



Table T3. Calcareous nannofossil range chart, Holes U1344A, U1344B, U1344C, U1344D, and U1344E. (See table notes.) (Continued on next three pages.)

| Core, section | Martini (1971) zone | Abundance | Preservation | <i>Coccolithus pelagicus</i> | <i>Cyclococcolithus leptoporus</i> | <i>Cyclococcolithus leptoporus</i> (small) | <i>Dictyococcites</i> spp. (small) | <i>Dictyococcites</i> spp. (medium) | <i>Emiliania huxleyi</i> | <i>Gephyrocapsa</i> (small) | <i>Gephyrocapsa</i> (medium) | <i>Gephyrocapsa</i> (large) | <i>Pseudoemiliania lacunosa</i> | <i>Reticulofenestra minuta</i> | <i>Reticulofenestra minutula</i> | Other taxa | Comments |
|------------------|---------------------|-----------|--------------|------------------------------|------------------------------------|--|------------------------------------|-------------------------------------|--------------------------|-----------------------------|------------------------------|-----------------------------|---------------------------------|--------------------------------|----------------------------------|------------|--|
| 323-U1344A-1H-CC | | F | G | F | | | | | R | | | | | | | | Large (>4 µm) <i>Emiliania huxleyi</i> present. Reworked specimens (<i>Cruciplacolithus</i> sp., <i>Sphenolithus</i> sp.) |
| 2H-CC | | B | | | | | | | | | | | | | | | |
| 3H-CC | | B | | | | | | | | | | | | | | | |
| 4H-CC | | B | | | | | | | | | | | | | | | |
| 5H-CC | | A | G | A | R | | | | | | | | | | | | Almost all <i>Coccolithus pelagicus</i> . Also coccospheres |
| 6H-CC | | R | M-G | R | | | | | | | | | | | | | |
| 7H-CC | | B | | | | | | | | | | | | | | | |
| 8H-CC | | B | | | | | | | | | | | | | | | |
| 9H-CC | | B | | | | | | | | | | | | | | | |
| 10H-CC | | B | | | | | | | | | | | | | | | |
| 11H-CC | | B | | | | | | | | | | | | | | | |
| 12H-CC | | B | | | | | | | | | | | | | | | |
| 13H-CC | | R | M-G | R | | | | | | R | | | | | | | Reworked specimen (<i>Sphenolithus</i> spp.) |
| 14H-CC | | R | M-G | | | | | | | R | | | | | | | |
| 15H-CC | | B | | | | | | | | | | | | | | | |
| 16H-CC | | B | | | | | | | | | | | | | | | |
| 17H-CC | | B | | | | | | | | | | | | | | | |
| 18H-CC | | B | | | | | | | | | | | | | | | |
| 19H-CC | | R | G | | | | | | | R | R | | | | | | Gephyrocapsids are <i>Gephyrocapsa caribbeanica</i> type |
| 20H-CC | | B | | | | | | | | | | | | | | | |
| 21H-CC | | R | P | | | | | | | R | | | | | | | Small authigenic minerals, tubular shape |
| 22H-CC | | R | M-G | R | | | | | | R | | | | | | | |
| 23H-CC | | B | | | | | | | | | | | | | | | |
| 24H-CC | | R | M | | | | | | | R | | | | | | | |
| 25H-CC | | R | P | | | | | | | R | | | | | | | |
| 26H-CC | | B | | | | | | | | | | | | | | | |
| 27H-CC | | R | M | R | | | | | | R | | | | | | | |
| 28X-CC | | R | M | | | | | | | R | R | | | | | | |
| 29X-CC | | R | P | | | | | | | R | | | | | | | |
| 30X-CC | | B | | | | | | | | | | | | | | | |
| 31X-CC | | B | | | | | | | | | | | | | | | |
| 32X-CC | | B | | | | | | | | | | | | | | | |
| 33X-CC | | B | | | | | | | | | | | | | | | |
| 34X-CC | | B | | | | | | | | | | | | | | | |
| 35X-CC | | B | | | | | | | | | | | | | | | |
| 36X-CC | | R | M | | | | R | | | R | | | | | | | |
| 37X-CC | | B | | | | | | | | | | | | | | | |
| 38X-CC | | R | M | | | | R | | | R | | | | | | | |
| 39X-CC | | B | | | | | | | | | | | | | | | |



Table T3 (continued). (Continued on next page.)

| Core, section | Martini (1971) zone | Abundance | Preservation | <i>Coccolithus pelagicus</i> <i>Cydococcolithus leptoporus</i> <i>Cydococcolithus leptoporus</i> (small) <i>Dictyococcites</i> spp. (small) <i>Dictyococcites</i> spp. (medium) <i>Emiliania huxleyi</i> <i>Gephyrocapsa</i> (small) <i>Gephyrocapsa</i> (medium) <i>Gephyrocapsa</i> (large) <i>Pseudoemiliania lacunosa</i> <i>Reticulofenestra minuta</i> <i>Reticulofenestra minutula</i> | Other taxa | Comments |
|---------------|---------------------|-----------|--------------|--|------------|--|
| 40X-CC | | B | | | | |
| 41X-CC | | B | | | | |
| 42X-CC | | B | | | | |
| 43X-CC | | B | | | | |
| 44X-CC | | B | | | | |
| 45X-CC | | B | | | | |
| 46X-CC | | R | P | | R | |
| 47X-CC | | B | | | | |
| 48X-CC | | B | | | | Reworked coccoliths, highly calcified, unidentifiable |
| 49X-CC | | B | | | | Authigenic minerals, rhomboid shape, high birefringence |
| 50X-CC | | B | | | | |
| 51X-CC | | R | M | R | | Authigenic minerals, rhomboid shape, high birefringence |
| 52X-CC | | B | | | | Authigenic minerals, rhomboid shape, high birefringence |
| 53X-CC | | B | | | | Authigenic minerals, rhomboid shape, high birefringence |
| 54X-CC | | B | | | | Authigenic minerals, rhomboid shape, high birefringence |
| 55X-CC | | B | | | | |
| 56X-CC | | B | | | | Authigenic minerals, rhomboid shape, high birefringence |
| 57X-CC | | B | | | | |
| 58X-CC | | B | | | | |
| 59X-CC | | R | P | | R | |
| 60X-CC | | R | P | | R | |
| 61X-CC | | B | | | | |
| 62X-CC | | B | | | | |
| 63X-CC | | B | | | | |
| 64X-CC | | B | | | | |
| 65X-CC | | B | | | | Rhomboidal minerals with high birefringence, also very thin, low birefringence acicular minerals |
| 66X-CC | | — | | | | No recovery |
| 67X-CC | | — | | | | No recovery |
| 68X-CC | | B | | | | Reworked specimen (unidentifiable) |
| 69X-CC | | B | | | | Rhomboid minerals of small size and acicular minerals of large size |
| 70X-CC | | B | | | | |
| 71X-CC | | B | | | | Well-formed rhomboid minerals with high birefringence, up to >10 µm long |
| 72X-CC | | B | | | | |
| 73X-CC | | B | | | | Well-formed rhomboid minerals with high birefringence, up to 6 µm long |
| 74X-CC | | B | | | | |
| 75X-CC | | B | | | | |
| 76X-CC | | B | | | | |
| 77X-CC | | R | M | R | | |
| 78X-CC | | B | | | | Authigenic minerals, acicular shape, low birefringence |
| 79X-CC | | B | | | | |



Table T3 (continued). (Continued on next page.)

| Core, section | Martini (1971) zone | Abundance | Preservation | <i>Coccolithus pelagicus</i> | <i>Cyclodoccolithus leptoporus</i> | <i>Cyclodoccolithus leptoporus</i> (small) | <i>Dictyococcites</i> spp. (small) | <i>Dictyococcites</i> spp. (medium) | <i>Emiliana huxleyi</i> | <i>Gephyrocapsa</i> (small) | <i>Gephyrocapsa</i> (medium) | <i>Gephyrocapsa</i> (large) | <i>Pseudoemiliana lacunosa</i> | <i>Reticulofenestra minuta</i> | <i>Reticulofenestra minutula</i> | Other taxa | Comments | |
|------------------|---------------------|-----------|--------------|------------------------------|------------------------------------|--|------------------------------------|-------------------------------------|-------------------------|-----------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|----------------------------------|------------|---|--|
| 323-U1344B-1H-CC | NN21 | R | M-G | R | | | | | R | | | | | | | | Large (>4 µm) <i>Emiliana huxleyi</i> present | |
| 323-U1344C-1H-CC | NN21 | F | M-G | F | | | | | R | | | | | | | | | |
| 2H-CC | | B | | | | | | | | | | | | | | | | |
| 3H-CC | | B | | | | | | | | | | | | | | | | |
| 4H-CC | | R | M | | | | | | | | R | | | | | | | |
| 323-U1344D-1H-CC | NN21 | R | G | R | | | | | | | | | | | | | | |
| 2H-CC | | R | G | R | R | | | | | | | | | | | | | |
| 3H-CC | | B | | | | | | | | | | | | | | | | |
| 4H-CC | | R | M | | | R | | | | R | | | | | | | | |
| 5H-CC | | R | M-G | R | | | | | | | | | | | | | | |
| 6H-CC | | R | M-G | R | | | | | | | | | | | | | | Well-formed rhomboid minerals with medium to high birefringence, up to 6 µm long |
| 7H-CC | | R | G | R | | | | | | | | | | | | | | |
| 8H-CC | | B | | | | | | | | | | | | | | | | |
| 9H-CC | | B | | | | | | | | | | | | | | | | |
| 10H-CC | | B | | | | | | | | | | | | | | | | Reworked specimen (unidentifiable) |
| 11H-CC | | B | | | | | | | | | | | | | | | | Reworked specimen (unidentifiable) |
| 12H-CC | | B | | | | | | | | | | | | | | | | |
| 13H-CC | | B | | | | | | | | | | | | | | | | |
| 14H-CC | | B | | | | | | | | | | | | | | | | Authigenic minerals, acicular and tubular shape, low birefringence |
| 15H-CC | | B | | | | | | | | | | | | | | | | |
| 16H-CC | | B | | | | | | | | | | | | | | | | |
| 17H-CC | | B | | | | | | | | | | | | | | | | |
| 18H-CC | | B | | | | | | | | | | | | | | | | |
| 19H-CC | | R | M | R | R | | | | | | | | | | | | | |
| 20H-CC | | R | M | R | | | | | | | R | R | | | | | | |
| 21H-CC | | B | | | | | | | | | | | | | | | | |
| 22H-CC | | F | M-G | | | | | | | | R | R | | | | | | Authigenic minerals, acicular shape, low birefringence Gephyrocapsids are <i>Gephyrocapsa caribbeanica</i> type |
| 23H-CC | | R | M | | | | | | | | | R | | | | | | |
| 24H-CC | | B | | | | | | | | | | | | | | | | |
| 25H-CC | | R | P | | | | | | | | | R | | | | | | |
| 26H-CC | | B | | | | | | | | | | | | | | | | |
| 27H-CC | | B | | | | | | | | | | | | | | | | |
| 28H-CC | | R | M-G | | | | | | | | | R | | | | | | Authigenic minerals, acicular shape, low birefringence |
| 29H-CC | | B | | | | | | | | | | | | | | | | |
| 30H-CC | | B | | | | | | | | | | | | | | | | |
| 31H-CC | | B | | | | | | | | | | | | | | | | |
| 32H-CC | | R | M-G | | | | R | | | | | | | | | | | |



Table T3 (continued).

| Core, section | Martini (1971) zone | Abundance | Preservation | <i>Coccolithus pelagicus</i> | <i>Cyclodoccolithus leptoporus</i> | <i>Cyclodoccolithus leptoporus</i> (small) | <i>Dictyococcites</i> spp. (small) | <i>Dictyococcites</i> spp. (medium) | <i>Emiliania huxleyi</i> | <i>Gephyrocapsa</i> (small) | <i>Gephyrocapsa</i> (medium) | <i>Gephyrocapsa</i> (large) | <i>Pseudoemiliania lacunosa</i> | <i>Reticulofenestra minuta</i> | <i>Reticulofenestra minutula</i> | Other taxa | Comments |
|------------------|---------------------|-----------|--------------|------------------------------|------------------------------------|--|------------------------------------|-------------------------------------|--------------------------|-----------------------------|------------------------------|-----------------------------|---------------------------------|--------------------------------|----------------------------------|---------------------------|--|
| 323-U1344E-1H-CC | | R | M-G | R | | | | | | | | | | | | | |
| 2H-CC | | R | M | R | | | | | | | | | | | | | |
| 3H-CC | | R | M | | | | | | | | | | | | | | |
| 4H-CC | | B | | | | | | | | R | | | | | | | |
| 5H-CC | | B | | | | | | | | | | | | | | | |
| 6H-CC | | A | M | A | R | | | | | R | R | | | | | | Dissolution and overgrowth. Scattered large acicular minerals, low birefringence |
| 7H-CC | | B | | | | | | | | | | | | | | | |
| 8H-CC | | B | | | | | | | | | | | | | | | |
| 9H-CC | | F | M | F | | | | | | | | | | | | | |
| 10H-CC | | F | M-G | F | | | | | | | | | | | | <i>Syracosphaera</i> spp. | No recovery |
| 11H-CC | | — | | | | | | | | | | | | | | | |
| 12H-CC | | B | | | | | | | | | | | | | | | |
| 13H-CC | | B | | | | | | | | | | | | | | | |
| 14H-CC | | R | M-G | | R | | | | | | | | | | | | |
| 15H-CC | | F | P | | F | R | | | | R | F | | | | | | Authigenic minerals, acicular shape, low birefringence |
| 16H-CC | | B | | | | | | | | | | | | | | | |
| 17H-CC | | F | M-G | R | | | | | | R | F | | | | | | |
| 18H-CC | | B | | | | | | | | | | | | | | | |
| 19H-CC | | B | | | | | | | | | | | | | | | |
| 20H-CC | | A | M-G | R | | | | | | C | F | | | C | F | | |
| 21H-CC | | B | | | | | | | | | | | | | | | |
| 22H-CC | | B | | | | | | | | | | | | | | | |
| 23H-CC | | B | | | | | | | | | | | | | | | |

Notes: Abundance: A = abundant, C = common, F = few, R = rare, B = barren. Preservation: G = good, M = moderate, P = poor.