,00000             |
| MP25   | 77,015       | 0,00000             | 9,80180               | 0,00000              | 46,70270             | 0,00000          | 9,22523          | 9,22523           | 0,00000             |
| MP26   | 77,115       | 0,00000             | 0,91866               | 0,00000              | 60,01914             | 0,00000          | 2,14354          | 60,63158          | 0,00000             |
| MP27   | 77,215       | 0,00000             | 13,04890              | 0,00000              | 62,82802             | 0,00000          | 28,51425         | 0,00000           | 20,29828            |
| MP28   | 77,315       | 0,00000             | 0,82554               | 0,00000              | 132,49919            | 0,00000          | 81,72847         | 0,00000           | 53,66011            |
| MP29   | 77,415       | 0,00000             | 28,16737              | 0,00000              | 171,90382            | 0,00000          | 31,06696         | 0,00000           | 14,49791            |
| MP30   | 77,515       | 0,00000             | 87,87799              | 0,00000              | 390,08438            | 0,00000          | 85,86552         | 0,00000           | 1,34165             |
| MP31   | 77,64        | 0,00000             | 0,24686               | 0,00000              | 830,67191            | 0,00000          | 157,98812        | 0,00000           | 64,18267            |
| MP32   | 77,715       | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 9,72053          | 6,22114           | 0,00000             |
| MP33   | 77,765       | 0,00000             | 0,03250               | 0,00000              | 4,28954              | 0,00000          | 4,22455          | 0,00000           | 0,00000             |
| MP34   | 77,815       | 0,00000             | 3,05487               | 0,00000              | 6,29773              | 0,00000          | 9,02362          | 0,04700           | 0,09400             |
| MP35   | 77,865       | 0,00000             | 249,68153             | 0,00000              | 703,18471            | 0,00000          | 512,10191        | 0,00000           | 12,73885            |
| MP36   | 77,915       | 0,00000             | 0,00000               | 2,86353              | 3363,75839           | 0,00000          | 51,54362         | 217,62864         | 0,00000             |
| MP37   | 77,94        | 0,00000             | 29,88115              | 0,00000              | 127,22128            | 0,00000          | 30,78664         | 0,00000           | 1,81098             |
| MP39   | 78,065       | 0,00000             | 52,59269              | 0,00000              | 159,30692            | 0,00000          | 27,41751         | 0,00000           | 78,99095            |
| MP40   | 78,115       | 0,00000             | 0,00000               | 0,00000              | 28,32618             | 0,00000          | 27,46781         | 41,20172          | 0,00000             |
| MP42   | 78,215       | 0,00000             | 4,71976               | 0,00000              | 19,76401             | 0,00000          | 7,96460          | 0,00000           | 0,14749             |
| MP44   | 78,315       | 0,00000             | 19,48295              | 0,00000              | 50,05620             | 0,00000          | 77,63207         | 0,00000           | 11,09030            |
| MP45   | 78,34        | 0,00000             | 0,23676               | 0,00000              | 61,31992             | 0,00000          | 15,86268         | 0,00000           | 0,47351             |
| MPP57  | 78,39        | 0,00000             | 0,00000               | 0,00000              | 0,11895              | 0,00000          | 0,00000          | 0,00000           | 0,05948             |
| MPP54  | 78,46        | 0,00000             | 8,41621               | 0,00000              | 149,38769            | 0,00000          | 31,56078         | 0,00000           | 16,83242            |
| MPP52  | 78,48        | 0,00000             | 0,00000               | 0,00000              | 823,60656            | 0,00000          | 181,85792        | 0,00000           | 129,39891           |
| MPP48  | 78,54        | 0,00000             | 0,73941               | 0,00000              | 196,68419            | 0,00000          | 47,32251         | 0,00000           | 26,61891            |
| MPP46  | 78,63        | 0,00000             | 0,00000               | 0,00000              | 736,86690            | 0,00000          | 248,76325        | 0,00000           | 133,80448           |
| MPP45  | 78,67        | 0,00000             | 2,12342               | 0,00000              | 78,56669             | 0,00000          | 7,43198          | 1,06171           | 3,18514             |

| Sample | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|--------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| MPP44  | 78,727       | 0,00000             | 0,00000               | 0,00000              | 15,98939             | 0,00000          | 5,22103          | 0,00000           | 5,22103             |
| MPP43  | 78,784       | 0,00000             | 90,37404              | 0,00000              | 284,22982            | 0,00000          | 134,52625        | 0,68988           | 44,84208            |
| MPP42  | 78,841       | 0,00000             | 283,41117             | 0,00000              | 573,46480            | 0,00000          | 292,26777        | 0,00000           | 1,10707             |
| MPP41  | 78,898       | 0,00000             | 0,00000               | 0,00000              | 898,36843            | 0,00000          | 599,69009        | 0,00000           | 0,00000             |
| MPP38  | 78,955       | 0,00000             | 0,22586               | 0,00000              | 116,54433            | 0,00000          | 116,09260        | 0,00000           | 0,00000             |
| MPP36  | 79,012       | 0,00000             | 32,37177              | 0,00000              | 132,52193            | 0,00000          | 98,12693         | 0,00000           | 34,39501            |
| MPP34  | 79,069       | 0,00000             | 29,47187              | 0,00000              | 447,60397            | 0,00000          | 176,83120        | 0,00000           | 0,00000             |
| MPP33  | 79,126       | 0,00000             | 2,22483               | 0,00000              | 166,86221            | 0,00000          | 57,84557         | 0,00000           | 20,02346            |
| MPP29  | 79,183       | 0,00000             | 234,51435             | 0,00000              | 1576,07436           | 0,00000          | 579,38839        | 0,00000           | 448,33625           |
| MPP27  | 79,24        | 0,00000             | 26,76075              | 0,00000              | 143,83902            | 0,00000          | 60,21168         | 0,00000           | 10,03528            |
| MPP25  | 79,297       | 0,00000             | 16,49883              | 0,00000              | 181,48715            | 0,00000          | 84,55651         | 0,00000           | 49,49650            |
| MPP23  | 79,354       | 0,00000             | 0,00000               | 0,00000              | 604,57565            | 0,00000          | 151,14391        | 0,00000           | 335,14519           |
| MPP19  | 79,411       | 0,00000             | 244,82965             | 0,00000              | 535,56485            | 0,00000          | 1729,10938       | 0,00000           | 0,00000             |
| MPP17  | 79,468       | 0,00000             | 162,70109             | 0,00000              | 172,86991            | 0,00000          | 183,03873        | 0,00000           | 81,35055            |
| MPP15  | 79,525       | 0,00000             | 29,92621              | 0,00000              | 45,21078             | 0,00000          | 59,88164         | 0,00000           | 29,92621            |
| MPP13  | 79,582       | 0,00000             | 4,25957               | 0,00000              | 13,84359             | 0,00000          | 12,77870         | 0,00000           | 4,25957             |
| MPP7   | 79,639       | 0,00000             | 3,05526               | 0,00000              | 10,50245             | 0,00000          | 33,60783         | 0,00000           | 6,11051             |
| MPP5   | 79,696       | 0,00000             | 0,69770               | 0,00000              | 270,35866            | 0,00000          | 0,69770          | 0,00000           | 0,34885             |
| MPP3   | 79,753       | 0,00000             | 0,00000               | 0,00000              | 111,93852            | 0,00000          | 27,13661         | 0,00000           | 0,84802             |
| MPP2   | 79,81        | 0,00000             | 43,69999              | 0,00000              | 1639,43241           | 0,00000          | 22,53281         | 0,00000           | 0,00000             |
| MPP1   | 79,867       | 0,00000             | 0,16852               | 0,00000              | 120,06951            | 0,00000          | 21,99168         | 0,00000           | 0,00000             |
| MPP1/6 | 79,94        | 0,00000             | 24,57403              | 0,00000              | 115,57475            | 0,00000          | 37,82097         | 0,38397           | 24,76602            |
| MPP1/5 | 79,96        | 0,00000             | 14,22036              | 0,00000              | 781,28349            | 0,00000          | 217,48791        | 1,67298           | 0,00000             |
| MPP1/4 | 79,97        | 0,00000             | 1,31836               | 0,00000              | 93,60387             | 0,00000          | 466,70100        | 0,00000           | 44,82439            |
| MPP1/3 | 79,99        | 0,00000             | 0,10379               | 0,00000              | 40,47743             | 0,00000          | 26,56980         | 0,00000           | 0,00000             |
| MPP1/2 | 80,02        | 0,00000             | 82,09547              | 0,00000              | 327,75520            | 0,00000          | 80,21542         | 0,00000           | 41,98776            |



| Sample | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|--------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| MPP1/1 | 80,05        | 0,00000             | 113,39102             | 0,00000              | 293,58605            | 0,00000          | 58,01401         | 0,00000           | 57,13501            |
| MP46   | 80,052       | 0,00000             | 21,17890              | 10,58945             | 63,53671             | 0,00000          | 52,94726         | 0,00000           | 0,00000             |
| MP47   | 80,068       | 0,00000             | 10,44898              | 0,00000              | 27,86395             | 0,00000          | 20,89796         | 20,89796          | 3,48299             |
| MP52   | 80,205       | 0,00000             | 97,19626              | 0,00000              | 66,79128             | 0,00000          | 129,09657        | 63,80062          | 32,89720            |
| MP58   | 80,805       | 0,00000             | 8,07890               | 0,00000              | 64,63116             | 0,00000          | 24,23669         | 8,07890           | 0,00000             |
| MP64   | 81,415       | 0,00000             | 15,80084              | 0,00000              | 36,86863             | 0,00000          | 68,47032         | 31,60169          | 0,00000             |
| MP70   | 82,015       | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 5,73220          | 5,73220           | 0,00000             |
| MP76   | 82,615       | 0,00000             | 17,30607              | 0,00000              | 51,91820             | 0,00000          | 25,95910         | 17,30607          | 8,65303             |
| MP82   | 83,215       | 0,00000             | 36,54098              | 0,00000              | 73,08196             | 0,00000          | 30,45081         | 12,18033          | 6,09016             |
| MP88   | 83,815       | 0,00000             | 0,00000               | 0,00000              | 4,24087              | 0,00000          | 6,36130          | 4,24087           | 0,00000             |
| LE 6   | 84,915       | 0,00000             | 0,00000               | 0,00000              | 0,39254              | 0,00000          | 100,49068        | 25,51521          | 0,00000             |
| LE 13  | 86,315       | 0,00000             | 0,15984               | 0,00000              | 30,68931             | 0,00000          | 0,00000          | 20,77922          | 0,00000             |
| LE 17  | 87,115       | 0,00000             | 0,19429               | 0,19429              | 25,25804             | 0,00000          | 0,19429          | 0,00000           | 0,00000             |
| LE 25  | 88,715       | 0,00000             | 327,48351             | 0,00000              | 545,80585            | 0,00000          | 0,00000          | 0,00000           | 109,16117           |
| LE 29  | 89,515       | 0,00000             | 213,07808             | 0,00000              | 767,08110            | 0,00000          | 0,00000          | 42,61562          | 127,84685           |
| LE 32  | 90,515       | 0,00000             | 32,81394              | 0,00000              | 51,91268             | 0,00000          | 0,25636          | 33,45484          | 16,79151            |
| LE 40  | 91,465       | 0,00000             | 203,43024             | 0,00000              | 1396,88762           | 0,00000          | 13,56202         | 54,24806          | 135,62016           |
| LE 44  | 92,265       | 0,00000             | 211,43373             | 0,00000              | 2255,29316           | 0,00000          | 0,00000          | 0,00000           | 352,38956           |
| LE 49  | 93,015       | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| LE 51  | 93,225       | 0,00000             | 0,00000               | 0,00000              | 136,14004            | 0,00000          | 0,00000          | 45,38001          | 0,00000             |
| LE 54  | 93,675       | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| LE 60  | 94,695       | 0,00000             | 0,00000               | 0,00000              | 1023,53476           | 0,00000          | 558,29169        | 279,14584         | 279,14584           |
| LE 63  | 95,295       | 0,00000             | 32,88727              | 0,00000              | 76,73697             | 0,00000          | 0,00000          | 10,96242          | 10,96242            |
| LE 65  | 95,695       | 0,00000             | 31,98501              | 0,00000              | 63,97001             | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| LE 73  | 97,195       | 0,00000             | 371,35086             | 0,00000              | 557,02629            | 0,00000          | 0,00000          | 185,67543         | 185,67543           |
| LE 79  | 98,125       | 0,00000             | 0,00000               | 0,00000              | 71,54273             | 0,00000          | 0,00000          | 0,00000           | 0,00000             |

| Sample | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|--------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| LE 85  | 99,115       | 0,00000             | 451,22556             | 0,00000              | 1052,85963           | 0,00000          | 75,20426         | 75,20426          | 300,81704           |
| LE 93  | 100,715      | 0,00000             | 91,09814              | 0,00000              | 273,29441            | 0,00000          | 273,29441        | 45,54907          | 91,09814            |
| LE 97  | 101,515      | 0,00000             | 0,00000               | 0,00000              | 17,98226             | 0,00000          | 41,95862         | 0,00000           | 5,99409             |
| LE 100 | 102,115      | 0,00000             | 41,71079              | 0,00000              | 83,42159             | 0,00000          | 62,56619         | 125,13238         | 20,85540            |
| LE 105 | 103,115      | 0,00000             | 12,78646              | 0,00000              | 205,33553            | 0,00000          | 15,04290         | 24,06863          | 88,75308            |
| LE 106 | 103,315      | 0,00000             | 99,64072              | 0,00000              | 794,82635            | 0,00000          | 98,87425         | 3,06587           | 298,92216           |
| LE 107 | 103,415      | 0,00000             | 0,17779               | 0,00000              | 412,11178            | 0,00000          | 46,40258         | 91,02728          | 137,07428           |
| LE 108 | 103,565      | 0,00000             | 104,66531             | 0,00000              | 626,77485            | 0,00000          | 156,59229        | 52,33266          | 313,99594           |
| LE 109 | 103,685      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| LE 110 | 103,815      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| LE 111 | 103,815      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| LE 113 | 104,265      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| LE 114 | 104,415      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| LE 115 | 104,715      | 0,00000             | 144,34394             | 0,00000              | 1204,36979           | 0,00000          | 297,70939        | 99,23646          | 341,31329           |
| LE 119 | 105,515      | 0,00000             | 1,68791               | 0,00000              | 258,81319            | 0,00000          | 0,56264          | 1,12527           | 3,37582             |
| LE 123 | 106,315      | 0,00000             | 456,97285             | 76,16214             | 609,29714            | 0,00000          | 304,64857        | 152,32428         | 76,16214            |
| LE 127 | 107,115      | 0,00000             | 206,56874             | 0,00000              | 309,85312            | 0,00000          | 0,00000          | 0,00000           | 103,28437           |
| LE 132 | 108,015      | 0,00000             | 114,11060             | 0,00000              | 684,66360            | 0,00000          | 171,16590        | 0,00000           | 228,22120           |
| LE 136 | 108,905      | 0,00000             | 17,54401              | 0,00000              | 192,98411            | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| LE 137 | 109,035      | 0,00000             | 37,68863              | 0,00000              | 226,13176            | 0,00000          | 0,00000          | 75,37725          | 0,00000             |
| LE 138 | 109,115      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| LE 143 | 110,115      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| LE 146 | 110,715      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 569,54809        | 0,00000           | 0,00000             |
| LE 155 | 112,515      | 0,00000             | 92,53883              | 0,00000              | 277,61649            | 0,00000          | 92,53883         | 0,00000           | 0,00000             |
| LE 157 | 112,865      | 0,00000             | 8,24486               | 0,00000              | 14,13405             | 0,00000          | 4,71135          | 3,53351           | 7,06702             |
| LE 159 | 113,215      | 0,00000             | 202,25496             | 0,00000              | 471,92824            | 0,00000          | 0,00000          | 0,00000           | 134,83664           |

| Sample | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|--------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| LE 163 | 114,015      | 0,00000             | 99,41748              | 0,00000              | 248,54369            | 0,00000          | 149,12621        | 198,83495         | 49,70874            |
| LE 167 | 114,815      | 0,00000             | 223,41818             | 0,00000              | 744,72727            | 0,00000          | 148,94545        | 0,00000           | 297,89091           |
| LE 171 | 115,615      | 0,00000             | 0,00000               | 0,00000              | 613,97789            | 0,00000          | 230,24171        | 0,00000           | 230,24171           |
| LE 175 | 116,415      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| LE 183 | 118,015      | 0,00000             | 204,51879             | 0,00000              | 818,07515            | 0,00000          | 409,03757        | 0,00000           | 102,25939           |
| LE 187 | 118,815      | 0,00000             | 193,34435             | 0,00000              | 451,13681            | 0,00000          | 128,89623        | 0,00000           | 193,34435           |
| LE 189 | 118,225      | 0,00000             | 39,73998              | 0,00000              | 158,95993            | 0,00000          | 0,00000          | 0,00000           | 79,47997            |
| LE 191 | 118,495      | 0,00000             | 0,00000               | 0,00000              | 793,79845            | 0,00000          | 396,89922        | 132,29974         | 0,00000             |
| LE 193 | 118,685      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| LE 195 | 119,085      | 0,00000             | 0,00000               | 0,00000              | 183,92456            | 0,00000          | 0,00000          | 0,00000           | 61,30819            |
| LE 205 | 121,895      | 0,00000             | 224,00875             | 0,00000              | 224,00875            | 0,00000          | 0,00000          | 0,00000           | 112,00438           |
| LE 209 | 122,695      | 0,00000             | 95,20784              | 0,00000              | 349,09542            | 0,00000          | 63,47189         | 31,73595          | 95,20784            |
| LE 211 | 122,955      | 0,00000             | 176,08369             | 0,00000              | 410,86193            | 0,00000          | 293,47281        | 0,00000           | 117,38912           |
| LE 214 | 123,285      | 0,00000             | 0,00000               | 0,00000              | 226,67405            | 0,00000          | 20,60673         | 41,21346          | 123,64039           |
| LE 216 | 123,555      | 0,00000             | 0,00000               | 0,00000              | 16,94943             | 0,00000          | 8,47472          | 0,00000           | 8,47472             |
| LE 221 | 124,425      | 0,00000             | 33,04558              | 0,00000              | 181,75071            | 0,00000          | 49,56837         | 16,52279          | 49,56837            |
| SA 4   | 124,785      | 0,00000             | 0,00000               | 0,00000              | 649,55729            | 0,00000          | 0,00000          | 54,12977          | 324,77864           |
| SA 5   | 125,385      | 0,00000             | 199,34299             | 0,00000              | 448,52172            | 0,00000          | 49,83575         | 88,67259          | 49,83575            |
| SA 6   | 125,985      | 0,00000             | 213,44450             | 0,00000              | 1013,86139           | 0,00000          | 266,80563        | 213,44450         | 320,16675           |
| SA 7   | 126,585      | 0,00000             | 70,48094              | 0,00000              | 352,40471            | 0,00000          | 211,44283        | 0,00000           | 70,48094            |
| SA 9   | 127,785      | 0,00000             | 281,80255             | 0,00000              | 845,40764            | 0,00000          | 187,86836        | 0,00000           | 187,86836           |
| SA 10  | 128,385      | 0,00000             | 162,92761             | 0,00000              | 814,63803            | 0,00000          | 108,61840        | 0,00000           | 325,85521           |
| SA 11  | 129,985      | 0,00000             | 72,34193              | 0,00000              | 868,10314            | 0,00000          | 72,34193         | 0,00000           | 0,00000             |
| SA 12  | 130,585      | 0,00000             | 80,22983              | 0,00000              | 374,40585            | 0,00000          | 106,97310        | 53,48655          | 80,22983            |
| SA 13  | 131,185      | 0,00000             | 43,76536              | 0,00000              | 262,59216            | 0,00000          | 218,82680        | 87,53072          | 0,00000             |
| SA 14  | 131,785      | 0,00000             | 7,71200               | 0,00000              | 38,56002             | 0,00000          | 23,13601         | 0,00000           | 7,71200             |

| Sample | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|--------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| SA 15  | 132,385      | 0,00000             | 127,46888             | 0,00000              | 169,95851            | 0,00000          | 42,48963         | 84,97925          | 84,97925            |
| SA 16  | 132,985      | 0,00000             | 0,00000               | 0,00000              | 95,58926             | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| SA 17  | 133,585      | 0,00000             | 172,62064             | 0,00000              | 287,70106            | 0,00000          | 115,08042        | 0,00000           | 115,08042           |
| SA 18  | 134,185      | 0,00000             | 46,35582              | 0,00000              | 127,47850            | 0,00000          | 11,58895         | 0,00000           | 23,17791            |
| SA 19  | 134,785      | 0,00000             | 34,50135              | 0,00000              | 207,00809            | 0,00000          | 207,00809        | 103,50404         | 103,50404           |
| SA 20  | 134,9        | 0,00000             | 145,26110             | 0,00000              | 435,78331            | 0,00000          | 217,89166        | 0,00000           | 72,63055            |
| SA 21  | 135,165      | 0,00000             | 0,00000               | 0,00000              | 157,66985            | 0,00000          | 105,11324        | 0,00000           | 0,00000             |
| SA 22  | 135,415      | 0,00000             | 127,32359             | 0,00000              | 572,95617            | 0,00000          | 0,00000          | 127,32359         | 63,66180            |
| SA 23  | 135,715      | 0,00000             | 85,93307              | 0,00000              | 214,83269            | 0,00000          | 85,93307         | 42,96654          | 42,96654            |
| SA 24  | 136,04       | 0,00000             | 57,43532              | 0,00000              | 229,74129            | 0,00000          | 287,17661        | 57,43532          | 114,87064           |
| SA 25  | 136,765      | 0,00000             | 248,54369             | 0,00000              | 414,23948            | 0,00000          | 124,27184        | 41,42395          | 165,69579           |
| SA 26  | 137,365      | 0,00000             | 62,18309              | 0,00000              | 373,09853            | 0,00000          | 124,36618        | 124,36618         | 124,36618           |
| SA 27  | 137,965      | 0,00000             | 199,56151             | 0,00000              | 399,12302            | 0,00000          | 133,04101        | 0,00000           | 133,04101           |
| SA 28  | 138,485      | 0,00000             | 52,90167              | 0,00000              | 229,24057            | 0,00000          | 141,07112        | 52,90167          | 35,26778            |
| SA 29  | 138,58       | 0,00000             | 170,66667             | 0,00000              | 298,66667            | 0,00000          | 42,66667         | 128,00000         | 85,33333            |
| SA 30  | 139,275      | 0,00000             | 48,60567              | 0,00000              | 340,23971            | 0,00000          | 388,84538        | 194,42269         | 243,02836           |
| SA 31  | 139,875      | 0,00000             | 66,13919              | 0,00000              | 264,55676            | 0,00000          | 132,27838        | 198,41757         | 66,13919            |
| SA 32  | 140,475      | 0,00000             | 0,00000               | 0,00000              | 703,85565            | 0,00000          | 175,96391        | 43,99098          | 327,35474           |
| SA 33  | 141,075      | 0,00000             | 90,72652              | 0,00000              | 196,57413            | 0,00000          | 15,12109         | 45,36326          | 45,36326            |
| SA 34  | 141,675      | 0,00000             | 120,15402             | 0,00000              | 330,44371            | 0,00000          | 3,63770          | 60,08067          | 90,12101            |
| SA 35  | 142,275      | 0,00000             | 0,00000               | 0,00000              | 581,71489            | 0,00000          | 36,35718         | 145,42872         | 109,07154           |
| SA 36  | 142,875      | 0,00000             | 69,77853              | 0,00000              | 279,11414            | 0,00000          | 104,66780        | 17,44463          | 52,33390            |
| SA 38  | 144,075      | 0,00000             | 0,00000               | 0,00000              | 567,79697            | 0,00000          | 43,67669         | 87,35338          | 174,70676           |
| SA 39  | 144,675      | 0,00000             | 0,00000               | 0,00000              | 155,40169            | 0,00000          | 116,55127        | 77,70084          | 0,00000             |
| SA 40  | 145,275      | 0,00000             | 60,97053              | 0,00000              | 284,52913            | 0,00000          | 142,26456        | 40,64702          | 121,94105           |
| SA 41  | 145,875      | 0,00000             | 89,15977              | 0,00000              | 326,91917            | 0,00000          | 29,71992         | 59,43985          | 29,71992            |

| Sample    | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|-----------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| SA 42     | 146,475      | 0,00000             | 0,00000               | 0,00000              | 128,20031            | 0,00000          | 64,10016         | 21,36672          | 0,00000             |
| SA 43     | 147,075      | 0,00000             | 120,29369             | 0,00000              | 781,90896            | 0,00000          | 601,46843        | 0,00000           | 300,73421           |
| SA 44     | 147,675      | 0,00000             | 211,87120             | 0,00000              | 953,42041            | 0,00000          | 317,80680        | 52,96780          | 582,64580           |
| SA 45     | 148,275      | 0,00000             | 0,00000               | 0,00000              | 394,17102            | 0,00000          | 112,62029        | 28,15507          | 84,46522            |
| SA 46     | 148,875      | 0,00000             | 70,69382              | 0,00000              | 989,71350            | 0,00000          | 282,77528        | 70,69382          | 141,38764           |
| SA 47     | 149,475      | 0,00000             | 113,69093             | 0,00000              | 454,76372            | 0,00000          | 113,69093        | 0,00000           | 227,38186           |
| SA 48     | 149,825      | 0,00000             | 24,22522              | 0,00000              | 72,67566             | 0,00000          | 18,16891         | 0,00000           | 12,11261            |
| SA 49     | 150,225      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| SA 50     | 150,625      | 0,00000             | 10,92319              | 0,00000              | 252,57223            | 0,00000          | 90,20437         | 36,08175          | 72,16350            |
| HN 3/SA54 | 152,825      | 0,00000             | 0,00000               | 0,00000              | 350,28506            | 0,00000          | 194,60281        | 0,00000           | 0,00000             |
| HN 8      | 155,225      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| HN 13     | 158,025      | 0,00000             | 78,03391              | 0,00000              | 546,23738            | 0,00000          | 78,03391         | 0,00000           | 0,00000             |
| HN 18     | 161,025      | 0,00000             | 0,00000               | 0,00000              | 486,17211            | 0,00000          | 121,54303        | 60,77151          | 0,00000             |
| HN 21/2   | 163,425      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| HN 23     | 165,825      | 0,00000             | 47,06964              | 0,00000              | 376,55711            | 0,00000          | 188,27856        | 47,06964          | 0,00000             |
| HN 29     | 169,425      | 0,00000             | 0,00000               | 0,00000              | 132,46018            | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| HN 103    | 173,625      | 0,00000             | 0,00000               | 0,00000              | 217,12165            | 0,00000          | 54,28041         | 0,00000           | 0,00000             |
| HN 108    | 175,825      | 0,00000             | 0,00000               | 0,00000              | 298,02638            | 0,00000          | 149,01319        | 0,00000           | 0,00000             |
| HN 113    | 178,825      | 0,00000             | 0,00000               | 0,00000              | 552,82870            | 0,00000          | 92,13812         | 184,27623         | 0,00000             |
| HN 118    | 181,825      | 0,00000             | 0,00000               | 0,00000              | 111,90238            | 0,00000          | 37,30079         | 0,00000           | 0,00000             |
| HN 123    | 184,825      | 0,00000             | 338,54737             | 0,00000              | 338,54737            | 0,00000          | 1692,73685       | 0,00000           | 0,00000             |
| HN 128    | 187,825      | 0,00000             | 234,66056             | 0,00000              | 1407,96333           | 0,00000          | 469,32111        | 0,00000           | 0,00000             |
| HN 133    | 191,385      | 0,00000             | 0,00000               | 0,00000              | 378,64571            | 0,00000          | 757,29143        | 0,00000           | 0,00000             |
| HN 134    | 191,985      | 0,00000             | 0,00746               | 0,00000              | 366,50511            | 0,00000          | 61,08418         | 0,00000           | 0,00000             |
| HN 135    | 192,585      | 0,00000             | 65,12959              | 0,00000              | 390,77755            | 0,00000          | 130,25918        | 0,00000           | 0,00000             |
| HN 136    | 193,185      | 0,00000             | 0,02042               | 0,00000              | 1170,88310           | 0,00000          | 334,53803        | 0,00000           | 0,00000             |

| Sample | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|--------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| HN 137 | 193,785      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| HN 138 | 194,385      | 0,00000             | 0,00687               | 0,00000              | 224,96224            | 0,00000          | 56,24743         | 0,00000           | 0,00000             |
| HN 139 | 194,985      | 0,00000             | 155,83452             | 0,00000              | 545,35426            | 0,00000          | 155,82501        | 0,00000           | 0,00000             |
| HN 142 | 196,785      | 0,00000             | 0,01115               | 0,00000              | 365,34731            | 0,00000          | 182,67365        | 0,00000           | 0,00000             |
| HN 143 | 197,385      | 0,00000             | 0,14853               | 76,08615             | 608,50353            | 0,00000          | 228,18418        | 0,00000           | 0,00000             |
| HN 144 | 197,985      | 0,00000             | 0,04631               | 0,00000              | 142,27162            | 0,00000          | 142,27162        | 47,42387          | 0,00000             |
| HN 146 | 199,185      | 0,00000             | 0,01668               | 0,00834              | 170,85176            | 0,00000          | 102,51105        | 0,00000           | 0,00000             |
| HN 148 | 200,385      | 0,00000             | 39,65918              | 0,00000              | 237,97444            | 0,00000          | 79,31836         | 39,65918          | 0,00000             |
| HN 153 | 203,385      | 0,00000             | 0,00000               | 0,00000              | 841,26708            | 0,00000          | 0,00000          | 64,71285          | 0,00000             |
| HN 158 | 206,385      | 0,00000             | 0,00000               | 0,00000              | 1022,24302           | 0,00000          | 191,67057        | 0,00000           | 0,00000             |
| HN 163 | 209,385      | 0,00000             | 72,83073              | 0,00000              | 145,66145            | 0,00000          | 109,24609        | 0,00000           | 0,00000             |
| HN 168 | 212,385      | 0,00000             | 286,49027             | 0,00000              | 1241,35680           | 0,00000          | 190,97797        | 95,48898          | 0,00000             |
| HN 173 | 215,385      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| HN 178 | 218,385      | 0,00000             | 60,72487              | 0,00000              | 374,14764            | 0,00000          | 90,75007         | 0,00000           | 0,00000             |
| HN 183 | 222,085      | 0,00000             | 45,73470              | 0,00000              | 91,46941             | 0,00000          | 68,60205         | 0,00000           | 0,00000             |
| FS 101 | 243,185      | 0,00000             | 53,01922              | 0,00000              | 318,11533            | 0,00000          | 159,05767        | 0,00000           | 0,00000             |
| FS 104 | 244,585      | 0,00000             | 0,00000               | 0,00000              | 12621,57007          | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| FS 105 | 245,185      | 0,00000             | 0,00000               | 0,00000              | 4821,40182           | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| FS 106 | 245,785      | 0,00000             | 210,20591             | 0,00000              | 1681,59600           | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| FS 108 | 246,895      | 0,00000             | 0,00000               | 0,00000              | 4070,87507           | 0,00000          | 508,86715        | 0,00000           | 0,00000             |
| FS 110 | 248,095      | 0,00000             | 0,00000               | 0,00000              | 8097,29062           | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| FS 111 | 248,695      | 0,00000             | 0,00000               | 0,00000              | 919,93262            | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| FS 113 | 249,655      | 0,00000             | 0,00000               | 0,00000              | 5197,14512           | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| FS 115 | 250,855      | 0,00000             | 0,00700               | 0,00000              | 16512,43001          | 0,00000          | 0,00700          | 0,00000           | 0,00000             |
| FS 117 | 252,055      | 0,00000             | 0,00000               | 0,00000              | 317,42095            | 0,00000          | 63,48419         | 0,00000           | 0,00000             |
| FS 119 | 253,255      | 0,00000             | 0,00000               | 0,00000              | 5465,47384           | 0,00000          | 993,72252        | 496,86126         | 0,00000             |

| Sample    | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|-----------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| FS 120    | 253,855      | 0,00000             | 0,00000               | 0,00000              | 2738,49093           | 0,00000          | 782,42598        | 0,00000           | 0,00000             |
| FS 122    | 255,055      | 0,00000             | 56,22727              | 0,00000              | 505,92191            | 0,00000          | 224,85418        | 0,00000           | 0,00000             |
| FS 123    | 255,655      | 0,00000             | 0,00000               | 0,00000              | 8480,87997           | 0,00000          | 1272,13200       | 0,00000           | 0,00000             |
| FS 126    | 257,455      | 0,00000             | 0,00000               | 0,00000              | 4352,74388           | 0,00000          | 1088,18597       | 0,00000           | 0,00000             |
| FS 127    | 258,055      | 0,00000             | 93,74070              | 0,00000              | 656,18492            | 0,00000          | 281,22211        | #WERT!            | 0,00000             |
| FS 131    | 259,855      | 0,00000             | 0,00789               | 0,00000              | 3878,78788           | 0,00000          | 775,75758        | 0,00000           | 0,00000             |
| FS 132    | 260,455      | 0,00000             | 0,00000               | 0,00000              | 1913,45985           | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| 500/3/98  | 261,755      | 0,00000             | 0,00000               | 0,00000              | 2241,31327           | 0,00000          | 840,49248        | 0,00000           | 0,00000             |
| 507/3/98  | 264,135      | 0,00000             | 0,00000               | 0,00000              | 835,02730            | 0,00000          | 357,85948        | 0,00000           | 0,00000             |
| 511/3/98  | 265,305      | 0,00000             | 0,02109               | 0,00000              | 921,29050            | 0,00000          | 575,80656        | 0,00000           | 0,00000             |
| 517/1/98  | 266,95       | 0,00000             | 0,00000               | 0,00808              | 9531,73885           | 0,00000          | 7413,57466       | 1059,08209        | 0,00000             |
| 519/2/98  | 267,725      | 0,00000             | 0,00951               | 0,00000              | 1091,22740           | 0,00000          | 545,61370        | 0,00000           | 0,00000             |
| 524/2/98  | 268,79       | 0,00000             | 322,50763             | 0,00984              | 7094,74461           | 0,00000          | 1289,98130       | 967,46383         | 0,00000             |
| 526/1/98  | 269,285      | 0,00000             | 0,00000               | 0,00000              | 8552,82219           | 0,00000          | 3207,30832       | 0,00000           | 0,00000             |
| 526/5/98  | 269,865      | 0,00000             | 0,00000               | 0,00000              | 2835,77021           | 0,00000          | 0,03297          | 0,00000           | 0,00000             |
| 526/11/98 | 270,605      | 0,00000             | 134,17411             | 0,00000              | 2146,78569           | 0,00000          | 670,87053        | 0,00000           | 0,00000             |
| 532/2/98  | 272,465      | 0,00000             | 0,00910               | 0,00000              | 1789,46937           | 0,00000          | 1638,51825       | 0,00000           | 0,00000             |
| 532/5/98  | 273,185      | 0,00000             | 0,03246               | 0,01082              | 1152,30470           | 0,00000          | 975,03787        | 88,63882          | 0,00000             |
| 534/2/98  | 275,785      | 0,00000             | 0,03185               | 0,00000              | 2478,66868           | 0,00000          | 1043,68182       | 0,00000           | 0,00000             |
| PVB 1     | 277,385      | 0,00000             | 82,12890              | 0,00000              | 3038,04751           | 0,00000          | 1313,75163       | 164,21770         | 0,00000             |
| PVB 2     | 277,985      | 0,00000             | 0,00000               | 0,00000              | 2355,00342           | 0,00000          | 784,99658        | 0,00000           | 0,00000             |
| PVB 3     | 278,585      | 0,00000             | 0,00000               | 0,01071              | 3422,10797           | 0,00000          | 701,97087        | 0,00000           | 0,00000             |
| PVB 4     | 279,185      | 0,00000             | 0,01007               | 0,00000              | 1237,33763           | 0,00000          | 577,42423        | 0,00000           | 0,00000             |
| PVB 5     | 279,36       | 0,00000             | 215,57895             | 0,00000              | 215,57895            | 0,00000          | 431,15789        | 0,00000           | 0,00000             |
| PVB 6     | 280,135      | 0,00000             | 0,01125               | 0,01125              | 875,90321            | 0,00000          | 138,30051        | 46,10017          | 0,00000             |
| PVB 9     | 281,535      | 0,00000             | 0,07124               | 0,00000              | 907,79642            | 0,00792          | 583,62356        | 0,00792           | 0,00000             |

| Sample | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|--------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| PVB 10 | 276,785      | 0,00000             | 0,07612               | 0,00000              | 3325,66813           | 0,00000          | 554,26252        | 0,00000           | 0,00000             |
| PVB 11 | 282,435      | 0,00000             | 0,03191               | 0,00000              | 5577,54255           | 0,00000          | 1045,78723       | 0,00000           | 0,00000             |
| PVB 12 | 283,035      | 0,00000             | 70,17814              | 0,00000              | 210,48304            | 0,00000          | 140,34772        | 0,00000           | 0,00000             |
| PVB 13 | 283,635      | 0,00000             | 0,00000               | 0,00000              | 1829,70592           | 0,00000          | 101,65033        | 203,30066         | 0,00000             |
| PVB 14 | 284,235      | 0,00000             | 0,00000               | 0,00000              | 1750,84303           | 0,00000          | 194,53811        | 0,00000           | 0,00000             |
| PVB 15 | 284,835      | 0,00000             | 0,01821               | 0,00000              | 1342,47087           | 0,00000          | 74,63583         | 0,00000           | 0,00000             |
| PVB 16 | 284,96       | 0,00000             | 0,00000               | 0,00000              | 818,26484            | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PVB 17 | 285,685      | 0,00000             | 0,01275               | 0,00000              | 261,12457            | 0,00000          | 156,68749        | 0,00000           | 0,00000             |
| PVB 18 | 286,285      | 0,00000             | 0,00948               | 0,00000              | 2796,97458           | 0,00000          | 155,38695        | 0,00948           | 0,00000             |
| PVB 19 | 286,885      | 0,00000             | 238,96303             | 0,00729              | 2389,55735           | 0,00000          | 477,91147        | 0,00000           | 0,00000             |
| PVB 21 | 288,085      | 0,00000             | 0,00000               | 0,00000              | 683,87770            | 0,00000          | 683,87770        | 0,00000           | 0,00000             |
| PVB 22 | 288,685      | 0,00000             | 0,00730               | 0,00000              | 776,88941            | 0,00000          | 0,00000          | 119,52145         | 0,00000             |
| PVB 23 | 289,285      | 0,00000             | 0,02283               | 0,00000              | 1620,59652           | 0,00000          | 0,01522          | 0,00000           | 0,00000             |
| PVB 24 | 289,885      | 0,00000             | 0,01441               | 0,00720              | 531,18156            | 0,00000          | 177,06052        | 0,00000           | 0,00000             |
| PVB 25 | 290,485      | 0,00000             | 0,05706               | 0,00951              | 389,50171            | 0,00000          | 155,84823        | 0,00000           | 0,00000             |
| PVB 26 | 291,085      | 0,00000             | 0,00715               | 0,00000              | 1054,91487           | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PVB 27 | 291,235      | 0,00000             | 0,00000               | 0,00000              | 2533,72698           | 0,00000          | 460,67763        | 0,00000           | 0,00000             |
| PVB 28 | 291,985      | 0,00000             | 0,00000               | 0,00000              | 1306,90691           | 0,00000          | 76,87688         | 0,00000           | 0,00000             |
| PVB 29 | 292,585      | 0,00000             | 0,00000               | 0,00000              | 1593,00924           | 0,00000          | 0,00972          | 0,00000           | 0,00000             |
| PVB 31 | 293,785      | 0,00000             | 0,01114               | 0,00000              | 1368,83146           | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PVB 32 | 294,385      | 0,00000             | 0,01142               | 0,00000              | 187,16016            | 0,00000          | 0,01142          | 0,00000           | 0,00000             |
| PVB 34 | 295,235      | 0,00000             | 0,00000               | 0,00000              | 1431,42583           | 0,00000          | 0,00874          | 0,00000           | 0,00000             |
| PVB 35 | 295,835      | 0,00000             | 0,01722               | 0,00000              | 211,55204            | 0,00000          | 211,56064        | 0,00000           | 0,00000             |
| PVB 36 | 296,435      | 0,00000             | 0,00907               | 0,00000              | 1332,58957           | 0,00000          | 0,00907          | 0,00000           | 0,00000             |
| PVB 37 | 297,035      | 0,00000             | 0,01638               | 0,00000              | 2147,51372           | 0,00000          | 134,21807        | 0,00000           | 0,00000             |
| PVB 38 | 297,635      | 0,00000             | 0,09453               | 0,01576              | 1936,03277           | 0,00000          | 0,00000          | 0,00000           | 0,00000             |



| Sample | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|--------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| PVB 41 | 299,36       | 0,00000             | 0,00000               | 0,00000              | 170,89241            | 0,00000          | 0,08340          | 0,00000           | 0,00000             |
| PVB 42 | 300,085      | 0,00000             | 0,02009               | 0,00000              | 1645,82622           | 0,00000          | 82,29031         | 0,00000           | 0,00000             |
| PVB 43 | 300,685      | 0,00000             | 0,03649               | 0,00000              | 448,35806            | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PVB 44 | 300,86       | 0,00000             | 0,04155               | 0,00000              | 1021,06356           | 0,00000          | 0,04155          | 0,00000           | 0,00000             |
| PVB 45 | 301,635      | 0,00000             | 0,04346               | 0,00000              | 489,52629            | 0,00000          | 178,00956        | 0,00000           | 0,00000             |
| PVB 48 | 303,435      | 0,00000             | 0,00000               | 0,00000              | 1005,29043           | 0,00000          | 335,09681        | 111,69894         | 0,00000             |
| PVB 50 | 304,735      | 0,00000             | 0,03721               | 0,00000              | 1219,27442           | 0,00000          | 457,26512        | 0,00000           | 0,00000             |
| PVB 51 | 305,335      | 0,00000             | 0,03555               | 0,00000              | 2426,54028           | 0,00000          | 97,07346         | 0,00000           | 0,00000             |
| PVB 52 | 305,935      | 0,00000             | 0,03295               | 0,00824              | 1349,71579           | 0,00000          | 809,81959        | 0,00000           | 0,00000             |
| PVB 54 | 307,135      | 0,00000             | 0,01543               | 0,00000              | 1642,94971           | 0,00000          | 505,53841        | 0,00000           | 0,00000             |
| PVB 55 | 307,735      | 0,00000             | 0,00000               | 0,00000              | 1232,26033           | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PVB 57 | 308,935      | 0,00000             | 0,00000               | 0,00000              | 960,45557            | 0,00000          | 274,41588        | 68,61234          | 0,00000             |
| PVB 58 | 309,535      | 0,00000             | 0,00000               | 0,01105              | 1086,11203           | 0,00000          | 181,01867        | 0,00000           | 0,00000             |
| PVB 59 | 310,135      | 0,00000             | 0,00000               | 0,00000              | 688,04199            | 0,00000          | 258,02625        | 0,00000           | 0,00000             |
| PVB 62 | 311,935      | 0,00000             | 11,64298              | 0,00000              | 139,71575            | 23,28596         | 34,92894         | 11,64298          | 0,00000             |
| PVB 63 | 312,535      | 0,00000             | 0,01837               | 0,00000              | 2708,09917           | 0,00000          | 601,80900        | 0,00000           | 0,00000             |
| PVB 64 | 313,135      | 0,00000             | 0,01702               | 0,00000              | 1254,74813           | 0,00000          | 0,00851          | 0,00000           | 0,00000             |
| PVB 65 | 313,735      | 0,00000             | 0,00000               | 0,00000              | 467,00238            | 0,00000          | 155,66746        | 0,00000           | 0,00000             |
| PVB 67 | 314,935      | 0,00000             | 0,00000               | 0,00000              | 2513,33694           | 0,00000          | 147,87944        | 0,01805           | 0,00000             |
| PVB 68 | 315,535      | 0,00000             | 0,00000               | 0,00000              | 832,21278            | 0,00000          | 151,31141        | 0,00000           | 0,00000             |
| PVB 70 | 316,435      | 0,00000             | 0,01517               | 0,00000              | 1118,44660           | 0,00000          | 310,67961        | 0,00000           | 0,00000             |
| PVB 72 | 317,635      | 0,00000             | 0,00000               | 0,00000              | 1840,70190           | 0,00000          | 525,91483        | 0,00000           | 0,00000             |
| PVB 73 | 318,235      | 0,00000             | 0,01047               | 0,00000              | 1887,55760           | 0,00000          | 171,59615        | 85,80855          | 0,00000             |
| PVB 74 | 318,835      | 0,00000             | 0,00861               | 0,01722              | 2538,65886           | 0,00000          | 282,06938        | 0,00000           | 0,00000             |
| PVB 76 | 319,685      | 0,00000             | 0,00000               | 0,00000              | 871,48936            | 0,00000          | 435,74468        | 0,00000           | 0,00000             |
| PVB 78 | 320,885      | 0,00000             | 0,00000               | 0,00000              | 1685,21143           | 0,00000          | 0,01143          | 0,01143           | 0,00000             |

| Sample  | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|---------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| PVB 80  | 322,085      | 0,00000             | 0,01127               | 0,01127              | 323,02839            | 0,00000          | 92,29383         | 0,00000           | 0,00000             |
| PVB 81  | 322,685      | 0,00000             | 0,00000               | 0,00000              | 4833,03835           | 0,00000          | 906,19469        | 0,00000           | 0,00000             |
| PVB 83  | 323,485      | 0,00000             | 0,00000               | 0,00000              | 1104,78759           | 0,00000          | 0,01124          | 0,00000           | 0,00000             |
| PVB 84  | 324,085      | 0,00000             | 0,00000               | 0,00000              | 2291,65707           | 0,00000          | 539,21343        | 0,00000           | 0,00000             |
| PVB 85  | 324,685      | 0,00000             | 0,00000               | 0,00000              | 1095,63786           | 0,00000          | 337,13992        | 0,00000           | 0,00000             |
| PVB 86  | 325,285      | 0,00000             | 0,00000               | 0,00000              | 296,59667            | 0,00000          | 98,86556         | 0,00000           | 0,00000             |
| PVB 87  | 325,885      | 0,01009             | 0,02019               | 0,03028              | 3473,28892           | 0,00000          | 744,29639        | 0,00000           | 0,00000             |
| PVB 89  | 327,085      | 0,00000             | 0,01135               | 0,00000              | 1581,28761           | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PVB 90  | 327,685      | 0,00000             | 0,03939               | 0,00000              | 1048,80835           | 0,00000          | 0,03939          | 80,69726          | 0,00000             |
| PVB 92  | 328,885      | 0,00000             | 0,00000               | 0,00000              | 1325,01617           | 0,00000          | 265,00970        | 0,00000           | 0,00000             |
| PVB 94  | 329,785      | 0,00000             | 0,00836               | 0,00000              | 2601,06952           | 0,00000          | 136,89840        | 136,89840         | 0,00000             |
| PVB 96  | 330,985      | 0,00000             | 0,01581               | 0,00000              | 1489,47826           | 0,00000          | 0,00791          | 0,00791           | 0,00000             |
| PVB 98  | 332,185      | 0,00000             | 0,00873               | 0,00000              | 1574,16368           | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PVB 100 | 333,385      | 0,00000             | 0,00000               | 0,00000              | 1230,70199           | 0,00000          | 167,82300        | 0,00000           | 0,00000             |
| PVB 101 | 333,985      | 0,00000             | 0,00000               | 0,00000              | 552,16805            | 0,00000          | 92,04673         | 0,02247           | 0,00000             |
| PVB 103 | 335,185      | 0,00000             | 0,00984               | 0,00000              | 1853,39367           | 0,00000          | 0,00984          | 0,00000           | 0,00000             |
| PVB 104 | 335,785      | 0,00000             | 0,04011               | 0,00000              | 4353,51449           | 0,00000          | 657,13426        | 0,00000           | 0,00000             |
| PVB 105 | 336,385      | 0,00000             | 0,03014               | 0,00000              | 1069,98895           | 0,00000          | 164,61368        | 0,04019           | 0,00000             |
| PVB 107 | 337,585      | 0,00000             | 0,01927               | 0,00000              | 1815,00819           | 0,00000          | 0,00000          | 0,00963           | 0,00000             |
| PVB 108 | 338,185      | 0,00000             | 0,00000               | 0,00000              | 1735,59322           | 0,00000          | 0,01569          | 0,01569           | 0,00000             |
| PVB 110 | 339,385      | 0,00000             | 0,02867               | 0,00000              | 1174,48029           | 0,00000          | 352,35842        | 0,05735           | 0,00000             |
| PVB 111 | 339,485      | 0,00000             | 0,00000               | 0,00000              | 720,01758            | 0,00000          | 90,00220         | 0,00000           | 0,00000             |
| PVB 113 | 340,785      | 0,00000             | 84,50036              | 0,00000              | 675,83789            | 0,00000          | 0,02062          | 0,00000           | 0,00000             |
| PVB 115 | 341,985      | 0,00000             | 0,01988               | 0,00000              | 1058,40787           | 0,00000          | 0,00000          | 0,03975           | 0,00000             |
| PVB 116 | 342,085      | 0,00000             | 0,01677               | 0,00000              | 687,01778            | 0,00000          | 0,01677          | 0,03355           | 0,00000             |
| PVB 117 | 342,185      | 0,00000             | 0,09740               | 0,00000              | 1675,58196           | 0,00000          | 0,00000          | 0,00000           | 0,00000             |

| Sample   | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|----------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| PVB 119  | 342,435      | 0,00000             | 0,00000               | 0,00000              | 1036,72342           | 0,00000          | 0,00000          | 94,24758          | 0,00000             |
| PVB 120  | 342,935      | 0,00000             | 0,01595               | 0,00000              | 1110,92055           | 0,00000          | 65,35578         | 0,00000           | 0,00000             |
| PVB 122  | 343,285      | 0,00000             | 0,00000               | 0,00000              | 110,86163            | 0,00000          | 0,00000          | 0,02705           | 0,00000             |
| PVB 123  | 343,685      | 0,00000             | 0,00000               | 0,00000              | 904,47950            | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PVB 127  | 345,335      | 0,00000             | 0,00000               | 0,00000              | 321,19192            | 0,00000          | 120,44697        | 0,00000           | 0,00000             |
| PVB 131  | 347,735      | 0,00000             | 39,12877              | 0,00000              | 313,06840            | 39,12877         | 508,76958        | 78,31486          | 0,00000             |
| PVB 132  | 348,335      | 0,00000             | 0,02851               | 0,00000              | 175,19247            | 0,00000          | 175,36356        | 58,45452          | 0,00000             |
| PVB 134  | 349,535      | 0,00000             | 0,02466               | 0,00000              | 151,76920            | 0,00000          | 0,04932          | 0,01233           | 0,00000             |
| PVB 135  | 350,135      | 0,00000             | 0,00000               | 0,00000              | 299,54906            | 0,00000          | 149,81109        | 0,02438           | 0,00000             |
| PVB 136  | 350,735      | 0,00000             | 0,08222               | 0,00000              | 505,32374            | 0,00000          | 0,28777          | 0,08222           | 0,00000             |
| PVB 139  | 352,535      | 0,00000             | 0,03124               | 0,00000              | 191,95501            | 0,00000          | 383,91002        | 191,95501         | 0,00000             |
| PVB 142  | 353,835      | 0,00000             | 0,00000               | 0,00000              | 1711,76119           | 0,00000          | 244,53731        | 0,07463           | 0,00000             |
| PVB 143  | 354,285      | 0,00000             | 0,00000               | 0,00000              | 807,29244            | 0,00000          | 302,74698        | 0,00000           | 0,00000             |
| PVB 144  | 354,885      | 0,00000             | 51,07125              | 0,00000              | 816,39263            | 0,00000          | 204,21026        | 51,02143          | 0,00000             |
| PVB 147  | 356,685      | 0,00000             | 0,00000               | 0,00000              | 1628,39699           | 0,00000          | 116,31407        | 0,00000           | 0,00000             |
| PVB 148  | 357,285      | 0,00000             | 0,05512               | 0,00000              | 263,40836            | 0,00000          | 150,55581        | 37,62977          | 0,00000             |
| PVB 150  | 358,485      | 0,00000             | 0,00000               | 0,00000              | 718,49953            | 0,00000          | 110,55188        | 110,55188         | 0,00000             |
| PVB 151  | 359,085      | 0,00000             | 0,01655               | 0,00000              | 1626,74168           | 0,00000          | 0,04137          | 0,00827           | 0,00000             |
| PVB 152  | 359,685      | 0,00000             | 0,01230               | 0,00000              | 604,79882            | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PVB 153  | 360,285      | 0,00000             | 0,09573               | 0,00000              | 784,22363            | 0,00000          | 0,00000          | 0,00000           | 0,00000             |
| PVB 154  | 360,885      | 0,00000             | 0,05825               | 0,00000              | 477,18072            | 0,00000          | 0,01456          | 0,00000           | 0,00000             |
| PVB 159  | 364,085      | 0,00000             | 0,04295               | 0,00000              | 0,00000              | 0,00000          | 0,02147          | 0,00000           | 0,00000             |
| 704/1/98 | 367,865      | 0,00000             | 0,76855               | 0,00000              | 348,67953            | 0,00000          | 196,00297        | 0,00000           | 0,00000             |
| 705/1/98 | 368,465      | 0,00000             | 0,00635               | 0,00000              | 1175,16825           | 0,00000          | 9,78413          | 8,13968           | 0,00000             |
| 707/1/98 | 369,885      | 0,00000             | 0,76471               | 0,75294              | 780,06765            | 0,00000          | 483,44118        | 97,88235          | 0,00000             |
| 711/1/98 | 371,805      | 0,00000             | 0,01592               | 0,00000              | 0,00000              | 0,00000          | 0,10610          | 0,08488           | 0,00000             |

| Sample   | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|----------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| 714/1/98 | 373,125      | 0,00000             | 0,02254               | 0,00000              | 1435,04225           | 0,00000          | 461,67887        | 92,30423          | 0,00000             |
| 717/1/98 | 374,795      | 0,00000             | 0,02500               | 0,00000              | 673,62500            | 0,00000          | 156,20000        | 0,02500           | 0,00000             |
| 718/1/98 | 375,415      | 0,00000             | 0,00252               | 0,00000              | 505,56927            | 0,00000          | 497,82872        | 0,00000           | 0,00000             |
| 721/1/98 | 378,625      | 0,00000             | 1,18621               | 0,00000              | 154,18851            | 0,00000          | 3,53103          | 0,00920           | 0,00000             |
| 722/1/98 | 378,995      | 0,00000             | 0,00000               | 0,00000              | 938,32258            | 0,00000          | 268,40323        | 4,13306           | 0,00000             |
| 727/1/98 | 381,055      | 0,00000             | 0,13333               | 0,00000              | 486,48000            | 0,00000          | 58,26667         | 5,97333           | 0,00000             |
| 728/1/98 | 381,535      | 0,00000             | 3,41066               | 1,60502              | 629,16614            | 0,00000          | 212,16301        | 0,00000           | 0,00000             |
| 730/1/98 | 382,615      | 0,00000             | 0,01170               | 0,00000              | 11,97661             | 0,00000          | 0,00585          | 0,00292           | 0,00000             |
| 732/2/98 | 383,145      | 0,00000             | 1,31313               | 0,00000              | 249,56566            | 0,00000          | 170,69192        | 0,01515           | 0,00000             |
| 734/1/98 | 383,965      | 0,00000             | 0,03382               | 1,23671              | 6,18357              | 0,00000          | 2,66667          | 0,01932           | 0,00000             |
| 736/2/98 | 384,975      | 0,00000             | 0,00000               | 0,00000              | 255,34021            | 0,00000          | 85,77320         | 0,00000           | 0,00000             |
| 739/3/98 | 386,645      | 0,00000             | 0,01639               | 0,00000              | 142,68852            | 0,00000          | 296,60109        | 27,97814          | 0,00000             |
| 740/2/98 | 387,085      | 0,00000             | 0,05128               | 0,00000              | 1476,10256           | 0,00000          | 743,38462        | 210,10256         | 0,00000             |
| 742/2/98 | 387,795      | 0,00000             | 0,00870               | 0,00000              | 779,13913            | 0,00000          | 189,95942        | 1,48986           | 0,00000             |
| 744/2/98 | 388,855      | 0,00000             | 0,00000               | 0,00000              | 2144,00000           | 0,00000          | 894,60870        | 180,86957         | 0,00000             |
| 745/4/98 | 389,465      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,00690          | 0,00000           | 0,00000             |
| 746/2/98 | 390,255      | 0,00000             | 0,00184               | 0,00000              | 602,35294            | 0,00000          | 0,03309          | 0,01103           | 0,00368             |
| 747/4/98 | 390,805      | 0,00000             | 0,00758               | 0,00000              | 1689,85859           | 0,00000          | 588,31061        | 14,22727          | 0,00000             |
| 748/2/98 | 391,365      | 0,00000             | 0,00200               | 0,00000              | 1572,86400           | 0,00000          | 917,51000        | 131,07200         | 0,00000             |
| 750/2/98 | 393,075      | 0,00000             | 0,00000               | 0,00000              | 401,24082            | 0,00000          | 267,49388        | 0,00000           | 0,00000             |
| 755/3/98 | 395,955      | 0,00000             | 0,00000               | 0,00000              | 302,47385            | 0,00000          | 100,82462        | 0,01231           | 0,00000             |
| 756/3/98 | 396,355      | 0,00000             | 0,00000               | 0,00000              | 0,00000              | 0,00000          | 0,03191          | 0,00000           | 0,00000             |
| 759/2/99 | 397,745      | 0,00000             | 0,01758               | 0,00000              | 19,18242             | 0,00000          | 0,10549          | 2,25055           | 0,01758             |
| 761/5/98 | 399,355      | 0,00000             | 0,00889               | 0,00000              | 230,97333            | 0,00000          | 145,65778        | 9,10444           | 0,00000             |
| 767/3/98 | 403,965      | 0,00000             | 0,00000               | 0,00000              | 241,95511            | 0,00000          | 40,88279         | 0,00249           | 0,00000             |
| 775/2/98 | 407,825      | 0,00000             | 0,00000               | 0,00000              | 374,91991            | 0,00000          | 0,00000          | 19,33181          | 0,00000             |

| Sample    | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|-----------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| 776/10/98 | 409,065      | 0,00000             | 0,00000               | 0,00000              | 822,51163            | 0,00000          | 95,25581         | 2,97965           | 0,00000             |
| 777/3/98  | 409,725      | 0,00000             | 0,00000               | 0,00000              | 353,53368            | 0,00000          | 88,20725         | 2,65285           | 0,00000             |
| 781/1/98  | 411,445      | 0,00000             | 0,00000               | 0,00000              | 1364,77709           | 0,00000          | 15,02735         | 1,60633           | 0,00000             |
| 781/2/98  | 411,525      | 0,00000             | 0,00000               | 0,00000              | 68,28267             | 0,00000          | 10,93867         | 0,03733           | 0,00000             |
| 781/3/98  | 411,705      | 0,00000             | 1,57509               | 0,00000              | 887,25502            | 0,00000          | 10,06372         | 2,30852           | 0,00000             |
| 781/4/98  | 411,835      | 0,00000             | 0,63206               | 0,00000              | 1392,54932           | 0,00000          | 9,90232          | 0,03831           | 0,00000             |
| 782/1/98  | 412,015      | 0,00000             | 0,00198               | 0,00000              | 331,04158            | 0,00000          | 0,00792          | 7,14653           | 0,00000             |
| 782/2/98  | 412,115      | 0,00000             | 1,45183               | 0,00000              | 1671,17246           | 0,00000          | 22,72327         | 12,67048          | 0,00000             |
| 782/4/98  | 412,315      | 0,00000             | 0,10532               | 0,00000              | 431,38494            | 0,00000          | 10,84781         | 20,22117          | 0,00000             |
| 782/6/98  | 412,515      | 0,00000             | 0,07612               | 0,00000              | 432,42626            | 0,00000          | 5,48049          | 1,29401           | 0,00000             |
| 782/7/98  | 412,615      | 0,00000             | 5,00234               | 0,00000              | 947,59233            | 0,00000          | 20,04052         | 20,94437          | 0,00000             |
| 783/1/98  | 412,795      | 0,00000             | 0,00000               | 0,00000              | 468,51116            | 0,00000          | 33,23327         | 0,13185           | 0,00203             |
| 784/1/98  | 412,995      | 0,63461             | 0,03966               | 0,00000              | 1010,29251           | 0,00000          | 97,72930         | 24,15469          | 0,00000             |
| 784/2/98  | 413,115      | 0,00000             | 0,60116               | 0,00000              | 1857,59910           | 0,00000          | 12,69961         | 2,42345           | 0,00000             |
| 784/3/98  | 413,235      | 0,00000             | 0,00000               | 0,00000              | 412,45659            | 0,00000          | 0,00000          | 0,03859           | 0,00000             |
| 784/5/98  | 413,475      | 0,00000             | 0,63726               | 0,00000              | 305,88470            | 0,00000          | 36,64244         | 10,19616          | 0,00000             |
| 784/6/98  | 413,595      | 0,00000             | 0,87833               | 0,00000              | 2408,05993           | 0,00000          | 0,82666          | 0,00000           | 0,00000             |
| 785/1/98  | 413,795      | 0,00000             | 4,26655               | 0,00000              | 591,15901            | 0,00000          | 46,47020         | 0,01100           | 0,00000             |
| 786/1/98  | 413,895      | 0,00000             | 0,00000               | 0,00000              | 553,08946            | 0,00000          | 5,28743          | 0,00000           | 0,00000             |
| 786/2/98  | 413,945      | 0,00000             | 0,70209               | 0,00000              | 189,96827            | 0,00000          | 19,52339         | 0,47256           | 0,00000             |
| 786/3/98  | 413,995      | 0,00000             | 3,69867               | 0,00000              | 616,15447            | 0,00000          | 38,94479         | 0,00000           | 0,21757             |
| 787/1/98  | 414,095      | 0,00000             | 5,52637               | 0,00000              | 1102,75268           | 0,00000          | 33,11620         | 5,46333           | 0,00000             |
| 787/2/98  | 414,145      | 0,00000             | 4,32969               | 0,00000              | 627,74834            | 0,00000          | 63,50209         | 2,88646           | 0,00000             |
| 787/3/98  | 414,195      | 0,00000             | 0,10954               | 0,00000              | 42,06490             | 0,00000          | 17,52704         | 3,56018           | 0,00000             |
| 788/1/98  | 414,385      | 0,00000             | 0,07477               | 0,00000              | 5,58255              | 0,00000          | 1,74455          | 0,00000           | 0,00000             |
| 788/2/98  | 414,525      | 0,00000             | 0,09541               | 0,00000              | 818,27181            | 0,00000          | 6,10651          | 9,25517           | 0,00000             |

| Sample    | Position (m) | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
|-----------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
| 789/1/98  | 414,725      | 0,00000             | 0,01910               | 0,00000              | 0,00000              | 0,00000          | 35,47278         | 0,01910           | 0,00000             |
| 789/2/98  | 414,775      | 0,00000             | 1,66763               | 0,00000              | 3601,59037           | 0,00000          | 69,22928         | 1,66119           | 0,00000             |
| 789/3/98  | 414,825      | 0,66653             | 2,01000               | 0,00000              | 1121,76630           | 0,00000          | 12,71610         | 5,33222           | 0,08332             |
| 789/4/98  | 414,875      | 0,00000             | 2,10434               | 0,00000              | 1445,69268           | 0,00000          | 84,17361         | 1,40289           | 0,00000             |
| 789/5/98  | 414,925      | 0,59172             | 0,00000               | 0,00000              | 746,15385            | 0,00000          | 42,03957         | 0,00000           | 0,00000             |
| 789/6/98  | 414,975      | 0,00000             | 1,33375               | 0,00000              | 696,11249            | 0,00000          | 8,12655          | 0,06203           | 0,02068             |
| 789/7/98  | 415,025      | 0,00000             | 3,76176               | 0,00000              | 1884,06954           | 0,00000          | 32,94386         | 3,64776           | 0,00000             |
| 789/8/98  | 415,075      | 0,00000             | 0,02803               | 0,00000              | 1207,69950           | 0,00000          | 30,00374         | 0,01869           | 0,00000             |
| 790/1/98  | 415,225      | 0,00000             | 0,01777               | 0,00000              | 145,60967            | 0,00000          | 4,60363          | 2,27515           | 0,00000             |
| 790/2/98  | 415,375      | 0,00000             | 0,00000               | 0,00000              | 29,25714             | 0,00000          | 9,14286          | 0,00000           | 0,00000             |
| 791/1/98  | 415,825      | 0,00000             | 4,08163               | 0,00000              | 1223,59099           | 0,00000          | 8,36417          | 4,11336           | 0,00000             |
| 792/1/98  | 416,125      | 0,00000             | 0,01871               | 0,00000              | 663,41098            | 0,00000          | 9,69221          | 0,00936           | 0,00000             |
| 792/2/98  | 416,325      | 0,00000             | 0,03242               | 0,00000              | 8,68813              | 0,00000          | 17,36546         | 6,92673           | 0,00000             |
| 792/3/98  | 416,525      | 0,00000             | 2,56662               | 0,00000              | 1306,55915           | 0,00000          | 46,75976         | 5,03491           | 0,00000             |
| 792/4/98  | 416,725      | 0,00000             | 1,16068               | 0,00000              | 856,00290            | 0,00000          | 131,15705        | 13,38411          | 0,00000             |
| 792/5/98  | 416,925      | 0,00000             | 0,00000               | 0,00000              | 195,35250            | 0,00000          | 16,50256         | 1,26034           | 0,00000             |
| 793/1/98  | 417,245      | 0,00000             | 0,08073               | 0,00000              | 568,37219            | 0,00000          | 18,24604         | 0,00000           | 0,00000             |
| 793/2/98  | 417,315      | 0,00000             | 4,87713               | 0,00000              | 2525,90508           | 0,00000          | 43,81917         | 14,40630          | 0,00000             |
| 793/3/98  | 417,385      | 0,00000             | 0,08736               | 0,00000              | 291,01234            | 0,00000          | 28,48094         | 2,79568           | 0,08736             |
| 794/1/98  | 417,545      | 0,00000             | 0,04370               | 0,00000              | 4970,10816           | 0,00000          | 26,67978         | 0,01093           | 0,00000             |
| 794/2/98  | 417,615      | 0,00000             | 1,37785               | 0,00000              | 529,77213            | 0,00000          | 4,79067          | 1,37785           | 0,00000             |
| 794/3/98  | 417,725      | 0,00000             | 0,00000               | 0,00000              | 864,42759            | 0,00000          | 18,58072         | 0,00903           | 0,00000             |
| 800/1/99  | 422,825      | 0,00000             | 35,75974              | 0,00000              | 499,97385            | 0,00000          | 607,20077        | 0,00000           | 0,00000             |
| 802/2/99  | 426,675      | 0,00000             | 0,00000               | 0,00000              | 34,59916             | 0,00000          | 0,06751          | 0,00000           | 0,00000             |
| 803/12/99 | 429,175      | 0,00000             | 0,10823               | 0,00000              | 258,65801            | 0,00000          | 74,38672         | 55,48341          | 0,00000             |
| 804/1/99  | 432,525      | 0,00000             | 0,00000               | 0,00000              | 0,00462              | 0,00000          | 4,72979          | 0,00000           | 0,00000             |

| Sample   | Position (m) |                     |                       |                      |                      |                  |                  |                   |                     |
|----------|--------------|---------------------|-----------------------|----------------------|----------------------|------------------|------------------|-------------------|---------------------|
|          |              | <i>H. flandrini</i> | <i>H. gorbachikae</i> | <i>H. maslakovae</i> | <i>H. planispira</i> | <i>H. rischi</i> | <i>H. sigali</i> | <i>H. simplex</i> | <i>H. trocoidea</i> |
| 806/1/99 | 433,195      | 0,00000             | 36,45237              | 0,00000              | 254,45672            | 0,00000          | 255,02462        | 0,03549           | 0,00000             |
| 808/3/99 | 434,165      | 0,00000             | 0,01785               | 0,00000              | 146,25307            | 0,00000          | 82,28520         | 0,00000           | 0,00000             |
| 810/3/99 | 435,605      | 0,00000             | 0,02613               | 0,00000              | 285,44425            | 0,00000          | 71,40244         | 0,00871           | 0,00000             |
| 811/1/99 | 438,805      | 0,00000             | 0,12003               | 0,00000              | 561,88966            | 0,00000          | 175,65911        | 140,48956         | 0,00000             |
| 813/2/99 | 440,125      | 0,00000             | 0,00000               | 0,00000              | 601,25229            | 0,00000          | 225,49083        | 0,00000           | 0,00000             |

| Sample    | Position (m) |            |            |           | Hedbergella spp. |                              |                       |                  |                   |
|-----------|--------------|------------|------------|-----------|------------------|------------------------------|-----------------------|------------------|-------------------|
|           |              | 3 kammerig | 4 kammerig | H. sp.    |                  | <i>Heterohelix morrenani</i> | <i>H. navaroensis</i> | <i>H. reussi</i> | <i>H. striata</i> |
| LF 157/2  | 4,65         | 0,00000    | 0,00000    | 307,97761 | 376,56002        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LF 159/6  | 5,47         | 0,00000    | 0,00000    | 0,00787   | 0,01573          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LF 162/1  | 6,47         | 0,00000    | 0,00000    | 82,73076  | 93,08221         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LF 165/4  | 7,59         | 0,00000    | 0,00000    | 0,23763   | 11,48196         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LF 169/1  | 8,47         | 0,00000    | 0,00000    | 139,99089 | 171,28976        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LF 173/2  | 9,51         | 0,00000    | 0,00000    | 131,90272 | 161,41631        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LF 173/12 | 10,15        | 0,00000    | 0,00000    | 68,93857  | 120,74964        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LF 175/5  | 13,58        | 0,00000    | 0,00000    | 39,44355  | 55,40696         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LF 178/2  | 15,69        | 0,00000    | 0,00000    | 17,73817  | 17,92853         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LF 183/3  | 18,53        | 0,00000    | 0,00000    | 58,79576  | 78,41561         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LF 192/3  | 21,54        | 0,00000    | 0,00000    | 0,01263   | 0,02527          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG202/2   | 24,15        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG206/2   | 24,79        | 0,00000    | 0,00000    | 43,47088  | 65,20632         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG212/1   | 25,84        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG218/1   | 26,87        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG218/2   | 26,93        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG218/3   | 26,99        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG219/1   | 27,07        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG219/2   | 27,13        | 0,00000    | 0,00000    | 9,99740   | 9,99740          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG219/3   | 27,19        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG220/1   | 27,28        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG220/2   | 27,36        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG220/3   | 27,44        | 0,00000    | 0,00000    | 29,74150  | 29,74150         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG221/1   | 27,48        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG221/2   | 27,53        | 0,00000    | 0,00000    | 19,35728  | 19,35728         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |



| Sample   | Position (m) | 3 kammerig | 4 kammerig | H. sp.    | Hedbergella spp. | <i>Heterohelix morremani</i> | <i>H. navaroensis</i> | <i>H. reussi</i> | <i>H. striata</i> |
|----------|--------------|------------|------------|-----------|------------------|------------------------------|-----------------------|------------------|-------------------|
| PG221/3  | 27,59        | 0,00000    | 0,00000    | 18,38640  | 33,70840         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG222/1  | 27,64        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG222/2  | 27,7         | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG222/3  | 27,77        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG223/1  | 27,87        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG223/2  | 28,03        | 0,00000    | 0,00000    | 5,84768   | 9,12978          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG223/3  | 28,19        | 0,00000    | 0,00000    | 7,55086   | 18,97496         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG224/1  | 28,29        | 0,00000    | 0,00000    | 8,11153   | 8,11153          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG224/2  | 28,4         | 0,00000    | 0,00000    | 0,02320   | 0,04640          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG225/1  | 28,62        | 0,00000    | 0,00000    | 9,81689   | 9,81689          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG225/2  | 28,73        | 0,00000    | 0,00000    | 13,39029  | 22,31715         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG226/1  | 28,89        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG226/2  | 28,94        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG226/3  | 28,99        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG226/4  | 29,04        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG226/5  | 29,09        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG226/6  | 29,14        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG226/7  | 29,19        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG226/8  | 29,24        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG226/9  | 29,29        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG226/10 | 29,34        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG226/11 | 29,39        | 0,00000    | 0,00000    | 0,37017   | 0,69920          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG226/12 | 29,44        | 0,00000    | 0,00000    | 553,28780 | 1148,33316       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG226/13 | 29,49        | 0,00000    | 0,00000    | 141,51465 | 285,85959        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG226/14 | 29,54        | 0,00000    | 0,00000    | 47,29549  | 162,90670        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG226/15 | 29,59        | 0,00000    | 0,00000    | 26,64354  | 297,51951        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |

| Sample  | Position (m) |            |            |           | Hedbergella spp. |                              |                       |                  |                   |
|---------|--------------|------------|------------|-----------|------------------|------------------------------|-----------------------|------------------|-------------------|
|         |              | 3 kammerig | 4 kammerig | H. sp.    |                  | <i>Heterohelix morremani</i> | <i>H. navaroensis</i> | <i>H. reussi</i> | <i>H. striata</i> |
| PG227/1 | 29,67        | 0,00000    | 0,00000    | 92,72874  | 127,07271        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG227/2 | 29,77        | 0,00000    | 0,00000    | 370,78419 | 844,94103        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG227/3 | 29,87        | 0,00000    | 0,00000    | 13,31830  | 19,97746         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG228/1 | 29,94        | 0,00000    | 0,00000    | 5,93968   | 5,93968          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG228/2 | 30,01        | 0,00000    | 0,00000    | 14,52070  | 14,52070         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG228/3 | 30,09        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG229/1 | 30,19        | 0,00000    | 0,00000    | 12,70945  | 12,70945         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG229/2 | 30,29        | 0,00000    | 0,00000    | 65,56897  | 99,91462         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG229/3 | 30,39        | 0,00000    | 0,00000    | 60,47119  | 85,93274         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG231/2 | 30,7         | 0,00000    | 0,00000    | 0,08546   | 0,14529          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PG233/2 | 31,16        | 0,00000    | 0,00000    | 40,39049  | 121,17148        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 2   | 31,49        | 15,80247   | 10,53498   | 163,29218 | 237,03704        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 15  | 32,84        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 26  | 34,14        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 34  | 34,94        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 45  | 36,04        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 53  | 36,89        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 61  | 37,84        | 0,00000    | 11,03924   | 11,03924  | 71,75507         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 70  | 38,89        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 79  | 39,89        | 59,69105   | 44,76829   | 119,38210 | 567,06500        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 89  | 40,86        | 0,00000    | 14,95764   | 19,94352  | 92,23878         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 99  | 41,96        | 0,00000    | 1,70349    | 3,40697   | 17,88661         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 128 | 44,84        | 5,33037    | 7,10716    | 3,55358   | 71,07163         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 138 | 45,94        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 156 | 47,99        | 0,00000    | 0,00000    | 0,00000   | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 164 | 48,89        | 2,76817    | 8,30450    | 11,07266  | 38,75433         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |

| Sample              | Position (m) | 3 kammerig | 4 kammerig | H.sp.      | Hedbergella spp. | <i>Heterohelix morremani</i> | <i>H. navaroensis</i> | <i>H. reussi</i> | <i>H. striata</i> |
|---------------------|--------------|------------|------------|------------|------------------|------------------------------|-----------------------|------------------|-------------------|
| OUS 175             | 49,99        | 5,58708    | 2,79354    | 25,14186   | 92,18682         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 185             | 51,04        | 203,63133  | 247,89901  | 402,83590  | 2208,95729       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 194             | 52           | 1,14726    | 1,14726    | 3,44179    | 13,76714         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 203             | 52,99        | 7,39884    | 7,39884    | 14,79769   | 36,99422         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 212             | 53,99        | 2,36032    | 4,72063    | 4,72063    | 35,40476         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 230             | 55,95        | 0,00000    | 11,23464   | 14,97952   | 48,68344         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 256             | 58,94        | 0,00000    | 6,42033    | 4,28022    | 23,54121         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 265             | 59,87        | 0,00000    | 0,00000    | 6,77518    | 13,55035         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 276             | 60,99        | 1,91245    | 1,91245    | 11,47468   | 61,19827         | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 288             | 62,25        | 7,40955    | 22,22865   | 85,20984   | 314,90593        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 295             | 63,02        | 16,37701   | 60,04905   | 103,72108  | 464,01535        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| 0.95 m not measured |              |            |            |            |                  |                              |                       |                  |                   |
| OUS 314             | 65,94        | 24,09790   | 64,26106   | 160,65265  | 811,29589        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 324             | 67,09        | 0,00000    | 0,00000    | 0,00000    | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 334             | 68,09        | 45,27634   | 588,59248  | 2278,90936 | 6685,80693       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 343             | 68,99        | 1,52836    | 39,73731   | 16,81194   | 217,02687        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| OUS 353             | 69,99        | 0,00000    | 19,27953   | 38,55906   | 340,60500        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP2/25              | 72,39        | 26,72815   | 71,27507   | 561,29116  | 2084,79575       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP2/30              | 73,015       | 8,37422    | 37,68400   | 79,55512   | 623,87962        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP2/35              | 73,615       | 37,12331   | 111,36992  | 1447,80895 | 7406,09961       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP2/40              | 74,215       | 0,00000    | 571,71216  | 1969,23077 | 20454,59057      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP2                 | 74,815       | 0,00000    | 0,00000    | 75,58590   | 283,55785        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP9                 | 75,415       | 0,00000    | 34,63164   | 242,42151  | 1362,17801       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP15                | 76,015       | 0,00000    | 0,00000    | 138,38954  | 138,38954        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP21                | 76,615       | 1,00560    | 128,71733  | 1471,53407 | 6526,70612       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP22                | 76,715       | 0,00000    | 123,12625  | 3991,18236 | 12811,54309      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |

| Sample | Position (m) | 3 kammerig | 4 kammerig | H.sp.       | Hedbergella spp. | <i>Heterohelix morremani</i> | <i>H. navaroensis</i> | <i>H. reussi</i> | <i>H. striata</i> |
|--------|--------------|------------|------------|-------------|------------------|------------------------------|-----------------------|------------------|-------------------|
| MP23   | 76,815       | 18,91043   | 0,59095    | 1029,43675  | 3282,14220       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP24   | 76,915       | 0,00000    | 0,34079    | 2102,32162  | 9710,75612       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP25   | 77,015       | 9,22523    | 0,86486    | 1016,21622  | 2028,97297       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP26   | 77,115       | 0,00000    | 0,30622    | 1703,19617  | 4517,05263       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP27   | 77,215       | 27,54767   | 0,00000    | 230,53049   | 1081,60846       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP28   | 77,315       | 40,03870   | 0,00000    | 913,46017   | 2395,71751       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP29   | 77,415       | 40,59416   | 0,00000    | 380,25954   | 2287,35640       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP30   | 77,515       | 0,00000    | 0,00000    | 536,32409   | 4796,05891       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP31   | 77,64        | 63,19525   | 0,00000    | 2161,22811  | 6596,00401       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP32   | 77,715       | 3,11057    | 6,99878    | 72,51519    | 142,30863        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP33   | 77,765       | 2,07978    | 0,00000    | 93,72004    | 136,16053        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP34   | 77,815       | 6,06274    | 0,00000    | 45,72906    | 130,88944        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP35   | 77,865       | 170,70064  | 0,00000    | 5067,51592  | 11276,43312      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP36   | 77,915       | 0,00000    | 42,95302   | 309,26174   | 5517,13647       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP37   | 77,94        | 32,14488   | 0,00000    | 2309,45105  | 4933,10696       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP39   | 78,065       | 0,30577    | 0,00000    | 213,83616   | 2955,28093       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP40   | 78,115       | 27,46781   | 41,20172   | 1868,66953  | 2488,84120       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP42   | 78,215       | 5,01475    | 0,00000    | 206,48968   | 449,11504        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP44   | 78,315       | 29,67404   | 0,00000    | 431,62233   | 1410,86549       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP45   | 78,34        | 30,30482   | 0,00000    | 330,27523   | 922,04794        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP57  | 78,39        | 0,08921    | 0,00000    | 36,10141    | 151,30474        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP54  | 78,46        | 6,31216    | 0,00000    | 321,91995   | 1365,52971       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP52  | 78,48        | 6,99454    | 0,00000    | 1300,98361  | 6441,96721       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP48  | 78,54        | 47,32251   | 0,00000    | 734,23835   | 2466,68592       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP46  | 78,63        | 139,45819  | 0,00000    | 13725,32391 | 22136,16019      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP45  | 78,67        | 2,12342    | 0,00000    | 454,41274   | 1632,91307       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |

| Sample | Position (m) | 3 kammerig | 4 kammerig | H. sp.      | Hedbergella spp. | <i>Heterohelix morremani</i> | <i>H. navaroensis</i> | <i>H. reussi</i> | <i>H. striata</i> |
|--------|--------------|------------|------------|-------------|------------------|------------------------------|-----------------------|------------------|-------------------|
| MPP44  | 78,727       | 0,00000    | 0,00000    | 277,85652   | 509,37643        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP43  | 78,784       | 89,68417   | 0,00000    | 4810,52064  | 9268,51353       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP42  | 78,841       | 431,75921  | 0,00000    | 25740,59851 | 33321,84743      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP41  | 78,898       | 0,00000    | 0,00000    | 4361,17036  | 14245,55647      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP38  | 78,955       | 58,04630   | 0,00000    | 6053,75494  | 7449,12479       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP36  | 79,012       | 1,01162    | 0,00000    | 2671,77744  | 5733,94452       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP34  | 79,069       | 60,78572   | 0,00000    | 3250,19427  | 5689,91222       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP33  | 79,126       | 37,82210   | 0,00000    | 627,40190   | 2262,65154       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP29  | 79,183       | 113,80843  | 0,00000    | 3021,09659  | 16297,02277      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP27  | 79,24        | 3,34509    | 0,00000    | 1598,95466  | 3953,90043       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP25  | 79,297       | 55,68356   | 0,00000    | 701,20035   | 3670,99009       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP23  | 79,354       | 216,85866  | 0,00000    | 2825,73400  | 17256,69180      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP19  | 79,411       | 0,00000    | 0,00000    | 14552,06216 | 27420,95039      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP17  | 79,468       | 325,40218  | 0,00000    | 9568,85799  | 16687,03078      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP15  | 79,525       | 14,96310   | 0,00000    | 508,74552   | 3293,37327       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP13  | 79,582       | 8,51913    | 0,00000    | 11,44759    | 207,65391        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP7   | 79,639       | 9,54768    | 0,00000    | 182,16971   | 667,95560        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP5   | 79,696       | 0,00000    | 0,00000    | 6068,59261  | 8813,69236       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP3   | 79,753       | 0,84802    | 0,00000    | 2988,41924  | 3556,91003       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP2   | 79,81        | 21,84999   | 0,00000    | 1411,71450  | 3538,33351       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP1   | 79,867       | 54,34725   | 0,00000    | 778,30323   | 2130,83364       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP1/6 | 79,94        | 12,67099   | 0,00000    | 965,68275   | 2205,13559       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP1/5 | 79,96        | 321,21291  | 0,00000    | 4640,02091  | 16896,30114      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP1/4 | 79,97        | 126,56298  | 0,00000    | 1870,75909  | 6924,04985       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP1/3 | 79,99        | 13,28490   | 0,00000    | 284,84691   | 974,26051        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MPP1/2 | 80,02        | 80,21542   | 0,00000    | 3511,30477  | 8784,84211       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |

| Sample | Position (m) | 3 kammerig | 4 kammerig | H. sp.     | Hedbergella spp. | <i>Heterohelix morremani</i> | <i>H. navaroensis</i> | <i>H. reussi</i> | <i>H. striata</i> |
|--------|--------------|------------|------------|------------|------------------|------------------------------|-----------------------|------------------|-------------------|
| MPP1/1 | 80,05        | 0,00000    | 0,00000    | 2618,54141 | 10475,92364      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP46   | 80,052       | 21,17890   | 87,36298   | 476,52534  | 1974,93278       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP47   | 80,068       | 0,00000    | 34,82993   | 282,12245  | 1003,10204       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP52   | 80,205       | 15,95016   | 175,45171  | 623,05296  | 3700,93458       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP58   | 80,805       | 16,15779   | 48,47337   | 452,41815  | 1333,01775       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP64   | 81,415       | 0,00000    | 31,60169   | 252,81350  | 1000,72009       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP70   | 82,015       | 0,00000    | 11,46440   | 40,12539   | 137,57277        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP76   | 82,615       | 0,00000    | 51,91820   | 259,59101  | 1098,93527       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP82   | 83,215       | 0,00000    | 24,36065   | 462,85238  | 1613,89318       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| MP88   | 83,815       | 0,00000    | 8,48174    | 12,72260   | 103,90127        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 6   | 84,915       | 0,00000    | 51,03042   | 1,96271    | 383,12071        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 13  | 86,315       | 20,45954   | 30,68931   | 350,52947  | 1102,89710       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 17  | 87,115       | 0,00000    | 0,38859    | 0,38859    | 155,23983        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 25  | 88,715       | 0,00000    | 327,48351  | 6440,50903 | 22159,71750      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 29  | 89,515       | 0,00000    | 42,61562   | 1875,08714 | 8778,81704       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 32  | 90,515       | 0,00000    | 0,00000    | 1104,52233 | 2601,78650       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 40  | 91,465       | 0,00000    | 162,74419  | 4936,57374 | 17155,94994      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 44  | 92,265       | 70,47791   | 422,86747  | 4228,67467 | 16773,74285      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 49  | 93,015       | 0,00000    | 0,00000    | 0,00000    | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 51  | 93,225       | 0,00000    | 136,14004  | 544,56016  | 1452,16043       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 54  | 93,675       | 0,00000    | 0,00000    | 163,36538  | 163,36538        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 60  | 94,695       | 186,09723  | 651,34030  | 6606,45161 | 22424,71604      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 63  | 95,295       | 0,00000    | 10,96242   | 504,27149  | 1677,25083       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 65  | 95,695       | 31,98501   | 95,95502   | 1231,42277 | 2254,94300       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 73  | 97,195       | 0,00000    | 92,83772   | 5291,74977 | 14111,33273      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 79  | 98,125       | 0,00000    | 0,00000    | 107,31409  | 572,34182        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |

| Sample | Position (m) | 3 kammerig | 4 kammerig | H. sp.     | Hedbergella spp. | <i>Heterohelix morremani</i> | <i>H. navaroensis</i> | <i>H. reussi</i> | <i>H. striata</i> |
|--------|--------------|------------|------------|------------|------------------|------------------------------|-----------------------|------------------|-------------------|
| LE 85  | 99,115       | 300,81704  | 150,40852  | 4888,27688 | 10979,82190      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 93  | 100,715      | 182,19627  | 501,03976  | 2095,25716 | 6741,26216       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 97  | 101,515      | 29,97044   | 35,96453   | 401,60389  | 677,33193        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 100 | 102,115      | 0,00000    | 41,71079   | 542,24033  | 2919,75560       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 105 | 103,115      | 0,00000    | 0,00000    | 1046,23340 | 3326,73640       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 106 | 103,315      | 0,00000    | 0,00000    | 5132,26347 | 12340,88623      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 107 | 103,415      | 0,00000    | 0,00000    | 5238,86883 | 11674,60414      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 108 | 103,565      | 0,00000    | 0,00000    | 4320,48682 | 10918,05274      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 109 | 103,685      | 0,00000    | 0,00000    | 0,00000    | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 110 | 103,815      | 0,00000    | 0,00000    | 0,00000    | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 111 | 103,815      | 0,00000    | 0,00000    | 0,00000    | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 113 | 104,265      | 0,00000    | 0,00000    | 0,00000    | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 114 | 104,415      | 0,00000    | 0,00000    | 0,00000    | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 115 | 104,715      | 0,00000    | 0,00000    | 577,11735  | 11326,23047      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 119 | 105,515      | 0,00000    | 0,00000    | 3083,25275 | 8665,52967       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 123 | 106,315      | 0,00000    | 76,16214   | 5179,02566 | 20335,29193      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 127 | 107,115      | 0,00000    | 413,13749  | 7023,33733 | 13840,10591      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 132 | 108,015      | 0,00000    | 285,27650  | 2966,87561 | 11125,78354      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 136 | 108,905      | 0,00000    | 52,63203   | 736,84842  | 21153,07320      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 137 | 109,035      | 0,00000    | 75,37725   | 0,00000    | 1809,05410       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 138 | 109,115      | 0,00000    | 0,00000    | 0,00000    | 218,95937        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 143 | 110,115      | 0,00000    | 0,00000    | 0,00000    | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 146 | 110,715      | 0,00000    | 0,00000    | 2468,04171 | 41006,07184      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 155 | 112,515      | 0,00000    | 0,00000    | 1295,54363 | 7032,95114       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 157 | 112,865      | 2,35567    | 0,94204    | 25,91242   | 161,12792        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 159 | 113,215      | 0,00000    | 0,00000    | 3101,24270 | 8427,28993       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |

| Sample | Position (m) | 3 kammerig | 4 kammerig | H.sp.      | Hedbergella spp. | <i>Heterohelix morremani</i> | <i>H. navaroensis</i> | <i>H. reussi</i> | <i>H. striata</i> |
|--------|--------------|------------|------------|------------|------------------|------------------------------|-----------------------|------------------|-------------------|
| LE 163 | 114,015      | 99,41748   | 149,12621  | 3877,28155 | 13719,61165      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 167 | 114,815      | 0,00000    | 0,00000    | 2532,07273 | 8787,78182       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 171 | 115,615      | 153,49447  | 0,00000    | 2532,65880 | 13507,51358      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 175 | 116,415      | 0,00000    | 0,00000    | 165,04483  | 247,56724        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 183 | 118,015      | 204,51879  | 306,77818  | 9407,86419 | 31189,11497      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 187 | 118,815      | 0,00000    | 193,34435  | 2255,68405 | 10698,38722      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 189 | 118,225      | 0,00000    | 119,21995  | 1152,45949 | 4689,31794       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 191 | 118,495      | 0,00000    | 0,00000    | 0,00000    | 10187,08010      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 193 | 118,685      | 0,00000    | 0,00000    | 460,93684  | 806,63947        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 195 | 119,085      | 0,00000    | 0,00000    | 858,31462  | 4843,34680       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 205 | 121,895      | 0,00000    | 560,02188  | 8288,32376 | 16016,62565      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 209 | 122,695      | 0,00000    | 63,47189   | 1269,43788 | 7489,68349       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 211 | 122,955      | 0,00000    | 117,38912  | 3697,75740 | 11680,21781      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 214 | 123,285      | 20,60673   | 61,82019   | 1318,83081 | 4348,02032       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 216 | 123,555      | 0,00000    | 0,00000    | 0,00000    | 127,12075        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| LE 221 | 124,425      | 16,52279   | 16,52279   | 1387,91448 | 5122,06535       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 4   | 124,785      | 108,25955  | 0,00000    | 85,84644   | 15383,49362      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 5   | 125,385      | 0,00000    | 0,00000    | 847,20769  | 13047,55793      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 6   | 125,985      | 0,00000    | 0,00000    | 4642,41793 | 20048,94759      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 7   | 126,585      | 35,24047   | 0,00000    | 0,00000    | 4023,90045       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 9   | 127,785      | 0,00000    | 0,00000    | 2536,22291 | 12279,14528      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 10  | 128,385      | 54,30920   | 0,00000    | 1792,20366 | 13345,28763      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 11  | 129,985      | 144,68386  | 0,00000    | 1157,47086 | 15017,72344      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 12  | 130,585      | 26,74328   | 26,74328   | 1711,56960 | 6920,24548       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 13  | 131,185      | 43,76536   | 0,00000    | 1137,89935 | 8752,84975       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 14  | 131,785      | 7,71200    | 0,00000    | 277,63217  | 1366,38669       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |



| Sample | Position (m) | 3 kammerig | 4 kammerig | H. sp.     | Hedbergella spp. | <i>Heterohelix morremani</i> | <i>H. navaroensis</i> | <i>H. reussi</i> | <i>H. striata</i> |
|--------|--------------|------------|------------|------------|------------------|------------------------------|-----------------------|------------------|-------------------|
| SA 15  | 132,385      | 0,00000    | 0,00000    | 2294,43983 | 7445,51689       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 16  | 132,985      | 0,00000    | 0,00000    | 1338,24971 | 3643,45736       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 17  | 133,585      | 0,00000    | 0,00000    | 1553,58573 | 11429,97115      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 18  | 134,185      | 11,58895   | 23,17791   | 220,19013  | 1948,76837       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 19  | 134,785      | 0,00000    | 0,00000    | 1311,05121 | 6928,33011       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 20  | 134,9        | 0,00000    | 0,00000    | 3849,41927 | 11164,38285      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 21  | 135,165      | 0,00000    | 0,00000    | 998,57574  | 2661,65611       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 22  | 135,415      | 63,66180   | 0,00000    | 2419,14827 | 11156,99724      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 23  | 135,715      | 128,89961  | 0,00000    | 1374,92919 | 6458,61137       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 24  | 136,04       | 0,00000    | 0,00000    | 1435,88305 | 5211,51771       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 25  | 136,765      | 0,00000    | 124,27184  | 1408,41424 | 8475,47175       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 26  | 137,365      | 62,18309   | 0,00000    | 822,95430  | 6694,16221       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 27  | 137,965      | 66,52050   | 0,00000    | 1729,53309 | 12781,78465      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 28  | 138,485      | 70,53556   | 70,53556   | 599,55226  | 3768,48025       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 29  | 138,58       | 42,66667   | 0,00000    | 896,00000  | 6762,49333       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 30  | 139,275      | 97,21134   | 0,00000    | 2576,10063 | 10582,95252      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 31  | 139,875      | 132,27838  | 0,00000    | 595,25270  | 4975,63245       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 32  | 140,475      | 87,98196   | 0,00000    | 1979,59403 | 9758,42825       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 33  | 141,075      | 15,12109   | 0,00000    | 317,54282  | 2005,95390       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 34  | 141,675      | 0,00000    | 0,00000    | 300,40337  | 3441,21579       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 35  | 142,275      | 36,35718   | 0,00000    | 872,57234  | 7701,41490       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 36  | 142,875      | 17,44463   | 104,66780  | 785,00852  | 3896,78918       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 38  | 144,075      | 0,00000    | 0,00000    | 2838,98486 | 12604,97662      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 39  | 144,675      | 0,00000    | 0,00000    | 1437,46562 | 6855,07133       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 40  | 145,275      | 0,00000    | 4,92210    | 1361,67510 | 6311,23076       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 41  | 145,875      | 59,43985   | 59,43985   | 980,75751  | 5789,93604       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |

| Sample    | Position (m) | 3 kammerig | 4 kammerig | H.sp.       | Hedbergella spp. | <i>Heterohelix morremani</i> | <i>H. navaroensis</i> | <i>H. reussi</i> | <i>H. striata</i> |
|-----------|--------------|------------|------------|-------------|------------------|------------------------------|-----------------------|------------------|-------------------|
| SA 42     | 146,475      | 21,36672   | 0,00000    | 1046,96922  | 3754,35845       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 43     | 147,075      | 0,00000    | 0,00000    | 2466,02056  | 11240,87540      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 44     | 147,675      | 0,00000    | 0,00000    | 4078,52063  | 14596,65609      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 45     | 148,275      | 0,00000    | 84,46522   | 760,18697   | 7673,17909       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 46     | 148,875      | 0,00000    | 0,00000    | 1131,10114  | 12527,78107      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 47     | 149,475      | 0,00000    | 0,00000    | 0,00000     | 2686,45954       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 48     | 149,825      | 12,11261   | 6,05630    | 272,53371   | 1304,99658       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 49     | 150,225      | 0,00000    | 0,00000    | 51,63893    | 868,47824        | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| SA 50     | 150,625      | 0,00000    | 0,00000    | 920,08457   | 3902,30708       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| HN 3/SA54 | 152,825      | 38,92056   | 0,00000    | 1634,66363  | 9769,06119       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| HN 8      | 155,225      | 0,00000    | 0,00000    | 1391,12715  | 1391,12715       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| HN 13     | 158,025      | 0,00000    | 0,00000    | 1014,44085  | 6866,98419       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| HN 18     | 161,025      | 0,00000    | 0,00000    | 1580,05935  | 12154,30267      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| HN 21/2   | 163,425      | 0,00000    | 0,00000    | 0,00000     | 0,00000          | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| HN 23     | 165,825      | 0,00000    | 0,00000    | 1788,64629  | 16144,88623      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| HN 29     | 169,425      | 33,11505   | 0,00000    | 347,70798   | 2450,51338       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| HN 103    | 173,625      | 0,00000    | 0,00000    | 379,96289   | 5265,20011       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| HN 108    | 175,825      | 0,00000    | 0,00910    | 149,01319   | 5439,00864       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| HN 113    | 178,825      | 0,00000    | 0,00000    | 0,00000     | 14926,37499      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| HN 118    | 181,825      | 37,30079   | 0,00000    | 1193,62535  | 6415,73627       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| HN 123    | 184,825      | 0,00000    | 0,00000    | 29115,07387 | 54167,64129      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| HN 128    | 187,825      | 0,00000    | 0,00000    | 15252,95044 | 49630,72186      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| HN 133    | 191,385      | 0,00000    | 0,00000    | 9213,72776  | 24485,78692      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| HN 134    | 191,985      | 0,00000    | 0,00000    | 0,00000     | 6352,79248       | 61,08418                     | 0,00000               | 0,00000          | 0,00000           |
| HN 135    | 192,585      | 0,00000    | 0,00000    | 911,82223   | 6447,87725       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| HN 136    | 193,185      | 167,26901  | 0,00000    | 6188,98418  | 29439,41807      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |

| Sample | Position (m) | 3 kammerig | 4 kammerig | H. sp.      | Hedbergella spp. | Heterohelix morremani | H. navaroensis | H. reussi  | H. striata |
|--------|--------------|------------|------------|-------------|------------------|-----------------------|----------------|------------|------------|
| HN 137 | 193,785      | 0,00000    | 0,00000    | 0,00000     | 0,00000          | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| HN 138 | 194,385      | 0,00000    | 0,00000    | 2587,15502  | 12710,60689      | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| HN 139 | 194,985      | 77,90775   | 0,00000    | 1246,55254  | 9582,94817       | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| HN 142 | 196,785      | 91,33683   | 0,00000    | 7946,30394  | 20185,68402      | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| HN 143 | 197,385      | 0,00000    | 0,00000    | 5781,24768  | 21144,37430      | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| HN 144 | 197,985      | 0,00000    | 0,00000    | 332,14079   | 3082,85284       | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| HN 146 | 199,185      | 0,00000    | 0,00000    | 546,90081   | 3827,34629       | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| HN 148 | 200,385      | 0,00000    | 0,00000    | 396,69830   | 4919,17119       | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| HN 153 | 203,385      | 64,71285   | 0,00000    | 905,97994   | 5759,44387       | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| HN 158 | 206,385      | 0,00000    | 0,00000    | 1661,26189  | 8369,77071       | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| HN 163 | 209,385      | 0,00000    | 0,00000    | 655,80548   | 3059,29054       | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| HN 168 | 212,385      | 0,00000    | 0,04663    | 3437,67339  | 13655,22788      | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| HN 173 | 215,385      | 0,00000    | 0,00000    | 153,48728   | 306,97457        | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| HN 178 | 218,385      | 0,00000    | 0,00000    | 212,57041   | 3561,59947       | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| HN 183 | 222,085      | 0,00000    | 0,00000    | 823,22465   | 5419,57347       | 0,00000               | 0,00000        | 22,86735   | 0,00000    |
| FS 101 | 243,185      | 0,00000    | 159,05767  | 2279,87185  | 9543,55705       | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| FS 104 | 244,585      | 0,00000    | 0,00000    | 72724,32135 | 129220,90059     | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| FS 105 | 245,185      | 0,00000    | 0,00000    | 24545,31835 | 48652,34082      | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| FS 106 | 245,785      | 0,00000    | 0,00000    | 15975,18122 | 32160,56193      | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| FS 108 | 246,895      | 0,00000    | 0,00000    | 24425,25041 | 47069,51627      | 254,42969             | 0,00000        | 0,00000    | 0,00000    |
| FS 110 | 248,095      | 0,00000    | 0,00000    | 55524,33148 | 134183,74371     | 0,00000               | 0,00000        | 2313,51161 | 0,00000    |
| FS 111 | 248,695      | 0,00000    | 0,00000    | 7175,47445  | 22630,34250      | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| FS 113 | 249,655      | 0,00000    | 0,00000    | 19843,67385 | 43230,87016      | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| FS 115 | 250,855      | 0,00000    | 0,00000    | 95405,27716 | 194479,94821     | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| FS 117 | 252,055      | 0,00000    | 0,00000    | 2349,00806  | 14220,64476      | 0,00000               | 0,00000        | 0,00000    | 0,00000    |
| FS 119 | 253,255      | 0,00000    | 0,00000    | 18383,86657 | 55648,46096      | 0,00000               | 0,00000        | 0,00000    | 0,00000    |

| Sample    | Position (m) | 3 kammerig | 4 kammerig | H. sp.      | Hedbergella spp. | <i>Heterohelix morremani</i> | <i>H. navaroensis</i> | <i>H. reussi</i> | <i>H. striata</i> |
|-----------|--------------|------------|------------|-------------|------------------|------------------------------|-----------------------|------------------|-------------------|
| FS 120    | 253,855      | 0,00000    | 0,00000    | 17604,60840 | 29341,03391      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| FS 122    | 255,055      | 0,00000    | 112,42709  | 1349,12509  | 4778,17882       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| FS 123    | 255,655      | 0,00000    | 0,00000    | 37739,91588 | 87353,08962      | 848,08800                    | 0,00000               | 1272,13200       | 0,00000           |
| FS 126    | 257,455      | 0,00000    | 0,00000    | 17138,92902 | 37814,46243      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| FS 127    | 258,055      | 93,74070   | 0,00000    | 7124,29340  | #WERT!           | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| FS 131    | 259,855      | 0,00000    | 0,00000    | 21979,79798 | 47062,64205      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| FS 132    | 260,455      | 0,00000    | 0,00000    | 13633,40146 | 27266,89051      | 717,54745                    | 0,00000               | 0,00000          | 0,00000           |
| 500/3/98  | 261,755      | 0,00000    | 0,00000    | 21292,47606 | 55752,87278      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| 507/3/98  | 264,135      | 0,00000    | 0,00000    | 8707,91409  | 26243,05060      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| 511/3/98  | 265,305      | 0,00000    | 0,00000    | 2073,15667  | 11286,12497      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| 517/1/98  | 266,95       | 0,00000    | 0,00000    | 37597,59211 | 120206,01164     | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| 519/2/98  | 267,725      | 0,00000    | 0,00000    | 2806,30828  | 12939,18173      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| 524/2/98  | 268,79       | 0,00000    | 0,00000    | 12254,79776 | 75785,15894      | 644,97589                    | 0,00000               | 0,00000          | 0,00000           |
| 526/1/98  | 269,285      | 0,00000    | 0,00000    | 11760,15498 | 57731,59054      | 1069,10277                   | 0,00000               | 0,00000          | 0,00000           |
| 526/5/98  | 269,865      | 0,00000    | 0,00000    | 4996,39001  | 18905,26663      | 405,11003                    | 0,00000               | 0,00000          | 0,00000           |
| 526/11/98 | 270,605      | 0,00000    | 0,00000    | 0,00000     | 15698,40308      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| 532/2/98  | 272,465      | 0,00000    | 0,00000    | 2385,94703  | 11629,74424      | 447,36507                    | 0,00000               | 0,00000          | 0,00000           |
| 532/5/98  | 273,185      | 0,00000    | 0,00000    | 0,22722     | 11346,14802      | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| 534/2/98  | 275,785      | 260,91249  | 0,00000    | 7045,14691  | 33658,53969      | 0,00000                      | 0,00000               | 130,45625        | 0,00000           |
| PVB 1     | 277,385      | 0,00000    | 0,00000    | 1806,75554  | 18803,44793      | 1313,74161                   | 0,00000               | 492,65310        | 0,00000           |
| PVB 2     | 277,985      | 0,00000    | 0,00000    | 4037,22108  | 19288,66530      | 672,85421                    | 0,00000               | 112,14237        | 0,00000           |
| PVB 3     | 278,585      | 0,00000    | 0,00000    | 4036,51457  | 16057,82991      | 1403,94173                   | 0,00000               | 87,74636         | 0,00000           |
| PVB 4     | 279,185      | 0,00000    | 0,00000    | 4701,96355  | 19880,09264      | 659,91340                    | 0,00000               | 0,00000          | 0,00000           |
| PVB 5     | 279,36       | 0,00000    | 0,00000    | 431,57895   | 1940,63158       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PVB 6     | 280,135      | 0,00000    | 0,00000    | 3918,70568  | 13000,52898      | 184,40068                    | 0,00000               | 0,00000          | 0,00000           |
| PVB 9     | 281,535      | 0,00000    | 0,01583    | 5188,75257  | 14850,47491      | 518,72724                    | 0,00000               | 194,52272        | 0,00000           |

| Sample | Position (m) | 3 kammerig | 4 kammerig | H. sp.      | Hedbergella spp. | Heterohelix morremani | H. navaroensis | H. reussi | H. striata |
|--------|--------------|------------|------------|-------------|------------------|-----------------------|----------------|-----------|------------|
| PVB 10 | 276,785      | 0,00000    | 0,00000    | 31594,96786 | 77045,10318      | 1662,78755            | 0,00000        | 554,26252 | 0,00000    |
| PVB 11 | 282,435      | 0,00000    | 0,00000    | 14641,17021 | 54729,78723      | 1742,97872            | 0,00000        | 348,59574 | 0,00000    |
| PVB 12 | 283,035      | 0,00000    | 0,00856    | 1824,55464  | 4490,91298       | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| PVB 13 | 283,635      | 0,00000    | 0,00000    | 6302,32039  | 23481,23837      | 406,60132             | 0,00000        | 101,65033 | 0,00000    |
| PVB 14 | 284,235      | 0,00000    | 0,00000    | 4474,41225  | 24317,33555      | 1750,84303            | 0,00000        | 389,07623 | 0,00000    |
| PVB 15 | 284,835      | 0,00000    | 0,00000    | 3878,40495  | 13424,95448      | 1044,13693            | 0,00000        | 596,64967 | 0,00000    |
| PVB 16 | 284,96       | 0,00000    | 0,00000    | 2104,16667  | 7598,23059       | 116,89498             | 0,00000        | 233,78995 | 0,00000    |
| PVB 17 | 285,685      | 0,00000    | 0,03825    | 1201,24952  | 7259,77305       | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| PVB 18 | 286,285      | 0,00000    | 0,00000    | 5749,46889  | 25483,92451      | 621,54780             | 0,00000        | 776,93475 | 0,00000    |
| PVB 19 | 286,885      | 0,00000    | 0,00000    | 14576,43112 | 42773,46314      | 1194,77868            | 0,00000        | 477,91147 | 0,00000    |
| PVB 21 | 288,085      | 170,96943  | 0,00000    | 13506,58458 | 51803,74622      | 512,90828             | 0,00000        | 0,00000   | 0,00000    |
| PVB 22 | 288,685      | 0,00000    | 0,00000    | 4243,24482  | 13386,68661      | 358,56434             | 0,00000        | 179,28217 | 0,00000    |
| PVB 23 | 289,285      | 0,00000    | 0,00000    | 5360,88412  | 23187,38492      | 249,31903             | 0,00000        | 373,97854 | 0,00000    |
| PVB 24 | 289,885      | 0,00000    | 0,00000    | 4544,67579  | 12394,45245      | 118,04035             | 0,00000        | 177,06052 | 0,00000    |
| PVB 25 | 290,485      | 77,90034   | 0,00000    | 1247,40396  | 6700,61811       | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| PVB 26 | 291,085      | 0,00000    | 0,00000    | 2754,52854  | 13948,46902      | 468,85105             | 0,00000        | 468,85105 | 0,00000    |
| PVB 27 | 291,235      | 0,00000    | 0,00000    | 3455,25095  | 10135,16097      | 921,35527             | 0,00000        | 460,67763 | 0,00000    |
| PVB 28 | 291,985      | 0,00000    | 0,00000    | 3690,09009  | 13222,82282      | 538,13814             | 0,00000        | 307,50751 | 0,00000    |
| PVB 29 | 292,585      | 0,00000    | 0,00000    | 1831,96889  | 13301,60428      | 318,59990             | 0,00000        | 318,59990 | 0,00000    |
| PVB 31 | 293,785      | 0,00000    | 0,00000    | 5749,09212  | 17977,35324      | 547,53258             | 0,00000        | 91,25543  | 0,00000    |
| PVB 32 | 294,385      | 0,00000    | 0,00000    | 2059,02445  | 4398,69774       | 280,74023             | 0,00000        | 0,00000   | 0,00000    |
| PVB 34 | 295,235      | 0,00000    | 0,00000    | 4079,60860  | 11737,75992      | 500,99598             | 0,00000        | 143,14171 | 0,00000    |
| PVB 35 | 295,835      | 0,00000    | 0,00000    | 4725,58320  | 6136,06783       | 141,03469             | 0,00000        | 70,51735  | 0,00000    |
| PVB 36 | 296,435      | 0,00000    | 0,00000    | 2749,38776  | 15450,53968      | 743,03855             | 0,00000        | 817,34240 | 0,00000    |
| PVB 37 | 297,035      | 0,00000    | 0,00000    | 5638,31408  | 27382,14959      | 939,52650             | 0,00000        | 671,09036 | 0,00000    |
| PVB 38 | 297,635      | 0,00000    | 0,00000    | 904,09642   | 17296,13991      | 129,06885             | 0,00000        | 258,13770 | 0,00000    |

| Sample | Position (m) | 3 kammerig | 4 kammerig | H. sp.      | Hedbergella spp. | Heterohelix morremani | H. navaroensis | H. reussi | H. striata |
|--------|--------------|------------|------------|-------------|------------------|-----------------------|----------------|-----------|------------|
| PVB 41 | 299,36       | 0,00000    | 0,00000    | 3587,15596  | 4270,97581       | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| PVB 42 | 300,085      | 0,00000    | 0,00000    | 3950,90909  | 12591,49171      | 411,45153             | 0,00000        | 246,87092 | 0,00000    |
| PVB 43 | 300,685      | 0,00000    | 0,02432    | 9964,64364  | 24163,15982      | 1992,70251            | 0,00000        | 996,35125 | 0,00000    |
| PVB 44 | 300,86       | 0,00000    | 0,00000    | 3233,94267  | 7148,23432       | 510,51101             | 0,00000        | 0,00000   | 0,00000    |
| PVB 45 | 301,635      | 0,00000    | 0,00000    | 2982,44242  | 9123,88092       | 178,00956             | 0,00000        | 44,50239  | 0,00000    |
| PVB 48 | 303,435      | 0,00000    | 0,02727    | 3016,85301  | 17091,21898      | 558,49468             | 0,00000        | 111,69894 | 0,00000    |
| PVB 50 | 304,735      | 0,00000    | 0,00000    | 7394,17674  | 22711,83256      | 838,25116             | 0,00000        | 152,40930 | 0,00000    |
| PVB 51 | 305,335      | 0,00000    | 0,00000    | 3591,57583  | 13977,29858      | 388,24645             | 0,00000        | 97,06161  | 0,00000    |
| PVB 52 | 305,935      | 0,00000    | 0,00000    | 8233,87429  | 15927,30867      | 404,90979             | 0,00000        | 134,96993 | 0,00000    |
| PVB 54 | 307,135      | 126,38075  | 126,38075  | 3412,57328  | 19589,52484      | 252,76149             | 0,00000        | 379,14224 | 0,00000    |
| PVB 55 | 307,735      | 0,00000    | 0,00000    | 2546,88127  | 11419,11352      | 246,45006             | 0,00000        | 0,00000   | 0,00000    |
| PVB 57 | 308,935      | 0,00000    | 0,00000    | 3712,41102  | 6731,02755       | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| PVB 58 | 309,535      | 0,00000    | 0,00000    | 5973,68247  | 18282,99635      | 724,07469             | 0,00000        | 0,00000   | 0,00000    |
| PVB 59 | 310,135      | 172,01050  | 0,00000    | 2236,16798  | 10578,75066      | 172,01050             | 0,00000        | 0,00000   | 0,00000    |
| PVB 62 | 311,935      | 0,00000    | 11,64298   | 1082,80841  | 3329,91472       | 34,92894              | 0,00000        | 46,57192  | 0,00000    |
| PVB 63 | 312,535      | 0,00000    | 0,00000    | 94784,26079 | 118404,98623     | 451,34986             | 0,00000        | 451,34986 | 0,00000    |
| PVB 64 | 313,135      | 0,00000    | 0,00000    | 6134,41967  | 17008,88359      | 278,82914             | 0,00000        | 139,41457 | 0,00000    |
| PVB 65 | 313,735      | 0,00000    | 0,00000    | 0,02850     | 6460,23753       | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| PVB 67 | 314,935      | 0,00000    | 0,00000    | 4583,36040  | 16410,99080      | 739,21675             | 0,00000        | 739,21675 | 0,00000    |
| PVB 68 | 315,535      | 0,00000    | 0,00000    | 3480,22719  | 10743,19357      | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| PVB 70 | 316,435      | 0,00000    | 0,00000    | 0,02275     | 4535,97542       | 372,81553             | 0,00000        | 186,40777 | 0,00000    |
| PVB 72 | 317,635      | 0,00000    | 0,00000    | 87,65247    | 11745,44190      | 175,30494             | 0,00000        | 525,91483 | 0,00000    |
| PVB 73 | 318,235      | 0,00000    | 0,00000    | 7807,73984  | 18961,68831      | 428,99036             | 0,00000        | 257,39422 | 0,00000    |
| PVB 74 | 318,835      | 0,00000    | 0,00000    | 7616,50168  | 22566,39408      | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| PVB 76 | 319,685      | 0,00000    | 0,00000    | 2505,55851  | 11220,59840      | 217,87234             | 0,00000        | 108,93617 | 0,00000    |
| PVB 78 | 320,885      | 0,00000    | 0,00000    | 5243,08571  | 20035,55429      | 187,24571             | 0,00000        | 187,24571 | 0,00000    |

| Sample  | Position (m) | 3 kammerig | 4 kammerig | H.sp.       | Hedbergella spp. | <i>Heterohelix morremani</i> | <i>H. navaroensis</i> | <i>H. reussi</i> | <i>H. striata</i> |
|---------|--------------|------------|------------|-------------|------------------|------------------------------|-----------------------|------------------|-------------------|
| PVB 80  | 322,085      | 0,00000    | 0,00000    | 1892,03470  | 4245,58360       | 138,44074                    | 0,00000               | 0,00000          | 0,00000           |
| PVB 81  | 322,685      | 0,00000    | 0,00000    | 13592,92035 | 54673,74631      | 906,19469                    | 0,00000               | 604,12979        | 0,00000           |
| PVB 83  | 323,485      | 0,00000    | 0,00000    | 2301,70825  | 10219,40886      | 184,13127                    | 0,00000               | 189,18858        | 0,00000           |
| PVB 84  | 324,085      | 0,00000    | 0,00000    | 9571,08771  | 25477,93319      | 134,80336                    | 0,00000               | 539,21343        | 0,00000           |
| PVB 85  | 324,685      | 0,00000    | 0,00000    | 2865,57613  | 9860,88477       | 337,11934                    | 0,00000               | 168,55967        | 0,00000           |
| PVB 86  | 325,285      | 0,00000    | 0,00000    | 0,02414     | 9194,52088       | 98,86556                     | 0,00000               | 98,86556         | 0,00000           |
| PVB 87  | 325,885      | 0,00000    | 0,00000    | 8600,94892  | 25057,84373      | 744,27620                    | 0,00000               | 248,09207        | 0,00000           |
| PVB 89  | 327,085      | 0,00000    | 0,00000    | 3441,70546  | 14696,85477      | 837,15227                    | 0,00000               | 465,08459        | 0,00000           |
| PVB 90  | 327,685      | 0,00000    | 0,00000    | 1775,16250  | 8794,22888       | 161,35513                    | 0,00000               | 0,00000          | 0,00000           |
| PVB 92  | 328,885      | 0,00000    | 0,00000    | 971,82446   | 11571,89994      | 264,99892                    | 0,00000               | 0,00000          | 0,00000           |
| PVB 94  | 329,785      | 0,00000    | 0,00000    | 4791,47727  | 23135,90408      | 0,00000                      | 0,00000               | 410,69519        | 0,00000           |
| PVB 96  | 330,985      | 0,00000    | 0,00000    | 2137,07510  | 10426,30040      | 64,75889                     | 0,00000               | 64,75889         | 0,00000           |
| PVB 98  | 332,185      | 0,00000    | 0,00000    | 1609,97467  | 10232,09014      | 357,76050                    | 0,00000               | 321,98445        | 0,00000           |
| PVB 100 | 333,385      | 111,88200  | 0,00000    | 3020,81399  | 11467,91860      | 223,76400                    | 0,00000               | 0,00000          | 0,00000           |
| PVB 101 | 333,985      | 0,00000    | 0,00000    | 1012,33431  | 3267,19838       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PVB 103 | 335,185      | 0,00000    | 0,00000    | 4190,28133  | 15149,53767      | 161,16467                    | 0,00000               | 483,49400        | 0,00000           |
| PVB 104 | 335,785      | 0,00000    | 0,00000    | 7393,50246  | 30558,58819      | 328,56713                    | 0,00000               | 328,56713        | 0,00000           |
| PVB 105 | 336,385      | 0,00000    | 0,00000    | 0,00000     | 7572,68160       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PVB 107 | 337,585      | 0,00000    | 0,00000    | 2288,64271  | 9588,22849       | 39,45670                     | 0,00000               | 39,45670         | 0,00000           |
| PVB 108 | 338,185      | 0,00000    | 0,00000    | 4756,85813  | 14913,40239      | 449,96861                    | 0,00000               | 514,24984        | 0,00000           |
| PVB 110 | 339,385      | 0,00000    | 0,00000    | 1996,61649  | 16326,03584      | 234,89606                    | 0,00000               | 117,44803        | 0,00000           |
| PVB 111 | 339,485      | 0,00000    | 0,00000    | 1890,55153  | 6210,96462       | 270,00659                    | 0,00000               | 0,00000          | 0,00000           |
| PVB 113 | 340,785      | 0,00000    | 0,00000    | 1520,66619  | 8787,25379       | 422,39868                    | 0,00000               | 253,43921        | 0,00000           |
| PVB 115 | 341,985      | 0,00000    | 0,00000    | 3094,04691  | 13596,78990      | 895,56748                    | 0,00000               | 488,49135        | 0,00000           |
| PVB 116 | 342,085      | 0,00000    | 0,00000    | 0,05032     | 7282,67360       | 0,00000                      | 0,00000               | 0,00000          | 0,00000           |
| PVB 117 | 342,185      | 0,00000    | 0,00000    | 4310,08084  | 18991,95481      | 1276,63388                   | 0,00000               | 718,10655        | 0,00000           |

| Sample   | Position (m) | 3 kammerig | 4 kammerig | H.sp.      | Hedbergella spp. | Heterohelix morremani | H. navaroensis | H. reussi | H. striata |
|----------|--------------|------------|------------|------------|------------------|-----------------------|----------------|-----------|------------|
| PVB 119  | 342,435      | 0,00000    | 0,00000    | 2874,60884 | 11781,04004      | 659,73309             | 0,00000        | 376,99034 | 0,00000    |
| PVB 120  | 342,935      | 0,00000    | 0,00000    | 2614,28685 | 12808,69496      | 392,08679             | 0,00000        | 0,00000   | 0,00000    |
| PVB 122  | 343,285      | 0,00000    | 0,00000    | 1025,07778 | 2756,60760       | 27,70188              | 0,00000        | 83,10564  | 0,00000    |
| PVB 123  | 343,685      | 0,00000    | 0,00000    | 2971,92429 | 6589,90536       | 129,21136             | 0,00000        | 0,00000   | 0,00000    |
| PVB 127  | 345,335      | 0,00000    | 0,00000    | 3894,45207 | 7106,39090       | 120,44697             | 0,00000        | 0,00000   | 0,00000    |
| PVB 131  | 347,735      | 78,25755   | 78,25755   | 3874,26442 | 7318,18877       | 430,41651             | 0,00000        | 0,00000   | 0,00000    |
| PVB 132  | 348,335      | 0,00000    | 0,00000    | 526,06216  | 6599,82891       | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| PVB 134  | 349,535      | 0,00000    | 0,02466    | 1439,31698 | 4040,57453       | 126,24830             | 0,00000        | 25,24966  | 0,00000    |
| PVB 135  | 350,135      | 0,00000    | 99,85375   | 8985,75259 | 12130,98111      | 149,76234             | 0,00000        | 0,00000   | 0,00000    |
| PVB 136  | 350,735      | 0,00000    | 0,00000    | 9936,19733 | 13052,70298      | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| PVB 139  | 352,535      | 0,00000    | 0,00000    | 1727,68882 | 8190,28353       | 191,95501             | 0,00000        | 63,98500  | 0,00000    |
| PVB 142  | 353,835      | 0,00000    | 0,00000    | 1711,86567 | 23476,05970      | 855,88060             | 0,00000        | 489,07463 | 0,00000    |
| PVB 143  | 354,285      | 0,00000    | 0,00000    | 605,50628  | 5348,36167       | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| PVB 144  | 354,885      | 0,00000    | 102,09268  | 4643,49776 | 9185,10214       | 458,96861             | 0,00000        | 51,02143  | 0,00000    |
| PVB 147  | 356,685      | 0,00000    | 0,00000    | 4783,52975 | 22114,58185      | 581,57035             | 0,00000        | 348,94221 | 0,00000    |
| PVB 148  | 357,285      | 0,00000    | 0,00000    | 1468,13045 | 31267,61599      | 37,62977              | 0,00000        | 150,51906 | 0,00000    |
| PVB 150  | 358,485      | 0,00000    | 0,00000    | 3979,40899 | 12767,35933      | 165,80758             | 0,00000        | 110,53839 | 0,00000    |
| PVB 151  | 359,085      | 0,00000    | 0,00000    | 2304,58382 | 13556,37101      | 338,90452             | 0,00000        | 203,34271 | 0,00000    |
| PVB 152  | 359,685      | 0,00000    | 0,00000    | 0,02461    | 8870,54264       | 201,59961             | 0,00000        | 0,00000   | 0,00000    |
| PVB 153  | 360,285      | 0,00000    | 0,00000    | 6040,01532 | 8236,74134       | 470,53418             | 0,00000        | 156,84473 | 0,00000    |
| PVB 154  | 360,885      | 0,00000    | 0,00000    | 1551,23052 | 6920,76598       | 357,88554             | 0,00000        | 0,00000   | 0,00000    |
| PVB 159  | 364,085      | 0,00000    | 0,00000    | 1496,84346 | 1497,27292       | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| 704/1/98 | 367,865      | 0,00000    | 0,00000    | 486,24926  | 5262,62911       | 145,85163             | 0,00000        | 0,00000   | 0,00000    |
| 705/1/98 | 368,465      | 0,00000    | 0,00000    | 2538,92063 | 10816,19667      | 416,10159             | 0,00000        | 416,10159 | 0,00000    |
| 707/1/98 | 369,885      | 0,00000    | 0,00000    | 1858,30882 | 8387,66412       | 289,12941             | 0,00000        | 96,37647  | 0,00000    |
| 711/1/98 | 371,805      | 0,00000    | 0,00000    | 695,57029  | 1440,00257       | 0,00000               | 0,00000        | 0,00000   | 0,00000    |



| Sample   | Position (m) | 3 kammerig | 4 kammerig | H. sp.     | Hedbergella spp. | Heterohelix morremani | H. navaroensis | H. reussi | H. striata |
|----------|--------------|------------|------------|------------|------------------|-----------------------|----------------|-----------|------------|
| 714/1/98 | 373,125      | 0,00000    | 0,00000    | 6692,75493 | 18251,44437      | 323,06479             | 0,00000        | 184,60845 | 0,00000    |
| 717/1/98 | 374,795      | 51,20000   | 0,00000    | 1916,10000 | 8206,04000       | 665,60000             | 0,00000        | 204,80000 | 0,00000    |
| 718/1/98 | 375,415      | 0,00000    | 0,00000    | 366,33249  | 4145,42446       | 165,07809             | 0,00000        | 0,00000   | 0,00000    |
| 721/1/98 | 378,625      | 0,00000    | 0,00000    | 1205,36092 | 2792,71667       | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| 722/1/98 | 378,995      | 0,00000    | 0,00000    | 1496,89516 | 10412,91742      | 396,38710             | 0,00000        | 132,12903 | 0,00000    |
| 727/1/98 | 381,055      | 0,00000    | 0,00000    | 1470,02667 | 5456,05667       | 27,30667              | 0,00000        | 54,61333  | 0,00000    |
| 728/1/98 | 381,535      | 205,44201  | 0,00000    | 880,65204  | 4171,12016       | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| 730/1/98 | 382,615      | 0,00000    | 0,00000    | 35,97661   | 846,25047        | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| 732/2/98 | 383,145      | 0,00000    | 0,00000    | 1340,76768 | 4510,86071       | 82,74747              | 0,00000        | 103,43434 | 0,00000    |
| 734/1/98 | 383,965      | 0,00000    | 0,00000    | 791,88406  | 1626,61116       | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| 736/2/98 | 384,975      | 0,00000    | 0,00000    | 1123,62887 | 2929,95000       | 0,00000               | 126,68041      | 0,00000   | 0,00000    |
| 739/3/98 | 386,645      | 0,00000    | 0,00000    | 759,71038  | 2618,74902       | 0,00000               | 156,67760      | 0,00000   | 0,00000    |
| 740/2/98 | 387,085      | 210,05128  | 0,00000    | 2636,30769 | 14728,48718      | 315,07692             | 0,00000        | 840,20513 | 0,00000    |
| 742/2/98 | 387,795      | 0,00000    | 0,00000    | 1139,75652 | 7063,59290       | 284,93913             | 0,00000        | 94,97971  | 0,00000    |
| 744/2/98 | 388,855      | 0,00000    | 0,00000    | 1811,63043 | 10133,41652      | 178,08696             | 0,00000        | 0,00000   | 0,00000    |
| 745/4/98 | 389,465      | 0,00000    | 0,00000    | 0,05287    | 786,12310        | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| 746/2/98 | 390,255      | 0,00000    | 0,00000    | 0,00551    | 2346,91257       | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| 747/4/98 | 390,805      | 0,00000    | 0,00000    | 3560,78535 | 12802,12768      | 496,48485             | 0,00000        | 0,00000   | 0,00000    |
| 748/2/98 | 391,365      | 0,00000    | 0,00000    | 4587,54400 | 17297,83600      | 786,43200             | 0,00000        | 524,28800 | 0,00000    |
| 750/2/98 | 393,075      | 0,00000    | 0,00000    | 401,24082  | 2942,43265       | 133,74694             | 0,00000        | 66,87347  | 0,00000    |
| 755/3/98 | 395,955      | 0,00000    | 0,00000    | 2625,42769 | 4324,99923       | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| 756/3/98 | 396,355      | 0,00000    | 0,00000    | 0,22340    | 793,08234        | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| 759/2/99 | 397,745      | 0,00000    | 0,00000    | 0,40440    | 851,94714        | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| 761/5/98 | 399,355      | 0,00000    | 0,00000    | 291,27556  | 3076,80222       | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| 767/3/98 | 403,965      | 0,00000    | 0,00000    | 326,89277  | 2267,70324       | 286,00499             | 0,00000        | 61,28678  | 0,00000    |
| 775/2/98 | 407,825      | 0,00000    | 0,00000    | 301,40046  | 4142,13272       | 824,82380             | 0,00000        | 0,00000   | 0,00000    |

| Sample    | Position (m) | 3 kammerig | 4 kammerig | H. sp.      | Hedbergella spp. | Heterohelix morremani | H. navaroensis | H. reussi | H. striata |
|-----------|--------------|------------|------------|-------------|------------------|-----------------------|----------------|-----------|------------|
| 776/10/98 | 409,065      | 0,00000    | 0,00000    | 857,86047   | 4577,83058       | 333,39535             | 0,00000        | 190,51163 | 0,00000    |
| 777/3/98  | 409,725      | 0,00000    | 0,00000    | 850,23834   | 3077,77124       | 191,00518             | 0,00000        | 148,55959 | 0,00000    |
| 781/1/98  | 411,445      | 0,00000    | 0,00000    | 2542,30008  | 4600,45396       | 262,22791             | 0,00000        | 0,00000   | 0,00000    |
| 781/2/98  | 411,525      | 0,00000    | 0,00000    | 753,68533   | 897,05067        | 87,38133              | 0,00000        | 0,00000   | 0,00000    |
| 781/3/98  | 411,705      | 0,00000    | 0,00000    | 8880,43766  | 10766,15366      | 1183,50367            | 0,00000        | 0,00000   | 0,00000    |
| 781/4/98  | 411,835      | 0,00000    | 0,00000    | 4571,23156  | 6686,16165       | 1000,26815            | 0,00000        | 0,00000   | 0,00000    |
| 782/1/98  | 412,015      | 0,00000    | 0,00000    | 3245,88119  | 4045,98020       | 162,21782             | 0,00000        | 0,00000   | 97,33069   |
| 782/2/98  | 412,115      | 0,00000    | 0,00000    | 4637,58249  | 7280,90629       | 360,40475             | 0,00000        | 0,00000   | 135,15178  |
| 782/4/98  | 412,315      | 0,00000    | 0,00000    | 6369,56293  | 7359,76830       | 485,30806             | 0,00000        | 0,00000   | 215,69247  |
| 782/6/98  | 412,515      | 0,00000    | 0,00000    | 545,91817   | 1365,40438       | 350,75167             | 0,00000        | 0,00000   | 155,88963  |
| 782/7/98  | 412,615      | 0,00000    | 0,00000    | 4783,69955  | 6520,77295       | 159,57613             | 0,00000        | 0,00000   | 159,57613  |
| 783/1/98  | 412,795      | 0,00000    | 0,00000    | 5649,92089  | 6851,79310       | 99,69980              | 0,00000        | 0,00000   | 33,23327   |
| 784/1/98  | 412,995      | 0,00000    | 0,00000    | 3650,68914  | 5466,37581       | 284,30342             | 0,00000        | 0,00000   | 101,53694  |
| 784/2/98  | 413,115      | 0,00000    | 0,00000    | 8212,47417  | 11883,03588      | 769,49089             | 0,00000        | 0,00000   | 153,89818  |
| 784/3/98  | 413,235      | 0,00000    | 0,00000    | 244,47267   | 1570,48875       | 52,68167              | 0,00000        | 0,00000   | 0,00000    |
| 784/5/98  | 413,475      | 0,00000    | 0,00000    | 2761,56527  | 3575,66464       | 122,35388             | 0,00000        | 0,00000   | 0,00000    |
| 784/6/98  | 413,595      | 0,00000    | 0,00000    | 7201,03332  | 11340,42883      | 687,78094             | 0,00000        | 0,00000   | 529,06226  |
| 785/1/98  | 413,795      | 0,00000    | 0,00000    | 3754,03563  | 6379,55795       | 112,60172             | 0,00000        | 0,00000   | 0,00000    |
| 786/1/98  | 413,895      | 0,00000    | 0,00000    | 741,81781   | 1655,39502       | 52,46439              | 0,00000        | 0,00000   | 15,73932   |
| 786/2/98  | 413,945      | 0,00000    | 0,00000    | 1953,31128  | 2402,24127       | 82,95416              | 0,00000        | 0,00000   | 0,00000    |
| 786/3/98  | 413,995      | 0,00000    | 0,00000    | 2430,45961  | 4160,78325       | 41,77318              | 0,00000        | 0,00000   | 55,69758   |
| 787/1/98  | 414,095      | 0,00000    | 0,00000    | 4923,72347  | 7737,15066       | 215,17125             | 0,00000        | 0,00000   | 172,13700  |
| 787/2/98  | 414,145      | 0,00000    | 0,00000    | 3362,72410  | 4630,90540       | 184,73334             | 0,00000        | 0,00000   | 138,55001  |
| 787/3/98  | 414,195      | 0,00000    | 0,00000    | 12318,44447 | 12554,12844      | 897,38464             | 0,00000        | 0,00000   | 280,43270  |
| 788/1/98  | 414,385      | 0,00000    | 0,00000    | 3113,14642  | 3153,12150       | 76,56075              | 0,00000        | 0,00000   | 25,52025   |
| 788/2/98  | 414,525      | 0,00000    | 0,00000    | 2836,47206  | 4540,71203       | 73,27807              | 0,00000        | 0,00000   | 24,42602   |

| Sample    | Position (m) | 3 kammerig | 4 kammerig | H.sp.       | Hedbergella spp. | Heterohelix morremani | H. navaroensis | H. reussi | H. striata |
|-----------|--------------|------------|------------|-------------|------------------|-----------------------|----------------|-----------|------------|
| 789/1/98  | 414,725      | 0,00000    | 0,00000    | 2689,66571  | 4144,59408       | 156,48520             | 0,00000        | 0,00000   | 117,36390  |
| 789/2/98  | 414,775      | 0,00000    | 0,00000    | 10873,94244 | 16099,21447      | 580,20733             | 0,00000        | 0,00000   | 158,23836  |
| 789/3/98  | 414,825      | 0,00000    | 0,00000    | 5966,32993  | 8423,53676       | 469,23558             | 0,00000        | 0,00000   | 127,97334  |
| 789/4/98  | 414,875      | 0,00000    | 0,00000    | 4710,12714  | 7534,07497       | 359,14073             | 0,00000        | 0,00000   | 157,12407  |
| 789/5/98  | 414,925      | 0,00000    | 0,00000    | 3433,34874  | 5004,07729       | 113,60947             | 0,00000        | 0,00000   | 151,47929  |
| 789/6/98  | 414,975      | 0,00000    | 0,00000    | 3620,87469  | 5182,74400       | 127,04715             | 0,00000        | 0,00000   | 84,69810   |
| 789/7/98  | 415,025      | 0,00000    | 0,00000    | 11025,53434 | 14537,13309      | 291,82103             | 0,00000        | 0,00000   | 233,45683  |
| 789/8/98  | 415,075      | 0,00000    | 0,00000    | 2696,08484  | 4917,18370       | 191,36610             | 0,00000        | 0,00000   | 95,68305   |
| 790/1/98  | 415,225      | 0,00000    | 0,00000    | 2223,03590  | 2477,94170       | 127,40846             | 0,00000        | 0,00000   | 0,00000    |
| 790/2/98  | 415,375      | 0,00000    | 0,00000    | 2686,28571  | 2756,20000       | 146,28571             | 0,00000        | 0,00000   | 73,14286   |
| 791/1/98  | 415,825      | 0,00000    | 0,00000    | 7176,63107  | 9058,88760       | 240,92207             | 0,00000        | 0,00000   | 129,93550  |
| 792/1/98  | 416,125      | 0,00000    | 0,00000    | 3258,55552  | 4646,84255       | 38,31977              | 0,00000        | 0,00000   | 38,31977   |
| 792/2/98  | 416,325      | 0,00000    | 0,00000    | 2329,37108  | 2469,87249       | 55,32743              | 0,00000        | 0,00000   | 22,13097   |
| 792/3/98  | 416,525      | 0,00000    | 0,00000    | 4763,65424  | 6972,97669       | 80,55856              | 0,00000        | 0,00000   | 60,41892   |
| 792/4/98  | 416,725      | 0,00000    | 0,00000    | 3374,82771  | 5569,22379       | 111,42546             | 0,00000        | 0,00000   | 111,42546  |
| 792/5/98  | 416,925      | 0,00000    | 0,00000    | 2908,42852  | 3502,59945       | 181,48878             | 0,00000        | 0,00000   | 80,66168   |
| 793/1/98  | 417,245      | 0,00000    | 0,00000    | 2819,33596  | 4406,66061       | 124,00848             | 0,00000        | 0,00000   | 0,00000    |
| 793/2/98  | 417,315      | 0,00000    | 0,00000    | 7640,74282  | 12258,03789      | 614,66892             | 0,00000        | 0,00000   | 307,33446  |
| 793/3/98  | 417,385      | 0,00000    | 0,00000    | 1500,49143  | 2263,21939       | 44,73081              | 0,00000        | 0,00000   | 22,36540   |
| 794/1/98  | 417,545      | 0,00000    | 0,00000    | 3198,27379  | 8891,17229       | 313,25249             | 0,00000        | 0,00000   | 223,75178  |
| 794/2/98  | 417,615      | 0,00000    | 0,00000    | 2706,70906  | 4337,72125       | 151,94489             | 0,00000        | 0,00000   | 97,67886   |
| 794/3/98  | 417,725      | 0,00000    | 0,00000    | 3181,61791  | 4832,11448       | 129,43301             | 0,00000        | 0,00000   | 73,96172   |
| 800/1/99  | 422,825      | 0,00000    | 0,00000    | 1786,80150  | 8429,46561       | 642,73385             | 0,00000        | 71,41487  | 0,00000    |
| 802/2/99  | 426,675      | 0,00000    | 0,00000    | 3,84810     | 592,30380        | 0,00000               | 0,00000        | 0,00000   | 0,00000    |
| 803/12/99 | 429,175      | 0,00000    | 0,00000    | 1220,09380  | 3669,17251       | 73,88167              | 0,00000        | 18,47042  | 0,00000    |
| 804/1/99  | 432,525      | 4,72979    | 0,00000    | 85,25173    | 165,84758        | 0,00000               | 0,00000        | 0,00000   | 0,00000    |

| Sample   | Position (m) |            |            |            |                  |                              |                       |                  |                   |
|----------|--------------|------------|------------|------------|------------------|------------------------------|-----------------------|------------------|-------------------|
|          |              | 3 kammerig | 4 kammerig | H. sp.     | Hedbergella spp. | <i>Heterohelix morremani</i> | <i>H. navaroensis</i> | <i>H. reussi</i> | <i>H. striata</i> |
| 806/1/99 | 433,195      | 0,00000    | 0,00000    | 2944,79791 | 8611,68482       | 726,91779                    | 0,00000               | 109,03767        | 0,00000           |
| 808/3/99 | 434,165      | 0,00000    | 0,00000    | 475,42067  | 1490,34590       | 155,39389                    | 0,00000               | 18,28163         | 0,00000           |
| 810/3/99 | 435,605      | 0,00000    | 0,00000    | 1391,77700 | 3262,35111       | 142,71777                    | 0,00000               | 71,35889         | 0,00000           |
| 811/1/99 | 438,805      | 0,00000    | 0,00000    | 2001,81764 | 6146,04572       | 421,41724                    | 0,00000               | 105,35431        | 0,00000           |
| 813/2/99 | 440,125      | 0,00000    | 0,00000    | 225,58257  | 4037,04817       | 150,31193                    | 0,00000               | 0,00000          | 0,00000           |



































| Sample  | Position (m) | H. sp.     | Heterohelix spp. | Planomalina praeboxtorfi | Planomalina buxtorfi | Planomalina sp. | Planomalina spp. | Praeglobotruncana delrioensis | P. stephani |
|---------|--------------|------------|------------------|--------------------------|----------------------|-----------------|------------------|-------------------------------|-------------|
| PVB 80  | 322,085      | 138,44074  | 276,88148        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 81  | 322,685      | 604,12979  | 2114,45428       | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 83  | 323,485      | 276,19690  | 649,51675        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 84  | 324,085      | 269,60671  | 943,62350        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 85  | 324,685      | 505,67901  | 1011,35802       | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 86  | 325,285      | 0,00000    | 197,73111        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 87  | 325,885      | 330,78942  | 1323,15768       | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 89  | 327,085      | 744,13535  | 2046,37220       | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 90  | 327,685      | 0,00000    | 161,35513        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 92  | 328,885      | 618,33082  | 883,32974        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 94  | 329,785      | 547,59358  | 958,28877        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 96  | 330,985      | 323,79447  | 453,31225        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 98  | 332,185      | 465,08865  | 1144,83361       | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 100 | 333,385      | 335,64600  | 559,41000        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 101 | 333,985      | 138,03640  | 138,03640        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 103 | 335,185      | 483,49400  | 1128,15267       | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 104 | 335,785      | 903,55961  | 1560,69387       | 0,06016                  | 0,00000              | 0,00000         | 0,06016          | 0,00000                       | 0,00000     |
| PVB 105 | 336,385      | 82,30684   | 82,30684         | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 107 | 337,585      | 197,28350  | 276,19690        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 108 | 338,185      | 1221,34338 | 2185,56183       | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 110 | 339,385      | 0,00000    | 352,34409        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 111 | 339,485      | 90,00220   | 360,00879        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 113 | 340,785      | 0,00000    | 675,83789        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 115 | 341,985      | 325,66090  | 1709,71974       | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 116 | 342,085      | 0,00000    | 0,00000          | 0,05032                  | 0,00000              | 0,00000         | 0,05032          | 0,00000                       | 0,00000     |
| PVB 117 | 342,185      | 558,52732  | 2553,26775       | 0,01948                  | 0,00000              | 0,00000         | 0,01948          | 0,00000                       | 0,00000     |

| Sample   | Position (m) | H. sp.    | Heterohelix spp. | Planomalina praeboxtorfi | Planomalina boxtorfi | Planomalina sp. | Planomalina spp. | Praeglobotruncana delrioensis | P. stephani |
|----------|--------------|-----------|------------------|--------------------------|----------------------|-----------------|------------------|-------------------------------|-------------|
| PVB 119  | 342,435      | 376,99034 | 1413,71376       | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 120  | 342,935      | 196,04340 | 588,13019        | 0,05584                  | 0,00000              | 0,00000         | 0,05584          | 0,00000                       | 0,00000     |
| PVB 122  | 343,285      | 0,00000   | 110,80752        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 123  | 343,685      | 387,63407 | 516,84543        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 127  | 345,335      | 0,00000   | 120,44697        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 131  | 347,735      | 78,25755  | 508,67405        | 0,05732                  | 0,00000              | 0,00000         | 0,05732          | 0,00000                       | 0,00000     |
| PVB 132  | 348,335      | 0,00000   | 0,00000          | 0,02851                  | 0,00000              | 0,00000         | 0,02851          | 0,00000                       | 0,00000     |
| PVB 134  | 349,535      | 0,00000   | 151,49797        | 0,01233                  | 0,00000              | 0,00000         | 0,01233          | 0,00000                       | 0,00000     |
| PVB 135  | 350,135      | 99,84156  | 249,60390        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 136  | 350,735      | 0,00000   | 0,00000          | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 139  | 352,535      | 0,00000   | 255,94001        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 142  | 353,835      | 244,53731 | 1589,49254       | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 143  | 354,285      | 304,95196 | 304,95196        | 0,02464                  | 0,00000              | 0,00000         | 0,02464          | 0,00000                       | 0,00000     |
| PVB 144  | 354,885      | 0,00000   | 509,99003        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 147  | 356,685      | 116,31407 | 1046,82664       | 0,02840                  | 0,00000              | 0,00000         | 0,02840          | 0,00000                       | 0,00000     |
| PVB 148  | 357,285      | 0,00000   | 188,14883        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 150  | 358,485      | 221,07678 | 497,42275        | 0,25638                  | 0,12144              | 0,00000         | 0,37782          | 0,00000                       | 0,00000     |
| PVB 151  | 359,085      | 271,12361 | 813,37084        | 0,02482                  | 0,00000              | 0,00000         | 0,02482          | 0,00000                       | 0,00000     |
| PVB 152  | 359,685      | 403,19921 | 604,79882        | 0,09844                  | 0,03691              | 0,00000         | 0,13535          | 0,00000                       | 0,00000     |
| PVB 153  | 360,285      | 156,84473 | 784,22363        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| PVB 154  | 360,885      | 357,88554 | 715,77108        | 0,00000                  | 0,11650              | 0,00000         | 0,11650          | 0,00000                       | 0,00000     |
| PVB 159  | 364,085      | 0,00000   | 0,00000          | 0,00000                  | 0,21473              | 0,00000         | 0,21473          | 0,00000                       | 0,00000     |
| 704/1/98 | 367,865      | 0,00000   | 513,71663        | 0,00000                  | 0,11869              | 0,00000         | 0,11869          | 0,00000                       | 0,00000     |
| 705/1/98 | 368,465      | 416,10159 | 1616,76976       | 0,00000                  | 0,19683              | 0,00000         | 0,19683          | 0,01905                       | 0,00000     |
| 707/1/98 | 369,885      | 192,75294 | 948,14382        | 0,00000                  | 2,41471              | 0,00000         | 2,41471          | 0,01471                       | 0,00000     |
| 711/1/98 | 371,805      | 0,00000   | 371,80500        | 0,00000                  | 0,31300              | 0,00531         | 0,31830          | 0,06366                       | 0,00000     |

| Sample   | Position (m) | H. sp.    | Heterohelix spp. | Planomalina praeboxtorfi | Planomalina boxtorfi | Planomalina sp. | Planomalina spp. | Praeglobotruncana delrioensis | P. stephani |
|----------|--------------|-----------|------------------|--------------------------|----------------------|-----------------|------------------|-------------------------------|-------------|
| 714/1/98 | 373,125      | 92,30423  | 973,10246        | 0,00000                  | 1,08169              | 0,00000         | 1,08169          | 0,00000                       | 0,00000     |
| 717/1/98 | 374,795      | 0,00000   | 1245,19500       | 0,00000                  | 1,40000              | 0,00000         | 1,40000          | 0,05000                       | 0,00000     |
| 718/1/98 | 375,415      | 255,34509 | 795,83817        | 0,00000                  | 0,07809              | 0,01008         | 0,08816          | 0,00000                       | 0,00000     |
| 721/1/98 | 378,625      | 0,00000   | 378,62500        | 0,00000                  | 0,19310              | 0,00000         | 0,19310          | 0,29425                       | 0,15632     |
| 722/1/98 | 378,995      | 132,12903 | 1039,64016       | 0,00000                  | 0,04435              | 0,00000         | 0,04435          | 0,10081                       | 0,00000     |
| 727/1/98 | 381,055      | 81,92000  | 544,89500        | 0,00000                  | 5,09333              | 0,00000         | 5,09333          | 0,16000                       | 0,00000     |
| 728/1/98 | 381,535      | 0,00000   | 381,53500        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,20063                       | 0,00000     |
| 730/1/98 | 382,615      | 0,00000   | 382,61500        | 0,00000                  | 0,26608              | 0,00000         | 0,26608          | 0,01462                       | 0,00000     |
| 732/2/98 | 383,145      | 82,74747  | 652,07429        | 0,00000                  | 1,49495              | 1,29293         | 2,78788          | 0,33333                       | 0,00000     |
| 734/1/98 | 383,965      | 0,00000   | 383,96500        | 0,00000                  | 1,12077              | 0,01932         | 1,14010          | 0,11594                       | 0,00000     |
| 736/2/98 | 384,975      | 84,45361  | 596,10902        | 0,00000                  | 0,53608              | 0,00000         | 0,53608          | 1,23711                       | 0,00000     |
| 739/3/98 | 386,645      | 67,14754  | 610,47014        | 0,00000                  | 0,05464              | 0,00000         | 0,05464          | 0,01639                       | 0,00000     |
| 740/2/98 | 387,085      | 0,00000   | 1155,28205       | 0,00000                  | 5,02564              | 0,00000         | 5,02564          | 0,15385                       | 0,00000     |
| 742/2/98 | 387,795      | 379,91884 | 1147,63268       | 0,00000                  | 4,52174              | 0,00000         | 4,52174          | 0,07246                       | 0,01449     |
| 744/2/98 | 388,855      | 534,26087 | 1101,20283       | 0,00000                  | 3,11957              | 0,00000         | 3,11957          | 0,07065                       | 0,00000     |
| 745/4/98 | 389,465      | 0,00000   | 389,46500        | 0,00000                  | 0,13563              | 0,00000         | 0,13563          | 0,00000                       | 0,00000     |
| 746/2/98 | 390,255      | 0,00000   | 390,25500        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,01838                       | 0,00735     |
| 747/4/98 | 390,805      | 661,97980 | 1549,26965       | 0,00000                  | 0,01515              | 0,00000         | 0,01515          | 0,00000                       | 0,00000     |
| 748/2/98 | 391,365      | 655,36000 | 2357,44500       | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| 750/2/98 | 393,075      | 0,00000   | 200,62041        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| 755/3/98 | 395,955      | 0,00000   | 395,95500        | 0,00000                  | 0,00615              | 0,00000         | 0,00615          | 0,19077                       | 0,00000     |
| 756/3/98 | 396,355      | 0,00000   | 396,35500        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,06383                       | 0,00000     |
| 759/2/99 | 397,745      | 0,00000   | 397,74500        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,10549                       | 0,00000     |
| 761/5/98 | 399,355      | 0,00000   | 0,00000          | 0,00000                  | 0,00444              | 0,00000         | 0,00444          | 0,03556                       | 0,00000     |
| 767/3/98 | 403,965      | 0,00000   | 347,29177        | 0,00000                  | 0,74314              | 0,00000         | 0,74314          | 0,02743                       | 0,00000     |
| 775/2/98 | 407,825      | 0,00000   | 824,82380        | 0,00000                  | 4,39359              | 0,00000         | 4,39359          | 0,00000                       | 0,00000     |

| Sample    | Position (m) | H. sp.    | Heterohelix spp. | Planomalina praeboxtorfi | Planomalina buxtorfi | Planomalina sp. | Planomalina spp. | Praeglobotruncana delrioensis | P. stephani |
|-----------|--------------|-----------|------------------|--------------------------|----------------------|-----------------|------------------|-------------------------------|-------------|
| 776/10/98 | 409,065      | 95,25581  | 1028,22779       | 0,00000                  | 0,14535              | 0,00000         | 0,14535          | 1,59302                       | 0,00000     |
| 777/3/98  | 409,725      | 169,78238 | 919,07215        | 0,00000                  | 0,99482              | 0,00000         | 0,99482          | 4,39378                       | 3,97927     |
| 781/1/98  | 411,445      | 0,00000   | 262,22791        | 0,00000                  | 0,38412              | 0,00000         | 0,38412          | 0,08148                       | 0,00000     |
| 781/2/98  | 411,525      | 0,00000   | 87,38133         | 0,00000                  | 1,65067              | 0,01333         | 1,66400          | 0,00000                       | 0,00000     |
| 781/3/98  | 411,705      | 0,00000   | 1183,50367       | 0,00000                  | 1,25045              | 0,00000         | 1,25045          | 0,00000                       | 0,00000     |
| 781/4/98  | 411,835      | 0,00000   | 1000,26815       | 0,00000                  | 3,65830              | 0,00000         | 3,65830          | 1,28328                       | 0,00000     |
| 782/1/98  | 412,015      | 0,00000   | 259,54851        | 0,00000                  | 5,21782              | 0,00000         | 5,21782          | 0,00000                       | 0,00000     |
| 782/2/98  | 412,115      | 0,00000   | 495,55653        | 0,00000                  | 4,80642              | 0,00000         | 4,80642          | 0,05499                       | 0,00000     |
| 782/4/98  | 412,315      | 0,00000   | 701,00053        | 0,00000                  | 5,05529              | 0,00000         | 5,05529          | 0,00000                       | 0,00000     |
| 782/6/98  | 412,515      | 0,00000   | 506,64129        | 0,00000                  | 4,26261              | 0,00000         | 4,26261          | 0,15224                       | 0,00000     |
| 782/7/98  | 412,615      | 0,00000   | 319,15225        | 0,00000                  | 0,48309              | 0,06233         | 0,54543          | 0,99735                       | 0,00000     |
| 783/1/98  | 412,795      | 0,00000   | 132,93306        | 0,00000                  | 5,32657              | 0,00000         | 5,32657          | 0,00000                       | 0,00000     |
| 784/1/98  | 412,995      | 0,00000   | 385,84036        | 0,00000                  | 3,37134              | 0,00000         | 3,37134          | 1,26921                       | 0,67427     |
| 784/2/98  | 413,115      | 0,00000   | 923,38907        | 0,00000                  | 0,20665              | 0,00000         | 0,20665          | 1,67199                       | 0,00000     |
| 784/3/98  | 413,235      | 0,00000   | 52,68167         | 0,00000                  | 2,06431              | 0,00000         | 2,06431          | 0,06752                       | 0,00000     |
| 784/5/98  | 413,475      | 0,00000   | 122,35388        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,63726                       | 0,00000     |
| 784/6/98  | 413,595      | 0,00000   | 1216,84319       | 0,00000                  | 2,11832              | 0,00000         | 2,11832          | 1,34332                       | 0,00000     |
| 785/1/98  | 413,795      | 0,00000   | 112,60172        | 0,00000                  | 3,81570              | 0,00000         | 3,81570          | 0,05498                       | 0,00000     |
| 786/1/98  | 413,895      | 0,00000   | 68,20371         | 0,00000                  | 1,70099              | 0,00000         | 1,70099          | 0,20494                       | 0,71729     |
| 786/2/98  | 413,945      | 0,00000   | 82,95416         | 0,00000                  | 3,13238              | 0,00000         | 3,13238          | 3,48343                       | 0,00000     |
| 786/3/98  | 413,995      | 0,00000   | 97,47076         | 0,00000                  | 2,61082              | 0,00000         | 2,61082          | 4,35137                       | 0,00000     |
| 787/1/98  | 414,095      | 0,00000   | 387,30826        | 0,00000                  | 4,87497              | 0,08405         | 4,95903          | 0,50431                       | 0,00000     |
| 787/2/98  | 414,145      | 0,00000   | 323,28335        | 0,00000                  | 2,61585              | 0,00000         | 2,61585          | 15,69512                      | 0,00000     |
| 787/3/98  | 414,195      | 0,00000   | 1177,81734       | 0,00000                  | 0,43818              | 0,00000         | 0,43818          | 1,58839                       | 0,10954     |
| 788/1/98  | 414,385      | 0,00000   | 102,08100        | 0,00000                  | 0,24922              | 0,00000         | 0,24922          | 0,07477                       | 0,00000     |
| 788/2/98  | 414,525      | 0,00000   | 97,70410         | 0,00000                  | 0,19083              | 0,00000         | 0,19083          | 0,28624                       | 0,00000     |

| Sample    | Position (m) | H. sp.   | Heterohelix spp. | Planomalina praeboxtorfi | Planomalina buxtorfi | Planomalina sp. | Planomalina spp. | Praeglobotruncana delrioensis | P. stephani |
|-----------|--------------|----------|------------------|--------------------------|----------------------|-----------------|------------------|-------------------------------|-------------|
| 789/1/98  | 414,725      | 0,00000  | 273,84909        | 0,00000                  | 1,31805              | 0,00000         | 1,31805          | 0,03820                       | 0,01910     |
| 789/2/98  | 414,775      | 0,00000  | 738,44569        | 0,00000                  | 5,09948              | 0,00000         | 5,09948          | 6,75423                       | 0,03219     |
| 789/3/98  | 414,825      | 0,00000  | 597,20891        | 0,00000                  | 3,10352              | 0,00000         | 3,10352          | 0,07290                       | 0,00000     |
| 789/4/98  | 414,875      | 0,00000  | 516,26480        | 0,00000                  | 17,49233             | 0,00000         | 17,49233         | 0,28496                       | 2,10434     |
| 789/5/98  | 414,925      | 0,00000  | 265,08876        | 0,00000                  | 1,72892              | 0,00000         | 1,72892          | 0,00000                       | 0,00000     |
| 789/6/98  | 414,975      | 0,00000  | 211,74524        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,10339                       | 0,04136     |
| 789/7/98  | 415,025      | 0,00000  | 525,27786        | 0,00000                  | 0,11399              | 0,00000         | 0,11399          | 7,52351                       | 0,00000     |
| 789/8/98  | 415,075      | 0,00000  | 287,04915        | 0,00000                  | 0,05606              | 0,00000         | 0,05606          | 0,00000                       | 0,00000     |
| 790/1/98  | 415,225      | 0,00000  | 127,40846        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| 790/2/98  | 415,375      | 0,00000  | 219,42857        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 7,88571                       | 0,00000     |
| 791/1/98  | 415,825      | 0,00000  | 370,85757        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 8,29016                       | 0,00000     |
| 792/1/98  | 416,125      | 0,00000  | 76,63954         | 0,00000                  | 0,08420              | 0,00000         | 0,08420          | 0,05613                       | 0,00000     |
| 792/2/98  | 416,325      | 0,00000  | 77,45840         | 0,00000                  | 0,75643              | 0,01081         | 0,76724          | 0,11887                       | 0,00000     |
| 792/3/98  | 416,525      | 0,00000  | 140,97748        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 4,11053                       | 0,00000     |
| 792/4/98  | 416,725      | 0,00000  | 222,85092        | 0,00000                  | 0,01814              | 0,00000         | 0,01814          | 4,04425                       | 0,00000     |
| 792/5/98  | 416,925      | 0,00000  | 262,15045        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,23631                       | 0,00000     |
| 793/1/98  | 417,245      | 0,00000  | 124,00848        | 0,00000                  | 0,08073              | 0,00000         | 0,08073          | 0,00000                       | 0,00000     |
| 793/2/98  | 417,315      | 0,00000  | 922,00338        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 1,05046                       | 0,60026     |
| 793/3/98  | 417,385      | 0,00000  | 67,09621         | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,52419                       | 0,00000     |
| 794/1/98  | 417,545      | 0,00000  | 537,00426        | 0,00000                  | 0,02185              | 0,00000         | 0,02185          | 0,17481                       | 0,00000     |
| 794/2/98  | 417,615      | 0,00000  | 249,62374        | 0,00000                  | 0,84791              | 0,00000         | 0,84791          | 0,69952                       | 0,00000     |
| 794/3/98  | 417,725      | 0,00000  | 203,39473        | 0,00000                  | 0,37920              | 0,00000         | 0,37920          | 0,09931                       | 0,00000     |
| 800/1/99  | 422,825      | 0,00000  | 714,14872        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,05231                       | 0,00000     |
| 802/2/99  | 426,675      | 0,00000  | 0,00000          | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,00000                       | 0,00000     |
| 803/12/99 | 429,175      | 18,47042 | 539,99751        | 0,00000                  | 0,00000              | 0,00000         | 0,00000          | 0,82973                       | 0,00000     |
| 804/1/99  | 432,525      | 14,18938 | 14,18938         | 0,00000                  | 0,00462              | 0,00000         | 0,00462          | 0,15242                       | 0,00000     |



| Sample   | Position (m) | <i>H. sp.</i> | <i>Heterohelix</i> spp. | <i>Planomalina praeboxtorfi</i> | <i>Planomalina buxtorfi</i> | <i>Planomalina</i> sp. | <i>Planomalina</i> spp. | <i>Praeglobotruncana delrioensis</i> | <i>P. stephani</i> |
|----------|--------------|---------------|-------------------------|---------------------------------|-----------------------------|------------------------|-------------------------|--------------------------------------|--------------------|
| 806/1/99 | 433,195      | 36,34589      | 1305,49634              | 0,00000                         | 0,00000                     | 0,00000                | 0,00000                 | 0,42593                              | 0,00000            |
| 808/3/99 | 434,165      | 0,00000       | 173,67552               | 0,00000                         | 0,00000                     | 0,00000                | 0,00000                 | 0,00000                              | 0,00000            |
| 810/3/99 | 435,605      | 0,00000       | 649,68166               | 0,00000                         | 0,00000                     | 0,00000                | 0,00000                 | 0,06969                              | 0,00000            |
| 811/1/99 | 438,805      | 70,23621      | 1035,81276              | 0,00000                         | 0,00000                     | 0,00000                | 0,00000                 | 0,20577                              | 0,00000            |
| 813/2/99 | 440,125      | 150,31193     | 740,74885               | 0,00000                         | 0,00000                     | 0,00000                | 0,00000                 | 0,03211                              | 0,00000            |



























| Sample    | Position (m) | P. sp.  | Praeglobotruncana spp. | Rotalipora appenninica | R. gandolfii | R. subticinensis | R. ticinensis | R. sp.  | Rotalipora spp. |
|-----------|--------------|---------|------------------------|------------------------|--------------|------------------|---------------|---------|-----------------|
| FS 120    | 253,855      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,00000 | 0,00000         |
| FS 122    | 255,055      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,00000 | 0,00000         |
| FS 123    | 255,655      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,00000 | 0,00000         |
| FS 126    | 257,455      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,00000 | 0,00000         |
| FS 127    | 258,055      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,00000 | 0,00000         |
| FS 131    | 259,855      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,00000 | 0,00000         |
| FS 132    | 260,455      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,00000 | 0,00000         |
| 500/3/98  | 261,755      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,00000 | 0,00000         |
| 507/3/98  | 264,135      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,00000 | 0,00000         |
| 511/3/98  | 265,305      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,00000 | 0,00000         |
| 517/1/98  | 266,95       | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,00000 | 0,00000         |
| 519/2/98  | 267,725      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,00000 | 0,00000         |
| 524/2/98  | 268,79       | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,05905          | 0,00000       | 0,00000 | 0,05905         |
| 526/1/98  | 269,285      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,26101          | 0,00000       | 0,29364 | 0,55465         |
| 526/5/98  | 269,865      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,14836          | 0,00000       | 0,03297 | 0,18132         |
| 526/11/98 | 270,605      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,13103          | 0,00000       | 0,09827 | 0,22930         |
| 532/2/98  | 272,465      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,22754          | 0,00000       | 0,05461 | 0,28215         |
| 532/5/98  | 273,185      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,14607          | 0,00000       | 0,05951 | 0,20558         |
| 534/2/98  | 275,785      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,28665          | 0,00000       | 0,25480 | 0,54144         |
| PVB 1     | 277,385      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,06014          | 0,00000       | 0,86198 | 0,92212         |
| PVB 2     | 277,985      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,21903          | 0,00000       | 0,08214 | 0,30116         |
| PVB 3     | 278,585      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,07498          | 0,00000       | 0,06427 | 0,13925         |
| PVB 4     | 279,185      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,07049          | 0,00000       | 0,06042 | 0,13090         |
| PVB 5     | 279,36       | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,10526 | 0,10526         |
| PVB 6     | 280,135      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,07878          | 0,00000       | 0,04502 | 0,12380         |
| PVB 9     | 281,535      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,07915          | 0,00000       | 0,04749 | 0,12664         |

| Sample | Position (m) | P. sp.  | Praeglobotruncana spp. | Rotalipora appenninica | R. gandolfii | R. subticinensis | R. ticinensis | R. sp.  | Rotalipora spp. |
|--------|--------------|---------|------------------------|------------------------|--------------|------------------|---------------|---------|-----------------|
| PVB 10 | 276,785      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,05920          | 0,00000       | 0,17760 | 0,23681         |
| PVB 11 | 282,435      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,09574          | 0,00000       | 0,09574 | 0,19149         |
| PVB 12 | 283,035      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,08565          | 0,00000       | 0,00000 | 0,08565         |
| PVB 13 | 283,635      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,04963 | 0,04963         |
| PVB 14 | 284,235      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,02375          | 0,00000       | 0,04749 | 0,07124         |
| PVB 15 | 284,835      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,02731          | 0,00000       | 0,06373 | 0,09104         |
| PVB 16 | 284,96       | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,02854 | 0,02854         |
| PVB 17 | 285,685      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,15300          | 0,00000       | 0,00000 | 0,15300         |
| PVB 18 | 286,285      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,07587          | 0,00000       | 0,07587 | 0,15175         |
| PVB 19 | 286,885      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,09480          | 0,00000       | 0,04375 | 0,13855         |
| PVB 21 | 288,085      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,31305          | 0,00000       | 0,04174 | 0,35479         |
| PVB 22 | 288,685      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,16779          | 0,00000       | 0,02918 | 0,19697         |
| PVB 23 | 289,285      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,12935          | 0,00000       | 0,07609 | 0,20543         |
| PVB 24 | 289,885      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,02882          | 0,00000       | 0,05043 | 0,07925         |
| PVB 25 | 290,485      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,17117          | 0,00000       | 0,03804 | 0,20921         |
| PVB 26 | 291,085      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,09300          | 0,00000       | 0,04292 | 0,13593         |
| PVB 27 | 291,235      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,04218          | 0,00000       | 0,04218 | 0,08435         |
| PVB 28 | 291,985      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,19707          | 0,00000       | 0,06569 | 0,26276         |
| PVB 29 | 292,585      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,25280          | 0,00000       | 0,33058 | 0,58337         |
| PVB 31 | 293,785      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,20051          | 0,00000       | 0,08912 | 0,28963         |
| PVB 32 | 294,385      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,17135          | 0,00000       | 0,12566 | 0,29701         |
| PVB 34 | 295,235      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,35820          | 0,00000       | 0,46304 | 0,82125         |
| PVB 35 | 295,835      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,21520          | 0,00000       | 0,06026 | 0,27546         |
| PVB 36 | 296,435      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,02721          | 0,00000       | 0,14512 | 0,17234         |
| PVB 37 | 297,035      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,04915          | 0,00000       | 0,02458 | 0,07373         |
| PVB 38 | 297,635      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,17331          | 0,07878       | 0,03151 | 0,28360         |

| Sample | Position (m) | P. sp.  | Praeglobotruncana spp. | Rotalipora appenninica | R. gandolfii | R. subticinensis | R. ticinensis | R. sp.  | Rotalipora spp. |
|--------|--------------|---------|------------------------|------------------------|--------------|------------------|---------------|---------|-----------------|
| PVB 41 | 299,36       | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,16681          | 0,00000       | 0,41701 | 0,58382         |
| PVB 42 | 300,085      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,04018 | 0,04018         |
| PVB 43 | 300,685      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,03649          | 0,02432       | 0,01216 | 0,07297         |
| PVB 44 | 300,86       | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,04155 | 0,04155         |
| PVB 45 | 301,635      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,09778          | 0,02173       | 0,02173 | 0,14124         |
| PVB 48 | 303,435      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,02727          | 0,00000       | 0,00000 | 0,02727         |
| PVB 50 | 304,735      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,31628          | 0,05581       | 0,07442 | 0,44651         |
| PVB 51 | 305,335      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,00000       | 0,02370 | 0,02370         |
| PVB 52 | 305,935      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00824          | 0,00000       | 0,02471 | 0,03295         |
| PVB 54 | 307,135      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,10799          | 0,00000       | 0,03085 | 0,13885         |
| PVB 55 | 307,735      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,01003          | 0,01003       | 0,02006 | 0,04011         |
| PVB 57 | 308,935      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,04187          | 0,01675       | 0,02512 | 0,08375         |
| PVB 58 | 309,535      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,05524          | 0,02210       | 0,02210 | 0,09944         |
| PVB 59 | 310,135      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,09449       | 0,09449 | 0,18898         |
| PVB 62 | 311,935      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,02274          | 0,05685       | 0,05685 | 0,13644         |
| PVB 63 | 312,535      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,02755          | 0,16529       | 0,01837 | 0,21120         |
| PVB 64 | 313,135      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,11062          | 0,02553       | 0,14466 | 0,28080         |
| PVB 65 | 313,735      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,08551       | 0,02850 | 0,11401         |
| PVB 67 | 314,935      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,01805          | 0,05414       | 0,00000 | 0,07219         |
| PVB 68 | 315,535      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,01847       | 0,00924 | 0,02771         |
| PVB 70 | 316,435      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,02275          | 0,12136       | 0,27306 | 0,41717         |
| PVB 72 | 317,635      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,10700       | 0,16050 | 0,26749         |
| PVB 73 | 318,235      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,11521       | 0,03142 | 0,14663         |
| PVB 74 | 318,835      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,02582       | 0,05165 | 0,07747         |
| PVB 76 | 319,685      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,01330          | 0,02660       | 0,00000 | 0,03989         |
| PVB 78 | 320,885      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,04571          | 0,09143       | 0,00000 | 0,13714         |



| Sample  | Position (m) | P. sp.  | Praeglobotruncana spp. | Rotalipora appenninica | R. gandolfii | R. subticinensis | R. ticinensis | R. sp.  | Rotalipora spp. |
|---------|--------------|---------|------------------------|------------------------|--------------|------------------|---------------|---------|-----------------|
| PVB 80  | 322,085      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,14646       | 0,10140 | 0,24786         |
| PVB 81  | 322,685      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,07375          | 0,10140       | 0,03687 | 0,21202         |
| PVB 83  | 323,485      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,04495          | 0,13486       | 0,00000 | 0,17982         |
| PVB 84  | 324,085      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,04937          | 0,03291       | 0,00000 | 0,08228         |
| PVB 85  | 324,685      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,10288       | 0,00000 | 0,10288         |
| PVB 86  | 325,285      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,22930       | 0,27758 | 0,50688         |
| PVB 87  | 325,885      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,15142       | 0,01009 | 0,16152         |
| PVB 89  | 327,085      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,00000          | 0,13626       | 0,03406 | 0,17032         |
| PVB 90  | 327,685      | 0,00000 | 0,00000                | 0,07879                | 0,00000      | 0,00000          | 0,05909       | 0,03939 | 0,17727         |
| PVB 92  | 328,885      | 0,00000 | 0,00000                | 0,03235                | 0,00000      | 0,00000          | 0,10783       | 0,05391 | 0,19409         |
| PVB 94  | 329,785      | 0,00000 | 0,00000                | 0,02507                | 0,00000      | 0,00000          | 0,17547       | 0,04178 | 0,24231         |
| PVB 96  | 330,985      | 0,00000 | 0,00000                | 0,05534                | 0,00000      | 0,00000          | 0,12648       | 0,07905 | 0,26087         |
| PVB 98  | 332,185      | 0,00000 | 0,00000                | 0,04367                | 0,00000      | 0,00000          | 0,16595       | 0,01747 | 0,22709         |
| PVB 100 | 333,385      | 0,00000 | 0,00000                | 0,04097                | 0,00000      | 0,00000          | 0,15023       | 0,12292 | 0,31412         |
| PVB 101 | 333,985      | 0,00000 | 0,00000                | 0,08987                | 0,00000      | 0,00000          | 0,26960       | 0,20220 | 0,56167         |
| PVB 103 | 335,185      | 0,00000 | 0,00000                | 0,15739                | 0,00000      | 0,00000          | 0,19673       | 0,49184 | 0,84596         |
| PVB 104 | 335,785      | 0,00000 | 0,00000                | 0,08022                | 0,00000      | 0,00000          | 0,46125       | 0,06016 | 0,60162         |
| PVB 105 | 336,385      | 0,00000 | 0,00000                | 0,05024                | 0,00000      | 0,00000          | 0,39184       | 0,41194 | 0,85401         |
| PVB 107 | 337,585      | 0,00000 | 0,00000                | 0,44312                | 0,00000      | 0,00000          | 0,15413       | 0,89587 | 1,49311         |
| PVB 108 | 338,185      | 0,00000 | 0,00000                | 0,00000                | 0,00000      | 0,03139          | 0,54928       | 0,00000 | 0,58067         |
| PVB 110 | 339,385      | 0,00000 | 0,00000                | 0,12903                | 0,00000      | 0,00000          | 0,10036       | 0,61649 | 0,84588         |
| PVB 111 | 339,485      | 0,00000 | 0,00000                | 0,04395                | 0,00000      | 0,00000          | 0,15381       | 0,13184 | 0,32960         |
| PVB 113 | 340,785      | 0,00000 | 0,00000                | 0,05156                | 0,00000      | 0,00000          | 0,09281       | 0,02062 | 0,16500         |
| PVB 115 | 341,985      | 0,00000 | 0,00000                | 0,05963                | 0,00000      | 0,00000          | 0,10932       | 0,37766 | 0,54661         |
| PVB 116 | 342,085      | 0,00000 | 0,00000                | 0,08386                | 0,00000      | 0,00000          | 0,21805       | 0,70446 | 1,00637         |
| PVB 117 | 342,185      | 0,00000 | 0,00000                | 0,60388                | 0,00000      | 0,00000          | 0,11688       | 0,54544 | 1,26619         |

| Sample   | Position (m) | <i>P. sp.</i> | <i>Praeglobotruncana spp.</i> | <i>Rotalipora appenninica</i> | <i>R. gandolfii</i> | <i>R. subticinensis</i> | <i>R. ticinensis</i> | <i>R. sp.</i> | <i>Rotalipora spp.</i> |
|----------|--------------|---------------|-------------------------------|-------------------------------|---------------------|-------------------------|----------------------|---------------|------------------------|
| PVB 119  | 342,435      | 0,00000       | 0,00000                       | 0,32214                       | 0,00000             | 0,00000                 | 0,11505              | 0,80534       | 1,24252                |
| PVB 120  | 342,935      | 0,00000       | 0,00000                       | 0,24729                       | 0,00000             | 0,00000                 | 0,08775              | 0,34301       | 0,67805                |
| PVB 122  | 343,285      | 0,00000       | 0,00000                       | 0,02705                       | 0,00000             | 0,00000                 | 0,78453              | 0,16232       | 0,97389                |
| PVB 123  | 343,685      | 0,00000       | 0,00000                       | 0,37855                       | 0,00000             | 0,00000                 | 0,06309              | 0,31546       | 0,75710                |
| PVB 127  | 345,335      | 0,00000       | 0,00000                       | 0,21564                       | 0,00000             | 0,00000                 | 0,15683              | 0,64693       | 1,01941                |
| PVB 131  | 347,735      | 0,00000       | 0,00000                       | 0,03821                       | 0,00000             | 0,00000                 | 0,87887              | 0,91708       | 1,83416                |
| PVB 132  | 348,335      | 0,00000       | 0,00000                       | 0,02851                       | 0,00000             | 0,00000                 | 0,39920              | 0,31366       | 0,74137                |
| PVB 134  | 349,535      | 0,00000       | 0,00000                       | 0,08630                       | 0,00000             | 0,00000                 | 0,34521              | 0,91234       | 1,34385                |
| PVB 135  | 350,135      | 0,00000       | 0,00000                       | 0,04875                       | 0,00000             | 0,03656                 | 0,52407              | 1,31627       | 1,92566                |
| PVB 136  | 350,735      | 0,00000       | 0,00000                       | 0,20555                       | 0,00000             | 0,00000                 | 1,89106              | 0,94553       | 3,04214                |
| PVB 139  | 352,535      | 0,00000       | 0,00000                       | 0,10935                       | 0,00000             | 0,00000                 | 0,10935              | 0,51550       | 0,73420                |
| PVB 142  | 353,835      | 0,00000       | 0,00000                       | 0,64179                       | 0,00000             | 0,00000                 | 0,22388              | 0,73134       | 1,59701                |
| PVB 143  | 354,285      | 0,00000       | 0,00000                       | 0,13550                       | 0,00000             | 0,00000                 | 0,46810              | 0,03695       | 0,64055                |
| PVB 144  | 354,885      | 0,00000       | 0,00000                       | 0,64773                       | 0,00000             | 0,00000                 | 0,32387              | 1,02143       | 1,99302                |
| PVB 147  | 356,685      | 0,00000       | 0,00000                       | 0,11359                       | 0,00000             | 0,00000                 | 1,22107              | 0,05679       | 1,39145                |
| PVB 148  | 357,285      | 0,00000       | 0,00000                       | 0,12862                       | 0,00000             | 0,00000                 | 0,22049              | 0,80845       | 1,15756                |
| PVB 150  | 358,485      | 0,00000       | 0,00000                       | 0,09445                       | 0,00000             | 0,00000                 | 0,17541              | 0,63419       | 0,90406                |
| PVB 151  | 359,085      | 0,00000       | 0,00000                       | 0,10756                       | 0,00000             | 0,00000                 | 0,36406              | 0,09101       | 0,56263                |
| PVB 152  | 359,685      | 0,00000       | 0,00000                       | 0,08613                       | 0,00000             | 0,00000                 | 0,98437              | 0,09844       | 1,16894                |
| PVB 153  | 360,285      | 0,00000       | 0,00000                       | 0,13402                       | 0,00000             | 0,00000                 | 0,34463              | 0,07658       | 0,55524                |
| PVB 154  | 360,885      | 0,00000       | 0,00000                       | 0,11650                       | 0,00000             | 0,00000                 | 0,39318              | 0,04369       | 0,55337                |
| PVB 159  | 364,085      | 0,00000       | 0,00000                       | 0,17178                       | 0,00000             | 0,00000                 | 0,19326              | 0,36504       | 0,73008                |
| 704/1/98 | 367,865      | 0,03858       | 367,90358                     | 0,05045                       | 0,00000             | 0,00000                 | 0,00890              | 0,03858       | 0,09792                |
| 705/1/98 | 368,465      | 0,02540       | 368,50944                     | 1,72381                       | 0,00000             | 0,00000                 | 0,00952              | 3,26984       | 5,00317                |
| 707/1/98 | 369,885      | 0,03529       | 369,93500                     | 1,60588                       | 0,00000             | 0,00000                 | 0,01471              | 0,84412       | 2,46471                |
| 711/1/98 | 371,805      | 0,12732       | 371,99598                     | 0,17507                       | 0,00000             | 0,00000                 | 0,04775              | 0,06897       | 0,29178                |

| Sample   | Position (m) | <i>P. sp.</i> | <i>Praeglobotruncana spp.</i> | <i>Rotalipora appenninica</i> | <i>R. gandolfii</i> | <i>R. subticinensis</i> | <i>R. ticinensis</i> | <i>R. sp.</i> | <i>Rotalipora spp.</i> |
|----------|--------------|---------------|-------------------------------|-------------------------------|---------------------|-------------------------|----------------------|---------------|------------------------|
| 714/1/98 | 373,125      | 0,09014       | 373,21514                     | 3,06479                       | 0,00000             | 0,00000                 | 0,00000              | 0,09014       | 3,15493                |
| 717/1/98 | 374,795      | 0,27500       | 375,12000                     | 1,40000                       | 0,00000             | 0,00000                 | 0,22500              | 0,00000       | 1,62500                |
| 718/1/98 | 375,415      | 0,00000       | 375,41500                     | 0,15869                       | 0,00000             | 0,00000                 | 0,02267              | 0,00252       | 0,18388                |
| 721/1/98 | 378,625      | 0,48736       | 379,56293                     | 0,33103                       | 0,00000             | 0,00000                 | 0,04598              | 0,42299       | 0,80000                |
| 722/1/98 | 378,995      | 0,16935       | 379,26516                     | 1,17742                       | 0,00000             | 0,00000                 | 0,02016              | 2,39113       | 3,58871                |
| 727/1/98 | 381,055      | 0,18667       | 381,40167                     | 4,40000                       | 0,00000             | 0,00000                 | 0,08000              | 2,88000       | 7,36000                |
| 728/1/98 | 381,535      | 0,20063       | 381,93625                     | 5,61755                       | 0,00000             | 0,00000                 | 0,20063              | 0,30094       | 6,11912                |
| 730/1/98 | 382,615      | 0,03216       | 382,66178                     | 0,07310                       | 0,00000             | 0,00000                 | 0,00877              | 0,04386       | 0,12573                |
| 732/2/98 | 383,145      | 0,25253       | 383,73086                     | 1,01010                       | 0,00000             | 0,00000                 | 0,00000              | 1,74747       | 2,75758                |
| 734/1/98 | 383,965      | 0,28986       | 384,37080                     | 0,94686                       | 0,00000             | 0,00000                 | 0,09662              | 0,19324       | 1,23671                |
| 736/2/98 | 384,975      | 0,94845       | 387,16057                     | 3,09278                       | 0,00000             | 0,00000                 | 0,00000              | 1,11340       | 4,20619                |
| 739/3/98 | 386,645      | 0,06011       | 386,72150                     | 0,18033                       | 0,01093             | 0,00000                 | 0,03279              | 3,10383       | 3,32787                |
| 740/2/98 | 387,085      | 0,00000       | 0,15385                       | 3,17949                       | 0,00000             | 0,00000                 | 0,00000              | 0,00000       | 3,17949                |
| 742/2/98 | 387,795      | 0,00000       | 387,88196                     | 6,18261                       | 0,00000             | 0,00000                 | 0,00000              | 0,00870       | 6,19130                |
| 744/2/98 | 388,855      | 0,14674       | 389,07239                     | 0,26087                       | 0,00000             | 0,00000                 | 0,04348              | 1,49457       | 1,79891                |
| 745/4/98 | 389,465      | 0,09425       | 389,55925                     | 2,48506                       | 0,00000             | 0,00000                 | 0,02759              | 0,11034       | 2,62299                |
| 746/2/98 | 390,255      | 0,02022       | 390,30096                     | 0,16728                       | 0,00000             | 0,00000                 | 0,01654              | 0,11029       | 0,29412                |
| 747/4/98 | 390,805      | 0,01515       | 390,82015                     | 0,04293                       | 0,00000             | 0,00000                 | 0,00505              | 1,30808       | 1,35606                |
| 748/2/98 | 391,365      | 0,00400       | 391,36900                     | 0,02400                       | 0,00000             | 0,00000                 | 0,00600              | 0,00600       | 0,03600                |
| 750/2/98 | 393,075      | 0,00000       | 0,00000                       | 0,00000                       | 0,00000             | 0,00000                 | 0,00000              | 0,00000       | 0,00000                |
| 755/3/98 | 395,955      | 0,31385       | 396,45962                     | 0,52308                       | 0,00000             | 0,00000                 | 0,00615              | 1,06462       | 1,59385                |
| 756/3/98 | 396,355      | 0,07181       | 396,49064                     | 0,35106                       | 0,00000             | 0,00000                 | 0,02128              | 0,55319       | 0,92553                |
| 759/2/99 | 397,745      | 0,14066       | 397,99115                     | 1,67033                       | 0,00000             | 0,00000                 | 0,05275              | 0,22857       | 1,95165                |
| 761/5/98 | 399,355      | 0,06889       | 0,10444                       | 0,34667                       | 0,00000             | 0,00000                 | 0,03111              | 0,02889       | 0,40667                |
| 767/3/98 | 403,965      | 0,08479       | 0,11222                       | 0,71571                       | 0,00000             | 0,00000                 | 0,00249              | 0,13965       | 0,85786                |
| 775/2/98 | 407,825      | 0,00000       | 0,00000                       | 35,67963                      | 0,00000             | 0,00000                 | 0,29291              | 4,39359       | 40,36613               |

| Sample    | Position (m) | P. sp.   | Praeglobotruncana spp. | Rotalipora appenninica | R. gandolfii | R. subticinensis | R. ticinensis | R. sp.   | Rotalipora spp. |
|-----------|--------------|----------|------------------------|------------------------|--------------|------------------|---------------|----------|-----------------|
| 776/10/98 | 409,065      | 0,00000  | 410,65802              | 3,54942                | 0,00000      | 0,00000          | 0,00000       | 0,55814  | 4,10756         |
| 777/3/98  | 409,725      | 0,00000  | 418,09806              | 12,60104               | 0,00000      | 0,00000          | 0,00000       | 5,30570  | 17,90674        |
| 781/1/98  | 411,445      | 0,26772  | 0,34920                | 0,08148                | 0,00000      | 0,00000          | 0,03492       | 0,24444  | 0,36084         |
| 781/2/98  | 411,525      | 0,00000  | 0,00000                | 8,60000                | 0,00000      | 0,00000          | 0,00533       | 0,12267  | 8,72800         |
| 781/3/98  | 411,705      | 0,15631  | 0,15631                | 0,20440                | 0,00000      | 0,00000          | 0,03607       | 0,15631  | 0,39678         |
| 781/4/98  | 411,835      | 0,07661  | 1,35989                | 0,90979                | 0,00000      | 0,00000          | 0,02873       | 0,05746  | 0,99598         |
| 782/1/98  | 412,015      | 0,00000  | 0,00000                | 3,65149                | 0,00000      | 0,00000          | 0,00000       | 0,00000  | 3,65149         |
| 782/2/98  | 412,115      | 0,13198  | 0,18698                | 4,59745                | 0,00000      | 0,00000          | 0,05499       | 0,34096  | 4,99340         |
| 782/4/98  | 412,315      | 0,42127  | 0,42127                | 14,32333               | 0,00000      | 0,00000          | 0,00000       | 0,42127  | 14,74460        |
| 782/6/98  | 412,515      | 0,83730  | 0,98953                | 6,69838                | 0,00000      | 0,00000          | 0,68506       | 0,00000  | 7,38344         |
| 782/7/98  | 412,615      | 0,99735  | 1,99470                | 2,97647                | 0,00000      | 0,00000          | 0,14025       | 0,01558  | 3,13230         |
| 783/1/98  | 412,795      | 0,00000  | 0,00000                | 36,93509               | 0,00000      | 0,00000          | 0,00000       | 2,85598  | 39,79108        |
| 784/1/98  | 412,995      | 14,15964 | 16,10312               | 21,73525               | 0,00000      | 0,00000          | 0,83292       | 11,34358 | 33,91175        |
| 784/2/98  | 413,115      | 3,79485  | 5,46684                | 7,89029                | 0,00000      | 0,00000          | 0,09393       | 6,93218  | 14,91640        |
| 784/3/98  | 413,235      | 0,01286  | 0,08039                | 8,50804                | 0,00000      | 0,00000          | 0,00000       | 0,51447  | 9,02251         |
| 784/5/98  | 413,475      | 21,02957 | 21,66683               | 33,13751               | 0,00000      | 0,00000          | 0,63726       | 0,95589  | 34,73066        |
| 784/6/98  | 413,595      | 4,54663  | 5,88995                | 5,37329                | 0,00000      | 0,00000          | 0,00000       | 8,26660  | 13,63989        |
| 785/1/98  | 413,795      | 0,12096  | 0,17594                | 4,49747                | 0,00000      | 0,00000          | 0,03299       | 0,16494  | 4,69540         |
| 786/1/98  | 413,895      | 3,44298  | 4,36520                | 6,29163                | 0,00000      | 0,00000          | 0,04099       | 1,90593  | 8,23855         |
| 786/2/98  | 413,945      | 1,10714  | 4,59056                | 11,34139               | 0,00000      | 0,00000          | 0,00000       | 1,86323  | 13,20462        |
| 786/3/98  | 413,995      | 21,32173 | 25,67310               | 83,54637               | 0,00000      | 0,00000          | 0,65271       | 21,97444 | 106,17351       |
| 787/1/98  | 414,095      | 12,01933 | 12,52364               | 36,39420               | 0,00000      | 0,00000          | 0,42026       | 6,21979  | 43,03425        |
| 787/2/98  | 414,145      | 7,84756  | 23,54268               | 38,51618               | 0,00000      | 0,00000          | 0,00000       | 11,09482 | 49,61100        |
| 787/3/98  | 414,195      | 16,59592 | 18,29385               | 46,33712               | 0,05477      | 0,00000          | 0,10954       | 21,74449 | 68,24593        |
| 788/1/98  | 414,385      | 2,66667  | 2,74143                | 0,82243                | 0,04984      | 0,00000          | 0,14953       | 8,57321  | 9,59502         |
| 788/2/98  | 414,525      | 0,00000  | 0,28624                | 1,33580                | 0,00000      | 0,00000          | 0,00000       | 0,00000  | 1,33580         |

| Sample    | Position (m) | P.sp.    | Praeglobotruncana spp. | Rotalipora appenninica | R.gandolfii | R.subticinensis | R.ticinensis | R.sp.    | Rotalipora spp. |
|-----------|--------------|----------|------------------------|------------------------|-------------|-----------------|--------------|----------|-----------------|
| 789/1/98  | 414,725      | 0,16237  | 0,21968                | 2,55014                | 0,00000     | 0,00000         | 0,00955      | 0,12416  | 2,68386         |
| 789/2/98  | 414,775      | 4,94495  | 11,73138               | 7,14056                | 0,00000     | 0,00000         | 0,00000      | 4,96427  | 12,10482        |
| 789/3/98  | 414,825      | 3,11393  | 3,18684                | 13,69506               | 0,00000     | 0,00000         | 0,35409      | 2,43699  | 16,48615        |
| 789/4/98  | 414,875      | 2,69619  | 5,08549                | 7,36519                | 0,00000     | 0,00000         | 0,17536      | 0,41648  | 7,95704         |
| 789/5/98  | 414,925      | 0,37907  | 0,37907                | 5,26072                | 0,00000     | 0,00000         | 0,11095      | 0,44379  | 5,81546         |
| 789/6/98  | 414,975      | 2,76055  | 2,90529                | 7,40281                | 0,00000     | 0,00000         | 0,09305      | 0,62035  | 8,11621         |
| 789/7/98  | 415,025      | 10,94329 | 18,46680               | 2,39384                | 0,00000     | 0,00000         | 0,00000      | 0,00000  | 2,39384         |
| 789/8/98  | 415,075      | 0,05606  | 0,05606                | 0,15885                | 0,00000     | 0,00000         | 0,01869      | 0,05606  | 0,23360         |
| 790/1/98  | 415,225      | 2,31070  | 2,31070                | 0,21330                | 0,00000     | 0,00000         | 0,05332      | 0,05332  | 0,31994         |
| 790/2/98  | 415,375      | 1,82857  | 9,71429                | 13,65714               | 0,00000     | 0,00000         | 0,00000      | 0,28571  | 13,94286        |
| 791/1/98  | 415,825      | 0,32780  | 8,61795                | 0,90938                | 0,00000     | 0,00000         | 0,06345      | 0,79306  | 1,76589         |
| 792/1/98  | 416,125      | 5,01450  | 5,07063                | 20,81579               | 0,00000     | 0,00000         | 0,05613      | 3,77959  | 24,65151        |
| 792/2/98  | 416,325      | 0,87530  | 0,99416                | 1,64253                | 0,00000     | 0,00000         | 0,07564      | 0,12967  | 1,84785         |
| 792/3/98  | 416,525      | 3,35333  | 7,46386                | 10,14849               | 0,00000     | 0,00000         | 0,18684      | 0,88504  | 11,22038        |
| 792/4/98  | 416,725      | 0,92492  | 4,96917                | 6,18426                | 0,00000     | 0,00000         | 0,01814      | 0,81610  | 7,01850         |
| 792/5/98  | 416,925      | 2,78653  | 3,02284                | 3,82040                | 0,00000     | 0,00000         | 0,07877      | 2,04805  | 5,94722         |
| 793/1/98  | 417,245      | 9,24412  | 9,24412                | 4,35967                | 0,00000     | 0,00000         | 0,00000      | 1,73580  | 6,09547         |
| 793/2/98  | 417,315      | 16,43219 | 18,08291               | 28,06228               | 0,00000     | 0,00000         | 0,30013      | 2,10092  | 30,46333        |
| 793/3/98  | 417,385      | 14,67730 | 15,20149               | 19,48236               | 0,00000     | 0,00000         | 0,26209      | 9,52277  | 29,26723        |
| 794/1/98  | 417,545      | 3,13558  | 3,31039                | 4,50126                | 0,00000     | 0,00000         | 0,15296      | 0,14203  | 4,79624         |
| 794/2/98  | 417,615      | 3,26444  | 3,96396                | 5,70217                | 0,00000     | 0,00000         | 0,12719      | 0,84791  | 6,67727         |
| 794/3/98  | 417,725      | 1,46262  | 1,56194                | 8,36945                | 0,00000     | 0,00000         | 0,00903      | 3,97255  | 12,35103        |
| 800/1/99  | 422,825      | 0,12205  | 0,17435                | 0,24409                | 0,00000     | 0,00000         | 0,00000      | 36,05614 | 36,30024        |
| 802/2/99  | 426,675      | 0,00000  | 0,00000                | 0,37131                | 0,00000     | 0,00000         | 0,03376      | 0,47257  | 0,87764         |
| 803/12/99 | 429,175      | 0,79365  | 430,79838              | 1,83983                | 0,00000     | 0,00000         | 0,14430      | 0,68543  | 2,66955         |
| 804/1/99  | 432,525      | 0,03233  | 0,18476                | 0,19400                | 0,00000     | 0,00000         | 0,00462      | 0,05543  | 0,25404         |

| Sample   | Position (m) | P. sp.  | Praeglobotruncana spp. | Rotalipora appenninica | R. gandolfii | R. subticinensis | R. ticinensis | R. sp.   | Rotalipora spp. |
|----------|--------------|---------|------------------------|------------------------|--------------|------------------|---------------|----------|-----------------|
| 806/1/99 | 433,195      | 0,28395 | 433,90488              | 1,06482                | 0,00000      | 0,00000          | 0,03549       | 36,73632 | 37,83664        |
| 808/3/99 | 434,165      | 0,03571 | 0,03571                | 0,15175                | 0,00000      | 0,00000          | 0,07141       | 0,16068  | 0,38384         |
| 810/3/99 | 435,605      | 0,14808 | 435,82277              | 0,35714                | 0,00000      | 0,00000          | 0,01742       | 0,19164  | 0,56620         |
| 811/1/99 | 438,805      | 0,06859 | 439,07936              | 0,77164                | 0,00000      | 0,00000          | 0,01715       | 35,70112 | 36,48990        |
| 813/2/99 | 440,125      | 0,13761 | 440,29472              | 0,07339                | 0,00000      | 0,00000          | 0,00917       | 0,15596  | 0,23853         |

















| Sample | Position (m) | <i>Ticinella bejaouaensis</i> | <i>T. madecassiana</i> | <i>T. praeticinensis</i> | <i>T. primula</i> | <i>T. raynaudi</i> | <i>T. roberti</i> | <i>T. sp.</i> | <i>Ticinella spp.</i> |
|--------|--------------|-------------------------------|------------------------|--------------------------|-------------------|--------------------|-------------------|---------------|-----------------------|
| LE 85  | 99,115       | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 93  | 100,715      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 97  | 101,515      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 100 | 102,115      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 105 | 103,115      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 106 | 103,315      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 107 | 103,415      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 108 | 103,565      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 109 | 103,685      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 110 | 103,815      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 111 | 103,815      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 113 | 104,265      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 114 | 104,415      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 115 | 104,715      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 119 | 105,515      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 123 | 106,315      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 228,48643     | 228,48643             |
| LE 127 | 107,115      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 132 | 108,015      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 228,22120     | 228,22120             |
| LE 136 | 108,905      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 137 | 109,035      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 138 | 109,115      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 143 | 110,115      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 146 | 110,715      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 155 | 112,515      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 157 | 112,865      | 0,00000                       | 0,00000                | 0,00000                  | 2,35567           | 0,00000            | 0,00000           | 1,17784       | 3,53351               |
| LE 159 | 113,215      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 269,67328     | 269,67328             |

| Sample | Position (m) | <i>Ticinella bejaouaensis</i> | <i>T. madecassiana</i> | <i>T. praeticinensis</i> | <i>T. primula</i> | <i>T. raynaudi</i> | <i>T. roberti</i> | <i>T. sp.</i> | <i>Ticinella spp.</i> |
|--------|--------------|-------------------------------|------------------------|--------------------------|-------------------|--------------------|-------------------|---------------|-----------------------|
| LE 163 | 114,015      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 198,83495     | 198,83495             |
| LE 167 | 114,815      | 0,00000                       | 0,00000                | 0,00000                  | 297,89091         | 0,00000            | 0,00000           | 0,00000       | 297,89091             |
| LE 171 | 115,615      | 0,00000                       | 0,00000                | 0,00000                  | 153,49447         | 0,00000            | 0,00000           | 153,49447     | 306,98895             |
| LE 175 | 116,415      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 183 | 118,015      | 0,00000                       | 0,00000                | 0,00000                  | 102,25939         | 0,00000            | 0,00000           | 204,51879     | 306,77818             |
| LE 187 | 118,815      | 0,00000                       | 0,00000                | 0,00000                  | 257,79246         | 0,00000            | 0,00000           | 128,89623     | 386,68869             |
| LE 189 | 118,225      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 39,73998      | 39,73998              |
| LE 191 | 118,495      | 0,00000                       | 0,00000                | 0,00000                  | 264,59948         | 0,00000            | 0,00000           | 132,29974     | 396,89922             |
| LE 193 | 118,685      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| LE 195 | 119,085      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 183,92456     | 183,92456             |
| LE 205 | 121,895      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 112,00438     | 112,00438             |
| LE 209 | 122,695      | 0,00000                       | 0,00000                | 0,00000                  | 126,94379         | 0,00000            | 0,00000           | 31,73595      | 158,67974             |
| LE 211 | 122,955      | 0,00000                       | 0,00000                | 0,00000                  | 58,69456          | 0,00000            | 0,00000           | 176,08369     | 234,77825             |
| LE 214 | 123,285      | 0,00000                       | 0,00000                | 0,00000                  | 123,64039         | 0,00000            | 0,00000           | 41,21346      | 164,85385             |
| LE 216 | 123,555      | 0,00000                       | 0,00000                | 0,00000                  | 8,47472           | 0,00000            | 0,00000           | 0,00000       | 8,47472               |
| LE 221 | 124,425      | 0,00000                       | 0,00000                | 0,00000                  | 115,65954         | 0,00000            | 0,00000           | 49,56837      | 165,22791             |
| SA 4   | 124,785      | 0,00000                       | 0,00000                | 0,00000                  | 108,25955         | 0,00000            | 0,00000           | 0,00000       | 108,25955             |
| SA 5   | 125,385      | 0,00000                       | 0,00000                | 0,00000                  | 149,50724         | 0,00000            | 0,00000           | 0,00000       | 149,50724             |
| SA 6   | 125,985      | 0,00000                       | 0,00000                | 0,00000                  | 213,44450         | 0,00000            | 0,00000           | 0,00000       | 213,44450             |
| SA 7   | 126,585      | 0,00000                       | 0,00000                | 0,00000                  | 211,44283         | 0,00000            | 0,00000           | 0,00000       | 211,44283             |
| SA 9   | 127,785      | 0,00000                       | 0,00000                | 0,00000                  | 281,80255         | 0,00000            | 0,00000           | 0,00000       | 281,80255             |
| SA 10  | 128,385      | 0,00000                       | 0,00000                | 0,00000                  | 271,54601         | 0,00000            | 0,00000           | 0,00000       | 271,54601             |
| SA 11  | 129,985      | 0,00000                       | 0,00000                | 0,00000                  | 72,34193          | 0,00000            | 0,00000           | 0,00000       | 72,34193              |
| SA 12  | 130,585      | 0,00000                       | 0,00000                | 0,00000                  | 26,74328          | 0,00000            | 0,00000           | 0,00000       | 26,74328              |
| SA 13  | 131,185      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| SA 14  | 131,785      | 0,00000                       | 0,00000                | 0,00000                  | 15,42401          | 0,00000            | 0,00000           | 7,71200       | 23,13601              |

| Sample | Position (m) | <i>Ticinella bejaouaensis</i> | <i>T. madecassiana</i> | <i>T. praeticinensis</i> | <i>T. primula</i> | <i>T. raynaudi</i> | <i>T. roberti</i> | <i>T. sp.</i> | <i>Ticinella spp.</i> |
|--------|--------------|-------------------------------|------------------------|--------------------------|-------------------|--------------------|-------------------|---------------|-----------------------|
| SA 15  | 132,385      | 0,00000                       | 0,00000                | 0,00000                  | 84,97925          | 0,00000            | 0,00000           | 0,00000       | 84,97925              |
| SA 16  | 132,985      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| SA 17  | 133,585      | 0,00000                       | 0,00000                | 0,00000                  | 172,62064         | 0,00000            | 0,00000           | 0,00000       | 172,62064             |
| SA 18  | 134,185      | 0,00000                       | 0,00000                | 0,00000                  | 57,94477          | 0,00000            | 0,00000           | 0,00000       | 57,94477              |
| SA 19  | 134,785      | 0,00000                       | 0,00000                | 0,00000                  | 103,50404         | 0,00000            | 0,00000           | 69,00270      | 172,50674             |
| SA 20  | 134,9        | 0,00000                       | 0,00000                | 0,00000                  | 72,63055          | 0,00000            | 0,00000           | 0,00000       | 72,63055              |
| SA 21  | 135,165      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| SA 22  | 135,415      | 0,00000                       | 0,00000                | 0,00000                  | 63,66180          | 0,00000            | 0,00000           | 0,00000       | 63,66180              |
| SA 23  | 135,715      | 0,00000                       | 0,00000                | 0,00000                  | 42,96654          | 0,00000            | 0,00000           | 0,00000       | 42,96654              |
| SA 24  | 136,04       | 0,00000                       | 0,00000                | 0,00000                  | 114,87064         | 0,00000            | 0,00000           | 0,00000       | 114,87064             |
| SA 25  | 136,765      | 0,00000                       | 0,00000                | 0,00000                  | 207,11974         | 0,00000            | 0,00000           | 0,00000       | 207,11974             |
| SA 26  | 137,365      | 0,00000                       | 0,00000                | 0,00000                  | 62,18309          | 0,00000            | 0,00000           | 0,00000       | 62,18309              |
| SA 27  | 137,965      | 0,00000                       | 0,00000                | 0,00000                  | 266,08201         | 0,00000            | 0,00000           | 0,00000       | 266,08201             |
| SA 28  | 138,485      | 0,00000                       | 0,00000                | 0,00000                  | 70,53556          | 0,00000            | 0,00000           | 0,00000       | 70,53556              |
| SA 29  | 138,58       | 0,00000                       | 0,00000                | 0,00000                  | 85,33333          | 0,00000            | 0,00000           | 0,00000       | 85,33333              |
| SA 30  | 139,275      | 0,00000                       | 0,00000                | 0,00000                  | 97,21134          | 0,00000            | 0,00000           | 0,00000       | 97,21134              |
| SA 31  | 139,875      | 0,00000                       | 0,00000                | 0,00000                  | 66,13919          | 0,00000            | 0,00000           | 0,00000       | 66,13919              |
| SA 32  | 140,475      | 0,00000                       | 0,00000                | 0,00000                  | 263,94587         | 0,00000            | 0,00000           | 0,00000       | 263,94587             |
| SA 33  | 141,075      | 0,00000                       | 0,00000                | 0,00000                  | 60,48435          | 0,00000            | 0,00000           | 30,24217      | 90,72652              |
| SA 34  | 141,675      | 0,00000                       | 0,00000                | 0,00000                  | 60,08067          | 0,00000            | 0,00000           | 0,00000       | 60,08067              |
| SA 35  | 142,275      | 0,00000                       | 0,00000                | 0,00000                  | 36,35718          | 0,00000            | 0,00000           | 0,00000       | 36,35718              |
| SA 36  | 142,875      | 0,00000                       | 0,00000                | 0,00000                  | 69,77853          | 0,00000            | 0,00000           | 0,00000       | 69,77853              |
| SA 38  | 144,075      | 0,00000                       | 0,00000                | 0,00000                  | 480,44359         | 0,00000            | 0,00000           | 0,00000       | 480,44359             |
| SA 39  | 144,675      | 0,00000                       | 0,00000                | 0,00000                  | 194,25211         | 0,00000            | 0,00000           | 0,00000       | 194,25211             |
| SA 40  | 145,275      | 0,00000                       | 0,00000                | 0,00000                  | 121,94105         | 0,00000            | 0,00000           | 40,64702      | 162,58807             |
| SA 41  | 145,875      | 0,00000                       | 0,00000                | 0,00000                  | 29,71992          | 0,00000            | 0,00000           | 0,00000       | 29,71992              |



| Sample    | Position (m) | <i>Ticinella bejaouaensis</i> | <i>T. madecassiana</i> | <i>T. praeticinensis</i> | <i>T. primula</i> | <i>T. raynaudi</i> | <i>T. roberti</i> | <i>T. sp.</i> | <i>Ticinella spp.</i> |
|-----------|--------------|-------------------------------|------------------------|--------------------------|-------------------|--------------------|-------------------|---------------|-----------------------|
| SA 42     | 146,475      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| SA 43     | 147,075      | 0,00000                       | 0,00000                | 0,00000                  | 180,44053         | 0,00000            | 0,00000           | 0,00000       | 180,44053             |
| SA 44     | 147,675      | 0,00000                       | 0,00000                | 0,00000                  | 370,77460         | 0,00000            | 0,00000           | 0,00000       | 370,77460             |
| SA 45     | 148,275      | 0,00000                       | 0,00000                | 0,00000                  | 84,46522          | 0,00000            | 0,00000           | 0,00000       | 84,46522              |
| SA 46     | 148,875      | 0,00000                       | 0,00000                | 0,00000                  | 141,38764         | 0,00000            | 0,00000           | 0,00000       | 141,38764             |
| SA 47     | 149,475      | 0,00000                       | 0,00000                | 0,00000                  | 113,69093         | 0,00000            | 0,00000           | 0,00000       | 113,69093             |
| SA 48     | 149,825      | 0,00000                       | 0,00000                | 0,00000                  | 6,05630           | 0,00000            | 0,00000           | 0,00000       | 6,05630               |
| SA 49     | 150,225      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| SA 50     | 150,625      | 0,00000                       | 0,00000                | 0,00000                  | 72,16350          | 0,00000            | 0,00000           | 18,04087      | 90,20437              |
| HN 3/SA54 | 152,825      | 0,00000                       | 0,00000                | 0,00000                  | 661,64956         | 0,00000            | 0,00000           | 0,00000       | 661,64956             |
| HN 8      | 155,225      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| HN 13     | 158,025      | 0,00000                       | 0,00000                | 0,00000                  | 1872,81387        | 0,00000            | 0,00000           | 0,00000       | 1872,81387            |
| HN 18     | 161,025      | 0,00000                       | 0,00000                | 0,00000                  | 1701,61721        | 0,00000            | 0,00000           | 0,00000       | 1701,61721            |
| HN 21/2   | 163,425      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| HN 23     | 165,825      | 0,00000                       | 0,00000                | 0,00000                  | 847,25350         | 0,00000            | 0,00000           | 94,13928      | 941,39278             |
| HN 29     | 169,425      | 0,00000                       | 0,00000                | 0,00000                  | 132,46018         | 0,00000            | 0,00000           | 16,55752      | 149,01771             |
| HN 103    | 173,625      | 0,00000                       | 0,00000                | 0,00000                  | 325,70236         | 0,00000            | 0,00000           | 0,00000       | 325,70236             |
| HN 108    | 175,825      | 0,00000                       | 0,00000                | 0,00000                  | 1043,11050        | 0,00000            | 0,00000           | 0,00000       | 1043,11050            |
| HN 113    | 178,825      | 0,00000                       | 0,00000                | 0,00000                  | 1105,65741        | 0,00000            | 0,00000           | 0,00000       | 1105,65741            |
| HN 118    | 181,825      | 0,00000                       | 0,00000                | 0,00000                  | 559,51188         | 0,00000            | 0,00000           | 0,00000       | 559,51188             |
| HN 123    | 184,825      | 0,00000                       | 0,00000                | 0,00000                  | 4401,11582        | 0,00000            | 0,00000           | 0,00000       | 4401,11582            |
| HN 128    | 187,825      | 0,00000                       | 0,00000                | 0,00000                  | 2698,62504        | 0,00000            | 0,00000           | 0,01432       | 2698,63936            |
| HN 133    | 191,385      | 0,00000                       | 0,00000                | 0,00000                  | 504,86865         | 0,00000            | 0,00000           | 0,00000       | 504,86865             |
| HN 134    | 191,985      | 0,00000                       | 0,00000                | 0,00000                  | 305,45075         | 0,00000            | 0,00000           | 0,00000       | 305,45075             |
| HN 135    | 192,585      | 0,00000                       | 0,00000                | 0,00000                  | 260,53427         | 0,00000            | 0,00000           | 0,00000       | 260,53427             |
| HN 136    | 193,185      | 0,00000                       | 0,00000                | 0,00000                  | 2509,03522        | 0,00000            | 0,00000           | 0,00000       | 2509,03522            |



| Sample    | Position (m) | <i>Ticinella bejaouaensis</i> | <i>T. madecassiana</i> | <i>T. praeticinensis</i> | <i>T. primula</i> | <i>T. raynaudi</i> | <i>T. roberti</i> | <i>T. sp.</i> | <i>Ticinella spp.</i> |
|-----------|--------------|-------------------------------|------------------------|--------------------------|-------------------|--------------------|-------------------|---------------|-----------------------|
| FS 120    | 253,855      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,02388       | 0,02388               |
| FS 122    | 255,055      | 0,00000                       | 0,00000                | 0,00000                  | 112,44768         | 0,00000            | 0,00000           | 168,64064     | 281,08831             |
| FS 123    | 255,655      | 0,00000                       | 0,00000                | 0,00647                  | 0,00000           | 0,00000            | 0,00000           | 0,00647       | 0,01294               |
| FS 126    | 257,455      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| FS 127    | 258,055      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 562,44422     | 562,44422             |
| FS 131    | 259,855      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,01578       | 0,01578               |
| FS 132    | 260,455      | 0,00000                       | 0,00000                | 0,00000                  | 0,00730           | 0,00000            | 0,00000           | 0,00730       | 0,01460               |
| 500/3/98  | 261,755      | 0,00000                       | 0,00000                | 0,00000                  | 0,06840           | 0,00000            | 0,00000           | 0,13680       | 0,20520               |
| 507/3/98  | 264,135      | 0,00000                       | 0,00000                | 0,02184                  | 0,01456           | 0,00000            | 0,00000           | 0,00000       | 0,03640               |
| 511/3/98  | 265,305      | 0,00000                       | 0,00000                | 0,25304                  | 0,04920           | 0,01406            | 0,00000           | 691,05222     | 691,36852             |
| 517/1/98  | 266,95       | 0,00000                       | 0,00000                | 0,09696                  | 0,00000           | 0,00000            | 0,00000           | 2118,48739    | 2118,58436            |
| 519/2/98  | 267,725      | 0,00000                       | 0,00000                | 0,15224                  | 0,00951           | 0,00000            | 0,00000           | 155,88963     | 156,05138             |
| 524/2/98  | 268,79       | 0,00000                       | 0,00000                | 0,36414                  | 0,02952           | 0,00000            | 0,00000           | 0,37398       | 0,76764               |
| 526/1/98  | 269,285      | 0,00000                       | 0,00000                | 0,22838                  | 0,01631           | 0,00000            | 0,00000           | 1069,49429    | 1069,73899            |
| 526/5/98  | 269,865      | 0,00000                       | 0,00000                | 0,27199                  | 0,00000           | 0,00000            | 0,00000           | 270,36182     | 270,63381             |
| 526/11/98 | 270,605      | 0,00000                       | 0,00000                | 0,29482                  | 0,00000           | 0,06551            | 0,00000           | 268,77406     | 269,13439             |
| 532/2/98  | 272,465      | 0,00000                       | 0,00000                | 0,20024                  | 0,00000           | 0,00000            | 0,00000           | 447,39237     | 447,59261             |
| 532/5/98  | 273,185      | 0,00000                       | 0,00000                | 0,08656                  | 0,03246           | 0,01082            | 0,00000           | 88,72538      | 88,85523              |
| 534/2/98  | 275,785      | 0,00000                       | 0,00000                | 0,12740                  | 0,00000           | 0,03185            | 0,03185           | 261,13544     | 261,32654             |
| PVB 1     | 277,385      | 0,00000                       | 0,02005                | 0,00000                  | 0,00000           | 0,00000            | 0,06014           | 574,76195     | 574,84214             |
| PVB 2     | 277,985      | 0,00000                       | 0,04107                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 672,88159     | 672,92266             |
| PVB 3     | 278,585      | 0,00000                       | 0,03213                | 0,02142                  | 0,00000           | 0,00000            | 0,00000           | 87,79991      | 87,85347              |
| PVB 4     | 279,185      | 0,00000                       | 0,04028                | 0,00000                  | 0,02014           | 0,00000            | 0,00000           | 82,49924      | 82,55966              |
| PVB 5     | 279,36       | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| PVB 6     | 280,135      | 0,00000                       | 0,04502                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 46,15644      | 46,20146              |
| PVB 9     | 281,535      | 0,00000                       | 0,02375                | 0,00000                  | 0,00000           | 0,00000            | 0,06332           | 64,92797      | 65,01504              |

| Sample | Position (m) | <i>Ticinella bejaouaensis</i> | <i>T. madecassiana</i> | <i>T. praeticinensis</i> | <i>T. primula</i> | <i>T. raynaudi</i> | <i>T. roberti</i> | <i>T. sp.</i> | <i>Ticinella spp.</i> |
|--------|--------------|-------------------------------|------------------------|--------------------------|-------------------|--------------------|-------------------|---------------|-----------------------|
| PVB 10 | 276,785      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,02537           | 554,38938     | 554,41475             |
| PVB 11 | 282,435      | 0,00000                       | 0,06383                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,05319       | 0,11702               |
| PVB 12 | 283,035      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 140,33916     | 140,33916             |
| PVB 13 | 283,635      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| PVB 14 | 284,235      | 0,00000                       | 0,01187                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,01187       | 0,02375               |
| PVB 15 | 284,835      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,02731            | 0,00000           | 0,02731       | 0,05462               |
| PVB 16 | 284,96       | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| PVB 17 | 285,685      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 52,23766      | 52,23766              |
| PVB 18 | 286,285      | 0,00000                       | 0,06639                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,04742       | 0,11381               |
| PVB 19 | 286,885      | 0,00000                       | 0,05105                | 0,00000                  | 0,00729           | 0,00000            | 0,00000           | 0,02188       | 0,08022               |
| PVB 21 | 288,085      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,01044            | 0,00000           | 512,90828     | 512,91871             |
| PVB 22 | 288,685      | 0,00000                       | 0,09484                | 0,00000                  | 0,01459           | 0,00000            | 0,00000           | 0,02918       | 0,13861               |
| PVB 23 | 289,285      | 0,00000                       | 0,06848                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,04565       | 0,11413               |
| PVB 24 | 289,885      | 0,00000                       | 0,00720                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 59,04179      | 59,04899              |
| PVB 25 | 290,485      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,02853            | 0,00000           | 0,00951       | 0,03804               |
| PVB 26 | 291,085      | 0,00000                       | 0,04292                | 0,00000                  | 0,00715           | 0,00000            | 0,00000           | 117,23423     | 117,28430             |
| PVB 27 | 291,235      | 0,00000                       | 0,01406                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 230,33882     | 230,35288             |
| PVB 28 | 291,985      | 0,00000                       | 0,06569                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,05631       | 0,12200               |
| PVB 29 | 292,585      | 0,00000                       | 0,11667                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,02917       | 0,14584               |
| PVB 31 | 293,785      | 0,00000                       | 0,04456                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,03342       | 0,07798               |
| PVB 32 | 294,385      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,01142       | 0,01142               |
| PVB 34 | 295,235      | 0,00000                       | 0,05242                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,01747       | 0,06989               |
| PVB 35 | 295,835      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,01722            | 0,02582           | 0,00000       | 0,04304               |
| PVB 36 | 296,435      | 0,00000                       | 0,02721                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,07256       | 0,09977               |
| PVB 37 | 297,035      | 0,00000                       | 0,04096                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,04096               |
| PVB 38 | 297,635      | 0,00000                       | 0,04727                | 0,00000                  | 0,00000           | 0,00000            | 0,12604           | 0,06302       | 0,23633               |

| Sample | Position (m) | <i>Ticinella bejaouaensis</i> | <i>T. madecassiana</i> | <i>T. praeticinensis</i> | <i>T. primula</i> | <i>T. raynaudi</i> | <i>T. roberti</i> | <i>T. sp.</i> | <i>Ticinella spp.</i> |
|--------|--------------|-------------------------------|------------------------|--------------------------|-------------------|--------------------|-------------------|---------------|-----------------------|
| PVB 41 | 299,36       | 0,00000                       | 0,08340                | 0,00000                  | 0,00000           | 0,00000            | 0,16681           | 0,16681       | 0,41701               |
| PVB 42 | 300,085      | 0,00000                       | 0,01005                | 0,00000                  | 0,00000           | 0,00000            | 0,02009           | 0,06027       | 0,09041               |
| PVB 43 | 300,685      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,07297       | 0,07297               |
| PVB 44 | 300,86       | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,04155       | 0,04155               |
| PVB 45 | 301,635      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 89,03738      | 89,03738              |
| PVB 48 | 303,435      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,02727       | 0,02727               |
| PVB 50 | 304,735      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,01860            | 0,00000           | 152,46512     | 152,48372             |
| PVB 51 | 305,335      | 0,00000                       | 0,01185                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,02370       | 0,03555               |
| PVB 52 | 305,935      | 0,00000                       | 0,00824                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00824               |
| PVB 54 | 307,135      | 0,00000                       | 0,01543                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,01543       | 0,03085               |
| PVB 55 | 307,735      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,01003           | 0,01003       | 0,02006               |
| PVB 57 | 308,935      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| PVB 58 | 309,535      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| PVB 59 | 310,135      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,01050       | 0,01050               |
| PVB 62 | 311,935      | 0,00000                       | 0,03411                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 23,29733      | 23,33144              |
| PVB 63 | 312,535      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00918           | 0,01837       | 0,02755               |
| PVB 64 | 313,135      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,02553       | 0,02553               |
| PVB 65 | 313,735      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 77,83373      | 77,83373              |
| PVB 67 | 314,935      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,03609           | 0,07219       | 0,10828               |
| PVB 68 | 315,535      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00924           | 0,00000       | 0,00924               |
| PVB 70 | 316,435      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,03792       | 0,03792               |
| PVB 72 | 317,635      | 0,00000                       | 0,04280                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,04280               |
| PVB 73 | 318,235      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,01047           | 0,00000       | 0,01047               |
| PVB 74 | 318,835      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,02582           | 0,02582       | 0,05165               |
| PVB 76 | 319,685      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,03989           | 217,91223     | 217,95213             |
| PVB 78 | 320,885      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,01143            | 0,00000           | 0,00000       | 0,01143               |

| Sample  | Position (m) | <i>Ticinella bejaouaensis</i> | <i>T. madecassiana</i> | <i>T. praeticinensis</i> | <i>T. primula</i> | <i>T. raynaudi</i> | <i>T. roberti</i> | <i>T. sp.</i> | <i>Ticinella spp.</i> |
|---------|--------------|-------------------------------|------------------------|--------------------------|-------------------|--------------------|-------------------|---------------|-----------------------|
| PVB 80  | 322,085      | 0,00000                       | 0,00000                | 0,01127                  | 0,00000           | 0,00000            | 0,02253           | 0,03380       | 0,06760               |
| PVB 81  | 322,685      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| PVB 83  | 323,485      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,01124       | 0,01124               |
| PVB 84  | 324,085      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,01646       | 0,01646               |
| PVB 85  | 324,685      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,02058       | 0,02058               |
| PVB 86  | 325,285      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,01207       | 0,01207               |
| PVB 87  | 325,885      | 0,00000                       | 0,00000                | 0,00000                  | 0,02019           | 0,00000            | 0,00000           | 0,02019       | 0,04038               |
| PVB 89  | 327,085      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| PVB 90  | 327,685      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,03939            | 0,05909           | 0,01970       | 0,11818               |
| PVB 92  | 328,885      | 0,00000                       | 0,00000                | 0,00000                  | 0,01078           | 0,00000            | 0,00000           | 0,02157       | 0,03235               |
| PVB 94  | 329,785      | 0,00000                       | 0,00000                | 0,00000                  | 0,01671           | 0,00000            | 0,00000           | 0,00836       | 0,02507               |
| PVB 96  | 330,985      | 0,00000                       | 0,00000                | 0,00000                  | 0,00791           | 0,00000            | 0,00000           | 0,05534       | 0,06324               |
| PVB 98  | 332,185      | 0,00000                       | 0,00000                | 0,00000                  | 0,00873           | 0,00000            | 0,00000           | 0,03494       | 0,04367               |
| PVB 100 | 333,385      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,01366           | 0,01366       | 0,02731               |
| PVB 101 | 333,985      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,02247           | 0,00000       | 0,02247               |
| PVB 103 | 335,185      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00984       | 0,00984               |
| PVB 104 | 335,785      | 0,00000                       | 0,00000                | 0,00000                  | 0,04011           | 0,00000            | 0,00000           | 0,02005       | 0,06016               |
| PVB 105 | 336,385      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,01005            | 0,04019           | 164,64383     | 164,69406             |
| PVB 107 | 337,585      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,01927           | 39,48560      | 39,50486              |
| PVB 108 | 338,185      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,01569            | 0,01569           | 0,03139       | 0,06277               |
| PVB 110 | 339,385      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,02867           | 234,98208     | 235,01075             |
| PVB 111 | 339,485      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| PVB 113 | 340,785      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,02062       | 0,02062               |
| PVB 115 | 341,985      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 81,41523      | 81,41523              |
| PVB 116 | 342,085      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,18450           | 0,03355       | 0,21805               |
| PVB 117 | 342,185      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,01948           | 0,07792       | 0,09740               |









| Sample    | Position (m) | <i>Ticinella bejaouaensis</i> | <i>T. madecassiana</i> | <i>T. praeticinensis</i> | <i>T. primula</i> | <i>T. raynaudi</i> | <i>T. roberti</i> | <i>T. sp.</i> | <i>Ticinella spp.</i> |
|-----------|--------------|-------------------------------|------------------------|--------------------------|-------------------|--------------------|-------------------|---------------|-----------------------|
| 789/1/98  | 414,725      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 75,80707      | 75,80707              |
| 789/2/98  | 414,775      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| 789/3/98  | 414,825      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 5,33222            | 0,00000           | 66,65278      | 71,98500              |
| 789/4/98  | 414,875      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 2,80579            | 0,00000           | 54,01140      | 56,81719              |
| 789/5/98  | 414,925      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 1,18343            | 0,00000           | 60,94675      | 62,13018              |
| 789/6/98  | 414,975      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 3,97022            | 0,00000           | 95,28536      | 99,25558              |
| 789/7/98  | 415,025      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 58,36421      | 58,36421              |
| 789/8/98  | 415,075      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 4,78415            | 0,00000           | 231,73239     | 236,51654             |
| 790/1/98  | 415,225      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 93,29897      | 93,29897              |
| 790/2/98  | 415,375      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| 791/1/98  | 415,825      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 4,06048           | 120,46103     | 124,52152             |
| 792/1/98  | 416,125      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 8,38245            | 0,00000           | 73,04706      | 81,42951              |
| 792/2/98  | 416,325      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 19,36460          | 8,99071       | 28,35531              |
| 792/3/98  | 416,525      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 15,10473           | 0,00000           | 132,16639     | 147,27112             |
| 792/4/98  | 416,725      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 18,57091           | 0,00000           | 66,73921      | 85,31012              |
| 792/5/98  | 416,925      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 71,83931      | 71,83931              |
| 793/1/98  | 417,245      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 95,67060      | 95,67060              |
| 793/2/98  | 417,315      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 403,37648     | 403,37648             |
| 793/3/98  | 417,385      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 8,38703            | 0,00000           | 22,71486      | 31,10189              |
| 794/1/98  | 417,545      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 4,19535            | 0,00000           | 57,33639      | 61,53174              |
| 794/2/98  | 417,615      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,67833            | 0,00000           | 115,99364     | 116,67197             |
| 794/3/98  | 417,725      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 117,87649     | 117,87649             |
| 800/1/99  | 422,825      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 35,70744           | 0,00000           | 0,00000       | 35,70744              |
| 802/2/99  | 426,675      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| 803/12/99 | 429,175      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00000            | 0,00000           | 0,00000       | 0,00000               |
| 804/1/99  | 432,525      | 0,00000                       | 0,00000                | 0,00000                  | 0,00000           | 0,00462            | 0,00000           | 0,00000       | 0,00462               |



| Sample    | Position (m) | Total     |
|-----------|--------------|-----------|
| LF 157/2  | 4,65         | 376,57673 |
| LF 159/6  | 5,47         | 0,01573   |
| LF 162/1  | 6,47         | 93,09230  |
| LF 165/4  | 7,59         | 11,50356  |
| LF 169/1  | 8,47         | 171,31253 |
| LF 173/2  | 9,51         | 161,44492 |
| LF 173/12 | 10,15        | 120,75805 |
| LF 175/5  | 13,58        | 55,40696  |
| LF 178/2  | 15,69        | 17,92853  |
| LF 183/3  | 18,53        | 78,41561  |
| LF 192/3  | 21,54        | 0,02527   |
| PG202/2   | 24,15        | 0,00000   |
| PG206/2   | 24,79        | 65,20632  |
| PG212/1   | 25,84        | 0,00000   |
| PG218/1   | 26,87        | 0,00000   |
| PG218/2   | 26,93        | 0,00000   |
| PG218/3   | 26,99        | 0,00000   |
| PG219/1   | 27,07        | 0,00000   |
| PG219/2   | 27,13        | 9,99740   |
| PG219/3   | 27,19        | 0,00000   |
| PG220/1   | 27,28        | 0,00000   |
| PG220/2   | 27,36        | 0,00000   |
| PG220/3   | 27,44        | 29,74150  |
| PG221/1   | 27,48        | 0,00000   |
| PG221/2   | 27,53        | 38,71456  |

| Sample   | Position (m) | Total      |
|----------|--------------|------------|
| PG221/3  | 27,59        | 33,70840   |
| PG222/1  | 27,64        | 0,00000    |
| PG222/2  | 27,7         | 0,00000    |
| PG222/3  | 27,77        | 0,00000    |
| PG223/1  | 27,87        | 0,00000    |
| PG223/2  | 28,03        | 9,40714    |
| PG223/3  | 28,19        | 37,75430   |
| PG224/1  | 28,29        | 8,11153    |
| PG224/2  | 28,4         | 0,04640    |
| PG225/1  | 28,62        | 9,81689    |
| PG225/2  | 28,73        | 22,31715   |
| PG226/1  | 28,89        | 0,00000    |
| PG226/2  | 28,94        | 0,00000    |
| PG226/3  | 28,99        | 0,00000    |
| PG226/4  | 29,04        | 0,00000    |
| PG226/5  | 29,09        | 0,00000    |
| PG226/6  | 29,14        | 0,00000    |
| PG226/7  | 29,19        | 0,00000    |
| PG226/8  | 29,24        | 0,00000    |
| PG226/9  | 29,29        | 0,00000    |
| PG226/10 | 29,34        | 0,00000    |
| PG226/11 | 29,39        | 0,85001    |
| PG226/12 | 29,44        | 1346,68162 |
| PG226/13 | 29,49        | 291,52018  |
| PG226/14 | 29,54        | 162,90670  |
| PG226/15 | 29,59        | 297,51951  |

| Sample  | Position (m) | Total     |
|---------|--------------|-----------|
| PG227/1 | 29,67        | 254,14543 |
| PG227/2 | 29,77        | 850,23795 |
| PG227/3 | 29,87        | 19,97746  |
| PG228/1 | 29,94        | 5,93968   |
| PG228/2 | 30,01        | 14,52070  |
| PG228/3 | 30,09        | 0,00000   |
| PG229/1 | 30,19        | 12,70945  |
| PG229/2 | 30,29        | 99,91462  |
| PG229/3 | 30,39        | 171,86548 |
| PG231/2 | 30,7         | 0,15383   |
| PG233/2 | 31,16        | 121,17148 |
| OUS 2   | 31,49        | 237,03704 |
| OUS 15  | 32,84        | 0,00000   |
| OUS 26  | 34,14        | 0,00000   |
| OUS 34  | 34,94        | 0,00000   |
| OUS 45  | 36,04        | 0,00000   |
| OUS 53  | 36,89        | 0,00000   |
| OUS 61  | 37,84        | 71,75507  |
| OUS 70  | 38,89        | 0,00000   |
| OUS 79  | 39,89        | 567,06500 |
| OUS 89  | 40,86        | 92,23878  |
| OUS 99  | 41,96        | 17,88661  |
| OUS 128 | 44,84        | 71,07163  |
| OUS 138 | 45,94        | 0,00000   |
| OUS 156 | 47,99        | 0,00000   |
| OUS 164 | 48,89        | 38,75433  |

| Sample              | Position (m) | Total       |
|---------------------|--------------|-------------|
| OUS 175             | 49,99        | 92,18682    |
| OUS 185             | 51,04        | 2208,95729  |
| OUS 194             | 52           | 13,76714    |
| OUS 203             | 52,99        | 36,99422    |
| OUS 212             | 53,99        | 35,40476    |
| OUS 230             | 55,95        | 48,68344    |
| OUS 256             | 58,94        | 23,54121    |
| OUS 265             | 59,87        | 13,55035    |
| OUS 276             | 60,99        | 61,19827    |
| OUS 288             | 62,25        | 314,90593   |
| OUS 295             | 63,02        | 464,01535   |
| 0.95 m not measured |              |             |
| OUS 314             | 65,94        | 811,29589   |
| OUS 324             | 67,09        | 0,00000     |
| OUS 334             | 68,09        | 6685,80693  |
| OUS 343             | 68,99        | 217,02687   |
| OUS 353             | 69,99        | 340,60500   |
| MP2/25              | 72,39        | 2084,79575  |
| MP2/30              | 73,015       | 623,87962   |
| MP2/35              | 73,615       | 7406,09961  |
| MP2/40              | 74,215       | 20454,59057 |
| MP2                 | 74,815       | 283,55785   |
| MP9                 | 75,415       | 1373,72189  |
| MP15                | 76,015       | 138,38954   |
| MP21                | 76,615       | 6526,70612  |
| MP22                | 76,715       | 12811,54309 |

| Sample | Position (m) | Total       |
|--------|--------------|-------------|
| MP23   | 76,815       | 3282,14220  |
| MP24   | 76,915       | 9710,75612  |
| MP25   | 77,015       | 2028,97297  |
| MP26   | 77,115       | 4517,05263  |
| MP27   | 77,215       | 1085,47480  |
| MP28   | 77,315       | 2395,71751  |
| MP29   | 77,415       | 2287,35640  |
| MP30   | 77,515       | 4796,05891  |
| MP31   | 77,64        | 6596,00401  |
| MP32   | 77,715       | 142,30863   |
| MP33   | 77,765       | 136,16053   |
| MP34   | 77,815       | 130,88944   |
| MP35   | 77,865       | 11276,43312 |
| MP36   | 77,915       | 377,98658   |
| MP37   | 77,94        | 4933,10696  |
| MP39   | 78,065       | 2955,28093  |
| MP40   | 78,115       | 2488,84120  |
| MP42   | 78,215       | 449,11504   |
| MP44   | 78,315       | 1410,86549  |
| MP45   | 78,34        | 922,04794   |
| MPP57  | 78,39        | 151,30474   |
| MPP54  | 78,46        | 1365,52971  |
| MPP52  | 78,48        | 6441,96721  |
| MPP48  | 78,54        | 2466,68592  |
| MPP46  | 78,63        | 22136,16019 |
| MPP45  | 78,67        | 1632,91307  |



| Sample | Position (m) | Total       |
|--------|--------------|-------------|
| MPP44  | 78,727       | 509,37643   |
| MPP43  | 78,784       | 9268,51353  |
| MPP42  | 78,841       | 33321,84743 |
| MPP41  | 78,898       | 14245,55647 |
| MPP38  | 78,955       | 7449,12479  |
| MPP36  | 79,012       | 5733,94452  |
| MPP34  | 79,069       | 5689,91222  |
| MPP33  | 79,126       | 2262,65154  |
| MPP29  | 79,183       | 16297,02277 |
| MPP27  | 79,24        | 3953,90043  |
| MPP25  | 79,297       | 3670,99009  |
| MPP23  | 79,354       | 17256,69180 |
| MPP19  | 79,411       | 27420,95039 |
| MPP17  | 79,468       | 16687,03078 |
| MPP15  | 79,525       | 3293,37327  |
| MPP13  | 79,582       | 207,65391   |
| MPP7   | 79,639       | 667,95560   |
| MPP5   | 79,696       | 8813,69236  |
| MPP3   | 79,753       | 3556,91003  |
| MPP2   | 79,81        | 3538,33351  |
| MPP1   | 79,867       | 2130,83364  |
| MPP1/6 | 79,94        | 2205,13559  |
| MPP1/5 | 79,96        | 17003,37211 |
| MPP1/4 | 79,97        | 6924,04985  |
| MPP1/3 | 79,99        | 974,26051   |
| MPP1/2 | 80,02        | 8784,84211  |

| Sample | Position (m) | Total       |
|--------|--------------|-------------|
| MPP1/1 | 80,05        | 10475,92364 |
| MP46   | 80,052       | 1974,93278  |
| MP47   | 80,068       | 567,72789   |
| MP52   | 80,205       | 3700,93458  |
| MP58   | 80,805       | 1333,01775  |
| MP64   | 81,415       | 1005,98704  |
| MP70   | 82,015       | 137,57277   |
| MP76   | 82,615       | 1098,93527  |
| MP82   | 83,215       | 1613,89318  |
| MP88   | 83,815       | 103,90127   |
| LE 6   | 84,915       | 383,12071   |
| LE 13  | 86,315       | 1102,89710  |
| LE 17  | 87,115       | 155,23983   |
| LE 25  | 88,715       | 22159,71750 |
| LE 29  | 89,515       | 8778,81704  |
| LE 32  | 90,515       | 2601,91468  |
| LE 40  | 91,465       | 17155,94994 |
| LE 44  | 92,265       | 17267,08823 |
| LE 49  | 93,015       | 0,00000     |
| LE 51  | 93,225       | 1452,16043  |
| LE 54  | 93,675       | 163,36538   |
| LE 60  | 94,695       | 22703,86188 |
| LE 63  | 95,295       | 1677,25083  |
| LE 65  | 95,695       | 2254,94300  |
| LE 73  | 97,195       | 14111,33273 |
| LE 79  | 98,125       | 608,11318   |

| Sample | Position (m) | Total       |
|--------|--------------|-------------|
| LE 85  | 99,115       | 11055,02616 |
| LE 93  | 100,715      | 6741,26216  |
| LE 97  | 101,515      | 677,33193   |
| LE 100 | 102,115      | 2919,75560  |
| LE 105 | 103,115      | 3326,73640  |
| LE 106 | 103,315      | 12340,88623 |
| LE 107 | 103,415      | 11674,60414 |
| LE 108 | 103,565      | 10918,05274 |
| LE 109 | 103,685      | 0,00000     |
| LE 110 | 103,815      | 0,00000     |
| LE 111 | 103,815      | 0,00000     |
| LE 113 | 104,265      | 0,00000     |
| LE 114 | 104,415      | 0,00000     |
| LE 115 | 104,715      | 11326,23047 |
| LE 119 | 105,515      | 8665,52967  |
| LE 123 | 106,315      | 20868,42692 |
| LE 127 | 107,115      | 13840,10591 |
| LE 132 | 108,015      | 11582,22594 |
| LE 136 | 108,905      | 21153,07320 |
| LE 137 | 109,035      | 1809,05410  |
| LE 138 | 109,115      | 218,95937   |
| LE 143 | 110,115      | 0,00000     |
| LE 146 | 110,715      | 41006,07184 |
| LE 155 | 112,515      | 7032,95114  |
| LE 157 | 112,865      | 171,72845   |
| LE 159 | 113,215      | 8966,63649  |

| Sample | Position (m) | Total       |
|--------|--------------|-------------|
| LE 163 | 114,015      | 14117,28155 |
| LE 167 | 114,815      | 9234,61818  |
| LE 171 | 115,615      | 14121,49147 |
| LE 175 | 116,415      | 247,56724   |
| LE 183 | 118,015      | 31907,32742 |
| LE 187 | 118,815      | 11278,42027 |
| LE 189 | 118,225      | 4729,05792  |
| LE 191 | 118,495      | 10848,57881 |
| LE 193 | 118,685      | 806,63947   |
| LE 195 | 119,085      | 5027,27137  |
| LE 205 | 121,895      | 16240,63440 |
| LE 209 | 122,695      | 7711,83512  |
| LE 211 | 122,955      | 11973,69062 |
| LE 214 | 123,285      | 4574,69437  |
| LE 216 | 123,555      | 135,59546   |
| LE 221 | 124,425      | 5353,38443  |
| SA 4   | 124,785      | 15242,18316 |
| SA 5   | 125,385      | 12946,29517 |
| SA 6   | 125,985      | 20063,78322 |
| SA 7   | 126,585      | 3982,17328  |
| SA 9   | 127,785      | 12305,37782 |
| SA 10  | 128,385      | 13360,06364 |
| SA 11  | 129,985      | 14830,09537 |
| SA 12  | 130,585      | 6685,81875  |
| SA 13  | 131,185      | 8490,47975  |
| SA 14  | 131,785      | 1125,95270  |

| Sample | Position (m) | Total       |
|--------|--------------|-------------|
| SA 15  | 132,385      | 7265,72614  |
| SA 16  | 132,985      | 3377,48736  |
| SA 17  | 133,585      | 11335,42179 |
| SA 18  | 134,185      | 1738,34314  |
| SA 19  | 134,785      | 6865,76819  |
| SA 20  | 134,9        | 10967,21341 |
| SA 21  | 135,165      | 2417,60441  |
| SA 22  | 135,415      | 10949,82903 |
| SA 23  | 135,715      | 6230,14791  |
| SA 24  | 136,04       | 5054,30835  |
| SA 25  | 136,765      | 8491,90939  |
| SA 26  | 137,365      | 6481,61530  |
| SA 27  | 137,965      | 12771,93666 |
| SA 28  | 138,485      | 3562,04581  |
| SA 29  | 138,58       | 6570,66667  |
| SA 30  | 139,275      | 10401,61386 |
| SA 31  | 139,875      | 4762,02164  |
| SA 32  | 140,475      | 9785,41510  |
| SA 33  | 141,075      | 1829,65151  |
| SA 34  | 141,675      | 3308,06747  |
| SA 35  | 142,275      | 7453,22208  |
| SA 36  | 142,875      | 3715,70698  |
| SA 38  | 144,075      | 12840,94690 |
| SA 39  | 144,675      | 6759,97344  |
| SA 40  | 145,275      | 6183,26883  |
| SA 41  | 145,875      | 5587,34581  |

| Sample    | Position (m) | Total       |
|-----------|--------------|-------------|
| SA 42     | 146,475      | 3461,40845  |
| SA 43     | 147,075      | 11127,16593 |
| SA 44     | 147,675      | 14672,08069 |
| SA 45     | 148,275      | 7461,09431  |
| SA 46     | 148,875      | 12371,41871 |
| SA 47     | 149,475      | 2501,20047  |
| SA 48     | 149,825      | 1011,40289  |
| SA 49     | 150,225      | 568,02824   |
| SA 50     | 150,625      | 3727,34320  |
| HN 3/SA54 | 152,825      | 10469,63132 |
| HN 8      | 155,225      | 1391,12715  |
| HN 13     | 158,025      | 8739,79806  |
| HN 18     | 161,025      | 13916,69139 |
| HN 21/2   | 163,425      | 0,00000     |
| HN 23     | 165,825      | 17133,34866 |
| HN 29     | 169,425      | 2616,08861  |
| HN 103    | 173,625      | 5590,90246  |
| HN 108    | 175,825      | 6482,11915  |
| HN 113    | 178,825      | 16124,17051 |
| HN 118    | 181,825      | 6975,24816  |
| HN 123    | 184,825      | 58568,75710 |
| HN 128    | 187,825      | 52329,36121 |
| HN 133    | 191,385      | 24990,67098 |
| HN 134    | 191,985      | 6719,33487  |
| HN 135    | 192,585      | 6773,54110  |
| HN 136    | 193,185      | 31948,45329 |

| Sample | Position (m) | Total        |
|--------|--------------|--------------|
| HN 137 | 193,785      | 0,00000      |
| HN 138 | 194,385      | 13554,23589  |
| HN 139 | 194,985      | 10206,24822  |
| HN 142 | 196,785      | 20825,08641  |
| HN 143 | 197,385      | 21905,49573  |
| HN 144 | 197,985      | 3728,12319   |
| HN 146 | 199,185      | 4544,95704   |
| HN 148 | 200,385      | 5236,50271   |
| HN 153 | 203,385      | 6147,72099   |
| HN 158 | 206,385      | 8817,07222   |
| HN 163 | 209,385      | 3459,94844   |
| HN 168 | 212,385      | 14992,08532  |
| HN 173 | 215,385      | 306,97457    |
| HN 178 | 218,385      | 3925,92647   |
| HN 183 | 222,085      | 5876,93167   |
| FS 101 | 243,185      | 9755,65336   |
| FS 104 | 244,585      | 129822,00110 |
| FS 105 | 245,185      | 49528,95934  |
| FS 106 | 245,785      | 32791,29514  |
| FS 108 | 246,895      | 47324,00031  |
| FS 110 | 248,095      | 136497,39652 |
| FS 111 | 248,695      | 22998,39416  |
| FS 113 | 249,655      | 43231,01435  |
| FS 115 | 250,855      | 196314,82363 |
| FS 117 | 252,055      | 14411,15933  |
| FS 119 | 253,255      | 56145,32221  |

| Sample    | Position (m) | Total        |
|-----------|--------------|--------------|
| FS 120    | 253,855      | 29341,09360  |
| FS 122    | 255,055      | 5115,48755   |
| FS 123    | 255,655      | 89897,36655  |
| FS 126    | 257,455      | 37814,47073  |
| FS 127    | 258,055      | 19873,04039  |
| FS 131    | 259,855      | 47062,91035  |
| FS 132    | 260,455      | 28223,69343  |
| 500/3/98  | 261,755      | 56873,93981  |
| 507/3/98  | 264,135      | 26839,52676  |
| 511/3/98  | 265,305      | 12668,48949  |
| 517/1/98  | 266,95       | 127090,53814 |
| 519/2/98  | 267,725      | 13329,08658  |
| 524/2/98  | 268,79       | 81913,49277  |
| 526/1/98  | 269,285      | 65216,65579  |
| 526/5/98  | 269,865      | 22281,95005  |
| 526/11/98 | 270,605      | 17175,43199  |
| 532/2/98  | 272,465      | 15060,16201  |
| 532/5/98  | 273,185      | 11612,51353  |
| 534/2/98  | 275,785      | 34703,14515  |
| PVB 1     | 277,385      | 21185,71715  |
| PVB 2     | 277,985      | 20746,88569  |
| PVB 3     | 278,585      | 17637,56427  |
| PVB 4     | 279,185      | 20622,81744  |
| PVB 5     | 279,36       | 1940,73684   |
| PVB 6     | 280,135      | 13231,42375  |
| PVB 9     | 281,535      | 15693,87367  |



| Sample | Position (m) | Total       |
|--------|--------------|-------------|
| PVB 10 | 276,785      | 79816,99932 |
| PVB 11 | 282,435      | 56821,73404 |
| PVB 12 | 283,035      | 4701,53306  |
| PVB 13 | 283,635      | 23989,53965 |
| PVB 14 | 284,235      | 26457,33792 |
| PVB 15 | 284,835      | 15140,48616 |
| PVB 16 | 284,96       | 8065,83904  |
| PVB 17 | 285,685      | 7312,17646  |
| PVB 18 | 286,285      | 26882,72003 |
| PVB 19 | 286,885      | 44685,37884 |
| PVB 21 | 288,085      | 52829,92800 |
| PVB 22 | 288,685      | 13924,97082 |
| PVB 23 | 289,285      | 23811,06292 |
| PVB 24 | 289,885      | 12748,68876 |
| PVB 25 | 290,485      | 6700,89388  |
| PVB 26 | 291,085      | 15003,61282 |
| PVB 27 | 291,235      | 12899,32518 |
| PVB 28 | 291,985      | 14068,85323 |
| PVB 29 | 292,585      | 14098,88187 |
| PVB 31 | 293,785      | 18981,55286 |
| PVB 32 | 294,385      | 4679,75782  |
| PVB 34 | 295,235      | 12669,15953 |
| PVB 35 | 295,835      | 6347,98141  |
| PVB 36 | 296,435      | 17159,85488 |
| PVB 37 | 297,035      | 28993,07774 |
| PVB 38 | 297,635      | 17813,07704 |

| Sample | Position (m) | Total        |
|--------|--------------|--------------|
| PVB 41 | 299,36       | 4272,31026   |
| PVB 42 | 300,085      | 13250,04520  |
| PVB 43 | 300,685      | 27351,78789  |
| PVB 44 | 300,86       | 7999,25218   |
| PVB 45 | 301,635      | 9435,68014   |
| PVB 48 | 303,435      | 17761,52168  |
| PVB 50 | 304,735      | 23855,53488  |
| PVB 51 | 305,335      | 14559,77488  |
| PVB 52 | 305,935      | 16872,18881  |
| PVB 54 | 307,135      | 20221,59827  |
| PVB 55 | 307,735      | 11912,08383  |
| PVB 57 | 308,935      | 7142,74349   |
| PVB 58 | 309,535      | 19550,28174  |
| PVB 59 | 310,135      | 10750,96063  |
| PVB 62 | 311,935      | 3434,91757   |
| PVB 63 | 312,535      | 120361,19376 |
| PVB 64 | 313,135      | 17706,42444  |
| PVB 65 | 313,735      | 6693,85273   |
| PVB 67 | 314,935      | 18481,08645  |
| PVB 68 | 315,535      | 10970,20687  |
| PVB 70 | 316,435      | 5095,57797   |
| PVB 72 | 317,635      | 13060,56067  |
| PVB 73 | 318,235      | 20163,03938  |
| PVB 74 | 318,835      | 23412,55057  |
| PVB 76 | 319,685      | 11765,39894  |
| PVB 78 | 320,885      | 20691,06286  |

| Sample  | Position (m) | Total       |
|---------|--------------|-------------|
| PVB 80  | 322,085      | 4522,78053  |
| PVB 81  | 322,685      | 56788,41261 |
| PVB 83  | 323,485      | 10869,12789 |
| PVB 84  | 324,085      | 26421,65542 |
| PVB 85  | 324,685      | 10872,40741 |
| PVB 86  | 325,285      | 9392,78301  |
| PVB 87  | 325,885      | 26381,32445 |
| PVB 89  | 327,085      | 16743,43136 |
| PVB 90  | 327,685      | 8955,87946  |
| PVB 92  | 328,885      | 12455,57473 |
| PVB 94  | 329,785      | 24094,54378 |
| PVB 96  | 330,985      | 10880,13439 |
| PVB 98  | 332,185      | 11377,28186 |
| PVB 100 | 333,385      | 12027,67004 |
| PVB 101 | 333,985      | 3405,81892  |
| PVB 103 | 335,185      | 16278,60515 |
| PVB 104 | 335,785      | 32120,60564 |
| PVB 105 | 336,385      | 7820,55662  |
| PVB 107 | 337,585      | 9905,51007  |
| PVB 108 | 338,185      | 17099,63905 |
| PVB 110 | 339,385      | 16914,33692 |
| PVB 111 | 339,485      | 6571,36893  |
| PVB 113 | 340,785      | 9463,40105  |
| PVB 115 | 341,985      | 15388,49135 |
| PVB 116 | 342,085      | 7283,98189  |
| PVB 117 | 342,185      | 21546,85887 |

| Sample   | Position (m) | Total       |
|----------|--------------|-------------|
| PVB 119  | 342,435      | 13243,35021 |
| PVB 120  | 342,935      | 13397,80632 |
| PVB 122  | 343,285      | 2868,49723  |
| PVB 123  | 343,685      | 7107,53943  |
| PVB 127  | 345,335      | 7227,99451  |
| PVB 131  | 347,735      | 7946,35078  |
| PVB 132  | 348,335      | 6600,82692  |
| PVB 134  | 349,535      | 4193,50265  |
| PVB 135  | 350,135      | 12382,71785 |
| PVB 136  | 350,735      | 14066,51593 |
| PVB 139  | 352,535      | 8447,17644  |
| PVB 142  | 353,835      | 25067,20896 |
| PVB 143  | 354,285      | 5654,17591  |
| PVB 144  | 354,885      | 10462,48132 |
| PVB 147  | 356,685      | 23163,08391 |
| PVB 148  | 357,285      | 31457,20717 |
| PVB 150  | 358,485      | 13266,25287 |
| PVB 151  | 359,085      | 14370,37068 |
| PVB 152  | 359,685      | 9476,64575  |
| PVB 153  | 360,285      | 9021,53935  |
| PVB 154  | 360,885      | 7637,22149  |
| PVB 159  | 364,085      | 1498,26068  |
| 704/1/98 | 367,865      | 4921,43027  |
| 705/1/98 | 368,465      | 11555,49524 |
| 707/1/98 | 369,885      | 8327,46765  |
| 711/1/98 | 371,805      | 697,21485   |

| Sample   | Position (m) | Total       |
|----------|--------------|-------------|
| 714/1/98 | 373,125      | 18206,43380 |
| 717/1/98 | 374,795      | 8594,30000  |
| 718/1/98 | 375,415      | 3815,28967  |
| 721/1/98 | 378,625      | 2038,57471  |
| 722/1/98 | 378,995      | 10849,02419 |
| 727/1/98 | 381,055      | 4957,62667  |
| 728/1/98 | 381,535      | 3419,98119  |
| 730/1/98 | 382,615      | 81,46199    |
| 732/2/98 | 383,145      | 4061,00505  |
| 734/1/98 | 383,965      | 864,05797   |
| 736/2/98 | 384,975      | 2421,60825  |
| 739/3/98 | 386,645      | 2232,21858  |
| 740/2/98 | 387,085      | 16738,07692 |
| 742/2/98 | 387,795      | 7058,64058  |
| 744/2/98 | 388,855      | 10073,19022 |
| 745/4/98 | 389,465      | 10,11724    |
| 746/2/98 | 390,255      | 1566,86397  |
| 747/4/98 | 390,805      | 13511,36364 |
| 748/2/98 | 391,365      | 18481,22600 |
| 750/2/98 | 393,075      | 3143,05306  |
| 755/3/98 | 395,955      | 3535,19385  |
| 756/3/98 | 396,355      | 1,60106     |
| 759/2/99 | 397,745      | 58,72527    |
| 761/5/98 | 399,355      | 3077,32667  |
| 767/3/98 | 403,965      | 2739,28180  |
| 775/2/98 | 407,825      | 5161,68421  |

| Sample    | Position (m) | Total       |
|-----------|--------------|-------------|
| 776/10/98 | 409,065      | 4384,56395  |
| 777/3/98  | 409,725      | 2838,71503  |
| 781/1/98  | 411,445      | 5123,05902  |
| 781/2/98  | 411,525      | 994,84000   |
| 781/3/98  | 411,705      | 12550,19839 |
| 781/4/98  | 411,835      | 7890,41371  |
| 782/1/98  | 412,015      | 4638,83366  |
| 782/2/98  | 412,115      | 8517,14694  |
| 782/4/98  | 412,315      | 8215,90311  |
| 782/6/98  | 412,515      | 1973,89153  |
| 782/7/98  | 412,615      | 7691,35110  |
| 783/1/98  | 412,795      | 7495,10953  |
| 784/1/98  | 412,995      | 6674,11006  |
| 784/2/98  | 413,115      | 13037,42251 |
| 784/3/98  | 413,235      | 1654,09325  |
| 784/5/98  | 413,475      | 4366,82266  |
| 784/6/98  | 413,595      | 14029,70809 |
| 785/1/98  | 413,795      | 6747,17396  |
| 786/1/98  | 413,895      | 1933,35383  |
| 786/2/98  | 413,945      | 2630,55424  |
| 786/3/98  | 413,995      | 4678,16154  |
| 787/1/98  | 414,095      | 8760,97920  |
| 787/2/98  | 414,145      | 5491,79163  |
| 787/3/98  | 414,195      | 13990,68876 |
| 788/1/98  | 414,385      | 3329,99377  |
| 788/2/98  | 414,525      | 4835,63719  |

| Sample    | Position (m) | Total       |
|-----------|--------------|-------------|
| 789/1/98  | 414,725      | 9549,57020  |
| 789/2/98  | 414,775      | 17974,26437 |
| 789/3/98  | 414,825      | 9427,44220  |
| 789/4/98  | 414,875      | 8402,13722  |
| 789/5/98  | 414,925      | 5801,94157  |
| 789/6/98  | 414,975      | 5970,60587  |
| 789/7/98  | 415,025      | 15900,48447 |
| 789/8/98  | 415,075      | 5755,37283  |
| 790/1/98  | 415,225      | 2801,43974  |
| 790/2/98  | 415,375      | 3088,88571  |
| 791/1/98  | 415,825      | 10019,44591 |
| 792/1/98  | 416,125      | 5067,03153  |
| 792/2/98  | 416,325      | 2613,18349  |
| 792/3/98  | 416,525      | 7710,39434  |
| 792/4/98  | 416,725      | 6109,92020  |
| 792/5/98  | 416,925      | 4064,85821  |
| 793/1/98  | 417,245      | 5011,24230  |
| 793/2/98  | 417,315      | 15255,14913 |
| 793/3/98  | 417,385      | 2542,87430  |
| 794/1/98  | 417,545      | 9809,73451  |
| 794/2/98  | 417,615      | 4980,05299  |
| 794/3/98  | 417,725      | 5618,38209  |
| 800/1/99  | 422,825      | 9322,91866  |
| 802/2/99  | 426,675      | 593,18143   |
| 803/12/99 | 429,175      | 2981,34921  |
| 804/1/99  | 432,525      | 185,21478   |

| Sample   | Position (m) | Total      |
|----------|--------------|------------|
| 806/1/99 | 433,195      | 8656,14269 |
| 808/3/99 | 434,165      | 1682,72261 |
| 810/3/99 | 435,605      | 2606,00174 |
| 811/1/99 | 438,805      | 5972,44395 |
| 813/2/99 | 440,125      | 3532,98624 |