| **Latitudinal Zone** | **Global North** | **Global South** |
| --- | --- | --- |
| High | 423 | 1 |
| Mid | 607 | 326 |
| Low | 782 | 528 |

| **Species** | **Total** | **High** | **Mid** | **Low** |
| --- | --- | --- | --- | --- |
| Beella digitata | 3,336 | 11 | 1,028 | 2,297 |
| Beella megastoma | 35 | 35 |  |  |
| Beella praedigitata | 28 |  | 16 | 12 |
| Globigerina bulloides | 6,358 | 468 | 2,536 | 3,354 |
| Globigerina falconensis | 4,384 | 75 | 1,727 | 2,582 |
| Globigerina umbilicata | 32 |  | 32 |  |
| Globigerinella adamsi | 193 |  |  | 193 |
| Globigerinella calida | 4,276 | 3 | 1,242 | 3,031 |
| Globigerinella siphonifera | 5,274 | 14 | 1,569 | 3,691 |
| Globigerinoides conglobatus | 3,186 |  | 660 | 2,526 |
| Globigerinoides ruber | 5,564 | 23 | 1,808 | 3,733 |
| Globoconella inflata | 4,442 | 254 | 2,373 | 1,815 |
| Globoquadrina conglomerata | 986 | 6 | 42 | 938 |
| Globorotalia flexuosa | 19 |  |  | 19 |
| Globorotalia tumida | 2,891 | 9 | 194 | 2,688 |
| Globorotalia ungulata | 28 |  |  | 28 |
| Globorotaloides hexagonus | 1,016 |  | 105 | 911 |
| Globoturborotalita rubescens | 3,150 | 2 | 797 | 2,351 |
| Globoturborotalita tenella | 3,485 | 3 | 852 | 2,630 |
| Hirsutella hirsuta | 2,465 | 31 | 1,356 | 1,078 |
| Hirsutella scitula | 4,000 | 90 | 1,682 | 2,228 |
| Hirsutella theyeri | 373 |  |  | 373 |
| Menardella menardii | 3,747 |  | 480 | 3,267 |
| Neogloboquadrina dutertrei | 5,141 | 110 | 1,468 | 3,563 |
| Neogloboquadrina pachyderma | 3,854 | 765 | 1,984 | 1,105 |
| Orbulina suturalis | 40 |  | 40 |  |
| Orbulina universa | 5,029 | 72 | 1,867 | 3,090 |
| Pulleniatina obliquiloculata | 3,607 |  | 476 | 3,131 |
| Sphaeroidinella dehiscens | 1,641 |  | 111 | 1,530 |
| Trilobatus sacculifer | 4,768 | 2 | 1,063 | 3,703 |
| Trilobatus trilobus | 3,595 | 2 | 794 | 2,799 |
| Truncorotalia crassaformis | 2,767 | 8 | 758 | 2,001 |
| Truncorotalia crassula | 65 |  | 65 |  |
| Truncorotalia tosaensis | 15 |  | 4 | 11 |
| Truncorotalia truncatulinoides | 3,998 | 13 | 2,012 | 1,973 |
| Turborotalita cristata | 48 |  | 48 |  |
| Turborotalita humilis | 865 | 10 | 490 | 365 |
| Turborotalita quinqueloba | 3,596 | 694 | 1,900 | 1,002 |

| **Latitudinal Zone** | **Temperature Change** | **Surface** | **Preferred Depth** |
| --- | --- | --- | --- |
| High | warming | 3.53 [2.12, 4.95] | 3.53 [2.12, 4.95] |
| cooling | 0.36 [0.06, 0.67] | 0.36 [0.06, 0.67] |
| Mid | warming | 0.82 [0.05, 1.58] | 0.82 [0.05, 1.58] |
| cooling | 0.09 [-0.24, 0.42] | 0.09 [-0.24, 0.42] |
| Low | warming | 0.24 [-0.04, 0.53] | 0.24 [-0.04, 0.53] |
| cooling | 2.66 [1.56, 3.76] | 2.66 [1.56, 3.76] |

| **Species** | **Mean [°C]** | **SD [°C]** |
| --- | --- | --- |
| Globigerinoides ruber | 24.6 | 1.0 |
| Globorotalia tumida | 24.3 | 0.9 |
| Globoturborotalita tenella | 25.9 | 1.2 |
| Hirsutella theyeri | 29.9 | 2.0 |
| Menardella menardii | 26.1 | 1.1 |
| Neogloboquadrina dutertrei | 25.0 | 1.0 |
| Pulleniatina obliquiloculata | 24.8 | 0.9 |
| Trilobatus sacculifer | 25.2 | 1.0 |
| Trilobatus trilobus | 25.1 | 1.0 |
| Globigerina bulloides | 22.3 | 1.0 |
| Globigerina falconensis | 24.1 | 1.1 |
| Globigerinella calida | 25.7 | 1.1 |
| Globigerinella siphonifera | 25.6 | 1.1 |
| Globoturborotalita rubescens | 25.0 | 1.1 |
| Neogloboquadrina pachyderma | 20.4 | 1.0 |
| Orbulina universa | 23.6 | 1.0 |
| Truncorotalia crassaformis | 25.0 | 1.3 |
| Globoconella inflata | 22.5 | 1.0 |
| Turborotalita quinqueloba | 20.6 | 1.0 |
| Hirsutella scitula | 20.5 | 0.9 |
| Globoquadrina conglomerata | 24.7 | 1.0 |
| Beella digitata | 23.8 | 0.9 |
| Globorotaloides hexagonus | 25.5 | 1.2 |
| Hirsutella hirsuta | 21.2 | 0.9 |
| Globigerinoides conglobatus | 24.5 | 0.9 |
| Globorotalia ungulata | 26.3 | 2.2 |
| Truncorotalia truncatulinoides | 21.8 | 0.9 |
| Sphaeroidinella dehiscens | 24.6 | 0.9 |
| Beella praedigitata | 28.9 | 2.3 |
| Globorotalia flexuosa | 31.8 | 4.1 |
| Globigerinella adamsi | 27.7 | 1.5 |
| Turborotalita humilis | 21.4 | 0.9 |
| Orbulina suturalis | 23.1 | 2.0 |
| Turborotalita cristata | 23.7 | 1.8 |
| Globigerina umbilicata | 18.6 | 0.9 |
| Truncorotalia crassula | 27.3 | 2.1 |
| Truncorotalia tosaensis | 21.0 | 6.1 |
| Beella megastoma | 18.9 | 1.5 |