

## SPEZZAFERRI AND OTHERS—APPENDIX 1

**Benthic Foraminifera**

| Sample number   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 21+ | 21* | 22  | 22+ | 22* | 23  | 24  | 25  | 25+ | 25* | 26  | 27  | 27+ | 27* | 28  | 29  | 30  | 30+ | 30* | 31  | 31+ | 31* | 32  | 32+ | 32* |   |   |   |   |   |   |   |   |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|---|---|---|---|---|---|
| Total (all fractions)                                   | 540 | 446 | 518 | 552 | 266 | 537 | 270 | 313 | 528 | 371 | 628 | 626 | 376 | 289 | 362 | 819 | 426 | 328 | 404 | 303 | 242 | 316 | 231 | 272 | 509 | 180 | 402 | 465 | 310 | 579 | 74  | 487 | 438 | 552 | 200 | 335 | 314 | 301 | 419 | 92  | 397 | 494 | 58  | 338 | 198 | 49  |   |   |   |   |   |   |   |   |
| <i>Ammodiscus incertus</i> (d'Orbigny)                  | 0   | 1   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 |   |   |   |   |   |
| <i>Ammolagena clavata</i> (Jones and Parker)            | 0   | 1   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 |   |   |   |
| <i>Amphycorina scalaris</i> (Batsch)                    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 |   |   |   |
| <i>Angulogerina angulosa</i> (Williamson)               | 31  | 13  | 61  | 87  | 32  | 32  | 36  | 27  | 16  | 8   | 4   | 0   | 51  | 71  | 5   | 0   | 3   | 18  | 1   | 24  | 3   | 0   | 4   | 26  | 47  | 16  | 9   | 24  | 11  | 14  | 3   | 38  | 23  | 28  | 17  | 42  | 5   | 6   | 4   | 1   | 3   | 7   | 2   | 0   | 1   | 0   | 0 | 0 |   |   |   |   |   |   |
| <i>Astronionion gallowayi</i> Loeblich and Tappan       | 16  | 49  | 9   | 1   | 3   | 0   | 1   | 2   | 0   | 1   | 1   | 0   | 1   | 3   | 7   | 2   | 4   | 10  | 19  | 1   | 1   | 1   | 3   | 2   | 3   | 2   | 16  | 8   | 2   | 8   | 0   | 2   | 6   | 13  | 5   | 2   | 2   | 4   | 5   | 3   | 15  | 16  | 2   | 1   | 0   | 0   | 0 | 0 | 0 |   |   |   |   |   |
| <i>Bathysiphon filiformis</i> M. Sars                   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 |   |   |   |
| <i>Bigenerina cylindrica</i> Cushman                    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 4   | 37  | 21  | 5   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 0   | 1   | 1   | 0   | 2   | 0   | 9   | 0 | 0 | 0 | 0 |   |   |   |   |
| <i>Bigenerina nodosaria</i> d'Orbigny                   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 |   |   |   |   |
| <i>Biloculina depressa</i> (Wiesner)                    | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 |   |   |   |
| <i>Biloculinella globula</i> (Bornemann)                | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 1   | 0   | 1   | 0   | 1   | 0   | 1   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| <i>Bolivina alata</i> (Seguenza)                        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 1 | 0 | 1 |   |   |   |
| <i>Bolivina difformis</i> (Williamson)                  | 1   | 0   | 2   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 1   | 0   | 0   | 0   | 1   | 0   | 2   | 1   | 0   | 0   | 0   | 0   | 3   | 1   | 1   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| <i>Bolivina dilatata</i> (Reuss)                        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 6   | 6   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 4   | 0   | 0   | 3   | 0   | 2   | 0   | 15  | 8   | 18  | 0 | 0 | 0 | 0 |   |   |   |   |
| <i>Bolivina pseudoplicata</i> Heron-Allen and Earland   | 1   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 4   | 0   | 0   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 0   | 2   | 4   | 0   | 1   | 0   | 2   | 0   | 0   | 0   | 0   | 1   | 1   | 0   | 0   | 0   | 1   | 1   | 0   | 0   | 0 | 0 | 1 | 0 | 0 |   |   |   |
| <i>Bolivina pseudopunctata</i> Höglund                  | 2   | 1   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 1   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 |   |   |   |
| <i>Bolivina spathulata</i> (Williamson)                 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 4   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 4   | 0   | 0   | 1   | 1   | 0   | 0   | 0   | 0   | 20  | 2 | 3 | 0 | 0 | 0 |   |   |   |
| <i>Bolivina spinescens</i> Cushman                      | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| <i>Bolivina striatula</i> (Cushman)                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| <i>Bolivina subspinescens</i> Cushman                   | 0   | 1   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 3   | 0   | 0   | 0   | 1   | 5   | 0   | 0   | 0   | 2   | 0   | 0   | 0   | 1   | 0   | 0   | 2   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| <i>Botellina labyrinthica</i> Brady                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 8   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| <i>Buccella frigida</i> (Cushman)                       | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 1   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 0   | 0   | 7   | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| <i>Buccella tenerima</i> (Bandy)                        | 1   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 1   | 0   | 0   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| <i>Bulimina aculeata</i> d'Orbigny                      | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| <i>Bulimina marginata</i> d'Orbigny                     | 0   | 0   | 0   | 5   | 1   | 3   | 0   | 0   | 1   | 0   | 1   | 2   | 0   | 28  | 8   | 15  | 26  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 0   | 1   | 0   | 2   | 37  | 15  | 7   | 2   | 4   | 15  | 3   | 21  | 16  | 1 | 0 | 0 | 0 | 0 |   |   |   |
| <i>Cassidulina carinata</i> Silvestri                   | 13  | 4   | 29  | 13  | 3   | 11  | 4   | 1   | 23  | 0   | 9   | 1   | 24  | 13  | 11  | 69  | 28  | 26  | 0   | 1   | 0   | 0   | 0   | 0   | 1   | 1   | 4   | 0   | 0   | 6   | 0   | 2   | 1   | 4   | 2   | 1   | 1   | 1   | 1   | 1   | 0   | 7   | 4   | 3   | 1   | 4   | 1 | 0 | 0 | 0 |   |   |   |   |
| <i>Cassidulina laevigata/teretis/helenaenorcrossi</i>   | 8   | 7   | 11  | 1   | 1   | 6   | 34  | 31  | 52  | 90  | 2   | 3   | 1   | 5   | 16  | 8   | 8   | 3   | 11  | 9   | 5   | 3   | 4   | 4   | 13  | 5   | 8   | 18  | 17  | 28  | 5   | 62  | 28  | 33  | 15  | 15  | 28  | 24  | 16  | 6   | 21  | 40  | 11  | 25  | 25  | 5   | 0 | 0 | 0 | 0 |   |   |   |   |
| <i>Cassidulinoides bradyi</i> (Norman)                  | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| <i>Cibicides refulgens</i> de Montfort                  | 9   | 0   | 17  | 37  | 6   | 78  | 4   | 0   | 0   | 0   | 1   | 0   | 17  | 12  | 3   | 0   | 0   | 17  | 14  | 26  | 45  | 55  | 23  | 29  | 44  | 9   | 19  | 99  | 36  | 63  | 3   | 7   | 66  | 24  | 2   | 20  | 11  | 27  | 83  | 1   | 7   | 27  | 0   | 2   | 0   | 0   | 0 | 0 | 0 | 0 | 0 |   |   |   |
| <i>Cibicides ungerianus</i> (d'Orbigny)                 | 12  | 1   | 0   | 1   | 1   | 7   | 0   | 1   | 0   | 0   | 0   | 0   | 2   | 3   | 1   | 1   | 5   | 0   | 25  | 1   | 0   | 2   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 3   | 0   | 4   | 1   | 1   | 1   | 0   | 0   | 0   | 9   | 0   | 0   | 2   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| <i>Cibicides/Cibicidoides juveniles</i>                 | 42  | 0   | 12  | 13  | 0   | 1   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 11  | 11  | 0   | 0   | 0   | 1   | 0   | 0   | 13  | 0   | 4   | 0   | 0   | 0   | 2   | 0   | 0   | 0   | 0   | 1   | 1   | 0   | 0   | 2   | 0   | 0   | 4   | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| <i>Cibicidoides aravaensis</i> (Perelis and Reiss)      | 3   | 16  | 31  | 2   | 13  | 7   | 0   | 0   | 0   | 0   | 0   | 3   | 15  | 10  | 0   | 0   | 12  | 27  | 13  | 3   | 7   | 8   | 8   | 8   | 5   | 40  | 10  | 11  | 11  | 0   | 4   | 1   | 8   | 0   | 4   | 4   | 8   | 4   | 0   | 4   | 4   | 0   | 1   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| <i>Cibicidoides mundulus</i> (Brady, Parker, and Jones) | 0   | 0   | 0   | 14  | 1   | 17  | 7   | 0   | 0   | 0   | 0   | 12  | 17  | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   | 0   | 0   | 0   | 0   | 8   | 0   | 0   | 7   | 0   | 1   | 0   | 8   | 2   | 3   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| <i>Cibicidoides pachyderma</i> Rzehak                   | 192 | 85  | 113 | 88  | 33  | 191 | 17  | 6   | 18  | 1   | 1   | 0   | 32  | 11  | 49  | 0   | 5   | 31  | 103 | 76  | 73  | 83  | 34  | 77  | 178 | 35  | 17  | 97  | 81  | 111 | 5   | 45  | 80  | 123 | 22  | 30  | 34  | 37  | 110 | 3   | 13  | 42  | 1   | 4   | 8   | 0   | 0 | 0 | 0 | 0 | 0 |   |   |   |
| <i>Cibicidoides pseudoungerianus</i> (Cushman)          | 0   | 0   | 0   | 0   | 0   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <i>Clavulina primaeva</i> Cushman                       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |   |   |   |   |   |   |   |



## Spezzaferri and other, Appendix I

|  |    |    |    |    |   |    |    |    |    |   |   |    |    |    |    |    |    |    |    |    |   |    |    |    |    |    |    |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |
|--|----|----|----|----|---|----|----|----|----|---|---|----|----|----|----|----|----|----|----|----|---|----|----|----|----|----|----|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| <i>Haplophragmoides robertsoni</i> (Brady)           | 0  | 0  | 0  | 1  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 12 | 9  | 3  | 0  | 0  | 0  | 0 | 0  | 0  | 1  | 0  | 0  | 0  | 1  | 3  | 0  | 0 | 0  | 1  | 0  | 0  | 2  | 1  | 3  | 0  | 0  | 2  | 0  | 2  | 6  | 2  |   |   |
| <i>Hoeglundina elegans</i> (d'Orbigny)               | 0  | 0  | 0  | 1  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |   |   |
| <i>Homalohedra borealis</i> (Loeblich and Tappan)    | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0 | 0  | 1  | 0  | 3  | 1  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 3  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Homalohedra williamsoni</i> (Alcock)              | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0 | 3  | 0  | 1  | 1  | 0  | 0  | 2  | 0  | 0  | 0  | 0  | 0  | 0  |    |   |   |
| <i>Hopkinsina atlantica</i> Cushman                  | 0  | 0  | 0  | 0  | 0 | 0  | 1  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 69 | 13 | 3  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 1  | 5  | 0  | 0  | 2  | 0  | 0  | 0  | 0  | 0  |    |   |   |
| <i>Hormonisella guttifera</i> (Brady)                | 0  | 0  | 1  | 0  | 0 | 0  | 1  | 1  | 9  | 5 | 2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 1 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Hormosina globulifera</i> Brady                   | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 1  | 4  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Hyalinea balthica</i> (Schröter)                  | 1  | 0  | 4  | 34 | 2 | 8  | 2  | 0  | 0  | 0 | 0 | 27 | 4  | 7  | 43 | 11 | 8  | 0  | 0  | 0  | 1 | 0  | 0  | 1  | 3  | 0  | 1  | 3  | 0  | 44 | 2 | 2  | 0  | 9  | 34 | 9  | 10 | 6  | 5  | 13 | 2  | 63 | 51 | 13 |    |   |   |
| <i>Hyperamma</i> sp.                                 | 1  | 0  | 0  | 0  | 0 | 0  | 0  | 1  | 0  | 3 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |   |   |
| <i>Hyrrokkin sarcophaga</i> Cedhagen                 | 0  | 0  | 0  | 0  | 2 | 1  | 0  | 0  | 0  | 0 | 0 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0 | 4  | 3  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 1 | 4  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |   |   |
| <i>Ioanella tumidula</i> (Brady)                     | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Karriella bradyi</i> (Cushman)                    | 0  | 0  | 1  | 0  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Labrospira canariensis</i> (d'Orbigny)            | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Labrospira crassimargo</i> (Norman)               | 0  | 0  | 1  | 0  | 1 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 4  | 0  | 4  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 |   |
| <i>Labrospira jeffreysii</i> (Williamson)            | 0  | 10 | 3  | 0  | 0 | 1  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 1  | 1  | 0  | 0  | 3  | 1  | 1  | 0  | 2 | 4  | 0  | 0  | 2  | 2  | 0  | 0  | 14 | 1  | 0  | 3  | 0  | 0  |    |   |   |
| <i>Lagena lateralis</i> Cushman                      | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 2  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Lagena meridionalis</i> Wiesner                   | 0  | 1  | 0  | 0  | 0 | 1  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Lagena striata</i> (Montagu)                      | 1  | 1  | 2  | 0  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 2  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0 | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Lagena substriata</i> Williamson                  | 0  | 0  | 0  | 1  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Lagena sulcata</i> (Walker and Jacob)             | 0  | 0  | 0  | 0  | 0 | 0  | 1  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Lagena trigonabacarinata</i> Balkwill and Millett | 0  | 0  | 0  | 0  | 1 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Lagenamma arenulata</i> (Skinner)                 | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Lagenamma fusiformis</i> (Williamson)             | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Lagenosolenia bradyiformata</i> McCulloch         | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Lenticulina gibba</i> (d'Orbigny)                 | 0  | 1  | 0  | 0  | 0 | 0  | 0  | 1  | 0  | 0 | 0 | 0  | 2  | 0  | 2  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Lenticulina inornata</i> (d'Orbigny)              | 1  | 0  | 0  | 0  | 1 | 1  | 0  | 0  | 1  | 0 | 0 | 0  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 1 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Lenticulina orbicularis</i> (d'Orbigny)           | 0  | 0  | 0  | 0  | 1 | 0  | 0  | 0  | 0  | 0 | 0 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |   |   |
| <i>Lenticulina</i> sp.                               | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Lepidodeuteramma ochracea</i> (Williamson)        | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Lobatula lobatula</i> (Walker and Jacob)          | 26 | 90 | 53 | 23 | 6 | 35 | 17 | 3  | 3  | 2 | 8 | 5  | 0  | 3  | 48 | 2  | 4  | 34 | 89 | 14 | 6 | 23 | 13 | 26 | 47 | 16 | 41 | 37 | 16 | 29 | 2 | 19 | 19 | 27 | 5  | 10 | 24 | 53 | 53 | 5  | 82 | 98 | 5  | 2  | 8  | 0 |   |
| <i>Marginulina striata</i> d'Orbigny                 | 0  | 0  | 0  | 0  | 0 | 1  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 |   |
| <i>Marsipella elongata</i> Norman                    | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 1  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 |
| <i>Melonis barleeanum</i> (Williamson)               | 17 | 16 | 8  | 18 | 9 | 4  | 35 | 60 | 72 | 8 | 2 | 0  | 11 | 14 | 27 | 16 | 20 | 19 | 20 | 2  | 2 | 4  | 6  | 6  | 8  | 7  | 27 | 10 | 12 | 16 | 2 | 15 | 15 | 15 | 9  | 10 | 19 | 10 | 26 | 18 | 18 | 58 | 8  | 8  | 17 | 1 |   |
| <i>Melonis pompilioides</i> (Fichtel and Moll)       | 0  | 0  | 2  | 7  | 0 | 0  | 7  | 0  | 0  | 0 | 0 | 0  | 34 | 13 | 48 | 17 | 1  | 0  | 0  | 0  | 1 | 0  | 0  | 3  | 3  | 0  | 1  | 0  | 25 | 2  | 0 | 0  | 0  | 35 | 22 | 17 | 2  | 42 | 16 | 5  | 4  | 3  | 0  | 0  | 0  |   |   |
| <i>Milolinella elongata</i> Kruit                    | 0  | 0  | 1  | 0  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Milolinella subrotunda</i> (Montagu)              | 1  | 10 | 3  | 0  | 6 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 1  | 0  | 0  | 0  | 4  | 4  | 2  | 0  | 5 | 3  | 4  | 5  | 8  | 0  | 0  | 2  | 3  | 0  | 2 | 0  | 2  | 1  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 0  | 0  | 0  |   |   |
| <i>Neoconorbina terquemi</i> (Rzehak)                | 0  | 0  | 1  | 0  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |
| <i>Neoepoides haidingeri</i> (d'Orbigny)             | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0 | 0 |
| <i>Nonion depressulus</i> Walker and Jacob           | 0  | 0  | 0  | 0  | 1 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 |   |
| <i>Nonion fabum</i> (Fichtel and Moll)               | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 |   |
| <i>Nonion pauperatus</i> (Balkwill and Wright)       | 2  | 0  | 0  | 0  | 2 | 0  | 0  | 0  | 0  | 0 | 0 | 0  | 1  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0 |   |
| <i>Nonionella iridea</i> Heron-Allen and Earland     | 1  | 4  | 2  | 7  | 4 | 4  | 2  | 1  | 7  | 2 | 1 | 2  | 0  | 0  | 5  | 0  | 0  | 8  |    |    |   |    |    |    |    |    |    |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |



