

Table T2. Stratigraphically important taxa of planktonic foraminifers, Site 1151. (See table notes. Continued on next two pages.)

| Age | Lithologic unit | Core, section, interval (cm) | Depth (mbsf) | Preservation | Total extracted individuals | Abundance | <i>Globigerina nepenthes</i> Todd | <i>Globobulimina dehiscens</i> (Chapman, Parr, and Collins) | <i>Globobulimina ikebei</i> (Maiya, Saito, and Sato) | <i>Globobulimina inflata</i> (d'Orbigny) modern form | <i>Globobulimina inflata</i> (d'Orbigny) transitional form | <i>Globobulimina languaensis</i> Bolli | <i>Globobulimina plesiotumida</i> Blow and Banner | <i>Globobulimina punctulata</i> (Deshayes) | <i>Neoglobobulimina acostaensis</i> (Blow) (dextral) | <i>Neoglobobulimina acostaensis</i> (Blow) (sinistral) | <i>Neoglobobulimina asanoi</i> (Maiya, Saito, and Sato) | <i>Neoglobobulimina pachyderma</i> (Ehrenberg) s.l. (dextral) | <i>Neoglobobulimina pachyderma</i> (Ehrenberg) s.l. (sinistral) | <i>Neoglobobulimina praehumerosa</i> (Natori) | <i>Orbulina suturalis</i> Brönnimann | <i>Orbulina universa</i> d'Orbigny | <i>Sphaeroidinellopsis seminulina</i> (Schwager) | <i>Sphaeroidinellopsis subdehiscens</i> (Blow) | | |
|---------------|-----------------|------------------------------|--------------|--------------|-----------------------------|-----------|-----------------------------------|---|--|--|--|--|---|--|--|--|---|---|---|---|--------------------------------------|------------------------------------|--|--|---|--|
| Pleistocene | IA | 178-1151A-2R-1, 40-43 | 78.42 | G | 1418 | VA | | | | R | R | | | | | | | C | VA | | R | | | | | |
| | | 2R-3, 40-43 | 81.42 | G | 526 | VA | | | | R | R | | | | | | | | | R | | | | | | |
| | | 3R-1, 40-43 | 84.12 | M | 65 | R | | | | + | + | | | | | | | | | + | | | | | | |
| | | 3R-3, 40-43 | 87.12 | G | 841 | VA | | | | R | C | | | | | | | | | VA | R | | | R | | |
| | | 4R-1, 40-43 | 93.72 | M | 79 | R | | | | + | + | | | | | | | | | + | | | | | | |
| late Pliocene | IB | 4R-5, 40-44 | 99.72 | P | 2 | R | | | | | | | | | | | | | | | | | | | | |
| | | 5R-1, 40-43 | 103.32 | B | 0 | B | | | | | | | | | | | | | | | | | | | | |
| | | 6R-1, 42-45 | 113.04 | P | 134 | A | | | | | | | | | | | | | | VA | C | R | | | | |
| | | 7R-1, 40-42 | 122.61 | P | 14 | R | | | | | R | A | | | | | | | | + | + | | | | | |
| | | 7R-3, 40-44 | 125.62 | M | 288 | VA | | | | | | R | | | | | | | R | A | VA | | | | | |
| | | 8R-1, 41-44 | 132.23 | P | 36 | R | | | | + | + | | | | | | | | + | | | | | | | |
| | | 8R-3, 40-44 | 135.22 | M | 7 | R | | | | | | | | | | | | | + | + | | | | | | |
| | | 9R-1, 40-43 | 141.82 | M | 252 | VA | | | | R | C | | | | R | | | | C | A | A | | | | | |
| | | 9R-3, 40-43 | 144.82 | P | 10 | R | | | | + | + | | | | | | | | | | | | | | | |
| | | 10R-5, 40-44 | 157.42 | P | 216 | A | | | | | | R | | | R | | | | VA | R | R | R | | | R | |
| ? | IIA | 11R-1, 42-45 | 161.04 | B | 0 | B | | | | | | | | | | | | | | | | | | | | |
| | | 12R-1, 40-43 | 170.62 | B | 0 | B | | | | | | | | | | | | | | | | | | | | |
| | | 13R-3, 40-44 | 183.22 | B | 0 | B | | | | | | | | | | | | | | | | | | | | |
| | | 14R-1, 39-42 | 189.91 | M | 15 | R | | | | | | + | | | | | | | | + | + | | | | | |
| | | 14R-5, 39-42 | 195.91 | M | 172 | A | | | | | | A | | R | | | | | C | VA | R | R | | | R | |
| | | 15R-1, 40-42 | 199.61 | P | 10 | R | | | | | | | | | | | | | | + | + | | | | | |
| | | 15R-3, 40-42 | 202.61 | R | 29 | R | | | | | | + | | + | | | | | | + | + | + | | | | |
| | | 16R-1, 40-43 | 209.32 | M | 125 | C | | | | | | | | | | | | | | A | C | R | | | | |
| | | 16R-3, 40-43 | 212.32 | M | 121 | C | | | | | | | | | | | | | | A | R | | | | | |
| | | 16R-5, 40-44 | 215.32 | M | 34 | R | | | | | | | | | | | | | | + | | | | | | |
| | | 17R-1, 40-43 | 218.92 | B | 0 | B | | | | | | | | | | | | | | | | | | | | |
| | | 18R-1, 40-43 | 228.52 | G | 364 | VA | | | | C | | | | | R | | | | | A | R | A | R | | R | |
| | | 19R-1, 40-43 | 238.12 | B | 0 | B | | | | | | | | | | | | | | | | | | | | |
| | | 20R-1, 40-43 | 247.72 | B | 0 | B | | | | | | | | | | | | | | | | | | | | |
| | | 21R-5, 40-41 | 263.31 | M | 96 | R | | | | + | | | | | + | | | | | + | + | | + | | + | |
| 22R-1, 43-46 | 267.05 | B | 0 | B | | | | | | | | | | | | | | | | | | | | | | |
| 23R-1, 40-43 | 276.62 | B | 0 | B | | | | | | | | | | | | | | | | | | | | | | |
| 24R-1, 40-44 | 286.32 | B | 0 | B | | | | | | | | | | | | | | | | | | | | | | |
| 25R-1, 40-43 | 296.02 | B | 0 | B | | | | | | | | | | | | | | | | | | | | | | |
| 26R-1, 40-42 | 305.71 | B | 0 | B | | | | | | | | | | | | | | | | | | | | | | |
| 27R-1, 36-39 | 315.28 | B | 0 | B | | | | | | | | | | | | | | | | | | | | | | |
| 28R-1, 40-43 | 325.02 | M | 258 | VA | | | | R | | | | | | R | | | | A | R | | | | R | | | |
| 28R-3, 40-43 | 328.02 | M | 14 | R | | | | + | | | | | + | | | | | + | + | | | | | | | |
| 29R-3, 40-43 | 337.62 | P | 127 | C | | | | R | | | | | R | R | | | | A | R | R | R | | | | | |
| 29R-5, 40-44 | 340.62 | M | 303 | VA | | | | R | | | | | R | R | R | | | VA | C | R | R | | R | | | |
| 30R-5, 40-44 | 350.32 | P | 53 | R | | | | | | | | | | | | | | | + | + | | | | | | |
| 31R-5, 40-44 | 360.02 | P | 4 | R | | | | | | | | | + | | | | | | + | | | | | | | |
| 32R-1, 40-43 | 363.62 | B | 0 | B | | | | | | | | | | | | | | | | | | | | | | |
| 33R-3, 40-43 | 376.32 | P | 19 | R | | | | | | | | | | | | | | | | | | | | | | |
| 34R-1, 40-43 | 382.92 | B | 0 | B | | | | | | | | | | | | | | | | | | | | | | |
| 35R-1, 55-57 | 392.66 | G | 179 | A | | | | R | | | | | | | | | | VA | VA | R | | | R | | | |
| 35R-3, 38-40 | 395.49 | M | 93 | R | | | | | | | | | + | | | | | + | + | + | | | + | | | |

Table T2 (continued).

| Age | Lithologic unit | Core, section, interval (cm) | Depth (mbsf) | Preservation | Total extracted individuals | Abundance | <i>Globigerina neperthes</i> Todd | <i>Globobulimina dehiscens</i> (Chapman, Parr, and Collins) | <i>Globobulimina ikebei</i> (Maiya, Saito, and Sato) | <i>Globobulimina inflata</i> (d'Orbigny) modern form | <i>Globobulimina inflata</i> (d'Orbigny) transitional form | <i>Globobulimina lenguaensis</i> Bolli | <i>Globobulimina plesiotumida</i> Blow and Banner | <i>Globobulimina punctulata</i> (Deshayes) | <i>Neoglobobulimina acostaensis</i> (Blow) (dextral) | <i>Neoglobobulimina acostaensis</i> (Blow) (sinistral) | <i>Neoglobobulimina asanoi</i> (Maiya, Saito, and Sato) | <i>Neoglobobulimina pachyderma</i> (Ehrenberg) s.l. (dextral) | <i>Neoglobobulimina pachyderma</i> (Ehrenberg) s.l. (sinistral) | <i>Neoglobobulimina praehumerosa</i> (Natori) | <i>Orbulina suturalis</i> Brönnimann | <i>Orbulina universa</i> d'Orbigny | <i>Sphaeroidinellopsis seminulina</i> (Schwager) | <i>Sphaeroidinellopsis subdehiscens</i> (Blow) | |
|---------------|-----------------|------------------------------|--------------|--------------|-----------------------------|-----------|-----------------------------------|---|--|--|--|--|---|--|--|--|---|---|---|---|--------------------------------------|------------------------------------|--|--|---|
| ? | IV | 76R-5, 40-44 | 792.52 | G | 67 | R | + | | | | | | | | | | + | + | + | | | | | | |
| | | 77R-3, 40-43 | 799.12 | B | 0 | B | | | | | | | | | | | | | | | | | | | |
| | | 78R-1, 40-43 | 805.82 | G | 739 | VA | R | | | | | | R | R | | | | | R | VA | R | | R | R | |
| | | 78R-3, 40-43 | 808.82 | M | 7 | R | | | | | | | | | | | | | | | + | | | | |
| | | 79R-1, 40-43 | 815.42 | B | 0 | B | | | | | | | | | | | | | | | | | | | |
| | | 80R-1, 38-41 | 825.00 | B | 0 | B | | | | | | | | | | | | | | | | | | | |
| | | 81R-1, 39-43 | 834.61 | B | 0 | B | | | | | | | | | | | | | | | | | | | |
| | | 82R-1, 38-41 | 844.20 | B | 0 | B | | | | | | | | | | | | | | | | | | | |
| | | 84R-1, 39-43 | 863.51 | B | 0 | B | | | | | | | | | | | | | | | | | | | |
| | | 85R-1, 33-34 | 873.14 | B | 0 | B | | | | | | | | | | | | | | | | | | | |
| | | 86R-1, 42-46 | 882.74 | B | 0 | B | | | | | | | | | | | | | | | | | | | |
| | | 87R-3, 43-45 | 895.34 | M | 214 | A | R | | | | | | R | | | | | | | R | R | | | | |
| | | 88R-3, 40-43 | 905.32 | M | 5 | R | | | | | | | | | | | | | | | | | | | |
| | | 88R-5, 44-47 | 908.36 | P | 3 | R | | | | | | | | | | | | | | | | | | | |
| | | 89R-3, 40-43 | 914.62 | M | 362 | A | R | | | | | | | | | | | | | R | R | | | R | |
| | | 90R-1, 38-41 | 921.20 | B | 0 | B | | | | | | | | | | | | | | | | | | | |
| | | 91R-1, 40-43 | 930.82 | B | 0 | B | | | | | | | | | | | | | | | | | | | |
| | | 92R-3, 40-43 | 943.52 | P | 5 | R | | | | | | | | | | | | | | | | | | | |
| | | 92R-5, 40-44 | 946.52 | M | 640 | VA | R | | | | | | | R | | | | R | | R | VA | | | R | |
| | | 93R-3, 40-43 | 953.12 | M | 28 | R | + | | | | | | | R | | | | | | + | + | | | + | |
| | | 94R-1, 40-43 | 959.72 | B | 0 | B | | | | | | | | | | | | | | | | | | | |
| | | 95R-1, 40-43 | 969.32 | B | 0 | B | | | | | | | | | | | | | | | | | | | |
| | | 96R-1, 40-45 | 979.03 | P | 38 | R | | | | | | | | | | | | | | | | | | | + |
| | | 96R-3, 40-43 | 982.02 | M | 86 | R | | | | | | | | | | | | | | | | | | | |
| | | 97R-5, 40-44 | 994.62 | P | 609 | VA | R | | | | | | | C | | | | | | R | | R | R | R | |
| | | 98R-1, 28-30 | 998.09 | M | 77 | R | | | | | | | | | | | | | | | | | | | |
| | | 99R-1, 24-26 | 1007.65 | G | 24 | R | + | | | | | | | | | | | | | + | + | | | + | |
| | | 100R-1, 19-21 | 1017.20 | B | 0 | B | | | | | | | | | | | | | | | | | | | |
| | | 101R-1, 23-25 | 1026.84 | B | 0 | B | | | | | | | | | | | | | | | | | | | |
| | | 102R-1, 41-44 | 1036.63 | G | 27 | R | | | | | | | | | | | | | | | | | | | + |
| | | 103R-1, 50-52 | 1046.41 | B | 0 | B | | | | | | | | | | | | | | | | | | | |
| | | 104R-1, 40-43 | 1056.02 | B | 0 | B | | | | | | | | | | | | | | | | | | | |
| 105R-1, 40-43 | 1065.72 | B | 0 | B | | | | | | | | | | | | | | | | | | | | | |
| 106R-1, 40-43 | 1075.42 | B | 0 | B | | | | | | | | | | | | | | | | | | | | | |
| 107R-1, 30-31 | 1084.91 | B | 0 | B | | | | | | | | | | | | | | | | | | | | | |
| 108R-1, 23-24 | 1094.54 | B | 0 | B | | | | | | | | | | | | | | | | | | | | | |
| 109R-1, 41-45 | 1104.33 | B | 0 | B | | | | | | | | | | | | | | | | | | | | | |

Notes: Preservation: G = good, M = moderate, P = poor, B = barren. Middle Miocene abundance: VA = very abundant (>500 total individuals), A = abundant (>200), C = common (>100), R = rare (>0). Relative abundance of species: VA = very abundant (>20%), A = abundant (10%–19%), C = common (5%–9%), R = rare (<5%), + = present.