| **Latitudinal Zone** | **Global North** | **Global South** |
| --- | --- | --- |
| High | 372 | 1 |
| Mid | 600 | 324 |
| Low | 782 | 528 |

| **Species** | **Total** | **High** | **Mid** | **Low** |
| --- | --- | --- | --- | --- |
| Beella digitata | 1,108 | 4 | 339 | 765 |
| Beella megastoma | 12 | 12 |  |  |
| Beella praedigitata | 7 |  | 4 | 3 |
| Candeina nitida | 270 |  | 19 | 251 |
| Globigerina bulloides | 2,272 | 221 | 909 | 1,142 |
| Globigerina falconensis | 1,487 | 31 | 582 | 874 |
| Globigerina umbilicata | 8 |  | 8 |  |
| Globigerinella adamsi | 66 |  |  | 66 |
| Globigerinella calida | 1,447 | 1 | 412 | 1,034 |
| Globigerinella siphonifera | 1,787 | 5 | 524 | 1,258 |
| Globigerinita glutinata | 2,235 | 165 | 820 | 1,250 |
| Globigerinita minuta | 7 |  |  | 7 |
| Globigerinita uvula | 80 | 26 | 37 | 17 |
| Globigerinoides conglobatus | 1,077 |  | 220 | 857 |
| Globigerinoides elongatus | 5 |  | 1 | 4 |
| Globigerinoides ruber | 1,889 | 8 | 606 | 1,275 |
| Globoconella inflata | 1,574 | 112 | 842 | 620 |
| Globoconella puncticulata | 3 |  | 3 |  |
| Globoquadrina conglomerata | 334 | 2 | 14 | 318 |
| Globorotalia anfracta | 47 |  | 1 | 46 |
| Globorotalia flexuosa | 5 |  |  | 5 |
| Globorotalia tumida | 979 | 3 | 65 | 911 |
| Globorotalia ungulata | 9 |  |  | 9 |
| Globorotaloides hexagonus | 338 |  | 35 | 303 |
| Globoturborotalita rubescens | 1,067 | 1 | 264 | 802 |
| Globoturborotalita tenella | 1,175 | 1 | 279 | 895 |
| Hastigerina pelagica | 43 |  | 1 | 42 |
| Hastigerinella digitata | 29 |  | 12 | 17 |
| Hirsutella hirsuta | 825 | 12 | 454 | 359 |
| Hirsutella scitula | 1,350 | 35 | 573 | 742 |
| Hirsutella theyeri | 128 |  |  | 128 |
| Menardella menardii | 1,274 |  | 161 | 1,113 |
| Neogloboquadrina dutertrei | 1,738 | 37 | 487 | 1,214 |
| Neogloboquadrina humerosa | 1 |  | 1 |  |
| Neogloboquadrina incompta | 2,017 | 342 | 851 | 824 |
| Neogloboquadrina pachyderma | 1,455 | 358 | 717 | 380 |
| Orbulina suturalis | 10 |  | 10 |  |
| Orbulina universa | 1,709 | 28 | 631 | 1,050 |
| Pulleniatina finalis | 1 |  |  | 1 |
| Pulleniatina obliquiloculata | 1,223 |  | 159 | 1,064 |
| Pulleniatina praecursor | 1 |  |  | 1 |
| Pulleniatina primalis | 2 |  |  | 2 |
| Sphaeroidinella dehiscens | 546 |  | 37 | 509 |
| Tenuitella iota | 61 |  | 24 | 37 |
| Tenuitella parkerae | 1 |  |  | 1 |
| Trilobatus quadrilobatus | 7 |  | 7 |  |
| Trilobatus sacculifer | 1,622 | 1 | 355 | 1,266 |
| Trilobatus trilobus | 1,215 | 1 | 262 | 952 |
| Truncorotalia crassaformis | 932 | 3 | 256 | 673 |
| Truncorotalia crassula | 17 |  | 17 |  |
| Truncorotalia tosaensis | 4 |  | 1 | 3 |
| Truncorotalia truncatulinoides | 1,366 | 5 | 693 | 668 |
| Turborotalita cristata | 12 |  | 12 |  |
| Turborotalita humilis | 287 | 4 | 161 | 122 |
| Turborotalita quinqueloba | 1,277 | 276 | 667 | 334 |

| **Latitudinal Zone** | **Temperature Change** | **Surface** | **Preferred Depth** |
| --- | --- | --- | --- |
| High | warming | 3.68 [1.84, 5.51] | 3.53 [2.12, 4.95] |
| cooling | 0.21 [-0.12, 0.53] | 0.36 [0.06, 0.67] |
| Mid | warming | 0.81 [0.06, 1.57] | 0.82 [0.05, 1.58] |
| cooling | 0.32 [0, 0.64] | 0.09 [-0.24, 0.42] |
| Low | warming | 0.28 [0, 0.56] | 0.24 [-0.04, 0.53] |
| cooling | 3.28 [2.24, 4.32] | 2.66 [1.56, 3.76] |

| **Species** | **Mean [°C]** | **SD [°C]** |
| --- | --- | --- |
| Beella digitata | 22.8 | 5.6 |
| Beella megastoma | 5.0 | 2.4 |
| Beella praedigitata | 22.5 | 5.2 |
| Candeina nitida | 26.0 | 3.2 |
| Globigerina bulloides | 18.9 | 8.1 |
| Globigerina falconensis | 20.8 | 6.6 |
| Globigerina umbilicata | 2.1 | 1.5 |
| Globigerinella adamsi | 26.8 | 2.0 |
| Globigerinella calida | 23.0 | 5.7 |
| Globigerinella siphonifera | 22.9 | 5.6 |
| Globigerinita glutinata | 19.9 | 7.8 |
| Globigerinita minuta | 27.4 | 0.6 |
| Globigerinita uvula | 12.1 | 8.2 |
| Globigerinoides conglobatus | 24.6 | 4.0 |
| Globigerinoides elongatus | 25.6 | 5.5 |
| Globigerinoides ruber | 22.4 | 5.8 |
| Globoconella inflata | 17.5 | 7.3 |
| Globoconella puncticulata | 6.1 | 0.4 |
| Globoquadrina conglomerata | 26.3 | 3.1 |
| Globorotalia anfracta | 26.1 | 2.3 |
| Globorotalia flexuosa | 28.1 | 0.5 |
| Globorotalia tumida | 25.7 | 3.1 |
| Globorotalia ungulata | 26.0 | 0.8 |
| Globorotaloides hexagonus | 24.7 | 4.4 |
| Globoturborotalita rubescens | 23.6 | 4.8 |
| Globoturborotalita tenella | 23.5 | 4.7 |
| Hastigerina pelagica | 27.1 | 2.2 |
| Hastigerinella digitata | 19.4 | 5.5 |
| Hirsutella hirsuta | 19.1 | 6.4 |
| Hirsutella scitula | 19.9 | 7.2 |
| Hirsutella theyeri | 25.0 | 1.7 |
| Menardella menardii | 24.9 | 3.8 |
| Neogloboquadrina dutertrei | 22.4 | 6.4 |
| Neogloboquadrina humerosa | 16.4 |  |
| Neogloboquadrina incompta | 16.8 | 8.6 |
| Neogloboquadrina pachyderma | 13.5 | 8.2 |
| Orbulina suturalis | 13.9 | 2.0 |
| Orbulina universa | 21.4 | 6.5 |
| Pulleniatina finalis | 28.3 |  |
| Pulleniatina obliquiloculata | 25.1 | 3.8 |
| Pulleniatina praecursor | 28.8 |  |
| Pulleniatina primalis | 28.2 | 0.9 |
| Sphaeroidinella dehiscens | 26.0 | 3.3 |
| Tenuitella iota | 20.3 | 5.3 |
| Tenuitella parkerae | 24.7 |  |
| Trilobatus quadrilobatus | 18.1 | 0.8 |
| Trilobatus sacculifer | 24.2 | 4.1 |
| Trilobatus trilobus | 24.3 | 4.1 |
| Truncorotalia crassaformis | 22.3 | 5.9 |
| Truncorotalia crassula | 15.0 | 3.6 |
| Truncorotalia tosaensis | 25.1 | 6.2 |
| Truncorotalia truncatulinoides | 19.4 | 6.6 |
| Turborotalita cristata | 13.3 | 1.6 |
| Turborotalita humilis | 20.4 | 4.9 |
| Turborotalita quinqueloba | 14.0 | 7.9 |