

INDEX TO VOLUME 159

This index covers both the *Initial Reports* and *Scientific Results* portions of Volume 159 of the *Proceedings of the Ocean Drilling Program*. References to page numbers in the *Initial Reports* are preceded by “A” with a colon (A:) and to those in the *Scientific Results* (this book) by “B” with a colon (B:). In addition, reference to material on CD-ROM is shown as “bp:CD-ROM.”

The index was prepared by Earth Systems, under subcontract to the Ocean Drilling Program. The index contains two hierarchies of entries: (1) a main entry, defined as a keyword or concept followed by a reference to the page on which that word or concept appears; and (2) a subentry, defined as an elaboration on the main entry followed by a page reference.

The index is presented in two parts: (1) a Subject Index and (2) a Taxonomic Index. Both parts cover text, figures, and tables but not core-description forms (“barrel sheets”), core photographs, smear-slide data, or CD-only tables. Also excluded from the index are bibliographic references, names of individuals, and routine front and back matter.

The Subject Index follows a standard format. Geographic, geologic, and other terms are referenced only if they are subjects of discussion. A site chapter in the *Initial Reports* is considered the principal reference for that site and is indicated on the first line of the site’s listing in the index. Such a reference to Site 959, for example, is given as “Site 959, A:65–150.”

The Taxonomic Index is an index relating to significant findings and/or substantive discussions, not of species names *per se*. This index covers three varieties of information: (1) individual genera and species that have been erected or emended formally, (2) biostratigraphic zones, and (3) fossils depicted in illustrations. A taxonomic entry consisting of both genus and species is listed alphabetically by genus and also by species. Biostratigraphic zones are listed alphabetically by genus; zones with letter prefixes are listed under “zones.”

For further information, including available electronic formats, contact the Chief Production Editor, Ocean Drilling Program, 1000 Discovery Drive, College Station, Texas 77845-9547, U.S.A., e-mail: pub_production@ODP.TAMU.EDU

VOLUME 159 SUBJECT INDEX

- Abakaliki uplift
 sedimentary instability, B:95
 thermal history, B:97–99
- accretionary centers, transform faults, B:47
- accumulation rates
 datum levels, A:97
 grain size, B:594
 marine organic carbon, B:570
 terrigenous organic carbon, B:570–571
 vs. age, B:569, 588
See also sedimentation rates
- accumulation rates, mean, Pliocene–Pleistocene, B:562–563
- acetic acid. *See* furfural + acetic acid/pyrrol ratio
- acoustic impedance, vs. traveltime, B:229, 236, 240
- acoustic units
 transform faults, A:9–10
See also velocity
- acritarchs, depth and recovery, B:283
- Africa
 accumulation rates, B:600
 geodynamics, B:46–47
 paleopoles, B:203
- Africa W
 continental margin, A:5–16
 monsoons, B:554
- Afropollis*. *See* Pre-Albian West Early Cretaceous *Dicheiropollis etruscus/Afropollis* Province
- age
 deformation, B:35–41
 sediments, B:181–186
 thermal history, B:43–48
 transform faults, A:10–11
See also geochronology
- age models, Miocene–Pliocene, B:540–541
- age vs. depth
 Site 959, A:97; B:537, 560, 587
 Site 960, A:185
 Site 962, A:277
- agglutinated foraminifers. *See* foraminifers, deep-water agglutinated
- Albian
 biostratigraphy, B:489
 calcareous nannofossils, B:325–326
 clastic wedges, B:19
 deformation, B:35–41
 lithologic units, A:82–83, 282
 marginal ridges, B:76–78
 paleomagnetism, B:204
 paleotemperature, B:64
 periplatform deposits, B:102–103
 planktonic foraminifers, B:336–338
 rifting, B:115–116
 sedimentary instability, B:95
 soft sediment deformation, B:17
 spreading centers, B:65–66
 thermal events, B:46, 105, 108
 transform faults, A:10–11
See also Pre-Albian West Early Cretaceous *Dicheiropollis etruscus/Afropollis* Province
- Albian, upper, sediments, B:125–131
- Albian–Cenomanian *Elaterates* Province, microfloral provinces, B:254, 261–262
- alkalinity
 organic matter, A:194
 pore water, A:243, 284
 vs. depth, A:110, 194, 285
- allochems, photomicrograph, A:171
- aluminum, chlorite-mica stacks, thermal history, B:97
- aluminum logs, evaluation, B:174
- aluminum number, chromian spinel, B:134, 136
- aluminum oxide, green grains, B:593–594
- ammonium
 organic matter, A:194
 pore water, A:243, 284
 vs. depth, A:110, 194, 244, 285
- amorphous organic matter, Site 959, B:318
- anchimetamorphism, thermal history, B:97–98
- Angola Basin, planktonic foraminifers, B:337–338
- anisotropy
 sediments, A:199, 249, 288; bp:CD-ROM
 vs. depth, A:115, 199, 249, 289
See also magnetic anisotropy
- ankerite, sediments, A:244
- anoxic environment 3, 2
 passive margins, A:234
 sulfur isotopes, B:127, 129–131
See also Oceanic Anoxic Event; pre-Oceanic Anoxic Event 1d
- Antarctic Bottom Water, sediments, B:587–588
- Antarctic Intermediate Water, sediments, B:587–588
- apatite
 fission-track data, B:35–41, 43–48, 105
 X-ray diffractograms, A:170
- Aptian
 biostratigraphy, B:489
 deformation, B:35–41
 heating, B:46
 sedimentary instability, B:95
 sedimentation, B:108–109
- aragonite, photomicrograph, A:171
- Asu River Group, slump folds, B:99
- Atlantic Ocean E. *See* Eastern Atlantic Basin; Equatorial Atlantic Gateway; Pacific/Atlantic-type mixture
- Atlantic Ocean E, equatorial
 benthic foraminifers, B:347–359, 389–411, 433–444, 605–610
 biostratigraphy, B:533–538
 calcareous nannofossils, B:421, 424, 509–523
 continental margin, A:5–16
 Mesozoic, B:481–490
 Miocene–Pliocene hydrography, B:539–555
 planktonic foraminifers, B:335–345, 445–479
 Pliocene–Pleistocene, B:557–583
 radiolarians, B:363–373
- Atlantic Ocean SE, planktonic foraminifers, B:337
- atmospheric circulation, vegetation zones, B:558–559
- authigenesis
 paleoenvironment, A:175–176
 palygorskite, B:106, 148–150
 sediments, A:311
- azimuth
 bedding, A:121–122, 309
 vs. depth, A:118, 122; B:85
See also bedding azimuth; fault azimuth; fracture azimuth
- Bajocian, lithologic units, A:228–231
- ball-and-pillow structures, photograph, A:174
- barite
 lithologic units, A:166
 mineralization, B:17
 photograph, A:81–82, 229
 scanning electron micrograph, B:155–156
 veins, B:4–5
 X-ray diffraction data, B:146
- barite nodules
 lithologic units, A:166
 palygorskite, B:149
 photograph, A:168; B:69
 scanning electron micrograph, B:154
 X-ray diffractograms, A:169
- barite veins
 deformation, B:14
 sediments, A:100–101
 sketch, A:101
- basalts. *See* intraplate basalts
- basement, metamorphic rocks, B:94, 120
- basins
 extension tectonics, B:96
 marginal ridges, B:41
 paleoenvironment, A:175–176
 palygorskite, B:148–149
See also sedimentary basins
- basins, syntransform, transform faults, A:299–305
- bathymetry
 transform faults, A:47–48, 61
See also paleobathymetry
- bedding
 deformation, A:309
 dip, A:98, 121–122, 279; B:8
 ooze and chalk, A:97–98
 porcellanite, A:238–239
 structure, A:185–186, 238–239, 278
See also cross bedding; cross laminations; graded bedding
- bedding, lenticular, photograph, A:268
- bedding azimuth, vs. depth, B:85, 87, 89
- bedding dips
 clastic wedges, B:19
 Lower Cretaceous, B:16–17
 magnetic fabric, B:196
 sediments, B:16
 vs. age, B:9
 vs. depth, B:9, 85, 87, 89
- bedding planes, Formation MicroScanner imaging, B:88
- Benguela Current, transform faults, A:14
- Benue Trough
 Cretaceous, B:93–99
 extension tectonics, B:96–97
 stratigraphy, B:95
- benzene/luene ratio
 biomarkers, B:599
 vs. depth, B:599
- berthierine, X-ray diffraction data, A:77
- bioclasts
 lithologic units, A:168–170
 photomicrograph, A:171
- biofacies
 benthic foraminifers, B:402
See also lithofacies; palynofacies
- biogenic materials, lithologic units, A:231
- biogeography. *See* paleobiogeography
- biomarkers, organic matter, B:595–599
- biosiliceous deposition, lithologic units, A:233–234, 267–270
- biosiliceous event, Oligocene–early Miocene, A:312

biostratigraphic datums

- accumulation rates, A:278
- vs. depth, A:185
- biostratigraphy
 - benthic foraminifers, B:347–359, 375–411, 433–444, 605–610
 - calcareous nannofossils, B:320–329, 413–431, 509–523
 - correlation, A:87–88
 - Cretaceous–Paleocene, B:253–318
 - Mesozoic, B:481–490
 - ostracodes, B:525–531
 - planktonic foraminifers, B:335–345
 - Pliocene–Pleistocene, B:533–538
 - radiolarians, B:363–373
 - silicoflagellates, B:493–508
 - Site 959, A:87–93
 - Site 960, A:177–182
 - Site 961, A:234–238
 - Site 962, A:270–274
 - transform faults, A:14, 311–313
- bioturbation
 - lithologic units, A:227
 - photograph, A:77, 79, 81, 232
 - See also* burrows; *Chondrites*; *Ophiomorpha*; *Planolites*; *Thalassinoides*; *Zoophycos*
- biozones, remanent magnetization, A:274–275
- black–brown fragment, Site 959, B:318
- black debris, Site 959, B:318
- black shale
 - structure, B:14
 - transform faults, A:12
- blebs, photograph, B:69
- block structures, tectonics, B:19–20
- borehole breakouts, stress, B:212–213, 215
- borehole deviation, vs. depth, A:118, 203, 292
- borehole elongation, vs. depth, A:121
- Brazil Current, ocean circulation, B:549–551
- breccia
 - hydrothermal alteration, B:98
 - lithologic units, A:266
 - photograph, A:170, 173, 189, 265, 304
 - See also* chert breccia; tectonic breccia
- breccia, calcite-cemented, photograph, A:281
- brecciation
 - Cretaceous, B:14, 16
 - photograph, A:230, 233
 - sandstone, A:188
 - unconformities, B:5
 - veins, A:280–281
- Brunhes Chron, sediments, B:600
- burial depths, thermal diagenesis, B:62–66
- burrow fills, photograph, B:67
- burrows
 - bedding, A:186
 - Coniacian–Eocene, B:117–119
 - lithologic units, A:75–77, 163–166, 228
 - lithology, B:587–588
 - photograph, A:79, 81–82, 99, 164–165; B:589
 - sediments, A:306
 - See also* bioturbation; *Chondrites*
- calcispheres, scanning electron micrograph, continental margin, B:153
- calcite
 - photograph, A:83, 233, 269, 304; B:31
 - precipitation, B:155
 - vein fills, B:4
 - veins, A:303
 - X-ray diffractograms, A:168, 177
- calcite cement
 - lithologic units, A:231
 - photograph, A:231
 - photomicrograph, A:171

calcite veins

- claystone, A:240; B:6–7
- deformation, B:5–6, 106
- faults, A:279
- geochemistry, B:71–79
- Lower Cretaceous, B:17
- mineralogy, A:186
- photograph, A:266, 280
- sediments, B:16
- structure, A:280–281
- calcium
 - pore water, A:110, 194–195, 244, 285
 - vs. depth, A:110, 194, 245, 285, 311
- caliper logs, vs. depth, A:118, 121, 202–203, 206, 290; B:211, 214–216, 245
- Campanian
 - biostratigraphy, B:279
 - foraminifers, B:391–392
 - subsidence, B:106
 - transform faults, A:12
 - See also* Lower Campanian Event
- carbon, sediments, A:104–105, 242, 282
- carbon, marine organic
 - accumulation, B:570
 - vs. age, B:569
- carbon, organic
 - Neogene, A:310
 - Pliocene–Pleistocene variations, B:557–574
 - Rock-Eval pyrolysis, A:107
 - sediments, A:102–108, 189–190, 242–244, 269–270, 281–283, 306
 - vs. age, B:564
 - vs. depth, A:106, 192, 242, 282; B:564, 590–591
- carbon, terrigenous organic, accumulation, B:570–571
- carbon, total organic
 - Rock-Eval pyrolysis, A:193
 - vs. age, B:568
- carbon/nitrogen ratio
 - organic matter, A:103, 105–106, 190–192, 243
 - Pliocene–Pleistocene variations, B:564–568
 - sediments, A:104–105, 282–284, 310
 - vs. age, B:568
 - vs. depth, A:106, 192, 242, 282
- carbon dioxide. *See* water–methane–carbon dioxide
- carbon isotopes
 - calcite veins, B:73–79
 - foraminifers, B:549
 - vs. age, B:548–549, 568
 - vs. age for *Cibicides wuellerstorfi*, B:549
 - vs. age for *Globigerinoides sacculifer*, B:550
 - vs. age for *Neogloboquadrina dutertrei*, B:550
 - vs. depth, B:540
 - vs. oxygen isotopes, B:74–77
- carbonate compensation depth
 - biostratigraphy, B:489
 - Cenomanian, B:105
 - foraminifers, B:391–393
 - lithologic units, A:267, 282
 - Pliocene, A:313
- carbonate content
 - Pliocene–Pleistocene, B:563–564
 - sediments, A:102–103, 189–190, 242–243, 281–282; B:589–592
 - vs. depth, A:106, 192, 242, 282; B:249, 564, 590–591
- carbonate crisis, middle Miocene, A:312–313
- carbonate rhombs, Neogene, A:308
- carbonates
 - cyclic processes, B:569–570
 - diagenesis, A:110–111, 194–195
 - environment, B:77

- Pliocene–Pleistocene, B:557–574
- sediments, A:242–243
- transform faults, A:305–306
- See also* aragonite; calcite; dolomite; siderite
- cementation, temperature, B:74–76
- cements
 - isotopes, B:73–76
 - See also* calcite cement
- Cenomanian
 - biostratigraphy, B:489
 - calcareous nannofossils, B:325–326
 - carbonate compensation depth, B:105
 - deformation, B:18
 - paleotemperature, B:64
 - periplatform deposits, B:102–103
 - spreading centers, B:65–66
 - thermal events, B:105
 - transform faults, A:12
 - See also* Albian–Cenomanian *Elaeterates* Province; Early Cretaceous–Cenomanian *Trisaccates* Province
- Cenomanian/Turonian boundary, thermal events, B:105
- Cenomanian/Turonian Boundary Event
 - benthic foraminifers, B:375–376
 - paleoenvironment, B:488
- Cenozoic
 - passive margins, B:20
 - planktonic foraminifers, B:445–479
 - transform faults, A:10–11
 - See also* Cretaceous/Tertiary boundary; Neogene; Paleogene; Pleistocene; Quaternary
- Cenozoic, upper, calcareous nannofossils, B:509–523
- Cerebropollenites*. *See* Early Cretaceous *Cerebropollenites* Province
- chalcedony
 - vein fills, B:4
 - veins, A:101
- chalk
 - deformation, B:5–6
 - lithologic units, A:163–166
 - Paleocene, A:307
 - photograph, A:77
 - See also* limestone
- chalk, micrite, lithologic units, A:166–168
- chalk, micrite–nannofossil, lithologic units, A:227
- chalk, nannofossil, lithologic units, A:77–78, 80
- chalk, nannofossil–foraminifer, lithologic units, A:75–77
- chalk, radiolarian nannofossil/micrite, lithologic units, A:164–166
- chaotic sediments, photograph, A:167
- chert
 - lithologic units, A:78, 164–166, 227, 264–266
 - microfolds, A:280
 - paleoenvironment, A:176; B:105
 - photograph, A:228, 265
 - unconformities, B:16–17
- chert breccia, veined, photograph, A:266
- chloride, pore water, A:109, 193, 243, 284
- chlorite
 - diagenesis, A:303, 305
 - lithologic units, A:233
 - recrystallization, B:97
 - thermal diagenesis, B:57–63
 - thermal history, B:97–98
- Chondrites*
 - bedding, A:186
 - Coniacian, A:306
 - lithologic units, A:77–78, 80, 98, 164–166, 228
 - Neogene, A:308

- photograph, A:79, 99, 164–165
 chromium number
 chromian spinel, B:134, 136
 vs. magnesium number, B:137
 vs. titanium oxide, B:137
 Chron 3A, magnetostratigraphy, A:276
 Chron C2An.3n, sediments, A:94
 Chron C2r, sediments, A:94
 clastic dikes, photograph, A:172; B:68
 clastic wedges, transform margins, B:19
 clastics
 environment, B:77
 See also siliciclastics
 clasts
 photograph, A:173, 233
 See also barite nodules; bioclasts; lithic clasts;
 mudstone intraclasts; quartz clasts;
 sandstone clasts; siltstone clasts
 clasts, rip-up, photograph, A:84–85
 clathrates
 melting, B:51
 See also gas hydrates
 clay
 diagenesis, A:303, 305
 lithologic units, A:77–78, 80, 264–266
 Neogene, A:308–309
 paleomagnetism, B:201, 203
 sediments, B:590
 thermal diagenesis, B:57–65
 thermal maturation, B:105
 X-ray diffractograms, A:170, 177
 clay, goethitic, photograph, A:264
 clay, palygorskite, lower Eocene, B:141–156
 clay, pyritic, lithologic units, A:261–264
 clay, silty, lithologic units, A:261–264
 clay content, vs. depth, B:231
 clay minerals
 lithologic units, A:229–231
 sediments, B:592–593
 temperature, B:39
 vs. depth, B:592
 X-ray diffraction data, A:77
 See also gibbsite; illite; kaolinite;
 kaolinite/illite ratio; mixed-layer
 minerals; montmorillonite;
 palygorskite; quartz/kaolinite ratio;
 sepiolite; smectite
 claystone
 Coniacian–Eocene, B:117–119
 décollement structures, B:28
 deformation, B:6–7
 deposition, A:308
 Eocene, B:421
 lithologic units, A:78, 164–166, 170–174,
 261–264, 266–267
 osmium isotopes, B:185–186
 Paleocene, B:118
 palygorskite, B:10
 photograph, A:60; B:69
 pyrite, B:5
 rifting, B:115–116
 thermal diagenesis, B:57–58
 thermal history, B:97–98
 X-ray diffractograms, A:168, 264–265
 claystone, black
 bedding, 186
 deposition, B:73
 lithologic units, A:80–81
 paleomagnetism, B:203
 photograph, A:81, 85, 102; B:67
 claystone, carbonate
 Albian, B:16–17
 photograph, A:99
 claystone, glauconite
 lithologic units, A:166–168
 photograph, A:167
 structure, B:16
 claystone, micritic, photograph, A:268
 claystone, nannofossil
 lithologic units, A:227
 photograph, A:167
 sediments, A:306
 claystone, palygorskite
 lithologic units, A:166, 264–266
 photograph, A:168, 229
 claystone, radiolarian, lithologic units, A:264–266
 claystone, sideritic, lithologic units, A:170–173
 claystone, silty
 Albian, B:117
 lithologic units, A:82–83, 228–231
 paleomagnetism, B:204
 photograph, A:173–174
 claystone, zeolite
 lithologic units, A:227
 X-ray diffractograms, A:228
 cleavage
 clays, B:6
 décollement structures, B:28
 Lower Cretaceous, B:18
 photograph, B:33
 recrystallization, B:97
 clinoptilolite
 paleoenvironment, A:176
 vs. depth, B:590
 X-ray diffraction, A:177, 228
 cluster analysis
 original log curves, B:162–164
 principal component scores, B:164–165
 cluster analysis, hierarchical, geochemical logs,
 B:177–178
 cluster analysis, nonhierarchical, well logging,
 B:161–165
 coarse fraction, sediments, B:591–592
 coercivity, sediments, A:94–95
 color banding
 lithologic units, A:75–77, 227
 photograph, A:77
 compression
 continent/ocean margin, B:102
 décollement structures, B:29
 compressional structures, bedding-parallel, folds,
 A:279
 compressional wave velocity
 comparison between continuous and discrete
 measurements, A:200
 sediments, A:197, 199, 246, 249, 287–288;
 bp:CD-ROM
 vs. depth, A:119; B:211
 See also acoustic units; velocity
 concretions. *See* clasts; siderite concretions
 conglomerate
 Albian, A:103; B:14
 photograph, A:83
 structure, B:14, 16
 Coniacian
 benthic foraminifers, B:379
 biostratigraphy, B:278–279, 489
 clays, B:63
 foraminifers, B:393
 lithologic units, A:80–81, 166–170
 marginal ridges, B:76–78
 paleomagnetism, B:203–204
 paleotopography, B:106
 periplatform deposits, B:102–103
 planktonic foraminifers, B:335, 338
 continent/ocean margin, geodynamics, B:101–110
 continent/ocean transforms
 Cenomanian–Coniacian, B:116–117
 Stage 2, B:105–106, 292
 continental margin
 geodynamics, B:46–47
 geology, A:5–16, 297–313
 tectonics, B:3–11
 See also margin subsidence; marginal ridges;
 passive margins; transform margins
 contourite, photograph, B:21
 convolute bedding
 claystone, A:188
 photograph, A:102
 rheology, B:17
 sandstone, A:101
 sediments, A:240–241; B:16
 cooling, thermal events, B:105
 core-log comparison, physical properties,
 B:241–249
 core orientation
 magnetism, A:94
 sediments, A:275–276
 cores, tensor tool orientations, A:94
 correlation
 biostratigraphy, A:87–88, 181
 See also linear correlation
 Côte d'Ivoire-Ghana continental margin
 benthic foraminifers, B:375–388
 calcareous nannofossils, B:413–431, 509–523
 chromian spinels, B:133–139
 Cretaceous, B:93–99
 décollement structures, B:25–33
 geodynamics, B:101–110
 geology, A:5–16, 47–62, 297–313
 in situ stress, B:209–223
 lithofacies, B:113–123
 magnetic fabric, B:189–197
 paleomagnetism, B:199–207
 palygorskite, B:141–156
 palynology, B:253–276
 physical properties, B:225–240
 planktonic foraminifers, B:445–479
 structure, B:3–11, 13–23
 thermal diagenesis, B:53–70
 thermal history, B:39–41, 43–48
 uplift and exposure, B:71–79
 upper Albian, B:125–131
 well logging, B:157–179
 See also Deep Ivorian Basin
 Côte d'Ivoire-Ghana marginal ridge
 planktonic foraminifers, B:457–462
 post-tectonic subsidence, B:81–91
 structural data, B:18
 tectonics, B:3–11
 transform faults, A:6–8, 298–299, 306–307
 Côte d'Ivoire-Ghana Slope, planktonic
 foraminifers, B:457, 462–464
 Côte d'Ivoire-Ghana Trough, planktonic
 foraminifers, B:462, 464–465
 crenulation
 photograph, A:240
 structure, A:239–240
 Cretaceous
 biostratigraphy, B:481–490
 calcareous nannofossils, B:319–329
 continent/ocean margin, B:101–110
 passive margins, B:20
 planktonic foraminifers, B:335–345
 structure, B:93–99
 thermal diagenesis, B:53–70
 transform faults, A:10–11, 298
 See also Albian; Aptian; Campanian;
 Cenomanian; Cenomanian/Turonian
 boundary; Cenomanian/Turonian
 Boundary Event; Coniacian; Early
 Cretaceous *Cerebropollenites*

- Province; Early Cretaceous–
Cenomanian *Trisaccates* Province;
Maastrichtian; Santonian; Senonian;
Senonian *Palmae* Province; Turonian
- Cretaceous, Lower
benthic foraminifers, B:347–359
deformation, B:17
fission-track data, B:39–41, 43–48
See also Pre-Albian West Early Cretaceous
Dicheiropollis etruscus/*Afropollis*
Province
- Cretaceous, Middle
radiolarians, equatorial, B:363–373
transform faults, A:14
- Cretaceous, Upper, benthic foraminifers,
B:375–411
- Cretaceous–Paleocene, palynology, B:253–318
- Cretaceous/Tertiary boundary
agglutinated foraminifers, B:389–411
benthic foraminifers, B:403
calcareous nannofossils, B:320
paleoceanography, B:395–396
paleoenvironment, B:488
- cross bedding
photograph, A:269
sandstone, A:101
- cross laminations
claystone, A:188
photograph, A:269
sediments, B:16
structure, A:281
- cross sections, tectonics, B:19
- cross stratification, photograph, A:79, 85–86
- crust
continental and oceanic linkage, B:10
thermal events, B:47
thickness, B:220–221
transform faults, A:52
- crystallization, fluid inclusions, B:50–51
- currents
ocean circulation, B:549–551
See also Benguela Current; Brazil Current;
Equatorial Undercurrent; Guinea
Current; Intertropical Convergence
Zone; North Equatorial Current; ocean
circulation; South Equatorial Current
- cuticle, Site 959, B:318
- cyclic processes
magnetic susceptibility, A:93
Quaternary, B:589–591
sands and carbonates, B:569–570
tectonics, B:120–121
- cyclopentone, biomarkers, B:599
- cynnamyls/vanillyls ratio, biomarkers, B:597
- Danian, biostratigraphy, B:282–283, 285
- dark layers, photograph, B:589
- datum levels, accumulation rates, A:97
- décollement structures
deformation, B:25–33
interpretation, B:27
- Deep Ivorian Basin
calcareous nannofossils, B:319–329
clastic wedges, B:19
deposition, A:270
extension tectonics, B:96
paleoenvironment, B:105
planktonic foraminifers, B:449–457
silicoflagellates, B:493–508
transform faults, A:6–8, 297–299, 306–307
- deep water
transform faults, A:14
See also North Atlantic Deep Water
- deformation
columns, A:302
décollement structures, B:25–33
deposition, B:73
distribution, B:18
lithologic units, A:188, 231
mechanism, B:28–29
reefs, B:77
sediments, B:4–5
stages, B:104–105
structure, B:5–7, 35–41
transform faults, A:13, 298–309; B:13–23
See also crenulation; décollement structures;
en echelon folds; faults; fissures; folds;
fractures; friction; lineation;
microstructures; mineral lineation;
pop-up structures; rheology; sand
pipes; scoured contacts; sediment
loading; sedimentary structures; soft
sediment deformation; structure;
tension gashes; water-escape
structures
- deformation, synlithification, sediments, A:241
- deformation, syntransform, thermal history, B:41
- degradation, A:109, 193–194, 284, 311
- deltaic environment
cyclic processes, B:120–122
rifting, B:115–116
- demagnetization, sediments, B:201
- density
boreholes, B:241–242
crust, B:220–221
multisensor track, A:112–113, 196, 245–246,
286
sediments, B:232–233
vs. depth, A:118
- density, bulk
comparison between continuous and discrete
measurements, A:199–200
sediments, B:561–562
vs. depth, A:112, 114, 117, 119, 198, 200, 248,
286, 288; B:211, 234, 235, 239, 536
vs. traveltime, B:229, 236, 240
- density, bulk, Boyce-corrected, vs. depth, A:196,
286
- density, dry, vs. depth, A:114, 198, 248, 288
- density, grain, vs. depth, A:114
- density, solids-grain, vs. depth, A:198, 248, 288
- density-flow deposits, photograph, A:79
- density logs
vs. depth, A:202; B:231, 235, 239, 244
vs. velocity logs, B:246, 248
See also gamma ray–density–porosity logs
- deposition
environment, B:72–73
Eocene, B:421
Pliocene–Pleistocene, B:557–574
transform faults, A:299–309
See also hemipelagic deposition; marine
deposition; paleoenvironment;
precipitation; sedimentation; synrift
deposition
- detrinite, vs. age, B:568
- detrital sedimentation, palygorskite, B:148–149
- diagenesis
calcite veins, B:73–76
carbonates, A:110–111, 194–195, 243
clays, A:303, 305
palygorskite, B:149
recrystallization, B:97–98
sediments, B:599
temperature, B:74–76
See also authigenesis; cementation;
glauconitization; lithification;
metamorphism; neof ormation;
- pyritization; recrystallization
- diagenesis, thermal
Cretaceous, B:53–70
photograph, B:68–70
- diapirs, paleotemperature, B:64
- diatomite
faults, B:4–5
lithologic units, A:77–78, 80
photograph, A:79
- diatomite, laminated, osmium isotopes,
B:184–185
- diatoms
lithologic units, A:264–266
Neogene, A:308
Dicheiropollis etruscus. *See* Pre-Albian West
Early Cretaceous *Dicheiropollis*
etruscus/*Afropollis* Province
- dinoflagellate cyst, Site 959, B:318
- dinoflagellates
Cretaceous–Paleocene, B:253–276
depth and recovery, B:283
range chart, B:282
- dip
bedding, A:98, 278–279, 309; B:8
microfolds, A:280
photograph, B:21
sediments, B:83
vs. depth, A:121–122, 185, 207, 239, 278
See also bedding; fault dip
- dip ranges, faults, B:8
- discoasters
diversity, B:580
vs. depth, B:582
See also nannofossils
- dissolution
artifacts, B:549
carbonates, A:103, 243; B:547
fractures, B:76
lithologic units, A:163
photomicrograph, A:171
- dissolution rates, middle Eocene, B:435–436
- dolomite
lithologic units, A:163
Neogene, A:308
photograph, A:83
scanning electron micrograph, B:156
sediments, A:244
- dolomite, sandy, lithologic units, A:81–82
- downhole measurements
Site 959, A:116–123
Site 960, A:200–204
Site 962, A:290–291; B:212
See also core-log comparison; well logging
- duricrusts, paleoenvironment, A:175–176
- dynamic intensity, vs. depth, B:596
- dysaerobic regime, Coniacian–Eocene, B:118
- Early Cretaceous *Cerebropollenites* Province,
microfloral provinces, B:254
- Early Cretaceous–Cenomanian *Trisaccates*
Province, microfloral provinces, B:254
- earthquakes, strike-slip faults, B:220–221
- Eastern Atlantic Basin, transform faults, A:14
- eigenvalues, well logging, B:163
- El Niño/Southern Oscillation, ocean circulation,
B:550
- Elaterates*. *See* Albian–Cenomanian *Elaterates*
Province
- elemental yields, normalization, B:174–175
- en echelon folds
clastic wedges, B:19
transform faults, A:52
- Eocene
calcareous nannofossils, B:421

- diatomites, B:184–185
 lithologic units, A:166, 227–228
 palygorskite, B:10
 sedimentation rates, A:95
 slope instability, B:106
 Eocene, lower, palygorskite, B:141–156
 Eocene, middle, benthic foraminifers, B:433–444
 eolian processes
 terrigenous organic carbon, B:570–571
 See also wind transport
 epithermal neutron porosity, vs. depth, B:245
 Equatorial Atlantic Gateway
 opening, B:364, 366
 See also gateways
 Equatorial Divergence Zone, terrigenous organic carbon, B:571
 Equatorial Undercurrent, ocean circulation, B:550
 erosion
 paleoenvironment, A:175–176
 thermal history, B:41
 uplifts, B:71–79
 erosional surfaces, paleoenvironment, B:105
 ethane
 headspace gases, A:192, 284
 sediments, A:108
 source rocks, A:243
 eustasy
 cycles, B:120–121
 See also glacio-eustasy; sea-level changes
 extension
 basins, B:96
 décollement structures, B:28
 normal faults, B:17

 fabric. *See* magnetic fabric
 facies
 transform faults, A:298–309
 See also biofacies; lithofacies
 fault azimuth, vs. depth, B:86, 89
 fault dip, vs. depth, B:86
 fault planes
 décollement structures, B:25–26
 lithologic units, A:231
 sediments, A:98–100
 fault strike, rotation axes, B:89–90
 faults
 deformation, B:9–10
 dip ranges, B:8, 83–87
 friction, B:46
 offsets, B:4–5
 photograph, A:81, 187, 207, 240–241, 280; B:6
 relative proportion of different types, B:8
 sandstone, A:101
 structure, A:186–187, 239–240, 278–279
 unconformities, B:17
 See also block structures; grabens; horsts; microfaults; normal faults; oblique-slip faults; reverse faults; slickensides; strike-slip faults; transcurrent faults; transform faults
 faults, anastomosing, photograph, A:99
 faults, listric, photograph, B:31
 faults, synsedimentary
 laminated siltstone, A:242
 rheology, B:17
 sediments, A:241; B:16
 feldspar
 lithologic units, A:168–170
 photomicrograph, A:171
 See also plagioclase; potassium feldspar
 fibers, scanning electron micrograph, B:153, 156
 fish debris, lithologic units, A:166–168
 fission-track data
 apatite, B:35–41, 105
 thermal history, B:39–41, 43–48
 fissures
 sandstone, A:188
 sediments, B:16
 floatstone
 lithologic units, A:168
 photomicrograph, A:171
 floral provinces, Cretaceous–Paleocene, B:254–258, 261–262
Florisphaera profunda, vs. depth, B:582
 flow, lateral, salt brines, B:149
 fluid circulation, heat sources, B:51–52
 fluid inclusions, paleofluids, B:49–52
 folds
 black claystone, B:5
 compressional structures, A:279
 décollement structures, B:26–28
 deformation, B:9–10
 photograph, A:189
 structure, A:279–280
 tilting, B:9
 transform faults, A:303
 unconformities, B:17
 See also microfolds; slump folds
 folds, refolded, photograph, B:32
 foraminifers
 hydrography, B:539–555
 lithologic units, A:163, 227
 lithology, B:587–588
 Mesozoic, B:481–490
 Neogene, A:308–309
 photograph, A:77, 81; B:589
 Pliocene–Pleistocene, B:563–564
 Site 962, B:276
 foraminifers, benthic
 biostratigraphy, A:237–238
 Cretaceous/Tertiary boundary, B:403
 Lower Cretaceous, B:347–359
 middle Eocene, B:433–444
 Pleistocene, B:605–610
 Upper Cretaceous, B:375–411
 foraminifers, deep-water agglutinated
 Mesozoic, B:488
 paleoenvironment, B:379–381, 389–411
 foraminifers, planktonic
 biostratigraphy, A:90–92, 180–182, 236–237, 272–273
 Cenozoic, B:445–479
 chemistry as proxy for thermocline structure, B:551–552
 Cretaceous, B:335–345
 isotopic and depth-stratification, B:541–548
 photograph, A:172
 formation factor, sediments, A:200; bp:CD-ROM
 Formation MicroScanner imagery
 bioturbated sediments, A:120, 122
 in situ stress, B:209–223
 marginal ridges, B:81–91
 structures, A:119–121, 202–204
 Formation MicroScanner imagery logs, vs. depth, A:206
 fractionation
 iridium vs. osmium, sediments, B:183–184
 sulfur isotopes, B:127, 129–131
 fracture azimuth, vs. depth, B:211
 fracture zones, crust, B:10, 81–82
 fractures
 claystone, B:6–7
 downhole variation, B:219
 folds, A:279
 Formation MicroScanner imagery, B:217–218
 Lower Cretaceous, B:17
 photograph, A:233, 280; B:21
 sediments, A:279
 unconformities, B:5
 veins, B:73–76
 fractures, iron-coated, décollement structures, B:25–26
 fractures, tectonic, photograph, A:231
 fractures, tensile wall, stress, B:213–214
 fractures, vertical, borehole wall, B:216
 friction
 faults, B:46
 transform faults, B:51–52
 fungal spore, Site 959, B:318
 furfural + acetic acid/pyrrol ratio biomarkers, B:598–599
 vs. depth, B:599

 gamma ray–density–porosity logs, vs. depth, A:140–144, 211–212
 gamma ray–resistivity logs
 comparison of Sites 959, 960, and 962, A:292, 294
 vs. depth, A:214–215
 gamma ray–resistivity–sonic logs, vs. depth, A:135–139, 209–210
 gamma-ray logs
 statistical analysis, B:167
 vs. depth, A:148–150, 202–204, 290
 gamma rays
 multisensor track, A:113
 vs. depth, A:112, 118–119, 196, 246, 286
 gas hydrates. *See* clathrates
 gateways
 Albian, B:364, 366
 transform faults, A:15
 See also Equatorial Atlantic Gateway
 Gauss Chron, sediments, A:94
 geochemical logs
 evaluation, B:171–179
 statistical analysis, B:159–170
 vs. depth, A:145–147; B:249
 geochemistry
 organic matter, A:310
 pore-filling, B:71–79
 See also elemental yields
 geochemistry, inorganic
 Site 959, A:108–112
 Site 960, A:192–195
 Site 961, A:243–245
 Site 962, A:284–286
 Sites 959–962, A:310–311
 geochemistry, organic
 Site 959, A:102–103, 105–108
 Site 960, A:188–192
 Site 961, A:241–243
 Site 962, A:281–284
 Sites 959–962, A:310
 geochemistry, source-rock
 Site 959, A:108
 Site 960, A:192
 Site 961, A:243
 Site 962, A:284
 geochronology
 fission-track data, B:35–41
 osmium isotopes, B:181–186
 thermal history, B:43–48
 transform faults, A:10–11
 See also age
 geodynamics
 transform margins, B:101–110
 See also tectonics
 geology, continental margin, A:5–16; B:94
 geothermal gradient
 thermal diagenesis, B:62–66
 veins, B:77

- Ghana
 accumulation rates, B:569–571
 Pliocene–Pleistocene, B:557–574
See also Côte d'Ivoire-Ghana continental margin; Côte d'Ivoire-Ghana marginal ridge; Côte d'Ivoire-Ghana Slope; Côte d'Ivoire-Ghana Trough
- gibbsite
 sediments, B:590
 vs. depth, B:590, 593
 X-ray diffractograms, A:264
- glacial/interglacial cycles
 accumulation, B:571–572
 Neogene, A:310
- glaciation
 accumulation rates, B:600–601
 cycles, B:589–591
 sand and carbonate cycles, B:569–570
- glacio-eustasy
 accumulation, B:599
See also eustasy; sea-level changes
- glauconite
 Coniacian–Eocene, B:118
 foraminifers, B:588
 lithologic units, A:75–77, 163, 166–170, 227–231, 263
 Neogene, A:308–309
 photograph, A:79, 83, 229–230
 scanning electron micrograph, B:155
 X-ray diffraction data, A:177; B:145, 147
- glauconite pellets
 paleoenvironment, A:176
 photograph, A:165
- glauconitization
 green grains, B:594
 Neogene, A:308–309
- Global Stratotype Section and Point, Paleogene/Neogene boundary, B:415
- goethite
 lithologic units, A:262, 269
 Neogene, A:308–309
 photograph, A:264
 X-ray diffractograms, A:264
- Gondwana, basement, B:94
- grabens, blocks, B:6
- graded bedding, photograph, A:79
- grain size
 textures, B:594
 vs. depth, B:596
See also coarse fraction; sand fraction
- grainstone
 Cenomanian–Coniacian, B:116–118
 Coniacian–Eocene, B:119
 faults, A:186–187
 photograph, B:119
 structure, B:14, 16
- grainstone, skeletal
 lithologic units, A:168–170
 photograph, A:169, 172
- gravimetry, transform faults, A:48–49
- gravity gliding
 faults, B:91
 photograph, B:21, 22
 sedimentation, B:104
- gravity tectonics, décollement structures, B:30
- Great Abaco Member, biosiliceous event, A:312
- green grains
 clays, B:593–594
 sediments, B:593–594
 vs. depth, B:590–591
 X-ray diffraction data, B:595
- Guinea Current, Intertropical Convergence Zone, B:553–554
- Gulf of Guinea
 eolian supply, B:572
 ostracodes, B:525–531
 paleoenvironment, B:585–603
 thermocline depth, B:552–553
- hardgrounds
 Coniacian–Eocene, B:117–119
 deposition, B:73
 lithologic units, A:164
 paleomagnetism, B:204
- hardgrounds, glauconitic
 Albian, A:307
 photograph, A:265
- hardgrounds, phosphatic
 Coniacian–Santonian, A:81, 306–307
 photograph, A:84–85
- heat sources, fluid circulation, B:51–52
- heating, hydrothermal circulation, B:46
- hemipelagic deposition
 lithologic units, A:267–270
 paleoenvironment, A:176
 passive margins, A:234
- heulandite, X-ray diffractograms, A:228
- hexane, sediments, A:108
- hiatuses
 accumulation rates, B:600–601
 Miocene, B:519–521
 Paleogene, B:421–423, 429
 passive margins, A:234
See also erosional surfaces; unconformities
- horst-and-graben structure, photograph, A:241
- horsts, blocks, B:6
- hydrocarbons
 transform faults, A:12
See also ethane; hexane; methane; methane/ethane ratio
- hydrocarbons, aromatic
 biomarkers, B:598
 vs. depth, B:597
- hydrocarbons, volatile
 chromatographs, A:71
 sediments, A:108
- hydrogen index
 organic matter, A:106, 108, 190–192
 Pliocene–Pleistocene variations, B:564–568
 Rock-Eval pyrolysis, A:107, 193
 sediments, A:244, 283
 vs. age, B:568
 vs. depth, A:284
 vs. maximum temperature, A:108
 vs. temperature, A:192
- hydrography
 Miocene–Pliocene, equatorial, B:539–555
 surface wind, B:549–551
- hydrothermal alteration
 breccia, B:98
 palygorskite, B:149
- hydrothermal circulation
 heating, B:46
 transform faults, B:51–52
- hydrothermal fluids, quartz, A:188
- hydroxybenzyls
 biomarkers, B:597
 sediments, B:590
 vs. depth, B:590, 598
- illite
 lithologic units, A:233
 recrystallization, B:97
 thermal diagenesis, B:57–63
 vs. depth, B:592–593
 X-ray diffractograms, A:177, 228, 264–265
See also kaolinite/illite ratio
- inclusions. *See* fluid inclusions
- index properties, sediments, A:113–114, 197–198, 246, 248, 287–288; bp:CD-ROM
- indols, biomarkers, B:599
- Intertropical Convergence Zone, ocean circulation, B:549–554, 558
- Interval A, organic carbon and carbonate content, A:102–103
- Interval B, organic carbon and carbonate content, A:103
- Interval C, organic carbon and carbonate content, A:103
- Interval D, organic carbon and carbonate content, A:103
- Interval E, organic carbon and carbonate content, A:103
- Interval F, organic carbon and carbonate content, A:103
- Interval G, organic carbon and carbonate content, A:103
- Interval H, organic carbon and carbonate content, A:103
- intracontinental sedimentation, cyclic processes, B:120–122
- intracontinental transform, Stage 1, B:104–105, 291–292
- intraplate basalts, chromian spinel, B:138
- iridium
 sediments, B:182–184
 vs. osmium, sediments, B:183
See also osmium/iridium ratio
- iron
 green grains, B:593–594
 pore water, A:112, 195, 243, 284–285
 vs. depth, A:195, 311
- iron number
 chromian spinel, B:134, 136
 vs. titanium oxide, B:137
- isotopes
 cements, B:73–76
 sediments, A:14
See also carbon isotopes; osmium isotopes; oxygen isotopes; stable isotopes
- Ivorian Basin. *See* Deep Ivorian Basin
- Ivory Coast
 accumulation rates, B:569–571
 Pliocene–Pleistocene, B:557–574
See also Côte d'Ivoire-Ghana continental margin; Côte d'Ivoire-Ghana marginal ridge; Côte d'Ivoire-Ghana Slope; Côte d'Ivoire-Ghana Trough
- Jurassic. *See* Bajocian
- kaolin, thermal diagenesis, B:58
- kaolinite
 mineralization, B:17
 paleoenvironment, A:176
 photograph, A:83
 thermal diagenesis, B:58–63
 veins, A:186; B:4–5
 vs. depth, B:592
 X-ray diffractograms, A:77, 168, 177, 264–265
See also quartz/kaolinite ratio
- kaolinite/illite ratio, vs. depth, B:593
- kaolinite veins
 microfolds, B:5
 photograph, B:68
 sediments, B:16
 thermal history, B:45
- Kelvin waves, monsoons, B:554
- Krithe* sp. carapace, Site 959, B:529
- lacustrine environment

- cyclic processes, B:120–122
deposition, B:72–73
paleoenvironment, A:174–175; B:133–134
sulfur isotopes, B:130
- lag deposits, Albian, A:307
- laminations
lithologic units, A:75–77, 171–174, 266–267
paleoenvironment, B:133–134
photograph, A:77, 82, 85, 102, 173, 232, 268–270; B:21
- lepispheres, scanning electron micrograph, B:153
- limestone
Coniacian–Eocene, B:117–119
deposition, B:73
lithologic units, A:81–82, 266–267
paleotopography, B:106
petrography, B:119–120
sedimentary structures, B:89
See also chalk; floatstone; grainstone; micrite; packstone
- limestone, dolomitic, photograph, A:170
- limestone, fine-grained, photograph, A:268
- limestone, micritic, photograph, A:229, 270
- limestone, quartz sandy
lithologic units, A:81–82, 168–170, 266–267
paleomagnetism, B:204
photograph, A:268; B:118, 123
- linear correlation, well logging, B:162
- lineation
kaolinite veins, B:5–6
See also mineral lineation
- lithic clasts, provenance, B:120
- lithification
décollement structures, B:29
temperature, B:74–76
transform faults, A:302–303
See also synlithification
- lithofacies
Paleogene, B:421–423
tectonics, B:113–123
vs. depth, B:286, 288, 290
See also biofacies; microfacies; palynofacies
- lithologic units
biostratigraphy, B:482–487
physical properties, A:75–84, 162–174, 226–231, 261–267; B:241–249
statistical analysis, B:165–166
Unit I, A:75–77, 162–164, 226–227, 261–264
Unit II, A:77–80, 164–166, 227–228, 264–266
Unit III, A:80–81, 166, 228–231, 266–267
Unit IV, A:81–82, 166–170
Unit V, A:82–83, 170–174
- lithology
microsequences, B:587–588
transform faults, A:10
well logging, B:157–170
- lithostratigraphy
lithofacies, B:212
master column, A:125–133
Site 959, A:74–87
Site 960, A:152–155, 161–177
Site 961, A:225–234
Site 962, A:260–270
- Lizard Springs Fauna, foraminifers, B:392
- load casts, photograph, A:174
- load structures, sandstone, A:188
- Lower Campanian Event
paleoceanography, B:393–395
paleoenvironment, B:488
- luene. *See* benzene/luene ratio
- Maastrichtian
biostratigraphy, B:279, 282–283, 285
hydrothermal alteration, B:98
- lithologic units, A:166–170, 228–231
transform faults, A:12
- magmatism, relation to tectonics and sedimentation, B:137–138
- magnesium
pore water, A:111, 195, 244, 285
vs. depth, A:110, 194, 245, 285, 311
- magnesium number
chromian spinel, B:134, 136
vs. chromium number, B:137
- magnetic anisotropy
magnetic fabric, B:192–195
See also anisotropy
- magnetic declination, vs. depth, A:96, 184, 276–277
- magnetic fabric
photograph, B:195
sediments, B:189–197
- magnetic field, transform faults, A:61
- magnetic inclination
histograms, B:204, 205–207
vs. depth, A:95–96, 184, 276–277
- magnetic intensity, vs. depth, A:95–96, 183–184
- magnetic intensity, natural remanent magnetization
vs. depth, A:239, 275
- magnetic polarity, sediments, A:94
- magnetic susceptibility
magnetic fabric, B:192
vs. depth, A:183
- magnetic susceptibility, bulk
sediments, A:93, 182, 238, 274
vs. depth, A:93, 239, 275; B:541
- magnetism, transform faults, A:48–49, 61
- magnetite, sediments, A:94
- magnetostratigraphy, sediments, A:94, 276
- manganese
pore water, A:195, 284–285
vs. depth, A:110, 194, 311
- manganese crusts
Albian, A:307
lithologic units, A:268
- manganese nodules, lithologic units, A:268
- mantle, chromian spinel, B:138
- margin subsidence, paleoenvironment, A:176
- marginal ridges
basins, B:41
evolution, B:76–78
paleofluids, B:49–52
Paleogene, B:421–423
subsidence, B:81–91
tectonics, B:3–11
transform faults, A:301
uplifts, A:301
- marine deposition, paleoenvironment, A:174–175
- marine environment
deposition, B:72–73
rifting, B:115–116
- master column, lithostratigraphy, A:125–133
- maturation. *See* thermal maturation
- Matuyama Chron, sediments, A:94; B:599–600
- Mauritania, accumulation rates, B:600
- Mesozoic
biostratigraphy, B:481–490
See also Cretaceous; Bajocian
- metamorphic rocks, provenance, B:119–120
- metamorphism
iron oxides, B:97–98
See also anchimetamorphism
- metasediments, transform faults, A:10
- methane
headspace gases, A:192, 284
sediments, A:108–109
source rocks, A:243
vs. depth, A:108, 110, 194, 244
See also water–methane–carbon dioxide
- methane/ethane ratio
sediments, A:71
vs. depth, A:109
- mica
Coniacian–Eocene, B:118
thermal diagenesis, B:57–58
thermal history, B:97–98
- micrite
lithologic units, A:78, 80, 226–227, 261–264, 266–267
paleomagnetism, B:201, 203
photograph, A:228; B:123
- microbes, organic matter, A:109
- microfacies, Quaternary, B:589
- microfaults
black claystone, B:5
clays, B:6
claystone, A:279; B:6–7
décollement structures, B:26, 29
packstone, A:186–187
photograph, A:189, 240–241; B:7
sediments, A:98–100
structure, A:239–240; B:6, 16
- microfolds
clays, B:6, 16
compression, B:6–7
kaolinite veins, B:5
packstone, A:186–187
photograph, A:280, 304; B:21–22, 31
pop-up structures, A:279
rheology, B:17
sediments, A:280
stages, B:104–105
See also folds
- microfolds, asymmetric
association with reverse faults, B:23
photograph, B:32
- microfolds, isoclinal
décollement structures, B:28
photograph, B:33, 99
- microfolds, synsedimentary, Lower Cretaceous, B:16–17
- microforaminiferal test lining, Site 959, B:318
- microsequences
lithology, B:587–588
photograph, B:589
- microslumps, sediments, B:16
- microslumps, synsedimentary, Lower Cretaceous, B:16–17
- microstructures
diagrams, A:305
Quaternary, B:589
rheology, B:17
uplifts, B:18
See also deformation; microfaults; microfolds; sedimentary structures
- microthermometry, quartz veins, B:51
- mineral lineation
strike-slip faults, A:187
See also lineation
- mineralization
faults, A:186
photograph, A:280
pyrite, B:5–7
- Miocene
biosiliceous event, A:312
biostratigraphy, B:449–465
condensed record, B:519
correlation of hiatuses with deep-sea hiatuses, B:520–521
hiatuses, B:519–521
lithologic units, A:77–78, 80, 164–166, 227,

- 262–264
 sedimentation rates, A:96, 184, 276
 transform faults, A:12
See also Oligocene–Miocene;
 Oligocene/Miocene boundary
- Miocene, lower, calcareous nannofossils, B:516–517
- Miocene, middle
 calcareous nannofossils, B:517–518
 carbonate crisis, A:312–313
- Miocene, upper
 calcareous nannofossils, B:517–518
 interval without *Reticulofenestra pseudumbilicus*, B:517–518
- Miocene–Pliocene, hydrography, B:539–555
- mixed-layer minerals
 lithologic units, A:229–231
 X-ray diffractograms, A:228, 264–265
- monsoons
 Intertropical Convergence Zone, B:554, 558
 paleoceanography, A:14
- montmorillonite, vs. depth, B:592
- mudstone intraclasts, lithologic units, A:168–170
- nacrite, thermal diagenesis, B:58–63
- nacrite veins, thermal history, B:66
- nannofossils
 lithologic units, A:266–267
 Mesozoic, B:481–490
 Neogene, A:308–309
 relative abundances of warm- and cool-water indicator species, B:583
 scanning electron micrograph, B:153, 155
 species diversity, B:583
 vs. depth, B:582
See also discoasters
- nannofossils, calcareous
 biostratigraphy, A:87–90, 177–180, 234–236, 270–272; B:533–538, 575–583
 Cretaceous, B:319–329
 Paleogene, B:413–431
 upper Cenozoic, B:509–523
- neof ormation
 chlorite-mica stacks, thermal history, B:97
 smectite, B:599
- Neogene
 nannofossil/foraminifer oozes, B:184–185
 ostracodes, B:525–531
 paleoceanography, A:309–313; B:520
See also Paleogene/Neogene boundary
- Nigeria, Cretaceous, B:93–99
- nitrogen
 sediments, A:104–105, 189–190, 242
See also carbon/nitrogen ratio
- nitrogen compounds
 biomarkers, B:598
 vs. depth, B:597
- nodules. *See* barite nodules; manganese nodules; phosphate nodules; pyrite nodules
- normal faults
 claystone, A:279; B:6–7
 décollement structures, B:25–26
 diagrams, A:305
 extension, B:17
 microfolds, A:188
 movement, B:7–8
 photograph, A:100, 207, 241, 304; B:7, 21–22, 31, 99
 sediments, A:98–100
 stages, B:104–105
 stereographic projection, A:100–101
 structure, A:240; B:6
 tilting, A:279; B:87, 89–90
 transform faults, A:302
- Upper Cretaceous, B:14
- normal faults, conjugate, deformation, B:25
- North Atlantic Deep Water
 lithology, B:587–588
 sediments, B:569–570, 599
See also deep water
- North Equatorial Current, ocean circulation, B:549–551, 554
- nutricline, Pliocene–Pleistocene, B:579–580
- oblique-slip faults, movement, B:7–8
- ocean circulation
 currents, B:549–551
See also currents
- Oceanic Anoxic Event. *See* pre-Oceanic Anoxic Event 1d; pre-Oceanic Anoxic Event 2
- Oceanic Anoxic Event 3
 radiolarians, B:364, 366–367
See also anoxic environment
- oceans. *See* continent/ocean margin
- Oligocene
 biosiliceous event, A:312
 diatomites, B:184–185
 lithologic units, A:78, 80
 paleomagnetism, B:201–203
- Oligocene–Miocene, silicoflagellates, B:493–508
- Oligocene/Miocene boundary, calcareous nannofossils, B:415, 516
- ooze
 deformation, B:5–6
 faults, A:186–187
 sedimentation rates, A:276–277
- ooze, foraminifer–nannofossil, lithologic units, A:226–227
- ooze, nannofossil, lithologic units, A:226–227
- ooze, nannofossil/foraminifer
 lithologic units, A:75–77, 162–166
 osmium isotopes, A:261–264
- opal-A, Albian, A:307
- opal-CT
 Albian, A:307
 lithologic units, A:164, 166, 227, 234
 radiolarians, B:364
 scanning electron micrograph, B:153, 156
- Ophiomorpha*, lithologic units, A:77, 166
- organic matter
 biomarkers, B:595–599
 composition, A:103, 105–106, 108, 243, 269, 282–284; B:567–568
 Cretaceous–Paleocene, B:254–255
 degradation, A:109, 193–194, 284
 diagenesis, A:303, 305, 310
 lithologic units, A:86
 sediments, A:190–192
 transform faults, A:12
 vs. depth, B:260, 286, 288, 290
See also dark layers
- organic matter, marine, vs. age, B:568
- orthoquartzite, transform faults, A:10
- osmium
 sediments, A:14; B:182–184
 vs. iridium, sediments, B:183
See also rhenium/osmium ratio
- osmium/iridium ratio, sediments, B:183–184
- osmium isotopes
 seawater, B:181–186
 vs. age, B:184
 vs. rhenium/osmium ratio, B:185
- ostracodes, Neogene, B:525–531
- outcrops, photograph, A:60
- oxidation, organic carbon, A:109
- oxides, percentages, B:175
- oxygen index
 Rock-Eval pyrolysis, A:107, 193
- sediments, A:244, 283
- oxygen isotopes
 calcite veins, B:73–79
 foraminifers, B:548–549
 vs. age, B:548–549, 564
 vs. age for *Cibicides wuellerstorfi*, B:549
 vs. age for *Globigerinoides sacculifer*, B:550
 vs. age for *Neoglobobadrina dutertrei*, B:550
 vs. carbon isotopes, B:74–77
 vs. depth, B:540, 564, 590–591, 593
- oxygen minimum zone, Upper Cretaceous, B:375–388
- Pacific/Atlantic–type mixture, sand and carbonate cycles, B:569–570
- packstone
 Cenomanian–Coniacian, B:116–118
 Coniacian–Eocene, B:119
 faults, A:186–187
- packstone, quartz-sandy, photograph, B:119
- packstone, skeletal
 lithologic units, A:168–170
 photograph, A:169, 172
- paleo-surface water
 calcareous nannofossils, B:327
See also surface water
- paleobathymetric curve, vs. depth, B:286, 288, 290
- paleobathymetry
 changes, B:106
 foraminifers, B:391–393
 middle Eocene, B:435–436, 438
See also bathymetry
- paleobiogeography
 benthic foraminifers, B:352, 379–380
 Cretaceous–Paleocene, B:254–258, 261–262
 Mesozoic, B:488–489
 radiolarians, B:364, 366–367
- paleoceanography
 calcareous nannofossils, B:327
 Pliocene–Pleistocene, B:568–572, 575–583
 radiolarians, B:363–373
 transform faults, A:13–15, 298–313
 Upper Cretaceous, B:393–396
- Paleocene
 agglutinated foraminifers, B:389–411
 claystone, B:118, 185–186
 lithologic units, A:80–81, 227–228
 paleomagnetism, B:203
 sedimentation rates, A:95
 transform faults, A:12
 unconformities, B:16
See also Cretaceous–Paleocene; Danian
- paleoclimatology
 Pliocene–Pleistocene, B:568–572, 575–583
 Quaternary, B:585–603
- paleoecology, Upper Cretaceous, B:375–388
- paleoenvironment
 benthic foraminifers, B:349, 352, 605–610
 Cenomanian, B:105
 Cretaceous–Paleocene, B:262, 293
 deposition, A:174–177; B:72–73
 lacustrine environment, B:133–134
 lithofacies, B:115–122
 Mesozoic, B:481–490
 osmium isotopes, B:186
 Pliocene–Pleistocene, B:557–574
 Quaternary, B:585–603
 sulfur isotopes, B:129–131
 Upper Cretaceous, B:375–388
See also deltaic environment; lacustrine environment; marine environment; pelagic deposition; periplatform deposits; shelf environment; tropical

- environment
paleofluids, fluid inclusions, B:49–52
Paleogene
 calcareous nannofossils, B:413–431
 paleomagnetism, B:201–203
Paleogene/Neogene boundary, calcareous nannofossils, B:415
paleogeography
 Cretaceous–Cenozoic, A:300–301
 middle Eocene, B:434–435
 transform margins, B:108–109
paleomagnetism
 sediments, B:199–207
 Site 959, A:93–95
 Site 960, A:182–184
 Site 961, A:238
 Site 962, A:274–276
 See also coercivity
paleopoles, Africa, B:203
paleoproductivity
 Cretaceous, B:397
 marine organic carbon, B:570
 sediments, B:590
 See also productivity
paleoseawater
 calcareous nannofossils, B:327
 See also paleo-surface water; seawater
paleotemperature
 Cretaceous, B:63–64
 thermal history, B:65
Palmae. See Senonian *Palmae* Province
palygorskite
 authigenesis, B:106
 claystone, B:10
 Coniacian–Eocene, B:118
 deposition, A:308
 diagenesis, B:59
 Eocene, B:421
 lithologic units, A:227–228, 234, 264–266, 268
 lower Eocene, B:141–156
 origin, B:148–150
 paleoenvironment, A:175–176
 photograph, A:229
 scanning electron micrograph, B:153–156
 X-ray diffractograms, A:168, 265
palyofacies
 Cretaceous–Paleocene, B:258, 260–262, 277–318
 vs. depth, B:286, 288, 290
 See also biofacies
palyology, Cretaceous–Paleocene, B:253–318
palyomorphs
 biostratigraphy, A:92–93
 Mesozoic, B:481–490
 taxonomy, B:262–267
 See also acritarchs; dinoflagellates; pollen; spores
passive margins
 Albian–Turonian, B:20
 Coniacian–Eocene, B:117–119
 deposition, B:73
 hiatuses, A:234
 Stage 3, B:106–107, 292
 transform faults, A:11–12, 297–298, 306–309
pelagic deposition
 lithologic units, A:267–270
 Paleocene, B:118–119
 paleoenvironment, A:176
 passive margins, A:234
pellets, glauconitic
 lithologic units, A:227
 photograph, A:265
pellets, photograph, A:229
peloids, photograph, A:79, 230
periplatform deposits, Cenomanian–Coniacian, B:116–117
permeability, fractures, B:52
petrography, provenance, B:119–120
petroleum geology, transform faults, A:12
petrophysics, lithologic units, B:244–246
pH, pore water, A:243
phenols
 biomarkers, B:596–599
 sediments, B:590
 vs. depth, B:590, 597–598
phosphate debris, Coniacian–Eocene, B:117–119
phosphate nodules
 lithologic units, A:166–168
 photograph, A:84–85
photoelectric effect logs, vs. depth, A:118, 202
physical properties
 downhole logging, B:225–240
 lithologic units, B:241–249
 Pliocene–Pleistocene, B:562–563
 Site 959, A:112–116
 Site 960, A:195–200
 Site 961, A:245–247
 Site 962, A:286–290
phytoplankton, range chart, B:280–281
plagioclase
 petrography, B:119–120
 photograph, B:123
Planolites
 lithologic units, A:77–78, 80, 165–166
 Neogene, A:308
 photograph, A:81, 165
plant debris
 accumulation rates, B:572
 lithologic units, A:261–264
 photograph, A:164, 173
 vs. age, B:572
plant tissue, Site 959, B:318
plate breakup, continent/ocean margin, B:102
plate tectonics. *See* tectonics
Pleistocene
 benthic foraminifers, B:605–610
 biostratigraphy, B:449–465
 calcareous nannofossils, B:519
 lithologic units, A:75–76, 162–163, 262–263
 ostracodes, B:525–531
 See also Pliocene–Pleistocene
Pliocene
 biostratigraphy, B:449–465
 calcareous nannofossils, B:518–519
 lithologic units, A:75–77, 162–166, 226–227, 262–264
 sedimentation rates, A:96, 184, 313
 See also Miocene–Pliocene
Pliocene, middle, small *Gephyrocapsa*, B:518–519
Pliocene–Pleistocene
 biostratigraphy, B:533–538
 paleoceanography, B:575–583
 paleoenvironment, B:557–574
pollen
 Cretaceous–Paleocene, B:253–276
 depth and recovery, B:283
polysaccharides
 biomarkers, B:596
 vs. depth, B:597
pop-up structures
 compression, B:6–7
 faults, B:17
 microfolds, A:279; B:23
 photograph, B:22
 stages, B:104–105
 structure, B:17
superimposed to extensional structures, B:23
porcellanite
 Albian–Turonian, A:307
 diagrams, A:305
 lithologic units, A:78, 80, 164–166, 227, 264–268
 paleoenvironment, A:176; B:105
 paleomagnetism, B:201, 203
 photograph, A:100, 165, 228–229, 265–266
 quartz veins, B:4–5
 sedimentation rates, A:95
pore water
 geochemistry, A:111, 192–195, 243–245, 284–285
 temperature, B:77–78
porosity
 boreholes, B:242
 magnetic fabric, B:196
 pore fluids, B:229–233
 sediments, B:232, 561–562
 vs. depth, A:114, 118, 198, 248, 288, 303; B:211, 233, 235, 239
 vs. velocity, B:233
 See also epithermal neutron porosity; void ratio
porosity, vuggy, photomicrograph, A:171
porosity logs
 vs. depth, A:202; B:231, 235, 239, 244–245
 vs. velocity logs, B:246
 See also gamma ray–density–porosity logs; thermal neutron porosity
potassium
 green grains, B:593–594
 pore water, A:112, 195, 245, 285–286
 vs. depth, A:110, 195, 245, 286
potassium feldspar
 petrography, B:119–120
 photograph, B:123
potassium logs, evaluation, B:173–174
Pre-Albian West Early Cretaceous *Dicheiropollis etruscus*/*Afropollis* Province, microfloral provinces, B:254–255, 261–262
pre-Oceanic Anoxic Event 1d, radiolarians, B:364, 366–367
pre-Oceanic Anoxic Event 2, radiolarians, B:364, 366–367
precipitation
 calcite, B:79
 palygorskite, B:149
 See also deposition
preservation, marine organic carbon, B:570
pressure-temperature conditions, fluid inclusions, B:50–51
principal component analysis, well logging, B:159–161
productivity
 lithologic units, A:86
 See also paleoproductivity
provenance
 chromian spinel, B:135
 petrography, B:119–120
 Quaternary, B:585–603
 See also sediment sources; source rocks
pyrite
 Coniacian–Eocene, B:119
 lithologic units, A:75–78, 227–228, 232, 263, 265
 mineralization, B:5, 6–7
 Neogene, A:308–309
 photograph, A:164, 229; B:67
 sediments, B:16
 vs. depth, B:593
 X-ray diffractograms, A:163
pyrite, euhedral, photograph, A:81

- pyrite, framboidal
 photograph, B:129
 sulfur isotopes, B:127, 129–131
- pyrite nodules, photograph, A:80, 265
- pyrite veins
 mineralogy, A:186
 petrology, A:240
 sediments, A:101, 280–281; B:4–5
- pyritization, photograph, B:589
- pyrolysis, Rock-Eval, organic matter, B:569
- pyrrol. *See* furfural + acetic acid/pyrrol ratio
- quartz
 Coniacian–Eocene, B:118
 lithologic units, A:168–170, 230–231
 petrography, B:119–120
 photograph, A:83, 164; B:119, 123
 photomicrograph, A:171
 recrystallization, B:97
 veins, A:186
 X-ray diffractograms, A:168, 170, 177, 264–265
- quartz/kaolinite ratio
 sediments, B:592
 vs. depth, B:590, 593
- quartz clasts, provenance, B:120
- quartz veins
 deformation, B:106
 folds, A:279
 paleofluids, B:49–52
 sediments, B:4–5
 thermal history, B:45
- quartzites
 transform faults, A:10
See also metasediments; orthoquartzite
- Quaternary
 lithologic units, A:226–227
 paleoenvironment, B:585–603
 sedimentation rates, A:277
See also Pleistocene
- radiolarians
 biostratigraphy, A:182, 238, 273–274
 lithologic units, A:227, 234, 264–266
 Middle Cretaceous, B:363–373
 Neogene, A:308
 photograph, B:589
 scanning electron micrograph, B:156
- rebound, core-log comparison, B:243–244
- recrystallization
 chlorite-mica stacks, thermal history, B:97
 scanning electron micrograph, B:156
 veins, A:186
- reduction
 organic matter, A:109
See also sulfate reduction
- reefs
 deformation, B:77
 paleotopography, B:106
 transform faults, A:305–306
- reflection coefficient, vs. travelttime, B:229, 236, 240
- reflectors, seismic profiles, A:225
- remanent magnetization, natural
 correlation between holes, A:183–184
 sediments, A:182–183
- remanent magnetization, sediments, A:94, 205–206, 238, 274–275
- resistivity
 pore fluids, B:229–233
 sediments, A:115–116, 197, 199–200, 287, 289; bp:CD-ROM
 vs. depth, A:116, 118, 200, 239, 289; B:235
- resistivity logs
 statistical analysis, B:166–168
 vs. depth, A:202, 290; B:231, 235, 239
See also gamma ray–resistivity logs; gamma ray–resistivity–sonic logs
- reverse faults
 association with asymmetric microfold, B:23
 compression, B:6–7
 décollement structures, B:25–26
 fault planes, A:279
 folds, A:279
 microfolds, A:188
 movement, B:7–8
 photograph, A:99, 280, 304; B:22, 23
 sediments, A:279
 stages, B:104–105
- reworking, sediments, B:599
- rhenium, sediments, A:14; B:182–184
- rhenium/osmium ratio
 nannofossil/foraminifer oozes, B:184–185
 vs. osmium isotopes, B:185
- rheology
 décollement structures, B:28
 microstructures, B:17
- rhodochrosite
 Neogene, A:308
 X-ray diffractograms, A:177
- rhythmite, laminated, photograph, B:126
- rhythmite, rifting, B:115–116
- ridge deposition, paleoenvironment, A:175–176
- rifting
 cycles, B:120–121
 lithofacies, B:115–116
 relation to tectonics and sedimentation, B:137–138
 sulfur isotopes, B:130–131
 tectonics, B:19–20
 thermal history, B:45
 transform faults, A:11, 297–299
 transform margins, B:107–108
- Romanche Fracture Zone
 paleogeography, B:489
 thermal diagenesis, B:53
- Saint Paul Fracture Zone, thermal diagenesis, B:53
- salinity, fluid inclusions, B:50
- sand
 cyclic processes, B:569–570
 Pliocene–Pleistocene, B:563–564
- sand fraction
 vs. age, B:564
 vs. depth, B:564, 590–591
- sand pipes
 rheology, B:17
 sediments, A:240–241; B:16
- sandstone
 Albian, B:117
 apatite, B:35–41
 bedding, A:186
 chromian spinel, B:133–139
 Coniacian–Eocene, B:117–119
 lithologic units, A:228–231
 petrography, B:119–120
 photograph, A:60, 85–86, 102; B:21, 68–69, 123
 rifting, B:115–116
 structure, B:16
 unconformities, B:16
- sandstone, calcareous
 lithologic units, A:81–82
 X-ray diffractograms, A:170
- sandstone, calcite-cemented
 lithologic units, A:266–267
 photograph, A:269
- sandstone, cross-bedded, photograph, A:269; B:118
- sandstone, fine-grained, photograph, A:190
- sandstone, glauconitic, silty, lithologic units, A:264–266
- sandstone, intraclastic, photograph, A:79
- sandstone, laminated, photograph, A:187
- sandstone, micritic, photograph, A:169, 172
- sandstone, quartz, lithologic units, A:82–83
- sandstone, silty
 Albian, B:16–17
 lithologic units, A:170–174, 228–231
 photograph, A:167, 173–174, 231
- sandstone clasts, photograph, A:189
- Santonian
 benthic foraminifers, B:379
 biostratigraphy, B:279
 deposition, B:106
 foraminifers, B:393
 hydrothermal alteration, B:98
 lithologic units, A:166–170
 planktonic foraminifers, B:335–336, 338
- scoured contacts, photograph, B:589
- seafloor spreading. *See* spreading centers; spreading ridges
- seawater
 osmium isotopes, B:181–186
See also paleoseawater
- sea-level changes
 cyclic processes, B:120–122, 429, 520, 590–591
 Oceanic Anoxic Event 3, B:364, 366–367
 paleoclimatology, B:592
See also eustacy; glacio-eustacy
- sediment loading, stress, B:220
- sediment sources
 Quaternary, B:585–603
See also provenance
- sediment starvation, paleoenvironment, A:175–176
- sedimentary basins
 sedimentation, B:94–95
See also basins
- sedimentary structures
 columns, A:302
 photograph, A:304
 subsidence, B:89
 transform faults, A:302–303
See also ball-and-pillow structures; bioturbation; blebs; burrow fills; burrows; color banding; convolute bedding; cross bedding; cross laminations; cross stratification; deformation; laminations; load casts; load structures; microstructures; soft sediment deformation; synlithification; syndimentary structures
- sedimentation
 clastic wedges, B:19
 Cretaceous, B:93–99
 cyclic processes, B:120–121
 periplatform deposits, B:103–104
 Quaternary trends, B:588, 590–599
 relation to magmatism and tectonics, B:137–138
 siliciclastics, B:108
 subsidence, B:82–83
 transform faults, A:13, 298–309
See also deposition; detrital sedimentation; intracontinental sedimentation; paleoenvironment
- sedimentation, biosiliceous, Eocene–Miocene, A:307–308
- sedimentation, cyclic, lithologic units, A:86
- sedimentation, pelagic, Paleocene, A:307

- sedimentation, pelagic–hemipelagic, Neogene, A:308–309
- sedimentation rates
 biostratigraphic datums, A:278; B:465
 middle Miocene, A:312–313
 Site 959, A:95–96; B:537, 560
 Site 960, A:184
 Site 962, A:276–277
 unconformities, A:184
 vs. age, A:312; B:563
See also accumulation rates
- sedimentation rates, mean linear, Pliocene–Pleistocene, B:562–563
- sediments
 lithofacies, B:113–123
 magnetic fabric, B:189–197
 organic geochemistry, A:104–105
 osmium isotopes, B:181–186
 upper Albian, B:125–131
See also chaotic sediments
- sediments, anoxic, transform faults, A:14
- seismic data, wide-angle, transform faults, A:52
- seismic profiles
 continent/ocean margin, B:102–103
 Site 959, A:68, 72–74; B:228
 Site 960, A:157, 161
 Site 961, A:222–223, 225
 Site 962, A:258–259, 262; B:238
 transform faults, A:7–10, 50, 53–57
- seismic reflection
 physical properties, B:225–240
 transform faults, A:49–51, 61
- seismic Reflector R1, observations, A:72–73
- seismic Reflector R2, observations, A:73
- seismic Reflector R3, observations, A:73
- seismic Reflector R4, observations, A:73
- seismic Reflector R5, observations, A:73–74
- seismic Reflector R6, observations, A:74
- seismic reflectors
 observations, A:72–74, 160
 vs. traveltimes, A:74
- seismic stratigraphy, transform faults, A:9–10
- seismic Unit D, deformation, B:106
- seismic units. *See* acoustic units
- seismograms, synthetic
 boreholes, B:234, 237, 240, 291
 vs. depth, A:123; B:227–229
 vs. traveltimes, B:229–230, 232, 236, 238, 240
 well logs, A:122–123; B:227–229
- Senonian
 calcareous nannofossils, B:321–322
 transform faults, A:12
- Senonian *Palmae* Province, microfloral provinces, B:261–262
- sepiolite
 paleoenvironment, A:175–176
 X-ray diffraction data, A:168; B:147
- Sergipe Basin, foraminifers, B:393
- shale, transform faults, A:10
- shear
 slumps, B:22
 transform faults, A:11, 297–299
- shear bands
 clays, B:16
 photograph, A:240
- shear faults, photograph, A:304
- shear strength, vs. depth, A:199, 289
- shear strength, undrained
 sediments, A:114–115, 197, 199, 246, 249, 287, 289; bp:CD-ROM
 vs. depth, A:116
- shear zones
 bedding, B:16
 clays, B:6
- extension tectonics, B:96–97
- faults, B:7–8
- lithologic units, A:231
- photograph, A:240–241
- structure, A:239–240, 278–279; B:17
- shelf environment
 Coniacian–Eocene, B:118
 lithologic units, A:232–233
 paleoenvironment, A:175–176; B:105
- shell debris
 Cenomanian–Coniacian, B:116–117
 photomicrograph, A:171
- shells, calcitic, lithologic units, A:163
- siderite
 lithologic units, A:232
 magnetic fabric, B:194
 mineralization, B:17
 X-ray diffractograms, A:163
- siderite concretions, deposition, B:73
- siderite veins, petrology, A:240
- Sierra Leone Rise, Miocene, B:519–521
- silica
 pore water, A:111–112, 195, 245, 285–286
 vs. depth, A:110, 195, 245, 286
- siliciclastics
 deposition, B:106
 foraminifers, B:393
 lithologic units, A:168–170, 232–233, 267–270
 paleomagnetism, B:205
 photograph, B:123
 rifting, B:115–116
 sedimentation, B:104, 108
 structure, B:14
 thermal history, B:45
 transform faults, A:301, 305–306
- silicoflagellates
 biostratigraphy, A:92, 273
 Oligocene–Miocene, B:493–508
- silt, quartz, lithologic units, A:261–264, 266–267
- siltstone
 Albian, B:117
 bedding, A:186
 Coniacian–Eocene, B:118
 décollement structures, B:28
 lithologic units, A:170–174
 photograph, A:60, 82, 99, 207, 304; B:21, 69–70
 rifting, B:115–116
 structure, B:16
 thermal diagenesis, B:57–58
 thermal history, B:97–98
 tilting, B:87, 89–90
 unconformities, B:16
- siltstone, black, photograph, B:67
- siltstone, calcareous, photograph, A:281
- siltstone, calcite-cemented, lithologic units, A:266–267
- siltstone, clayey
 lithologic units, A:228–231
 photograph, A:231–232
- siltstone, clayey quartz, photograph, A:270
- siltstone, laminated, photograph, A:232, 240–241; B:126
- siltstone, quartz, photograph, A:230
- siltstone, sandy
 lithologic units, A:228–231
 photograph, A:232
- siltstone, sandy quartz, lithologic units, A:266–267
- siltstone, sideritic, lithologic units, A:170–173
- siltstone clasts, veins, A:240
- Site 959, A:65–150
 background and objectives, A:67–68
- benthic foraminifers, B:348–349, 375–411, 605–610
- biostratigraphy, A:87–93; B:255–257, 260–261, 278–285, 482–484, 533–538
- calcareous nannofossils, B:320–323, 414–417, 510–513
- calcite veins, B:71–79
- coring summary, A:70–71
- downhole measurements, A:116–123
- geochronology, B:35–41
- geophysics, A:72–74
- in situ stress, B:209–223
- inorganic geochemistry, A:108–112, 310–311
- lithostratigraphy, A:74–87; B:54
- magnetic fabric, B:189–197
- marginal ridges, B:84–86
- Miocene–Pliocene hydrography, B:539–555
- operations, A:68–69, 71–72
- organic geochemistry, A:102–103, 105–108, 310
- osmium isotopes, B:181–186
- ostracodes, B:525–531
- paleoenvironment, B:487–488, 585–603
- paleomagnetism, A:93–95; B:201–204
- palygorskite clays, B:144
- physical properties, A:112–116; B:227–233, 241–249
- planktonic foraminifers, B:335, 449–457
- Pliocene–Pleistocene paleoceanography, B:575–583
- Pliocene–Pleistocene paleoenvironment, B:557–574
- radiolarians, B:364, 366–367
- sedimentation rates, A:95–96
- silicoflagellates, B:493–508
- site description, A:65–150
- site geophysics, A:72–74
- source-rock geochemistry, A:108
- structural geology, A:96–101; B:4–5, 14
- thermal diagenesis, B:54, 57–62
- upper Albian, B:126
- well logging, B:171–179
- Site 960, A:151–215
 background and objectives, A:156
 benthic foraminifers, B:348–349, 433–444, 605–610
 biostratigraphy, A:177–182; B:257, 260–261, 285–287, 484–485
 calcareous nannofossils, B:321–324, 417–421, 513–515
 calcite veins, B:71–79
 chromian spinels, B:133–139
 coring summary, A:159
 downhole measurements, A:200–204
 fluid inclusions, B:49–52
 geochronology, B:35–41
 inorganic geochemistry, A:192–195
 lithostratigraphy, A:161–177; B:54–55
 magnetic fabric, B:189–197
 marginal ridges, B:86–87
 master column, A:152–155
 operations, A:158–160
 organic geochemistry, A:188–192
 ostracodes, B:525–531
 paleoenvironment, B:488
 paleomagnetism, A:182–184; B:202, 204–205
 palygorskite clays, B:144–146
 physical properties, A:195–200; B:233–234
 planktonic foraminifers, B:335–336, 457–462
 sedimentation rates, A:184
 site description, A:151–215
 site geophysics, A:160–161
 source-rock geochemistry, A:192
 structural geology, A:184–188; B:5–6, 14, 16

- thermal diagenesis, B:54–55, 58, 63
 thermal history, B:43–48
 upper Albian, B:126–127
- Site 961, A:217–249
 background and objectives, A:220–222
 benthic foraminifers, B:605–610
 biostratigraphy, A:234–238; B:257–258, 260–261, 285, 288–289, 485
 calcareous nannofossils, B:421, 424, 515
 coring, A:224
 inorganic geochemistry, A:243–245
 lithostratigraphy, A:225–234; B:55
 operations, A:222–224
 organic geochemistry, A:241–243
 paleomagnetism, A:238
 palygorskite clays, B:146–147
 physical properties, A:245–247
 planktonic foraminifers, B:457, 462–464
 site description, A:217–249
 site geophysics, A:224
 source rock geochemistry, A:243
 structural geology, A:238–241; B:6, 16
 thermal diagenesis, B:55, 58–59
 thermal history, B:45–47, 63–64
 upper Albian, B:127
- Site 962, A:251–294
 background and objectives, A:253–257
 benthic foraminifers, B:348–352, 605–610
 biostratigraphy, A:270–274; B:258–259, 261, 285, 287, 290–291, 485–487
 calcareous nannofossils, B:324–326, 515–516
 calcite veins, B:71–79
 coring, A:260
 inorganic geochemistry, A:284–286
 lithostratigraphy, A:261–270; B:55
 operations, A:257–260
 organic geochemistry, A:281–284
 paleoenvironment, B:488
 paleomagnetism, A:274–276
 palygorskite clays, B:147–148
 physical properties, A:286–290; B:234–236
 planktonic foraminifers, B:336–337, 462, 464–465
 radiolarians, B:363–373
 sedimentation rates, A:276–277
 site description, A:251–294
 site geophysics, A:260–261
 source rock geochemistry, A:284
 structural geology, A:277–281; B:6–7, 16–17
 thermal diagenesis, B:55, 59, 64–65
 upper Albian, B:127
- site geophysics
 Site 959, A:72–74
 Site 960, A:160–161
 Site 961, A:224–225
 Site 962, A:260–261
- slickensides
 barite veins, B:14
 clays, B:6
 faults, A:187; B:5
 lineation, B:6
 sediments, A:98–100
 strike-slip faults, B:7–8
 structure, A:240–241
- slump folds
 claystone, A:187–188
 lithologic units, A:83
 sediments, A:241
 structure, A:281
- slump structures, sedimentary instability, B:95
 slumping
 claystone, A:188
 décollement structures, B:29
 dip, B:8
- Eocene, B:106
 sandstone, A:101
 shear, B:22
 Site 961, B:99
 tilting, B:9
 transform faults, A:302
See also microsclumps
- smectite
 thermal diagenesis, B:57–63
 X-ray diffraction data, A:77, 168, 228; B:145, 147
- smectite, glauconitic, neof ormation, B:599
- soft sediment deformation
 Albian, B:17
 Cretaceous, B:98
 photograph, A:241; B:21
 sandstone, A:101, 187–188
 sediments, A:240–241; B:16
 structure, A:281
 transform faults, A:302
See also sedimentary structures
- sonic logs. *See* gamma ray–resistivity–sonic logs
- source rocks, geochemistry, A:108, 192, 243, 284
- South America
 geodynamics, B:46–47
 passive margins, B:20
- South Atlantic Intermediate Water, lithology, B:587–588, 599
- South Equatorial Current, ocean circulation, B:549–551, 558
- spinel, chromian
 chemistry, B:134–135
 color and size, B:135
 photograph, B:139
 provenance, B:135
 sandstone, B:133–139
- Spiniferites bejui*, sketch, B:265
Spiniferites sp. G., sketch, B:266
- spores
 Cretaceous–Paleocene, B:253–276
 depth and recovery, B:283
- spreading centers
 thermal history, B:65–66
 transform faults, A:11
- spreading ridges
 environment, B:77
 thermal pulses, B:10
- stable isotopes
 foraminifers, B:542–547
See also carbon isotopes; oxygen isotopes; sulfur isotopes
- Stage E, veins, B:77
- statistical analysis
 well logging, B:157–170
See also linear correlation; principal component analysis
- stratigraphy
 Benue Trough, B:95
See also biostratigraphy; lithostratigraphy
 stratotypes. *See* Global Stratotype Section and Point
- stress, orientation, B:220–222
 stress, horizontal, orientation, B:210, 220
 stress, in situ, Formation MicroScanner imaging, B:209–223
- stress, overburden, vs. depth, B:211
- stress fields, fault planes, B:219–221
- strike-slip faults
 décollement structures, B:30
 mineral lineation, A:187
 motion, B:5
 movement, B:7–8
 stress, B:220–221
 transform faults, A:7
- strontium
 pore water, A:110, 195, 245, 285
 vs. depth, A:110, 194, 245, 285
 structural geology, A:96–101, 184–188, 238–241, 277–281; B:212
 structure, sediments, B:83–87
 submersibles, transform faults, A:6–9, 52–53
- subsidence
 Campanian, B:106
 continent/ocean margin, B:102
 cyclic processes, B:120–121
 passive margins, A:234
 transform margins, B:10, 107–108
- subsidence, post-tectonic, Formation MicroScanner imaging, B:81–91
- sugars
 biomarkers, B:598
 vs. depth, B:597
See also polysaccharides
- sulfate
 pore water, A:243, 284
 vs. depth, A:110, 194, 244, 285, 311
- sulfate reduction
 organic matter, A:194
 pore water, A:244, 284
See also reduction
- sulfides, sulfur isotopes, B:127, 129–131
- sulfur
 Rock-Eval pyrolysis, A:193
 sediments, A:244, 283
- sulfur isotopes
 upper Albian sediments, B:125–131
 vs. depth, B:130
- surface water
 hydrography, B:539–555
See also paleo-surface water
- synlithification
 décollement structures, B:28
 rheology, B:17
- synrift deposition, paleoenvironment, A:174–175
- synsedimentary structures, décollement structures, B:29
- syntransform tectonics, Aptian–Albian, B:20
- syringyls/vanillyls ratio
 biomarkers, B:597
 sediments, B:590
 vs. depth, B:590, 598
- taxonomy, palynomorphs, B:262–267
- tectonic breccia, lithologic units, A:231
- tectonic veins
 lithologic units, A:231
 photograph, A:269
- tectonics
 Côte d’Ivoire–Ghana continental margin, B:3–11, 13–23
 Cretaceous, B:93–99
 cycles, B:120–121
 lithofacies, B:113–123
 relation to sedimentation and magmatism, B:137–138
 time constraints, B:35–41
 transform faults, A:6–9, 11–12, 51–52, 297–309
 transform margins, B:108–109
See also compression; extension; fracture zones; geodynamics; gravity tectonics; horst-and-graben structure; intracontinental transform; shear zones; subsidence; syntransform tectonics; tilting; uplifts; wrench tectonics
- temperature
 boreholes, A:121–122, 204, 291

- clay mineralogy, B:39–40
 diagenesis, B:74–76
 pore water, B:77–78
 Rock-Eval pyrolysis, A:193
 vs. depth, A:74, 123, 284, 292
 vs. hydrogen index, A:108, 192
 vs. time, A:74
See also pressure-temperature conditions
 temperature, in situ, ADARA tool, A:74
 tension gashes, quartz veins, B:4–5
 Tertiary. *See* Cretaceous/Tertiary boundary
 Tethys
 Albian, B:366–367
 Cretaceous, B:352
 textures, fine grains, B:594
Thalassinoides, lithologic units, A:77
 thermal alteration, clays, A:303, 305
 thermal conductivity
 sediments, A:113, 196–197, 246, 286–287
 vs. depth, A:113, 197, 287; bp:CD-ROM
 thermal history
 deformation, B:39–41
 fission-track data, B:39–41, 43–48
 lithology, B:97–98
 paleofluids, B:49–52
 paleotemperature, B:65
 transform margins, B:108
 thermal maturation
 clays, B:105
 sediments, A:306; B:277–318
 thermal neutron porosity, vs. depth, B:245
 thermal pulses, uplifts, B:10
 thermocline
 history of depth, B:552–553
 planktonic foraminifers, B:551–552
 Pliocene–Pleistocene, B:579–580
 thorium logs
 evaluation, B:173–174
 statistical analysis, B:168
 tilting
 décollement structures, B:26
 faults, B:83–90
 Lower Cretaceous, B:17
 magnetization, B:206
 normal faults, A:207
 origin, B:87, 89–90
 photograph, A:207
 rates, B:8–9
 transform margins, B:107–108
 uplifts, B:10
 vs. age, B:9
 titanium, chromian spinel, B:134, 136
 titanium oxide
 vs. chromium number, B:137
 vs. iron number, B:137
 titanomagnetite, sediments, A:94
 trade winds
 Intertropical Convergence Zone, B:553–554, 558
 paleoclimatology, B:592
 transcurrent faults, extension tectonics, B:96–97
 transform faults
 friction, B:51–52
 geodynamics, B:101
 geology, A:5–16, 297–299
 Turonian, B:46–47
See also intracontinental transform
 transform margins
 clastic wedges, B:19
 geodynamics, B:101–110
 paleofluids, B:49–52
 tectonics, B:3–11
 thermal history, B:39–41
 vertical motion, B:107–108
 traveltime, vs. seismic reflectors, A:74
 traveltime, two-way, vs. physical properties, B:229, 236, 240
 tricolpate pollen, Site 959, B:318
 trilete spore, Site 959, B:318
Trisaccates. *See* Early Cretaceous–Cenomanian *Trisaccates* Province
 tropical environment, paleoceanography, A:14
 Trou-sans-Fond Canyon, deposition, A:270
 tryptophane, biomarkers, B:599
 turbidites, photograph, B:118
 Turonian
 benthic foraminifers, B:379
 biostratigraphy, B:278–279, 489
 calcareous nannofossils, B:321–322
 clays, B:63
 deformation, B:35–41
 lithologic units, A:81–82, 168–170
 marginal ridges, B:76–78
 paleomagnetism, B:204–205
 paleotopography, B:106
 periplatform deposits, B:102–103
 planktonic foraminifers, B:336, 338
 See also Cenomanian/Turonian boundary;
 Cenomanian/Turonian Boundary Event
 unconformities
 bedding, A:186; B:8
 calcite, B:75
 Cenomanian–Coniacian, B:116–117
 chert, B:16–17
 Cretaceous, B:14, 16
 décollement structures, B:28
 fission-track data, B:105
 lithologic units, A:186
 Oligocene–Miocene, B:494–495
 Paleocene, B:16
 photograph, A:169
 sandstone, A:188
 sedimentation rates, A:184
 thermal history, B:45, 65
 transform faults, A:10–11, 305–306
 Turonian, B:205–206
 veining, B:5
 See also erosional surfaces; hiatuses
 underway geophysics, Sites 959–962, A:61–62
 uplifts
 continent/ocean margin, B:102
 cyclic processes, B:120–121
 exposure, B:71–79
 hydrothermal circulation, B:46
 marginal ridges, A:301
 microstructures, B:18
 thermal events, B:108
 thermal history, B:41
 tilting, B:10
 upwelling
 accumulation rates, B:600
 planktonic foraminifers, B:551–552
 sediments, A:14–15
 uranium logs
 evaluation, B:173–174
 statistical analysis, B:167
 vanillyls. *See* cynnamyls/vanillyls ratio;
 syringyls/vanillyls ratio
 vegetation zones, Africa W, B:558–559
 vein fills, chalcedony, B:4
 veins
 claystone, A:240
 Cretaceous, B:14, 16
 deformation, B:9–10, 14
 mineralogy, A:186
 photograph, A:172
 sediments, A:100–101; B:16
 Stage E, B:77
 structure, A:280–281
 synlithification, B:17
 transform faults, A:303
See also barite veins; calcite veins; kaolinite
 veins; nacrite veins; pyrite veins;
 quartz veins; siderite veins;
 slickensides; Stage E; tectonic veins
 veins, hydrothermal, stages, B:104–105
 velocity
 boreholes, B:242
 multisensor track, A:112–113
 pore fluids, B:229–233
 sediments, B:232–233
 velocimetry, A:113–114
 vs. depth, A:112, 115, 117–119, 196, 199, 249, 286, 289; B:234–235, 239
 vs. porosity, B:233
 vs. traveltime, B:229, 236, 240
 See also acoustic units; compressional wave
 velocity
 velocity logs
 statistical analysis, B:166
 vs. density logs, B:246, 248
 vs. depth, B:231, 235, 239, 244
 vs. porosity logs, B:246, 248
 See also gamma ray–resistivity–sonic logs
 void ratio
 vs. depth, A:114, 198, 248, 288
 See also porosity
 Walvis Ridge, planktonic foraminifers, B:337–338
 water content
 sediments, B:561–562
 vs. depth, A:114, 198, 248, 288; B:563
 water-escape structures
 lithologic units, A:171
 photograph, A:172, 190
 rheology, B:17
 sediments, A:240–241; B:16
 water–methane–carbon dioxide, fluid inclusions, B:50
 well-log units, Site 959, A:117–119
 well logging
 evaluation, B:171–179
 lithology, B:157–170
 physical properties, B:225–240
 Site 959, A:116–123
 Site 960, A:200–204
 See also caliper logs; core-log comparison;
 downhole measurements; gamma ray–
 density–porosity logs; gamma
 ray–resistivity logs; gamma
 ray–resistivity–sonic logs; gamma-ray
 logs; photoelectric effect logs
 well logs, shore-based processing, A:134, 208, 213, 293
 West African Craton, Gondwana, B:94
 wind transport
 palygorskite, B:148–149
 terrigenous organic carbon, B:570–571
 See also eolian processes
 winnowing, sediments, B:599
 wood, Site 959, B:318
 wrench tectonics
 clastic wedges, B:19
 Lower Cretaceous, B:18
 X-ray computed tomography scan analysis, mag-
 netic fabric, B:192
 X-ray diffraction data
 clays, B:57–63
 green grains, B:595

palygorskite clays, B:144–148
Xenascus ghanaensis n. sp., dimensions, B:267
 yellow–brown fragment, Site 959, B:318
 zeolites
 lithologic units, A:164, 229–231, 234
 photograph, A:164, 228
 scanning electron micrograph, B:153, 155

sediments, B:590
 X-ray diffraction data, B:147
See also clinoptilolite
 zircon, fission-track data, B:43–48
 zoning
 biostratigraphy, A:235; B:446–449, 509–523,
 533–538, 575–583
 silicoflagellates, B:493–494
 statistical analysis, B:165–166

Zoophycos
 bedding, A:186
 Coniacian, A:306
 Coniacian–Eocene, B:117–119
 lithologic units, A:77–78, 80, 98–99, 164–166,
 228
 Neogene, A:308
 photograph, A:79, 81, 164

VOLUME 159 TAXONOMIC INDEX

abbreviata, *Ellipsoidina*, Site 959, B:383
abdounensis, *Liesbergia*, Site 959, B:273
abies, *Sphenolithus*
 Site 959, A:88; B:512–513, 518, 576
 Site 960, A:178–179; B:514–515, 518
 Site 961, A:235–236; B:515
 Site 962, A:272; B:516
abisectus, *Cyclicargolithus*
 Site 959, A:89; B:414–415, 510, 512, 516
 Site 960, A:178–179; B:514
abyssoris, *Xestoleberis*, Site 960, B:530
Acaeniotyle amplissima, Site 962, B:368, 373
Acaeniotyle diaphorogona, Site 962, B:368
Acaeniotyle umbilicata, Site 962, B:368, 373
Acanthocircus aff. *multidentatus*?, Site 962,
 B:368, 373
acanthoderma, *Legitimocythere*
 Site 959, B:525
 Site 960, B:525, 530
acanthodes, *Chiphragmalithus*, Site 961, A:236;
 B:421
Acarinina bullbrooki, Site 960, A:182
Acarinina primitiva, Site 959, A:92
Acarinina sp., Site 960, A:182
Acarinina spinuloinflata, Site 960, A:182
acervulatus, *Paratrochaminoides*, Site 959,
 B:404
Achilleodinium bianii, Site 959, B:272
achylostaurion, *Parhabdolithus*, Site 962, A:272
achylosus, *Stoverius*, Site 962, A:272
acostaensis, *Neogloboquadrina*
 Site 959, A:90–91; B:449, 456, 475
 Site 961, A:237; B:462
 Site 962, A:273
 Sites 959–962, B:448, 472
Acritarch forma A, Site 959, B:315
aculeata, *Bulimina*, Site 959, B:606–607, 610
aculeata, *Ramulina*, Site 959, B:384, 386
acuminatum, *Dinogyminium*, Site 959, B:278–279,
 299
acuminatum, *Isabelidinium*, Site 959, B:257
acutangula, *Tristix*, Site 962, B:355, 361
acutus, *Ceratolithus*
 Site 959, A:88; B:518
 Site 960, A:178–179; B:514
 Site 961, A:235
adamanteus, *Discoaster*
 Site 959, A:89

Site 961, A:236; B:515
Adnatosphaeridium multispinosum, Site 959,
 B:257, 272
adolphina, *Stilostomella*, Site 959, B:606, 608,
 610
adriennis, *Leiotriletes*, Site 959, A:93
advena, *Nodosarella* cf., Site 960, B:444
aequilateralis, *Globigerina*, Site 959, A:91
africaensis, *Triorites*, Site 962, B:258, 276, 287,
 317, 486
africaensis, *Triorites* cf. *Triorites*, Site 962, B:317
africana n. sp., *Pyramidina*, Site 960, B:433,
 438–439, 443
Afropollis sp.
 Site 959, B:255, 482
 Site 960, B:257, 485
 Site 961, B:258, 275
Afropollis spp., Côte d'Ivoire–Ghana continental
 margin, B:254–255
Agrenocythere hazelae
 Site 959, B:525
 Site 960, B:525, 530
Agrenocythere spinosa, Site 959, B:530
Ahmullerella octoradiata, Site 959, B:323
akersi, *Clavigerina*, Site 960, A:182
alanii, *Fasciculithus*, Site 959, A:89
alatus, *Lithraphidites*, Site 962, A:272
albertensis, *Neobulimina*, Site 962, B:356, 362
albianus, *Axopodorhabdus*
 Atlantic Ocean E, B:320
 Site 959, A:90; B:323
 Site 962, A:272; B:324
alexanderi, *Stilostomella*, Site 959, B:384
Alievum sculptus, Site 962, B:364, 368, 373
Alterbidinium varium, Site 959, B:257, 272, 305
altiapertura, *Globigerinoides*
 Site 960, B:476
 Sites 959–960, B:468–469
altispira, *Dentoglobigerina*
 Site 960, A:180–181; B:457
 Site 961, A:237; B:462
 Site 962, A:273; B:462
 Sites 959–962, B:448, 466
altispira, *Dentogloboquadrina*, Site 959,
 A:90–91; B:449, 479
Alysogyminium euclaense, Site 959, B:299
Amaurolithus amplificus, Site 959, A:88; B:512
Amaurolithus bizarus, Site 960, B:514

Amaurolithus delicatus
 Site 959, A:88; B:512, 537
 Site 960, A:178–179; B:513
 Site 961, A:235; B:515
Amaurolithus delicatus Subzone, Site 959, A:88;
 B:537
Amaurolithus primus
 Site 959, A:88; B:510, 512, 517, 537
 Site 960, A:178
 Site 961, A:235; B:515
Amaurolithus spp.
 Site 959, B:512, 518
 Site 960, A:178
Amaurolithus tricorniculatus, Site 959, A:88;
 B:512, 537
ambonoides, *Ephedripites*, Site 961, B:275
Ammobaculites sp., Site 959, B:406
Ammobaculites spp., Site 959, B:395
Ammodiscus cretaceus, Site 959, B:404
Ammodiscus glabratus, Site 959, B:410
ammophila, *Hanzawaia*, Site 960, B:435
Ammoscalaria sp., Site 959, B:406
Ammosphaeroidina pseudopauciloculata, Site
 959, B:407
amplexus, *Riculacysta*, Site 959, B:484
ampliaperta, *Helicosphaera*
 Site 959, A:89; B:512, 516–517
 Site 960, A:178–179; B:513–514
 Site 961, A:236
amplificus, *Amaurolithus*, Site 959, A:88; B:512
amplissima, *Acaeniotyle*, Site 962, B:368, 373
ampullacea, *Uvigerina*, Site 959, B:606, 608
anambra, *Bolivina*
 Site 959, B:376, 378–379, 382, 387
 Site 962, B:356, 361
anarrhopus, *Sphenolithus*, Site 959, A:89
Andalusiella gabonensis, Site 959, B:305
Andalusiella group, Site 959, B:257
Andalusiella ivoirensis, Site 959, B:257, 272
Andalusiella mauthiei mauthiei, Site 959, B:272
Andalusiella rhomboides, Site 959, B:272
Andalusiella spp., Site 959, B:257, 484
andreevi, *Buttinia*
 Site 959, A:93; B:285, 317
 Site 960, B:285
 Site 962, B:287
anglicum, *Crucicribrum* sp. cf. *Crucicribrum*, Site
 962, A:272

- angolae*, *Hedbergella*, Site 962, A:273; B:336–338, 341
- angolae*, *Hedbergella* sp. cf. *Hedbergella*, Site 962, A:273; B:336
- anguisuturalis*, *Globigerina*, Site 959, A:92
- angularis*, *Liliasterites*
Atlantic Ocean E, B:319
Site 959, B:323
Site 960, B:323
- angulata*, *Giraffospyris*, Site 962, A:273
- Angulobracchia digita*, Site 962, B:368, 373
- Angulolithina arca*, Site 962, A:272
- angustus*, *Rhagodiscus*, Site 959, A:90; B:323
- annetorpense*, *Fibradinium*, Site 959, B:273
- annosa*, *Theocyrtis*, Site 961, A:238
- Anomalinoidea globulosus*, Site 961, A:237
- Anomalinoidea semicribratus*
Site 960, B:443
Site 961, A:237
- Anthocyrtidium ophirensis*, Site 962, A:273
- anthophora*, *Tholospyris*, Site 962, A:273
- anthophorus*, *Reinhardtites*
Site 959, A:90; B:323
Site 960, B:324
- Apectodinium* group, Site 959, B:257
- aperta*, *Gephyrocapsa*
Site 959, A:87; B:512–513, 534
Site 960, B:514
Site 962, A:271; B:516
- apertura*, *Globoturborotalita*
Site 960, B:476
Sites 959–961, B:472
- apicata*, *Theocampe*, Site 962, B:366, 371–372
- apiculata*, *Bachmannocena*, Site 959, A:92
- apiculata*, *Corbisema*, Site 959, B:497, 505
- apiculata apiculata*, *Bachmannocena*, Site 959, B:494–495, 505
- apiculata glabra*, *Bachmannocena*, Site 959, B:494–495, 505
- apiculata inflata*, *Bachmannocena*, Site 959, B:495
- apiculata* var. 1, *Corbisema*, Site 959, B:497
- aprica*, *Whiteinella*, Site 959, B:378
- aprica*, *Whiteinella* sp. cf. *Whiteinella*, Site 960, B:336, 345
- Aquillapollenites* spp., Site 959, A:93
- aragonensis*, *Aragonia*, Site 960, B:444
- Aragonia aragonensis*, Site 960, B:444
- Aragonia velascoensis*
Côte d'Ivoire-Ghana continental margin,
A:307
Site 961, A:238
- Araucariacites australis*
Site 959, A:93
Site 961, B:275
- arca*, *Angulolithina*, Site 962, A:272
- archaea*, *Lithochytris*, Site 961, A:238
- archaeocretacea*, *Whiteinella*, Site 959, B:378, 488
- Archaeodictyomitra crebrisulcata*, Site 962, B:368, 372
- Archaeodictyomitra pseudocaris*, Site 962, A:273
- Archaeodictyomitra simplex*, Site 962, A:273; B:368, 372
- Archaeodictyomitra* spp., Site 962, A:273
- Archaeoglobigerina blowi*
Site 959, B:335, 345
Site 960, A:182; B:336, 344
- Archaeoglobigerina cretacea*
Site 959, B:335, 345
Site 960, A:182; B:336
- Archaeospongoprunum carrierensis*, Site 962, B:368, 372
- Archaeospongoprunum cortinaensis*, Site 962, A:273
- Archaeospongoprunum* sp., Site 962, B:368, 372
- archeomenardii*, *Globorotalia*
Site 959, A:91; B:475
Site 960, A:181
Sites 959–960, B:469
- Areoligera coronata*, Site 959, B:279, 303
- Areoligera* group, Site 959, B:257
- Areoligera senonensis*, Site 959, B:279, 301
- Areoligera volata*, Site 959, B:272
- armatus*, *Ceratolithus*, Site 960, A:178–179; B:514, 518
- asanoi*, *Reticulofenestra*, Site 962, A:272
- Aschemocella grandis*, Site 959, B:410
- Aschemocella* sp., Site 959, B:410
- asper*, *Rhagodiscus*, Site 962, A:272
- aspera*, *Nodosaria*, Site 959, B:383, 385
- asperum*, *Chrysalogonium*, Site 960, B:441
- Astacolus calliopsis*, Site 962, B:355, 361
- Astacolus parallelus*, Site 959, B:382, 385
- Astacolus* spp., Site 959, B:378
- asymetrica*, *Dicarinella*
Site 959, B:390, 483
Site 960, B:336
- asymmetricus*, *Discoaster*
Site 959, A:88; B:510, 512, 534, 537, 576
Site 960, A:177–179; B:514–515, 518
Site 961, A:235; B:515
Site 962, A:272; B:516
- atlanticus*, *Liliasterites*, Site 960, B:323, 469
- atlanticus*, *Lithastrinus*, Atlantic Ocean E, B:320
- atlanticus crassus*, *Coccolithus*, Site 959, B:416
- atlantisae*, *Stilostomella*, Site 960, B:443
- auctificum*, *Cribroperidinium* cf. *Cribroperidinium*, Site 962, B:315
- auritus*, *Botryostrobus*, Site 962, A:273
- auritus*, *Triquetrorhabdulus*, Site 960, A:178
- australensis*, *Pterospermopsis*, Site 959, B:315
- australinum*, *Palaeocystodinium*, Site 959, B:273, 279, 282, 305
- australis*, *Araucariacites*
Site 959, A:93
Site 961, B:275
- australis*, *Charltonina*, Site 962, B:356
- australis*, *Hornibrookina*, Site 959, B:416
- avitus*, *Prediscosphaera*, Site 962, A:272; B:342
- axialis*, *Fibrocysta*, Site 959, B:273
- Axopodorhabdus albianus*
Atlantic Ocean E, B:320
Site 959, A:90; B:323
Site 962, A:272; B:324
- Axoprunum stauraxonium*, Site 962, A:273
- babylonis*, *Sethochytris*
Site 960, A:182
Site 961, A:238
- Bachmannocena apiculata*, Site 959, A:92
- Bachmannocena apiculata apiculata*, Site 959, B:494–495, 505
- Bachmannocena apiculata glabra*, Site 959, B:494–495, 505
- Bachmannocena apiculata inflata*, Site 959, B:495
- Bachmannocena diodon*, Site 959, B:495
- Bachmannocena elliptica*
Site 959, A:92; B:493, 495–496, 505
Site 962, A:273
- Bachmannocena triodon*, Site 959, B:496, 505
- balbis*, *Spongatractus*, Site 961, A:238
- Bandyella greatvalleyensis*, Site 959, B:382, 386
- barbadiensis*, *Discoaster*
Site 959, A:89
Site 960, A:178–179; B:417, 431
Site 961, A:236
- barbadiensis/elegans*, *Discoaster*
Site 959, B:416
Site 960, B:419
- barghoornii*, *Gnetaceapollenites*, Site 962, B:275
- barnesae*, *Watznaueria*
Site 959, A:90; B:323
Site 960, A:178, 180
Site 961, A:234, 236; B:285
Site 962, A:272; B:324
- beccariiiformis*, *Gavelinella*, Site 959, B:391
- beccariiiformis*, *Stensioina*, Site 961, A:238
- Beella digitata*
Site 959, B:466, 479
Site 960, B:466
- Beella praedigitata*
Site 959, B:466
Site 960, B:466
- bejuui* n. sp., *Spiniferites*, Site 959, B:266, 274
- belemnus*, *Sphenolithus*
Site 959, A:89; B:512, 516, 534
Site 960, A:178–179; B:513–514
- bellus*, *Discoaster*, Site 961, A:236
- bentonensis*, *Globigerinelloides*, Site 962, A:273; B:337–338, 342
- berggrenii*, *Discoaster*
Site 959, A:88; B:512, 534
Site 961, A:235–236; B:515
- bermudezi*, *Clavatorella*
Site 959, B:466, 479
Site 960, B:479
- bermudezi*, *Matazia* sp. cf. *Matazia*, Site 961, A:237
- Berthelina intermedia*
Site 959, B:348, 352
Site 962, B:357, 362
- Berthelina* spp., Site 962, B:348
- beveiri*, *Broinsonia*, Site 962, A:272
- biacuta*, *Guttacapsa*, Site 962, B:364, 369, 372
- bianii*, *Achilleodinium*, Site 959, B:272
- biapiculata*, *Naviculopsis*, Site 959, A:92; B:494, 502, 508
- biapiculata nodulifera*, *Naviculopsis*, Site 959, B:502, 508
- biapiculata* var. 1, *Naviculopsis*, Site 959, B:494, 502, 508
- biapiculata* var. 2, *Naviculopsis*, Site 959, B:494, 502, 508
- biapiculata* var. 3, *Naviculopsis*, Site 959, B:502, 508
- bicorne*, *Strichtopilium*, Site 962, A:273
- bifax*, *Discoaster*, Site 959, A:89
- bifidum*, *Exochosphaeridium*, Site 959, B:272, 303
- “Biglobigerinella”* sp., Site 962, A:273
- bijugatus*, *Zygrhablithus*
Site 959, B:415–416
Site 960, A:179; B:421
- bilobata*, *Orbulina*, Sites 959–962, B:473
- binodosus*, *Discoaster*
Site 959, A:89
Site 960, A:178–180; B:417, 419, 431
Site 961, A:236
- bipolaris*, *Fibrocysta*, Site 959, B:285, 311, 313, 484
- bipolaris*, *Fibrocysta* cf. *Fibrocysta*, Site 959, B:311
- biporta*, *Watznaueria*, Site 960, A:178
- birnageae*, *Fohsella*
Site 959, B:466, 475
Site 960, B:466
Site 961, B:462
- birnageae*, *Globorotalia*
Site 959, A:92
Site 961, A:237
- Biscutum constans*, Site 962, A:272; B:324, 327

- Biscutum ellipticum*, Site 962, A:272
Biscutum salebrosum, Site 962, B:324, 327
bisectus, *Dictyococcites*
 Site 959, A:89; B:414–415
 Site 960, A:179
bisphericus, *Globigerinoides*
 Site 959, B:457, 476
 Site 960, B:476
 Sites 959–962, B:446, 468
Biticinella sp., Site 962, B:337–339, 343
bitrifida, *Rhombaster*, Site 959, A:89; B:415
bizarus, *Amaurolithus*, Site 960, B:514
Blackites spinosus, Site 960, A:179
blowi, *Archaeoglobigerina*
 Site 959, B:335, 345
 Site 960, A:182; B:336, 344
bolivariana, “*Hastigerina*,” Site 960, A:182
Bolivina anambra
 Site 959, B:376, 378–379, 382, 387
 Site 962, B:356, 361
Bolivina pygmaea, Site 959, B:379
Bolivina sp. 1
 Site 959, B:348, 379
 Site 962, B:349, 352, 356
bollii, *Discoaster*
 Site 959, B:512–513
 Site 960, A:179; B:510, 513–514
 Site 961, B:515
bollii, *Globigerinoides*, Sites 959–960, B:469
boloniense, *Cerodinium*, Site 959, B:301
Botryococcus spp., Site 959, A:93
Botryostrobus auritus, Site 962, A:273
braarudii, *Discoaster*
 Site 959, A:88
 Site 960, A:178–179
 Site 961, A:236
Bradeleya dictyon
 Site 959, B:525
 Site 960, B:525, 531
bradyi, *Cibicidoides*, Site 961, A:237
bramlettei, *Tribrachiatus*, Site 959, B:416
brasiliensis, *Classopollis*
 Site 961, B:258
 Site 962, B:258, 275, 486–487
Brevicolporites sp., Site 960, B:317
breviloculum, *Chrysalogonium* cf., Site 960, B:441
brevis, *Pleurostomella*, Site 960, B:444
brevispina, *Dictyocha*, Site 959, A:92
britannica, *Ellipsogelasphaera*
 Site 959, A:90; B:323
 Site 962, B:324
Broinsonia beveiri, Site 962, A:272
Broinsonia dentata, Site 962, A:272
Broinsonia signata, Site 962, A:272
Broinsonia spp., Site 962, A:272
brouweri, *Discoaster*
 Site 959, A:87; B:512, 534, 537
 Site 960, A:177–179; B:514–515
 Site 961, A:235–236; B:515
 Site 962, A:272; B:516
buciniferum, *Oligosphaeridium*, Site 962, B:258
Bulbobaculites problematicus, Site 959, B:406
Bulbobaculites sp., Site 959, B:378
Bulbobaculites sp.–*Recurvovoides* sp. assemblage,
 Site 959, B:378
Bulimina aculeata, Site 959, B:606–607, 610
Bulimina glomarchallengeri, Site 960, B:434, 442
Bulimina impendens, Site 960, B:442
Bulimina macilenta, Site 960, B:442
Bulimina marginata, Site 959, B:606–607, 610
Bulimina rostrata, Site 959, B:606–607, 610
Bulimina semicostata, Site 960, B:442
Bulimina spp.
 Côte d’Ivoire-Ghana continental margin,
 A:307
 Site 960, B:433
 Site 961, A:237
 Site 962, B:348
Bulimina trinidadensis, Site 960, B:442
Buliminella cf. *gabonica*, Site 959, B:378–379
Buliminella gabonica altispira, Site 959, B:382
Buliminella sp. cf. *gabonica altispira*, Site 959,
 B:382, 386
Buliminella spp., Site 959, B:378
bullata, *Hemibulimina*, Site 959, B:383
bullbrookii, *Acarinina*, Site 960, A:182
bulletta, *Dorothia*, Site 959, B:409
bulloides, *Globigerina*
 Site 959, A:90; B:467
 Site 960, A:180; B:467
 Site 961, A:236–237; B:467
bulloides, *Pullenia*, Site 961, A:237
bulloides, *Sphaeroidina*, Site 961, A:237
bulloideus, *Globigerinoides*, Sites 959–960, B:468
Buntonia cf. *rosenfeldi*
 Site 959, B:525, 531
 Site 960, B:525
Buntonia mackenziei
 Site 959, B:525, 531
 Site 960, B:525
Buryella clinata–*Phormocyrtis striata striata*
 Zones, Site 961, B:421
Buttinia andreevi
 Site 959, A:93; B:285, 317
 Site 960, B:285
 Site 962, B:287
Buzasina sp., Site 959, B:411

calathus, *Chiphragmalithus*, Site 961, A:236;
 B:421
calcaris, *Discoaster*
 Site 959, B:512
 Site 960, B:513–514
 Site 961, A:236; B:515
Calcidiscus leptopus
 Site 959, B:513, 576
 Site 960, A:178; B:515
 Site 961, A:234–235; B:515
 Site 962, B:516
Calcidiscus macintyre
 Site 959, A:87–88; B:512, 519, 534
 Site 960, A:177–179; B:514–515
 Site 961, A:234–236; B:515
 Site 962, B:516
Calcidiscus macintyre Subzone, Site 959, B:534
Calculus obscurus?, Site 959, A:90
calida, *Globigerinella*
 Site 959, B:467
 Site 960, B:467
californica, *Danea*, Site 959, B:257, 272
californicum, *Damassadinium*, Site 959, B:484
calliopsis, *Astacolus*, Site 962, B:355, 361
Calocycletta costata, Site 962, A:273
Calocycletta costata Zone, Site 962, A:273, 276
Calocycletta robusta, Site 962, A:273
Calocycletta serrata, Site 961, A:238
Calocycletta virginis, Site 962, A:273
calyculus, *Catinaster*
 Site 959, B:512–513, 517
 Site 960, B:513
 Site 961, B:515
Campylosphaera dela, Site 960, A:178–179;
 B:430
Campylosphaera eodela, Site 959, A:89; B:415
Candeina nitida
 Site 959, A:91; B:477
 Sites 959–961, B:466

Canningia senonica, Site 959, B:279, 299
Cannopilus iidaensis, Site 959, B:496
Cannopilus schulzii, Site 959, B:496
Cannopilus schulzii forma *longispinus*, Site 959,
 B:497
cantabriae, *Heliolithus*, Site 959, A:89
caperatus, *Rugulatisporites*, Site 959, B:279, 317
capricornutus, *Sphenolithus*, Site 959, B:415
caribbeanica, *Gephyrocapsa*
 Site 959, A:87; B:512–513, 519, 534, 576
 Site 960, A:178–179; B:514–515, 519
 Site 961, A:234; B:515
 Site 962, B:516
carinatus, *Triquetrorhabdulus*
 Site 959, A:89; B:510, 512
 Site 960, A:178–179; B:418, 513–514
carrierensis, *Archaospongoprimum*, Site 962,
 B:368, 372
carteri, *Helicosphaera*
 Site 959, B:512
 Site 960, B:514
 Site 962, B:516
caseyi, *Globigerinoides*, Site 962, A:273;
 B:336–338, 342
Cassidulina laevigata, Site 959, B:606–607, 610
castanea, *Trichodinium*
 Site 959, B:279, 301
 Site 962, B:285, 287
castanea bifidum, *Trichodinium*, Site 959, B:257,
 274, 484
castelaini, *Elaterocolpites*, Site 962, B:258, 276
castelaini, *Elaterosporites*, Site 962, B:317
castelcasiense, *Cyclonephelium?*, Site 959, B:279,
 282
Catapsydrax dissimilis
 Site 959, A:92
 Site 960, A:181; B:457, 466, 479
 Site 961, A:237
 Sites 959–962, B:446
Catapsydrax unicavus
 Site 960, B:457, 466
 Sites 959–962, B:446
catenula, *Laevidentalina*, Site 962, B:383, 385
Catinaster calyculus
 Site 959, B:512–513, 517
 Site 960, B:513
 Site 961, B:515
Catinaster coalitus
 Site 667, B:519
 Site 959, A:88; B:512, 517
 Site 960, A:178, 184; B:513–514
 Site 961, A:236; B:515
Catinaster mexicana
 Site 959, A:88
 Site 960, B:514
 Site 961, B:515
Caucasina? n? sp., Site 960, B:433, 439, 444
Caudamina gigantea, Site 959, B:390, 392, 395,
 397, 484
Caudamina gigantea Zone, Site 959, B:484
Caudamina gigantea–*Uvigerinamina jankoi*
 overlap zone,
 Site 959, B:390
Caudamina ovula, Site 959, B:407
Caudamina ovuloides, Site 959, B:407, 410
Caudamina ovulum gigantea Zone, Site 959,
 B:396
causea, *Galeacornea*, Site 962, B:258, 276
cava, *Ericsonia*, Site 961, A:236
Cavaspongia euganea, Site 962, B:364, 368–369,
 373
Cavaspongia sphaerica, Site 962, B:364, 369, 373
Cavaspongia spp., Site 962, B:366
celineae, *Impagidinium*, Site 959, B:257, 273

- cenomana*, *Schackoina* sp. cf. *Schackoina*, Site 962, A:273; B:339, 343
- cenomaniense*, *Pervosphaeridium*, Site 962, B:258
- Ceratolithus acutus*
Site 959, A:88; B:518
Site 960, A:178–179; B:514
Site 961, A:235
- Ceratolithus armatus*, Site 960, A:178–179; B:514, 518
- Ceratolithus cristatus*, Site 961, A:235
- Ceratolithus rugosus*
Site 959, A:88
Site 960, A:179; B:514–515
Site 961, A:235
Site 962, A:272; B:516
- Ceratolithus separatus*, Site 961, A:235
- Ceratolithus* spp.
Site 959, B:512
Site 962, B:516
- Cerodinium boloniense*, Site 959, B:301
- Cerodinium* cf. *Cerodinium leptodermum*
Site 959, B:287
Site 962, B:287
- Cerodinium diebelii*, Site 959, B:257, 272, 279, 285, 301
- Cerodinium granulostriatum*, Site 959, B:257, 272
- Cerodinium leptodermum*, Site 959, B:257, 279
- Cerodinium obliquipes*, Site 959, B:301
- Cerodinium* sp.
Site 959, B:279
Site 960, B:285
Site 962, B:285
- Cerodinium* sp. A, Site 959, B:305
- Cerodinium speciosum*, Site 959, B:279
- Cerodinium striatus*, Site 959, B:309
- chabanis*, *Damassadinium*, Site 959, B:484
- chalara*, *Podocyrthis*, Site 960, A:182
- challengeri*, *Dictyocha*, Site 959, B:498
- challengeri*, *Discoaster*
Site 959, A:88; B:534
Site 961, A:235–236
Site 962, A:272
- Charltonina australis*, Site 962, B:356
- charoides*, *Glomospira*
Site 959, B:404
Site 962, B:353, 360
- Chenopodipollis* sp., Site 960, B:285, 317
- Chiasmolithus consuetus*
Site 960, B:430
Site 961, A:236
- Chiasmolithus expansus*, Site 960, A:178–179
- Chiasmolithus gigas*
Site 959, B:416
Site 960, B:418
- Chiasmolithus grandis*
Site 959, A:89; B:416
Site 960, A:178–179; B:417, 430
- Chiasmolithus oamaruensis*, Site 959, B:416
- Chiasmolithus solitus*
Site 959, A:89; B:416
Site 960, A:178–179, 184; B:417, 430, 514
Site 961, A:236
Site 962, A:272
- chileana*, *Stilostomella*, Site 960, B:442
- Chiphragmalithus acanthodes*, Site 961, A:236; B:421
- Chiphragmalithus calathus*, Site 961, A:236; B:421
- chmurae*, *Gemmatricolpites*, Site 959, B:257
- chmurae*, *Gemmatricolpites* cf., Site 959, B:257
- Chrysalogonium asperum*, Site 960, B:441
- Chrysalogonium* cf. *breviloculum*, Site 960, B:441
- Chrysalogonium* cf. *tenuiscostatum*, Site 960, B:441
- Chrysalogonium laeve*, Site 960, B:441
- Chrysalogonium* spp., Site 960, B:433
- Chrysalogonium vicksburgense*, Site 960, B:438, 441
- “*Chytroeisphaeridia everricula*,” Site 959, B:303
- Chytroeisphaeridia* sp. A, Site 959, B:307
- cibaensis*, *Globorotalia*
Site 959, A:91; B:449, 477
Site 960, A:180; B:457
Site 961, A:237
Sites 959–962, B:469
- Cibicides wuellerstorfi*
Site 959, B:540–541, 545–554
Site 961, A:237
- Cibicoides bradyi*, Site 961, A:237
- Cibicoides dayi*, Site 959, B:382
- Cibicoides eoecanus*, Site 960, B:435
- Cibicoides grimsdalei*, Site 960, B:433, 444
- Cibicoides havanensis*, Site 961, A:237
- Cibicoides mundulus*, Site 959, B:606–607, 610
- Cibicoides* spp., Côte d’Ivoire-Ghana continental margin, A:307
- Cicatricosisporites* sp., Site 959, B:255
- ciperoensis*, *Globigerina*, Site 959, A:92
- ciperoensis*, *Sphenolithus*
Site 959, A:89; B:414–415
Site 960, A:179; B:513–514
- Circulina parva*, Site 962, B:287, 317
- Circulodinium distinctum*, Site 959, B:279, 299
- Circulodinium* sp. A, Site 959, B:299
- Circulodinium vannophorum*, Site 959, B:278
- cladoides*, *Dinopterygium*, Site 962, B:258
- Classopollis brasiliensis*
Site 961, B:258
Site 962, B:258, 275, 486–487
- Classopollis* sp.
Site 959, B:255
Site 961, B:258
Site 962, B:258, 275
- Clavatipollenites* sp., Site 959, A:93
- Clavatorella bermudezi*
Site 959, B:466, 479
Site 960, B:479
- claviger*, *Rhabdosphaera*
Site 960, A:179
Site 961, A:235
- Clavigerinella akersi*, Site 960, A:182
- Clavigerinella colombiana*, Site 960, A:182
- Clavigerinella eocanica*, Site 960, A:182
- Clavigerinella gr. eocanica*, Site 960, B:434, 444
- Clavigerinella* spp., Site 960, B:433
- Clavulinoides* sp., Site 959, B:409
- Cleistosphaeridium flexuosum*, Site 959, B:313
- clinatus*, *Fasciculithus*, Site 961, A:236
- coalitus*, *Catinaster*
Site 667, B:519
Site 959, A:88; B:512, 517
Site 960, A:178, 184; B:513–514
Site 961, A:236; B:515
- Coccolithus crassus*, Site 959, B:416
- Coccolithus eopelagicus*, Site 959, B:512
- Coccolithus formosus*, Site 960, A:178–179; B:417, 430
- Coccolithus magnicrassus*, Site 960, A:179
- Coccolithus miopelagicus*
Site 959, B:512
Site 960, A:178–179; B:514
Site 961, A:236
- Coccolithus pelagicus*
Site 959, B:415, 512, 576
Site 960, A:179
Site 961, A:234–236
- Coccolithus staurion*, Site 960, A:179
- colligerum*, *Diphyes*, Site 959, B:279, 309
- colligerum*, *Diphyes* cf. *Diphyes*, Site 959, B:309
- collis*, *Eifellithus*, Site 962, A:272; B:324
- colombiana*, *Clavigerinella*, Site 960, A:182
- columnata*, *Prediscosphaera*
Site 959, A:90; B:323
Site 962, A:272; B:324
- Cometodinium* sp. cf. *Cometodinium? whitei*, Site 959, B:301
- communis*, *Stichomitra*, Site 962, B:364, 370, 372
- communis?*, *Stichomitra*, Site 962, A:273
- compactum*, *Cyclonephelium*, Site 959, B:307
- compactus*, *Sphenolithus*, Site 961, A:236; B:515
- complanata*, *Planularia*
Site 959, B:383, 385
Site 962, B:355, 361
- complex*, *Oligosphaeridium*, Site 959, B:299
- Complexipollenites* sp., Site 959, A:93
- conara*, *Cryptamphorella*, Site 962, B:369, 373
- concava*, *Micula*
Site 959, A:90; B:323
Site 960, A:178; B:324
- concovata*, *Dicarinella*, Site 960, A:182; B:335–336
- concovata*, *Dicarinella(?)*, Site 959, B:335 345
- concovata-asymerica*, *Dicarinella*, Site 960, A:182
- ?*concentrica*, *Cromyodruppa*, Site 962, B:366, 369, 373
- conglobatus*, *Globigerinoides*
Site 959, B:468
Site 960, B:468
Site 962, A:273
- conicus*, *Sphenolithus*, Site 960, A:178
- connecta*, *Globigerina*, Site 959, A:92
- Conorotalites michelinianus*, Site 959, B:383, 386
- Conorotalites* spp., Site 959, B:378
- Conotrochammina* cf. *whangaia*, Site 959, B:408
- Conotrochammina whangaia*, Site 959, B:390–391, 411
- conspicuus*, *Sphenolithus*, Site 959, A:89
- constans*, *Biscutum*, Site 962, A:272; B:324, 327
- constricta*, *Naviculopsis*, Site 959, B:494, 502, 508
- constricta* var. 1, *Naviculopsis*, Site 959, B:502, 508
- constricta* var. 2, *Naviculopsis*, Site 959, B:502, 508
- consueta*, *Cytherella* cf., Site 959, B:529
- consuetus*, *Chiasmolithus*
Site 960, B:430
Site 961, A:236
- continuosa*, *Neogloboquadrina*, Sites 959–960, B:472
- contortus*, *Marthasterites*, Site 960, A:179–180
- contortus*, *Tribrachiatum*
Site 959, A:89; B:416
Site 960, B:419
- contraria*, *Naviculopsis*
Site 959, A:92; B:502
Site 962, A:273
- Contusotruncana fornicata*, Site 960, B:336, 344
- convallis*, *Minylitha*
Site 959, B:512–513, 517
Site 960, A:178–179; B:510, 513–514
Site 961, B:515
- conversa*, *Karrerulina*, Site 959, B:392, 406
- cooksoniae*, *Florentinia*, Site 959, B:309
- cooksoniae*, *Isabelidium*, Site 960, B:285, 315
- Corbisema apiculata*, Site 959, B:497, 505
- Corbisema apiculata* var. 1, Site 959, B:497
- Corbisema apiculata* Zone, Site 959, A:92; B:494–495, 500
- Corbisema hastata globulata*, Site 959, A:92; B:494, 497

- Corbisema hastata hastata*, Site 959, B:494
Corbisema triacantha, Site 959, B:493
Corbisema triacantha mediana, Site 959, A:92; B:497
Corbisema triacantha mediana Subzone, Site 959, A:92
Corbisema triacantha triacantha
 Site 959, A:92; B:493–494, 497, 505
 Site 962, A:273
Corbisema triacantha var. 1, Site 959, B:497, 505
Corbisema triacantha Zone, Site 959, B:493, 495–497
Cordosphaeridium cf. *Cordosphaeridium inodes*, Site 959, B:272, 307
Cordosphaeridium exilimurum, Site 959, B:279, 282, 307
Cordosphaeridium fibrospinosum, Site 959, B:279, 303
Cordosphaeridium inodes, Site 959, B:279, 282, 309
Cordosphaeridium sp. A, Site 959, B:307
Cordosphaeridium varians, Site 959, B:272
cornutus cornutus, *Spiniferites*, Site 959, B:274
cornutus laevimurus, *Spiniferites*, Site 959, B:309
Corollina jardinei, Site 962, B:287, 317
Corollina torosus, Site 962, B:287, 317
Corollithion kennedyi, Site 962, B:324
Corollithion signum, Site 962, A:272; B:324
coronadventis, *Gephyrorhabdus*, Site 962, A:272
coronata, *Areoligera*, Site 959, B:279, 303
coronatum, *Torculum*, Site 962, B:371–372
Coronifera oceanica, Site 959, B:299
Coronocyclus nitescens
 Site 959, A:88–89; B:512, 517, 534
 Site 960, B:513–514
 Site 961, A:236; B:515
Corrugatisporites ivoriensis, Site 959, B:279
cortinaensis, *Archaeospongoprunum*, Site 962, A:273
costata, *Calocycletta*, Site 962, A:273
Costellagerina libyca, Site 962, B:336–338, 341
costellata, *Hedbergella*, Site 962, A:273
crassaformis, *Globorotalia*
 Site 959, A:90–91; B:449, 456, 477, 540–541, 545–554
 Site 960, A:180
 Site 961, A:236–237
 Site 962, A:273; B:465
 Sites 959–962, B:469
crassimarginatum, *Cyclonephelium*, Site 959, B:307
crassula, *Globorotalia*, Site 959, A:90; B:469
crassus, *Coccolithus*, Site 959, B:416
crebrisulcata, *Archaeodictyomitra*, Site 962, B:368, 372
crenulata, *Stradneria*, Site 962, A:272
crepida, *Cryptamphorella*, Site 962, B:366, 369, 373
Cretacaeiporites sp., Site 962, B:276
cretacea, *Archaeoglobigerina*
 Site 959, B:335, 345
 Site 960, A:182; B:336
cretacea, *Guembelitra*, Site 960, A:182
cretacea, *Prediscosphaera*
 Site 960, A:178, 180
 Site 961, B:421
cretaceum, *Dinogymnium*, Site 959, B:278, 299
cretaceus, *Ammodiscus*, Site 959, B:404
Cribroperidinium cf. *Cribroperidinium auctificum*, Site 962, B:315
Cribroperidinium wetzelii, Site 959, B:279, 309
Cribrostomoides sp., Site 959, B:408, 411
cristata, *Nannotetrina*
 Site 959, A:89
 Site 960, A:184
cristatus, *Ceratolithus*, Site 961, A:235
Cromyodruppa ?concentrica, Site 962, B:366, 369, 373
Cromyodruppa spp., Site 962, B:366
crowlei, *Lagena*, Site 960, B:438, 441
Crucella irwini, Site 962, B:369, 373
Crucella messinae, Site 962, A:273; B:369, 373
Crucicribrum sp. cf. *Crucicribrum anglicum*, Site 962, A:272
cruciformis, *Discoaster*, Site 960, A:178–179; B:431
Cruciplacolithus frequens, Site 959, A:90
Cruciplacolithus barbadiensis
 Site 959, A:89
 Site 960, A:178–179; B:417, 431
 Site 961, A:236
Cruciplacolithus tenuis
 Site 959, B:512
 Site 961, A:236
crux, *Distephanus*, Site 959, B:493–494, 500–501, 506
crux crux, *Distephanus*, Site 959, A:92
Crybelosporites pannuceus, Site 962, B:275
Cryptamphorella canara, Site 962, B:369, 373
Cryptamphorella crepida, Site 962, B:366, 369, 373
Cryptamphorella sp., Site 962, B:369, 373
Cryptamphorella spp., Site 962, B:366
Cyathidites minor, Site 961, B:285, 317
Cyclapophysis monmouthensis, Site 959, B:279, 282, 307, 484
Cyclicargolithus abisectus
 Site 959, A:89; B:414–415, 510, 512, 516
 Site 960, A:178–179; B:514
Cyclicargolithus floridanus
 Site 959, A:89; B:414, 510, 512–513, 517
 Site 960, A:178–179; B:418, 513–514
 Site 961, A:235–236; B:515
Cyclicargolithus gammation
 Site 960, A:178–179
 Site 961, A:236; B:421
Cyclicargolithus reticulatus, Site 959, B:416
Cyclogelasphaera margerelii, Site 962, A:272
Cyclonephelium cf. *Cyclonephelium paucispinum*, Site 959, B:307
Cyclonephelium compactum, Site 959, B:307
Cyclonephelium crassimarginatum, Site 959, B:307
Cyclonephelium deconinckii, Site 959, B:272
Cyclonephelium sp. A, Site 959, B:307
Cyclonephelium vannophorum, Site 959, B:299
Cyclonephelium? castelcasiense, Site 959, B:279, 282
cylindrica, *Rhabdammina*, Site 959, B:392, 404
cylindroides, *Pyralina*
 Site 959, B:384–385
 Site 962, B:356
Cyrtocapsella tetrapera, Site 962, A:273
Cytherella cf. *consueta*, Site 959, B:529
Cytherella serratula
 Site 959, B:525, 529
 Site 960, B:525
Dactyliosphaera lepta, Site 962, B:364, 369, 372
Dactyliosphaera silviae, Site 962, B:369, 372
Dactyliosphaera spp., Site 962, B:366
Daktylethra punctulata, Site 959, B:416
Damassadinium californicum, Site 959, B:484
Damassadinium chabanis, Site 959, B:484
Damassadinium fibrosa, Site 959, B:484
Danea californica, Site 959, B:257, 272
danicus, *Dictyococcites*, Site 959, A:89
dayi, *Cibicoides*, Site 959, B:382
debilis, *Laevidentalina*, Site 962, B:354, 361
deconinckii, *Cyclonephelium*, Site 959, B:272
decoraperta, *Globoturborotalia*
 Site 959, B:476
 Sites 959–962, B:472
decoratus, *Microrhabdulus*
 Site 959, A:90
 Site 960, A:180
decussata, *Micula*
 Site 959, B:323
 Site 960, A:178, 180; B:324
decussatus, *Haplophragmoides* cf., Site 959, B:407
deflandrei, *Dictyocha*, Site 959, B:494, 498, 505
deflandrei, *Discoaster*
 Site 959, A:89; B:415, 510, 512
 Site 960, A:178–179; B:513
 Site 961, A:236; B:515
dehiscens, *Globoquadrina*
 Site 959, A:91–92; B:479
 Site 960, A:181
 Site 961, A:237
 Sites 959–962, B:469
dehiscens, *Sphaeroidinella*
 Site 959, A:91; B:449, 456, 479
 Site 960, A:180
 Site 961, A:236–237
 Site 962, A:273; B:462
 Sites 959–962, B:473
dela, *Campylosphaera*, Site 960, A:178–179; B:430
delicatus, *Amaurolithus*
 Site 959, A:88; B:512, 537
 Site 960, A:178–179; B:513
 Site 961, A:235; B:515
delicatus, *Discoaster*, Site 961, A:236
delphix, *Sphenolithus*
 Site 959, B:415
 Site 960, A:179
delrioensis, *Hedbergella*
 Site 960, A:182
 Site 962, A:273; B:336–338, 341, 349
delrioensis, *Hedbergella* sp. cf. *Hedbergella*, Site 959, B:335, 345
delrioensis, *Hedbergella*(?), Site 960, B:335–336
delrioensis, *Praeglobotruncana*, Site 962, A:273; B:339, 343
delrioensis, *Praeglobotruncana* cf., Site 962, B:337
densicostata, *Dictyomitra*, Site 962, B:364, 369, 372
densispinatum, *Spinidinium?* cf. *Spinidinium*, Site 959, B:301
Dentalina guttifera, Site 960, B:438, 441
dentata, *Broinsonia*, Site 962, A:272
dentata, *Dorcadospyrus*, Site 962, A:273
dentata, *Spirolectamma* ex gr., Site 959, B:409
dentata–*glabrata*, *Stilostomella*, Site 960, B:443
denticulatum, *Dinogymnium*, Site 959, B:272
Dentoglobigerina altispira
 Site 960, A:180–181; B:457
 Site 961, A:237; B:462
 Site 962, A:273; B:462
 Sites 959–962, B:448, 466
Dentogloboquadrina altispira, Site 959, A:90–91; B:449, 479
diaphorogona, *Acaeniotyle*, Site 962, B:368
diastypus, *Discoaster*
 Site 959, A:89
 Site 960, A:178–180; B:419
 Site 961, A:236
Dicarinella asymetrica
 Site 959, B:390, 483
 Site 960, B:336

- Dicarinella asymetrica* Zone, Site 960, A:182
Dicarinella concavata, Site 960, A:182; B:335–336
Dicarinella concavata Zone, Site 960, A:182
Dicarinella concavata–*asymetrica*, Site 960, A:182
Dicarinella hagni, Site 960, A:182; B:336, 345
Dicarinella(?) concavata, Site 959, B:335, 345
Dicroa rara, Site 962, B:369, 372
Dictyocha brevispina, Site 959, A:92
Dictyocha challengerii, Site 959, B:498
Dictyocha deflandrei, Site 959, B:494, 498, 505
Dictyocha extensa extensa, Site 959, B:498, 505
Dictyocha fibula ausonia, Site 959, B:493–494, 498–499, 505–506
Dictyocha fibula fibula, Site 959, B:494, 499, 505
Dictyocha hexacantha, Site 959, B:494, 499
Dictyocha pulchella, Site 959, B:493
Dictyocha sp. 1, Site 959, B:498, 506
Dictyocha spinosa, Site 959, B:499–500, 505
Dictyocha varia, Site 959, B:500, 506
Dictyococcites bisectus
 Site 959, A:89; B:414–415
 Site 960, A:179
Dictyococcites danicus, Site 959, A:89
Dictyococcites scrippsae, Site 959, A:89; B:417
Dictyocornyne truncatum, Site 962, A:273
dictyoda, *Reticulofenestra*
 Site 959, A:89
 Site 960, A:178; B:417
Dictyomitra densicostata, Site 962, B:364, 369, 372
Dictyomitra multicostata, Site 962, B:364, 369, 372
Dictyomitra nappaensis, Site 962, B:364, 369, 372
dictyon, *Bradeleya*
 Site 959, B:525
 Site 960, B:525, 531
Didymocyrtis prismatica, Site 962, A:273
diebelii, *Cerodinium*, Site 959, B:257, 272, 279, 285, 301
diffundens, *Glomospira*, Site 959, B:391, 397
digita, *Angulobracchia*, Site 962, B:368, 373
digitata, *Beella*
 Site 959, B:466, 479
 Site 960, B:466
digitosus, *Neochiastozygus*, Site 961, A:236
dilatata, *Hyperammina*, Site 959, B:410
diminutus, *Globigerinoides*, Site 960, A:181; B:469
Dinogymnium acuminatum, Site 959, B:278–279, 299
Dinogymnium cretaceum, Site 959, B:278, 299
Dinogymnium denticulatum, Site 959, B:272
Dinogymnium group, Site 959, B:257
Dinogymnium spp.
 Site 959, B:282–283, 484
 Site 960, B:257, 285
Dinogymnium undulosum
 Site 959, B:279, 299
 Site 960, B:285
Dinogymnium westralium, Site 959, B:299
Dinopterygium cladoides, Site 962, B:258
diodon, *Bachmannocella*, Site 959, B:495
Diphyes cf. *Diphyes colligerum*, Site 959, B:309
Diphyes colligerum, Site 959, B:279, 309
diplogrammus, *Glaukolithus*, Site 962, B:324
Discoaster adamanteus
 Site 959, A:89
 Site 961, A:236; B:515
Discoaster asymmetricus
 Site 959, A:88; B:510, 512, 534, 537, 576
 Site 960, A:177–179; B:514–515, 518
 Site 961, A:235; B:515
 Site 962, A:272; B:516
Discoaster asymmetricus Subzone, Site 959, B:534
Discoaster barbadiensis
 Site 959, A:89
 Site 960, A:178–179; B:417, 431
 Site 961, A:236
Discoaster barbadiensis/elegans
 Site 959, B:416
 Site 960, B:419
Discoaster bellus, Site 961, A:236
Discoaster berggrenii
 Site 959, A:88; B:512, 534
 Site 961, A:235–236; B:515
Discoaster bifax, Site 959, A:89
Discoaster binodosus
 Site 959, A:89
 Site 960, A:178–180; B:417, 419, 431
 Site 961, A:236
Discoaster bollii
 Site 959, B:512–513
 Site 960, A:179; B:510, 513–514
 Site 961, B:515
Discoaster braarudii
 Site 959, A:88
 Site 960, A:178–179
 Site 961, A:236
Discoaster brouweri
 Site 959, A:87; B:512, 534, 537
 Site 960, A:177–179; B:514–515
 Site 961, A:235–236; B:515
 Site 962, A:272; B:516
Discoaster calcaris
 Site 959, B:512
 Site 960, B:513–514
 Site 961, A:236; B:515
Discoaster challengerii
 Site 959, A:88; B:534
 Site 961, A:235–236
 Site 962, A:272
Discoaster cruciformis, Site 960, A:178–179; B:431
Discoaster deflandrei
 Site 959, A:89; B:415, 510, 512
 Site 960, A:178–179; B:513
 Site 961, A:236; B:515
Discoaster delicatus, Site 961, A:236
Discoaster diastypus
 Site 959, A:89
 Site 960, A:178–180; B:419
 Site 961, A:236
Discoaster druggii
 Site 959, A:88–89; B:510, 516
 Site 960, A:178–179; B:513–514
 Site 961, A:236; B:515
Discoaster elegans, Site 960, A:178–180
Discoaster exilis
 Site 959, A:88; B:512
 Site 960, A:178–179; B:513–514
Discoaster gemmifer, Site 960, A:178–179
Discoaster hamatus
 Site 959, A:88; B:512–513, 517
 Site 960, A:178, 184; B:513–514
 Site 961, A:236; B:515
Discoaster kuepperi
 Site 959, A:89
 Site 960, A:178–180; B:419, 431
 Site 961, A:236; B:421
Discoaster kugleri, Site 959, A:88; B:517
Discoaster lenticularis
 Site 959, A:89
 Site 960, B:431
Discoaster lodoensis
 Site 959, A:89; B:416
 Site 960, A:178–180; B:419
 Site 961, A:236
 ?*Discoaster lodoensis*, Site 960, B:417
Discoaster loeblichii
 Site 960, B:514
 Site 961, A:236
Discoaster megastypus
 Site 959, A:89–90
 Site 961, A:236
Discoaster mohleri, Site 961, A:236
Discoaster multiradiatus
 Site 959, A:89–90
 Site 961, A:236
Discoaster multiradiatus/barbadiensis assemblage, Site 960, A:178
Discoaster neohamatus
 Site 960, A:178–179; B:514
 Site 961, A:236; B:515
Discoaster neoerectus, Site 960, A:179; B:510, 513–514, 517
Discoaster nephados
 Site 959, B:512
 Site 960, B:513
Discoaster nobilis, Site 959, A:90
Discoaster nodifer, Site 959, A:89
Discoaster pansus
 Site 960, A:179
 Site 961, A:235
Discoaster pentaradiatus
 Site 959, A:87; B:512, 517–518, 534
 Site 960, A:177–179; B:513–515
 Site 961, A:235–236; B:515
 Site 962, A:272; B:516
Discoaster pentaradiatus Subzone, Site 959, B:534
Discoaster petaliformis
 Site 959, B:512–513
 Site 960, B:514
Discoaster prepentaradiatus
 Site 960, A:178–179
 Site 961, A:236
Discoaster pseudovariabilis
 Site 960, B:513
 Site 961, A:236
Discoaster quadramus, Site 961, A:235
Discoaster quinquaramus
 Site 959, A:88; B:512, 517, 534
 Site 960, A:178–179; B:513–514
 Site 961, A:235; B:515
Discoaster robustus, Site 961, A:236
Discoaster saipanensis
 Site 959, A:89
 Site 960, A:178
Discoaster sanmiguelensis
 Site 959, A:88; B:512
 Site 960, A:178–179; B:513–514
 Site 961, B:515
Discoaster saundersii, Site 960, B:513–514
Discoaster septemradiatus, Site 961, A:236
Discoaster signus, Site 960, A:178
Discoaster sp. aff. *Discoaster mohleri*, Site 960, B:431
Discoaster sp. aff. *Discoaster sublodoensis*, Site 960, B:431
Discoaster sp. cf. *Discoaster variabilis*, Site 959, B:512
Discoaster splendidus, Site 961, A:236
Discoaster spp., Site 959, B:576, 579
Discoaster strictus
 Site 959, A:89
 Site 960, A:179
Discoaster sublodoensis
 Site 959, B:416
 Site 960, A:178–179

- Site 961, A:236
Discoaster surculus
 Site 959, A:87; B:512, 518, 534
 Site 960, A:177–179; B:513–515
 Site 961, A:235
 Site 962, A:272; B:516
Discoaster surculus Subzone, Site 959, B:534
Discoaster tamalis
 Site 959, A:87–88; B:512, 518
 Site 960, A:177, 179; B:514–515, 518
 Site 961, A:235; B:515
 Site 962, A:272
Discoaster tamalis Subzone, Site 959, B:534
Discoaster tanii, Site 959, A:89
Discoaster tritellifer, Site 962, A:272
Discoaster variabilis
 Site 959, A:89; B:512, 534
 Site 960, A:179; B:514
 Site 961, A:235–236; B:515
 Site 962, A:272
Discoaster haddus ignotus/rotatorius, Site 962, A:272
disjuncta, *Sphaeroidinellopsis*, Site 959, B:473, 479
dissimilis, *Catapsydrax*
 Site 959, A:92
 Site 960, A:181; B:457, 466, 479
 Site 961, A:237
 Sites 959–962, B:446
dissimilis, *Sphenolithus*
 Site 959, A:89
 Site 960, A:179
 Site 961, B:515
distentus, *Sphenolithus*
 Site 959, A:89; B:414, 417
 Site 960, A:179; B:421
Distephanus crux, Site 959, B:493–494, 500–501, 506
Distephanus crux crux, Site 959, A:92
Distephanus hanna
 Site 959, A:92; B:494, 501
 Site 962, A:273
Distephanus longispinus, Site 959, B:494, 501, 506
Distephanus speculum binoculus, Site 959, B:501, 507
Distephanus speculum haliomma, Site 959, A:92; B:494
Distephanus speculum haliomma Subzone, Site 959, A:92; B:494–495
Distephanus speculum hemisphaericus
 Site 959, A:92; B:493–494, 501, 507
 Site 962, A:273
Distephanus speculum patulus, Site 959, B:493, 501, 507
Distephanus speculum pentagonus, Site 959, B:493, 501, 507
Distephanus speculum speculum, Site 959, A:92; B:494, 501, 506–507
Distephanus speculum triommata
 Site 959, A:92
 Site 962, A:273
Distephanus stradneri, Site 959, B:501–502, 506
Distephanus stradneri var. *grandis*, Site 959, B:494, 502, 506
Distephanus triommata, Site 959, A:92
distichus, *Ellipsolithus*, Site 961, A:236
distinctum, *Circulodinium*, Site 959, B:279, 299
divaricata, *Glaphyrocysta*, Site 959, B:313
dolichodeira, *Kriithe* cf., Site 959, B:529
Dorcadospyrus dentata, Site 962, A:273
Dorcadospyrus papilio, Site 961, A:238
Dorothia bulletta, Site 959, B:409
Dorothia ex gr. *filiformis*, Site 959, B:406
Dorothia filiformis, Site 959, B:383, 385
Dorothia spp., Site 959, B:396
druggii, *Discoaster*
 Site 959, A:88–89; B:510, 516
 Site 960, A:178–179; B:513–514
 Site 961, A:236; B:515
drugii, *Trithyrodinium*, Site 959, B:274
druryi, *Globigerina*, Site 961, A:237
druryi, *Globoturborotalia*, Site 959, B:472
dubius, *Neococcolithes*, Site 960, A:178–179; B:431
duplex, *Reophax*, Site 959, B:405
duertrei, *Neogloboquadrina*
 Site 959, A:90–91; B:449, 478, 540–544, 547–554
 Site 960, A:180; B:457
 Site 961, A:236–237
 Site 962, A:272–273; B:462
 Sites 959–960, B:472
echinatus, *Spinizonocolpites*, Site 959, A:93
Echtriporites trianguliformis?, Site 959, A:93
editus, *Sphenolithus*, Site 959, A:89
 “*Eggerella*” *palmerae*, Site 960, B:441
Eiffellithus collis, Site 962, A:272; B:324
Eiffellithus eximius
 Site 959, A:90; B:323
 Site 960, A:178, 180; B:323
Eiffellithus sp. 1, Site 959, A:90
Eiffellithus turriseiffelii
 Site 959, B:323
 Site 960, A:180
 Site 962, A:272; B:324
Elaterocolpites castelaini, Site 962, B:258, 276
Elaterosporites castelaini, Site 962, B:317
Elaterosporites jardinei, Site 962, B:287
Elaterosporites klaszi, Site 961, B:258, 276
Elaterosporites protensus
 Site 961, B:258
 Site 962, B:258, 276
Elaterosporites protensus and *Elaterosporites verrucatus* Subzone IB, Site 961, B:258
Elaterosporites verrucatus, Site 961, B:258, 276
elegans, *Discoaster*, Site 960, A:178–180
elegans, *Euchitonina*, Site 962, A:273
elegans, *Hoeglundina*
 Site 959, B:606, 608–609
 Site 961, A:237
elegans, *Zeugrhabdotus*, Site 962, B:324, 327
elegans, *Zeugrhabdotus* sp. cf. *Zeugrhabdotus*, Site 962, B:324
Ellipsogelasphaera britannica
 Site 959, A:90; B:323
 Site 962, B:324
Ellipsoidina abbreviata, Site 959, B:383
Ellipsolithus distichus, Site 961, A:236
Ellipsolithus lajollaensis, Site 961, A:236
Ellipsolithus macellus, Site 961, A:236
elliptica, *Bachmannocena*
 Site 959, A:92; B:493, 495–496, 505
 Site 962, A:273
ellipticum, *Biscutum*, Site 962, A:272
elongata, *Lychnocanoma*, Site 961, A:238
elongatus, *Sphenolithus*, Site 960, B:417
emelianovi, *Hexaporotricolpites*, Site 962, B:275
Emiliania huxleyi
 Site 959, B:513, 519, 534, 576
 Site 961, A:234; B:515
 Site 962, A:271; B:516
 ?*Emiliania huxleyi*, Site 960, A:178; B:515
Emiliania ovata, Site 959, B:534
Emiliania ovata Subzone, Site 959, B:534
eminens, *Towieus*, Site 961, A:236
enebrachium, *Quadrum*, Site 959, B:323
enthacanthum, *Hexacantium*, Site 962, A:273
eocaenus, *Cibicidoides*, Site 960, B:435
eocanica, *Clavigerinella*, Site 960, A:182
eocanica, *Clavigerinella* gr., Site 960, B:434, 444
eocenica, *Pullenia*, Site 960, B:443
eodela, *Campylosphaera*, Site 959, A:89; B:415
eopelagicus, *Coccolithus*, Site 959, B:512
Ephedripites ambonoides, Site 961, B:275
Ephedripites montanaensis, Site 962, B:275
Ephedripites multicostatus
 Site 959, B:279
 Site 961, B:317
 Site 962, B:287
Ephedripites sp., Site 959, A:93
Ephedripites sp. 1
 Site 959, B:279
 Site 960, B:317
Ephedripites sp. 2, Site 962, B:317
Ephedripites sp. 7, Site 962, B:275
Ephedripites sp. 8, Site 962, B:275
Ephedripites spp.
 Site 961, B:285
 Site 962, B:287
Ephedripites zaklinskaiae
 Site 959, B:257
 Site 962, B:275
epigona, *Rzehakina*, Site 959, B:390, 392, 395, 404, 411, 484
epigona lata, *Rzehakina*, Site 959, B:411
Epistomella exigua, Site 959, B:606–607, 609–610
Eponides polius, Site 961, A:237
Eponides tenera, Site 959, B:606–607, 610
Eprolithus floralis
 Site 959, A:90; B:323
 Site 960, A:180
 Site 962, A:272
Eprolithus octopetalus, Site 959, B:323
Ericipites sp., Site 959, A:93
Ericsonia cava, Site 961, A:236
Ericsonia ovalis, Site 961, A:236
Ericsonia robusta, Site 961, A:236
euapertura, *Globigerina*
 Site 959, A:92
 Site 960, A:181
Euchitonina elegans, Site 962, A:273
euclaense, *Alysogymnium*, Site 959, B:299
Eucyrtidium hexagonatum, Site 962, A:273
euganea, *Cavaspongia*, Site 962, B:364, 368–369, 373
euganeum, *Rhopalosyringium*, Site 962, B:364
euganeum, *Rhopalosyringium* sp. cf. *Rhopalosyringium*, Site 962, B:370, 372
euphratis, *Helicosphaera*, Site 959, B:512
 “*everricula*,” *Chytroeisphaeridia*, Site 959, B:303
excelsa, *Nothia* sp. ex gr., Site 959, B:383, 385, 405
excolata, *Spiroplectammina*, Site 959, B:391
exigua, *Epistomella*, Site 959, B:606–607, 609–610
exiguus, *Tranolithus*
 Site 959, B:323
 Site 962, A:272; B:324
exilimum, *Cordosphaeridium*, Site 959, B:279, 282, 307
exilis, *Discoaster*
 Site 959, A:88; B:512
 Site 960, A:178–179; B:513–514
exilis, *Globorotalia*
 Site 959, B:478
 Sites 959–960, B:469
eximius, *Eiffellithus*
 Site 959, A:90; B:323
 Site 960, A:178, 180; B:323
Exochosphaeridium bifidum, Site 959, B:272, 303

- expansus*, *Chiasmolithus*, Site 960, A:178–179
extensa extensa, *Dictyochoa*, Site 959, B:498, 505
extremus, *Globigerinoides*
 Site 959, A:91; B:456, 468, 476
 Site 960, A:180–181; B:468
 Site 961, A:237; B:462
 Site 962, A:273
exuberans, *Glaphyrocysta*, Site 959, B:313
- fang*, *Praebulimina*, Site 959, B:378–379, 383, 387
farmsworthii, *Triquetrorhabdulus*, Site 960, B:514
Fasciculithus alanii, Site 959, A:89
Fasciculithus clinatus, Site 961, A:236
Fasciculithus involutus, Site 959, A:89
Fasciculithus spp.
 Site 959, B:415
 Site 961, B:421
Fasciculithus tympaniformis
 Site 959, A:89
 Site 961, A:236
ferox, *Florentinia*, Site 959, B:299
Fibradinium annetorpense, Site 959, B:273
Fibrocysta axialis, Site 959, B:273
Fibrocysta bipolaris, Site 959, B:285, 311, 313, 484
Fibrocysta cf. *Fibrocysta bipolaris*, Site 959, B:311
Fibrocysta vectensis, Site 959, B:285, 313, 484
fibrosa, *Damassadinium*, Site 959, B:484
fibrospinusum, *Cordosphaeridium*, Site 959, B:279, 303
fibula ausionia, *Dictyochoa*, Site 959, B:493–494, 498–499, 505–506
fibula fibula, *Dictyochoa*, Site 959, B:494, 499, 505
filiformis, *Dorothia*, Site 959, B:383, 385
filiformis, *Dorothia* ex gr., Site 959, B:406
fissistomata, *Rzehakina*, Site 959, B:391, 411
fistulosus, *Globigerinoides*
 Site 959, A:90–91
 Site 960, A:180
 Site 961, A:236
 Site 962, A:273
flandrini, *Gavelinella*, Site 959, B:348, 357
flandrini, *Hedbergella* cf., Site 959, B:335, 345
flexuosum, *Cleistosphaeridium*, Site 959, B:313
floralis, *Eprolithus*
 Site 959, A:90; B:323
 Site 960, A:180
 Site 962, A:272
Florentinia cooksoniae, Site 959, B:309
Florentinia ferox, Site 959, B:299
Florentinia rexex, Site 959, B:273
floridanus, *Cyclicargolithus*
 Site 959, A:89; B:414, 510, 512–513, 517
 Site 960, A:178–179; B:418, 513–514
 Site 961, A:235–236; B:515
Florilus florinensis, Site 960, B:443
florinensis, *Florilus*, Site 960, B:443
Florisphaera profunda
 Côte d'Ivoire-Ghana continental margin,
 A:313; B:517
 Site 959, B:513, 519, 534, 537, 575–580, 582
 Site 960, A:177–179; B:514–515, 519
 Site 961, A:234–235; B:515
 Site 962, A:271–272; B:516
fluens, *Spiniferites*, Site 959, B:274, 279, 315
Fohsella birnageae
 Site 959, B:466, 475
 Site 960, B:466
 Site 961, B:462
Fohsella fohsi, Site 959, B:456, 466, 475
Fohsella fohsi fohsi, Site 959, B:456
Fohsella fohsi lobata, Site 959, B:456
 Site 960, A:180; B:323
Gaudryina pyramidata, Site 959, B:383
Gavelinella beccariiformis, Site 959, B:391
Gavelinella flandrini, Site 959, B:348, 357
Gavelinella sp. 1, Site 959, B:383, 386
Gavelinella spp.
 Site 959, B:348, 378
 Site 962, B:348, 357, 362
Geiselodinium psilatatum, Site 959, B:279, 301
Geminolithella rotula, Sites 959–962, B:516
Gemmatricolpites cf. *chmurae*, Site 959, B:257
Gemmatricolpites chmurae, Site 959, B:257
gemmifer, *Discoaster*, Site 960, A:178–179
 Gen. 1 sp., Site 959, B:525, 530
 Gen. 2 sp., Site 959, B:525, 531
 Gen. 3 sp., Site 959, B:525, 531
Gephyrocapsa aperta
 Site 959, A:87; B:512–513, 534
 Site 960, B:514
 Site 962, A:272; B:516
Gephyrocapsa caribbeanica
 Site 959, A:87; B:512–513, 519, 534, 576
 Site 960, A:178–179; B:514–515, 519
 Site 961, A:234; B:515
 Site 962, B:516
Gephyrocapsa caribbeanica Subzone, Site 959, B:534
Gephyrocapsa margerelii, Site 962, B:516
Gephyrocapsa oceanica
 Site 959, A:87; B:513, 519, 534, 576
 Site 960, A:178–179; B:514–515, 519
 Site 961, A:234; B:515
 Site 962, A:272; B:516
Gephyrocapsa omega, Site 962, B:516
Gephyrocapsa parallela, Site 962, A:271–272
Gephyrocapsa spp.
 Site 959, B:534
 Site 960, A:177, 179; B:515, 518–519
Gephyrorhabdus coronadventis, Site 962, A:272
ghanaensis n. sp., *Xenascus*, Site 959, B:266–267, 274
gigantea, *Caudamina*, Site 959, B:390, 392, 395, 397, 484
gigas, *Chiasmolithus*
 Site 959, B:416
 Site 960, B:418
Giraffospyris angulata, Site 962, A:273
glabratus, *Ammodiscus*, Site 959, B:410
Glaphyrocysta divaricata, Site 959, B:313
Glaphyrocysta exuberans, Site 959, B:313
Glaphyrocysta group, Site 959, B:257
Glaphyrocysta ordinata, Site 959, B:313
Glaphyrocysta perforata, Site 959, B:279, 282, 311
Glaphyrocysta wilsonii, Site 959, B:273
Glaukolithus diplogrammus, Site 962, B:324
Glaukolithus theta, Site 962, B:324
Globigerina aequilateralis, Site 959, A:91
Globigerina anguisuturalis, Site 959, A:92
Globigerina bulloides
 Site 959, A:90; B:467
 Site 960, A:180; B:467
 Site 961, A:236–237; B:467
Globigerina ciproensis, Site 959, A:92
Globigerina connecta, Site 959, A:92
Globigerina druryi, Site 961, A:237
Globigerina euapertura
 Site 959, A:92
 Site 960, A:181
Globigerina fistulosus, Site 961, A:236
Globigerina nepenthes
 Site 959, A:91
 Site 960, A:180–181; B:457
 Site 961, A:237; B:462
- Fohsella fohsi robusta*
 Site 959, B:456
 Sites 959–962, B:448
Fohsella kugleri, Sites 959–962, B:446
Fohsella languaensis
 Site 959, B:456, 466, 475
 Site 960, B:457, 466
Fohsella peripheroacuta
 Site 959, B:456–457, 475
 Site 960, B:457
 Sites 959–962, B:446–447, 467
Fohsella peripheroronda
 Site 959, B:475
 Site 960, B:457, 467
Fohsella "praefohsi"
 Site 959, B:456, 475
 Sites 959–962, B:447, 467
fohsi, *Fohsella*, Site 959, B:456, 466, 475
fohsi, *Globorotalia*, Site 959, A:91
fohsi fohsi, *Fohsella*, Site 959, B:456
fohsi lobata, *Fohsella*, Site 959, B:456
fohsi lobata, *Globorotalia*, Site 959, A:91
fohsi robusta, *Fohsella*
 Site 959, B:456
 Sites 959–962, B:448
fohsi robusta, *Globorotalia*, Site 959, A:91
foliacea tumida, *Naviculopsis*, Site 959, B:502, 508
Fontbotia wuellerstorfi, Site 959, B:606–607, 609–610
formosus, *Coccolithus*, Site 960, A:178–179; B:417, 430
fornicata, *Contusotruncana*, Site 960, B:336, 344
fornicata, *Rosita*, Site 960, A:182
fossilis, *Scapholithus*, Site 959, B:534
Foveotricolpites sp., Site 959, A:93
Foveotricolpites margaritae, Site 959, B:279
fragaria, *Vaginulinopsis*, Site 960, B:434, 437–438, 441
frequens, *Cruciplacolithus*, Site 959, A:90
Fronidularia lamellata, Site 962, B:355, 361
Fronidularia spp., Site 962, B:348
fulgens, *Nannotetrina*, Site 960, B:418
furcatolithoides, *Sphenolithus*
 Site 959, A:89
 Site 960, A:179; B:417
furcatus, *Marthasterites*
 Site 959, A:90; B:323
 Site 960, A:178, 180; B:324
Fursenkoina viscida, Site 962, B:356
- gabalus*, *Tranolithus*, Site 960, A:180
gabonensis, *Andalusiella*, Site 959, B:305
gabonica, *Buliminella* cf., Site 959, B:378–379
gabonica, *Buliminella* sp. cf., Site 959, B:382, 386
gabonica altispira, *Buliminella*, Site 959, B:382
Gabonita spinosa, Site 959, B:376
gaditanum, *Phelodinium*, Site 959, B:301
Galeacornea causea, Site 962, B:258, 276
gammation, *Cyclicargolithus*
 Site 960, A:178–179
 Site 961, A:236; B:421
Gartnerago nanum
 Site 959, A:90
 Site 962, A:272; B:324
Gartnerago obliquum
 Site 959, B:512
 Site 960, A:180
 Site 962, B:324
Gartnerago sp. cf. *Gartnerago obliquum*, Site 962, A:272
gartneri, *Reticulofenestra*, Site 960, A:178–179
gartnerii, *Quadrum*
 Site 959, A:90; B:323

- Globigerina praebulloides*
Site 959, A:92
Site 961, A:237
- Globigerina woodi*, Site 961, A:237
- Globigerinatella insueta*
Site 959, B:472, 477
Site 960, A:181
Sites 959–962, B:446
- Globigerinatella* sp., Site 959, B:477
- Globigerinella calida*
Site 959, B:467
Site 960, B:467
- Globigerinella obesa*
Site 959, A:92; B:467, 479
Site 960, B:467
- Globigerinella praesiphonifera*
Site 959, A:91; B:467, 479
Site 960, B:467
Site 961, A:237
- Globigerinella siphonifera*
Site 959, B:467, 479
Site 960, B:467
- Globigerinelloides bentonensis*, Site 962, A:273;
B:337–338, 342
- Globigerinelloides* sp., Site 959, A:92
- Globigerinina glutinata*
Site 959, B:477
Sites 959–962, B:467
- Globigerinina uvula*
Site 959, B:468, 477
Site 960, B:468
- Globigerinoides altiapertura*
Site 960, B:476
Sites 959–960, B:468–469
- Globigerinoides bisphericus*
Site 959, B:457, 476
Site 960, B:476
Sites 959–962, B:446, 468
- Globigerinoides bollii*, Sites 959–960, B:469
- Globigerinoides bulloideus*, Sites 959–960, B:468
- Globigerinoides caseyi*, Site 962, A:273;
B:336–338, 342
- Globigerinoides conglobatus*
Site 959, B:468
Site 960, B:468
Site 962, A:273
- Globigerinoides diminutus*, Site 960, A:181;
B:469
- Globigerinoides extremus*
Site 959, A:91; B:456, 468, 476
Site 960, A:180–181; B:468
Site 961, A:237; B:462
Site 962, A:273
- Globigerinoides fistulosus*
Site 959, A:90–91
Site 960, A:180
Site 962, A:273
- Globigerinoides mitra*
Site 959, B:468, 476
Site 960, B:468
- Globigerinoides obliquus*
Site 960, B:476
Sites 959–962, B:468
- Globigerinoides parawoodi*
Site 959, B:476
Sites 959–960, B:469
- Globigerinoides primordius*
Site 960, A:181
Sites 959–962, B:446
- Globigerinoides ruber*
Site 959, A:90; B:476
Site 960, A:180
Site 961, A:236
Sites 959–962, B:468
- Globigerinoides sacculifer*
Site 959, A:90–91; B:449, 540–544, 547–554
Site 960, A:180–181
Site 961, A:236–237
Site 962, A:273
Sites 959–962, B:468
- Globigerinoides sacculifer* cf. *fistulosus*, Site 959,
B:476
- Globigerinoides sacculifer fistulosus*
Site 959, B:449, 468, 476
Site 960, B:457
Sites 959–962, B:449
- Globigerinoides sacculifer* (var. *trilobus*), Sites
959–962, B:446
- Globigerinoides seigliei*
Site 959, B:476
Site 961, A:237
Sites 959–960, B:468
- Globigerinoides sicanus*, Site 960, A:181
- Globigerinoides subquadratus*
Site 961, A:237
Sites 959–960, B:468
- Globigerinoides trilobus*
Site 959, A:91–92; B:457
Site 960, A:181
Site 961, A:237
- Globocassidulina subglobosa*
Site 959, B:606, 608–609
Site 960, B:433, 444
- Globoquadrina dehiscens*
Site 959, A:91–92; B:479
Site 960, A:181
Site 961, A:237
Sites 959–962, B:469
- Globoquadrina venezuelana*
Site 959, A:90–91; B:449
Site 960, A:180–181
Site 961, A:237
Site 962, A:273
Sites 959–962, B:469
- Globorotalia archeomenardii*
Site 959, A:91; B:475
Site 960, A:181
Sites 959–960, B:469
- Globorotalia birnageae*
Site 959, A:92
Site 961, A:237
- Globorotalia cibaoensis*
Site 959, A:91; B:449, 477
Site 960, A:180; B:457
Site 961, A:237
Sites 959–962, B:469
- Globorotalia crassaformis*
Site 959, A:90–91; B:449, 456, 477, 540–541,
545–554
Site 960, A:180
Site 961, A:236–237
Site 962, A:273; B:465
Sites 959–962, B:469
- Globorotalia crassula*, Site 959, A:90; B:469
- Globorotalia exilis*
Site 959, B:478
Sites 959–960, B:469
- Globorotalia fohsi*, Site 959, A:91
- Globorotalia fohsi lobata*, Site 959, A:91
- Globorotalia fohsi robusta*, Site 959, A:91
- Globorotalia glutinata*, Site 961, A:236
- Globorotalia* gr. *mayeri*
Site 959, B:456, 475
Site 961, A:237
Sites 959–962, B:448, 470
- Globorotalia hirsuta*
Site 959, B:478
Site 960, A:180; B:469–470
- Globorotalia inflata*
Site 959, B:470
Site 962, A:273
- Globorotalia juanai*
Site 959, A:91; B:470
Site 961, A:237
- Globorotalia kugleri*
Site 959, A:92
Site 960, A:181
- Globorotalia kugleri mendacis*
Site 959, A:92
Site 960, A:181
- Globorotalia languaensis*
Site 959, A:91
Site 960, A:181
Site 961, A:237
- Globorotalia limbata*, Site 959, B:456, 470, 478
- Globorotalia margaritae*
Site 959, A:91; B:456, 478, 540–541, 545–554
Site 960, A:180–181; B:457
Site 961, A:237; B:462
Sites 959–962, B:448, 470
- Globorotalia margaritae margaritae*, Site 959,
A:91
- Globorotalia margaritae primitiva*, Site 959, A:91
- Globorotalia menardii*
Site 959, A:90–91; B:449, 478
Site 960, A:180–181
Site 961, A:236–237
Sites 959–962, B:470
- Globorotalia merotumida*
Site 959, A:91; B:456
Site 960, A:181
Site 961, A:237
Sites 959–962, B:470
- Globorotalia miocenica*
Site 959, A:90–91; B:449, 478
Site 960, A:180; B:457
Site 961, A:236; B:462
Site 962, A:273; B:462
Sites 959–962, B:448, 470
- Globorotalia miozea*, Site 959, B:470, 475
- Globorotalia multicamerata*
Site 959, A:90; B:449, 478
Site 960, A:180
Site 961, A:236–237
Sites 959–962, B:470
- Globorotalia obliquus*
Site 959, A:90–91; B:449, 478
Site 960, A:180–181
Site 961, A:237
- Globorotalia panda*, Site 959, A:91; B:470
- Globorotalia peripheroacuta*
Site 959, A:91–92
Site 960, A:181
- Globorotalia peripheroronda*
Site 959, A:91–92
Site 960, A:181
Site 961, A:237
- Globorotalia pertenuis*
Site 959, A:90; B:449, 478
Site 960, A:180; B:457
Site 961, A:236–237
Site 962, A:273; B:462
Sites 959–962, B:470
- Globorotalia plesiotumida*
Site 959, A:90–91; B:449, 456, 478
Site 960, A:180–181; B:457
Site 961, A:237; B:462
Sites 959–962, B:448, 470–471
- Globorotalia praemenardii*, Site 959, A:91; B:471,
475
- Globorotalia praescitula*
Site 959, B:471

- Site 960, B:475
Site 961, B:462
Globorotalia pseudomiocenica
Site 960, A:180
Site 961, A:236; B:462
Site 962, A:273
Sites 959–960, B:471
Globorotalia puncticulata
Site 959, B:449, 478
Site 960, A:180
Sites 959–960, B:471
Sites 959–962, B:448
Globorotalia sacculifer, Site 959, A:90–91
Globorotalia sicana, Site 959, A:91–92
Globorotalia scitula
Site 959, A:90; B:449, 477
Site 960, A:180
Site 961, A:236
Sites 959–962, B:471
Globorotalia siakensis, Site 959, A:91
Globorotalia theyeri, Sites 959–962, B:471
Globorotalia tosaensis
Site 959, A:90; B:449
Site 960, A:180; B:457
Site 962, A:273
Sites 959–962, B:449
Globorotalia triangula, Site 959, A:90; B:449, 471
Globorotalia truncatulinoides
Site 959, A:90; B:449, 471
Site 960, B:457
Globorotalia tumida
Site 959, A:90–91; B:449, 456
Site 960, A:180; B:457, 477–478
Site 961, A:236–237; B:462
Site 962, A:272–273; B:465
Sites 959–962, B:448, 471
Globorotalia venezuelana
Site 961, A:237
Site 962, B:462
Globorotalites sp., Site 962, B:356
Globorotaloides hexagona
Site 959, B:479
Sites 959–960, B:471
Globorotaloides suteri, Sites 959–960, B:471
? *Globorotaloides suteri*, Site 960, B:479
Globorotaloides variabilis, Sites 959–960, B:471
globosa, *Gyroidinoides*
Côte d'Ivoire-Ghana continental margin,
A:307–308
Site 961, A:238
Globotruncana sp., Site 960, A:182
Globotruncanita elevata planktonic foraminifer
zone, Site 959, B:394
globotubulosa, *Ramulina*, Site 959, B:384, 386
Globoturborotalita apertura
Site 960, B:476
Sites 959–961, B:472
Globoturborotalita decoraperta
Site 959, B:476
Sites 959–962, B:472
Globoturborotalita druyri, Site 959, B:472
Globoturborotalita nepenthes
Site 959, B:449, 456, 476
Sites 959–960, B:472
Sites 959–962, B:448
Globoturborotalita woodi
Site 959, B:476
Sites 959–962, B:472
Globulina prisca, Site 962, B:355–356, 361
Globulina spp., Site 962, B:348
globulosa, *Heterohelix*
Site 959, B:335, 345
Site 960, B:336, 345
globulosus, *Anomalinoides*, Site 961, A:237
glomarchallengeri, *Bulimina*, Site 960, B:434, 442
glomerosa, *Praeorbulina*
Site 959, A:91; B:476
Sites 959–962, B:446, 473
glomerosa curva, *Praeorbulina*, Site 959, B:457
glomerosa glomerosa, *Praeorbulina*
Site 959, B:457
Site 960, A:181
Glomospira charoides
Site 959, B:404
Site 962, B:353 360
Glomospira diffundens, Site 959, B:391, 397
Glomospira grzybowskii, Site 959, B:391
Glomospira irregularis, Site 959, B:404, 410
Glomospira serpens, Site 959, B:404, 410
glutinata, *Globigerinita*
Site 959, B:477
Site 961, A:236
Sites 959–962, B:467
Gnetaceapollenites barghoornii, Site 962, B:275
Gnetaceapollenites jansonii, Site 961, B:275
gochtii, *Xenascus*, Site 959, B:257, 274
Goesella rugosa/Caudamina gigantea benthic
foraminifer zone, Site 959, B:394
gorbachikae, *Hedbergella* sp. cf. *Hedbergella*,
Site 962, A:273; B:337–338, 342
gracilis, *Laevigatosporites*, Site 959, B:317
gracilis, *Mita*, Site 962, B:370, 372
grande, *Unipontidinium*, Site 959, B:257, 274
grandis, *Aschemocella*, Site 959, B:410
grandis, *Chiasmolithus*
Site 959, A:89; B:416
Site 960, A:178–179; B:417, 430
granulata, *Helicosphaera*
Site 960, A:178
Site 961, A:236
Granulatisporites sp., Site 959, A:93
granulostriatum, *Cerodinium*, Site 959, B:257,
272
greatvalleyensis, *Bandyella*, Site 959, B:382, 386
griffinae, *Turborotalia*, Site 960, A:182
grillii, *Lithastrinus*
Site 959, A:90; B:323
Site 960, B:324
grimsdalei, *Cibicidoides*, Site 960, B:433, 444
grzybowskii, *Glomospira*, Site 959, B:391
grzybowskii, *Kalamopsis*, Site 959, B:404, 410
grzybowskii, *Saccamina*, Site 959, B:410
grzybowskii, *Trochamminoides*, Site 959, B:411
Guembelitra cretacea, Site 960, A:182
gutta, *Guttacapsa*, Site 962, B:364, 369, 372
Guttacapsa biacuta, Site 962, B:364, 369, 372
Guttacapsa gutta, Site 962, B:364, 369, 372
guttifer, *Subreophax* ex gr., Site 959, B:405
guttifera, *Dentalina*, Site 960, B:438, 441
Gyroidina zelandicus, Site 961, A:237
gyroidinaeformis, *Trochammina*, Site 959, B:407
Gyroidinoides cf. *Gyroidinoides nitidus*, Site 962,
B:357, 362
Gyroidinoides globosa
Côte d'Ivoire-Ghana continental margin,
A:307–308
Site 961, A:238
Gyroidinoides neosoldanii, Site 959, B:608, 610
Gyroidinoides soldanii, Site 959, B:606, 608, 610
Gyroidinoides sp. ex gr. *nitidus*, Site 959, B:383,
386
Gyroidinoides subangulatus, Site 959, B:378, 383,
386
haeringensis, *Valvulina*, Site 960, B:437, 441
hagni, *Dicarinella*, Site 960, A:182; B:336, 345
hamatus, *Discoaster*
Site 959, A:88; B:512–513, 517
Site 960, A:178, 184; B:513–514
Site 961, A:236; B:515
hannai, *Distephanus*
Site 959, A:92; B:494, 501
Site 962, A:273
Hanzawaia ammobila, Site 960, B:435
Haplophragmoides cf. *decussatus*, Site 959, B:407
Haplophragmoides cf. *walteri*, Site 959, B:411
Haplophragmoides ex gr. *perexplicatus*, Site 959,
B:407
Haplophragmoides kirki, Site 959, B:411
Haplophragmoides sp., Site 959, B:407, 411
Haplophragmoides walteri, Site 959, B:390, 411
hastata globulata, *Corbisema*, Site 959, A:92;
B:494, 497
hastata hastata, *Corbisema*, Site 959, B:494
“*Hastigerina*” *bolivariana*, Site 960, A:182
haxtonensis, *Percivilia*, Site 962, B:324
havanensis, *Nonion*
Site 960, B:443
Site 961, A:238
havanensis, *Cibicidoides*, Site 961, A:237
havanensis, *Tritaxia*, Site 960, B:441
hazelaie, *Agrenocythere*
Site 959, B:525
Site 960, B:525, 530
Hedbergella angolae, Site 962, A:273;
B:336–338, 341
Hedbergella cf. *flandrii*, Site 959, B:335, 345
Hedbergella cf. *simplex*, Site 962, B:337–338, 342
Hedbergella costellata, Site 962, A:273
Hedbergella delrioensis
Site 960, A:182
Site 962, A:273; B:336–338, 341, 348
Hedbergella(?) delrioensis, Site 960, B:335–336
Hedbergella infracretacea
Site 959, B:348
Site 962, B:349
Hedbergella planispira, Site 962, B:349
Hedbergella rischi, Site 962, B:349
Hedbergella sp. cf. *Hedbergella angolae*, Site 962,
A:273; B:336
Hedbergella sp. cf. *Hedbergella delrioensis*, Site
959, B:335, 345
Hedbergella sp. cf. *Hedbergella gorbachikae*, Site
962, A:273; B:337–338, 342
Helicosphaera ampliapertura
Site 959, A:89; B:512, 516–517
Site 960, A:178–179; B:513–514
Site 961, A:236
Helicosphaera carteri
Site 959, B:512
Site 960, B:514
Site 962, B:516
Helicosphaera euphratis, Site 959, B:512
Helicosphaera granulata
Site 960, A:178
Site 961, A:236
Helicosphaera hyalina, Site 960, A:178
Helicosphaera intermedia
Site 959, B:512
Site 960, A:178–179
Helicosphaera inversa, Site 962, A:271; B:514,
516
Helicosphaera kamptneri
Site 960, A:178; B:514
Site 961, A:234–236; B:515
Helicosphaera lophota, Site 960, A:178; B:430
Helicosphaera mediterranea
Site 959, B:512
Site 961, A:236
Helicosphaera neogranulata, Site 960, A:178
Helicosphaera obliqua

- Site 959, B:512
Site 960, A:179
Site 961, A:236
- Helicosphaera recta*
Site 959, B:415, 417
Site 960, A:179
- Helicosphaera rhomba*, Site 961, A:236
Helicosphaera scissura, Site 959, B:512
Helicosphaera sellii
Site 959, A:87; B:512, 519
Site 960, A:177, 179; B:514–515
Site 961, A:234; B:515
Site 962, A:272; B:516
- Helicosphaera seminulum*, Site 960, A:179; B:430
Helicosphaera truempyi, Site 960, A:178–179; B:514
- Heliolithus cantabriae*, Site 959, A:89
Heliolithus kleinpellii, Site 959, A:89
Heliolithus riedelii
Site 959, A:90
Site 961, A:236
- Heliolithus* spp., Site 961, B:421
- Hemirobulina bullata*, Site 959, B:383
- Henryhowella melobesioides*
Site 959, B:525, 530
Site 960, B:525, 530
- heroica*, *Patellula*, Site 962, B:370, 372
Heterohelix cf. *moremani*, Site 962, B:337
- Heterohelix globulosa*
Site 959, B:335, 345
Site 960, B:336, 345
- Heterohelix moremani*, Site 962, B:336–337, 339, 343
- Heterohelix* sp.
Site 959, B:348
Site 962, A:273; B:337, 348
- Heterohelix* spp.
Site 960, A:182
Site 962, A:273
- Heterolepa* sp., Site 959, B:606, 608
- heteromorphus*, *Sphenolithus*
Site 667, B:519
Site 959, A:88–89; B:512–513, 516–517
Site 960, A:178–179; B:513–514, 517
Site 961, A:236; B:515
- hexacantha*, *Dictyocha*, Site 959, B:494, 499
Hexacantium enthacanthum, Site 962, A:273
hexagona, *Globorotalia*
Site 959, B:479
Sites 959–960, B:471
- hexagonatum*, *Eucyrtidium*, Site 962, A:273
Hexaporotricolpites emelianovi, Site 962, B:275
Hippocrepina sp., Site 959, B:410
- hirsuta*, *Globorotalia*
Site 959, B:478
Site 960, A:180; B:469–470
- hirsuta*, *Thyrsocyrtis*, Site 961, A:238
hirsutum, *Trichodinium* cf. *Trichodinium*, Site 959, B:305
- ?*Hiscocapsa* sp., Site 962, B:364, 369, 372
hispida, *Uvigerina*, Site 959, B:606, 608, 610
hispidum, *Rhopalosyringium*, Site 962, B:364, 370, 372
- Hoeglundina elegans*
Site 959, B:606, 608–609
Site 961, A:237
- Holodiscolithus* spp., Sites 960–961, B:421
Hormosira velascoensis, Site 959, B:390, 407, 410, 484
- Hornibrookina australis*, Site 959, B:416
humerosa, *Neogloboquadrina*, Site 959, B:472
huxleyi, *Emiliana*
Site 959, B:513, 519, 534, 576
Site 961, A:234; B:515
- Site 962, A:271; B:516
huxleyi, ?*Emiliana*, Site 960, A:178; B:515
hyalina, *Helicosphaera*, Site 960, A:178
hyalospinosus, *Spiniferites*, Site 959, B:274
Hyperammima dilatata, Site 959, B:410
Hystrichodinium cf. *ramoides*, Site 959, B:273
Hystrichodinium pulchrum, Site 959, B:279, 305
Hystrichosphaeridium cf. *Hystrichosphaeridium tubiferum*, Site 959, B:309
Hystrichosphaeridium siphoniphorum Zone, Site 962, B:285
Hystrichosphaeridium tubiferum, Site 959, B:303
- ignotus/rotatorius*, *Discorhabdus*, Site 962, A:272
iidaensis, *Cannopilus*, Site 959, B:496
Impagidinium celinae, Site 959, B:257, 273
impendens, *Bulimina*, Site 960, B:442
Inaperturopollenites sp., Site 959, A:93
Incertae sedis, Site 962, B:276
inclusa, *Rzehakina*, Site 959, B:404
indoceanica, *Pontosphaera*
Site 959, A:87
Site 960, A:177, 179
- inequispira*, *Subbotina*, Site 960, A:182
inflata, *Globorotalia*
Site 959, B:470
Site 962, A:273
- infracretacea*, *Hedbergella*
Site 959, B:348
Site 962, B:349
- infragranulata*, *Trocholina*, Site 962, B:354, 360
infusorioides, *Palaeohystrichophora*
Site 959, B:257, 279
Site 960, B:285, 299
Site 962, B:258, 285
- inodes*, *Cordosphaeridium*, Site 959, B:279, 282, 309
inodes, *Cordosphaeridium* cf. *Cordosphaeridium*, Site 959, B:272, 307
- inornata*, *Whiteinella*(?), Site 959, B:335
insueta, *Globigerinatella*
Site 959, B:472, 477
Site 960, A:181
Sites 959–962, B:446
- intermedia*, *Berthelina*
Site 959, B:348, 352
Site 962, B:357, 362
- intermedia*, *Helicosphaera*
Site 959, B:512
Site 960, A:178–179
- intermedium*, *Quadrum*, Site 959, B:323
inversa, *Helicosphaera*, Site 962, A:271; B:514, 516
- involutus*, *Fasciculithus*, Site 959, A:89
irregularis, *Glomospira*, Site 959, B:404, 410
irregularis, *Umbellosphaera*, Site 959, B:576
irregularis, *Umbilicosphaera*, Site 960, B:515
irwini, *Crucella*, Site 962, B:369, 373
Isabelidinium acuminatum, Site 959, B:257
Isabelidinium cooksoniae, Site 960, B:285, 315
ivoirensis, *Andalusella*, Site 959, B:257, 272
ivoirensis, *Corrugatisporites*, Site 959, B:279
- jankoi*, *Uvigerinammina*, Site 959, B:390, 394, 406, 484
jansonii, *Gnetaceapollenites*, Site 961, B:275
japonica, *Pontosphaera*
Site 960, A:179
Site 961, A:235
- jardinei*, *Corollina*, Site 962, B:287, 317
jardinei, *Elaterosporites*, Site 962, B:287
jarvisi, *Reticulophragmoides*, Site 959, B:390, 397, 411
jarvisi, *Stilostomella* gr., Site 960, B:442
- jonesi*, *Marginulinopsis*, Site 959, B:355, 361
juanai, *Globorotalia*
Site 959, A:91; B:470
Site 961, A:237
- jucundus*, *Marthasterites*, Site 960, B:323
junctus, *Neochiastozygus*, Site 961, A:236
- Kalamopsis grzybowskii*, Site 959, B:404, 410
Kallosphaeridium ?ringnesiorum, Site 959, B:301
Kallosphaeridium yorubaense, Site 959, B:257, 273
- kampmeri*, *Helicosphaera*
Site 960, A:178; B:514
Site 961, A:234–236; B:515
- Karrerella siphonella*, Site 960, B:437, 441
Karrerulina conversa, Site 959, B:392, 406
Kenleyia cf. *Kenleyia lophophora*, Site 959, B:279, 293, 311
Kenleyia leptocerata, Site 959, B:279, 282, 307
Kenleyia lophophora, Site 959, B:273
Kenleyia sp. A, Site 959, B:279, 293, 311
Kenleyia spp., Site 959, B:282–283
kennedyi, *Corollithion*, Site 962, B:324
kirki, *Haplophragmoides*, Site 959, B:411
klaszi, *Elaterosporites*, Site 961, B:258, 276
kleinpellii, *Heliolithus*, Site 959, A:89
kochi, *Sphaeroidinellopsis*
Site 959, A:90–91; B:449
Site 960, B:457
Site 961, A:237
Sites 959–962, B:473
- ?*Krempelina* sp., Site 962, B:370, 372
Krithe cf. *dolichodeira*, Site 959, B:529
Krithe cf. *trinidadensis*
Site 960, B:529
Site 961, B:529
- kuepperi*, *Discoaster*
Site 959, A:89
Site 960, A:178–180; B:419, 431
Site 961, A:236; B:421
- kugleri*, *Discoaster*, Site 959, A:88; B:517
kugleri, *Fohsella*, Sites 959–962, B:446
kugleri, *Globorotalia*
Site 959, A:92
Site 960, A:181
kugleri mendacis, *Globorotalia*
Site 959, A:92
Site 960, A:181
- lacunosa*, *Pseudoemiliana*
Site 959, A:87; B:510, 512–513, 518–519, 534, 537
Site 960, A:177–179; B:514–515, 518–519
Site 961, A:234–235; B:515
Site 962, A:271–272; B:516
- laeve*, *Chrysalogonium*, Site 960, B:441
Laevidentalina catenula, Site 962, B:383, 385
Laevidentalina debilis, Site 962, B:354, 361
Laevidentalina linearis, Site 962, B:354
Laevidentalina oligostegia, Site 962, B:354, 361
Laevidentalina soluta, Site 962, B:383
Laevidentalina spp.
Site 959, B:378
Site 962, B:348
- laevigata*, *Cassidulina*, Site 959, B:606–607, 610
Laevigatosporites gracilis, Site 959, B:317
Laevigatosporites spp., Site 959, A:93
laevigatum, *Senegalinium*, Site 959, B:257, 274, 305
- Lagena crowlei*, Site 960, B:438, 441
Lagenammina sp., Site 959, B:410
lajollaensis, *Ellipsolithus*, Site 961, A:236
lamellata, *Froncdicularia*, Site 962, B:355, 361
Lamprocyclus maritalis, Site 962, A:273

- lata*, *Naviculopsis*
Site 959, A:92; B:494, 500, 502, 507
Site 962, A:273
- lata* var. 1, *Naviculopsis*, Site 959, B:494, 502
- lata* var. 2, *Naviculopsis*, Site 959, B:502
- Laticarinina pauperata*, Site 961, A:237
- latissima*, *Nothia*, Site 962, B:353, 360
- Legitimocythere acanthoderma*
Site 959, B:525
Site 960, B:525, 530
- Leiosphaeridia* sp. A, Site 959, B:315
- Leiosphaeridia* sp. B, Site 959, B:315
- Leiosphaeridia* spp., Site 959, B:279
- Leiotriletes adriennis*, Site 959, A:93
- Lejeunecysta* sp., Site 959, B:309
- lenguensis*, *Fohsella*
Site 959, B:456, 466, 475
Site 960, B:457, 466
- lenguensis*, *Globorotalia*
Site 959, A:91
Site 960, A:181
Site 961, A:237
- lenticularis*, *Discoaster*
Site 959, A:89
Site 960, B:431
- Lenticulina macrodisca*, Site 959, B:383
- Lenticulina muensteri*, Site 959, B:383
- Lenticulina rotulata*, Site 959, B:383, 385
- Lenticulina* spp.
Site 959, B:378
Site 962, B:355, 361
- lenzii*, *Spiniferites* cf. *Spiniferites*, Site 959, B:279, 315
- lepta*, *Dactyliosphaera*, Site 962, B:364, 369, 372
- leptocerata*, *Kenleyia*, Site 959, B:279, 282, 307
- leptodermum*, *Cerodinium*, Site 959, B:257, 279
- leptodermum*, *Cerodinium* cf. *Cerodinium*
Site 959, B:287
Site 962, B:287
- leptoporus*, *Calcidiscus*
Site 959, B:513, 576
Site 960, A:178; B:515
Site 961, A:234–235; B:515
Site 962, B:516
- libyca*, *Costellagerina*, Site 962, B:336–338, 341
- lidiae*, *Palaeocystodinium*, Site 959, B:279, 301
- Liesbergia abdounensis*, Site 959, B:273
- Liliacidites* sp., Site 959, A:93
- Liliasterites angularis*
Atlantic Ocean E, B:319
Site 959, B:323
Site 960, B:323
- Liliasterites angularis* Zone, Atlantic Ocean E, B:320
- Liliasterites atlanticus*, Site 960, B:323
- limbata*, *Globorotalia*, Site 959, B:456, 470, 478
- linearis*, *Laevidentalina*, Site 962, B:354
- Lingulina* spp., Site 962, B:348, 355
- Lingulina taylorana*, Site 959, B:383
- Lingulonodosaria nodosaria*, Site 962, B:354, 361
- Liriospyris* spp., Site 962, A:273
- Liriospyris stauropora*, Site 962, A:273
- Lithastrinus atlanticus*, Atlantic Ocean E, B:320
- Lithastrinus grillii*
Site 959, A:90; B:323
Site 960, B:324
- Lithastrinus moratus*
Atlantic Ocean E, B:320
Site 959, A:90; B:323
- Lithastrinus septenarius*
Atlantic Ocean E, B:320
Site 959, A:90; B:323
Site 960, A:178, 180; B:324
- Lithochytris archaica*, Site 961, A:238
- Lithochytris vespertilio*, Site 960, A:182
- Lithraphidites alatus*, Site 962, A:272
- lituola*, *Marginulinopsis*, Site 959, B:383, 385
- lockeri*, *Reticulofenestra*
Site 959, A:89; B:512
Site 960, A:178; B:513–514
- lodoensis*, *Discoaster*
Site 959, A:89; B:416
Site 960, A:178–180; B:419
Site 961, A:236
- lodoensis*, ?*Discoaster*, Site 960, B:417
- lodogaensis*, *Pseudodictyomitra*, Site 962, B:364, 370, 373
- loeblichii*, *Discoaster*
Site 960, B:514
Site 961, A:236
- Longapertites* spp., Site 959, A:93
- Longapertites vaneendenburgi*, Site 959, B:285, 317
- longispinus*, *Distephanus*, Site 959, B:494, 501, 506
- Lophodolichus mochlophorus*, Site 959, A:89
- Lophodolichus nascens*, Site 959, A:89
- lophophora*, *Kenleyia*, Site 959, B:273
- lophophora*, *Kenleyia* cf. *Kenleyia*, Site 959, B:279, 293, 311
- lophota*, *Helicosphaera*, Site 960, A:178; B:430
- Lychnocanoma elongata*, Site 961, A:238
- Lychnocanoma elongata* Zone, Site 961, A:238; B:421
- Lygodiumsporites* sp., Site 959, A:93
- macellus*, *Ellipsolithus*, Site 961, A:236
- macilenta*, *Bulimina*, Site 960, B:442
- macintyreii*, *Calcidiscus*
Site 959, A:87–88; B:512, 519, 534
Site 960, A:177–179; B:514–515
Site 961, A:234–236; B:515
Site 962, B:516
- mackenziei*, *Buntonia*
Site 959, B:525, 531
Site 960, B:525
- macrodisca*, *Lenticulina*, Site 959, B:383
- madecassiana*, *Ticinella*, Site 962, B:336, 338, 342
- madecassiana*, *Ticinella*(?), Site 962, B:337
- magnicrassus*, *Coccolithus*, Site 960, A:179
- magnificum*, *Phelodinium*, Site 959, B:257, 274
- major*, *Poseidonamicus*
Site 959, B:525, 530
Site 960, B:525
- mammallaris*, *Tholospyris*, Site 961, A:238
- manifestus*, *Tranolithus*, Site 962, A:272
- Manivitella pemmatoidea*
Site 960, A:178, 180
Site 962, A:272
- Manumiella raijiae*, Site 959, B:279, 305
- Manumiella seelandica*, Site 959, B:279, 291, 309
- margaritae*, *Foveotriletes*, Site 959, B:279
- margaritae*, *Globorotalia*
Site 959, A:91; B:456, 478, 540–541, 545–554
Site 960, A:180–181; B:457
Site 961, A:237; B:462
Sites 959–962, B:448, 470
- margaritae margaritae*, *Globorotalia*, Site 959, A:91
- margaritae primitiva*, *Globorotalia*, Site 959, A:91
- margerelii*, *Cyclogelasphaera*, Site 962, A:272
- margerelii*, *Gephyrocapsa*, Site 962, B:516
- marginata*, *Bulimina*, Site 959, B:606–607, 610
- Marginotruncana sinuosa*?, Site 960, A:182
- Marginotruncana*(?) sp., Site 960, B:335
- Marginulinopsis jonesi*, Site 959, B:355, 361
- Marginulinopsis lituola*, Site 959, B:383, 385
- Marginulinopsis* spp., Site 959, B:378
- Marginulinopsis striatocostata*, Site 962, B:355, 361
- maritalis*, *Lamprocyclus*, Site 962, A:273
- Marthasterites contortus*, Site 960, A:179–180
- Marthasterites furcatus*
Site 959, A:90; B:323
Site 960, A:178, 180; B:324
- Marthasterites furcatus* Zone, Atlantic Ocean E, B:320
- Marthasterites jucundus*, Site 960, B:323
- Matazia* sp. cf. *Matazia bermudezi*, Site 961, A:237
- mauthei mauthei*, *Andalusiella*, Site 959, B:272
- maxima*, *Orbiculiforma*, Site 962, B:364, 370, 372
- mayeri*, *Globorotalia* gr.
Site 959, B:456, 475
Site 961, A:237
Sites 959–962, B:448, 470
- mayeri*, *Neogloboquadrina*, Site 959, A:91
- mclaughlini*, *Novixitius*, Site 962, B:364, 370, 373
- mediterranea*, *Helicosphaera*
Site 959, B:512
Site 961, A:236
- megastypus*, *Discoaster*
Site 959, A:89–90
Site 961, A:236
- melobesioides*, *Henryhowella*
Site 959, B:525, 530
Site 960, B:525, 530
- Melonis parkerae*, Site 959, B:606–607
- Membranilarnacia*? sp., Site 959, B:307
- menardii*, *Globorotalia*
Site 959, A:90–91; B:449, 478
Site 960, A:180–181
Site 961, A:236–237
Sites 959–962, B:470
- merotumida*, *Globorotalia*
Site 959, A:91; B:456
Site 960, A:181
Site 961, A:237
Sites 959–962, B:470
- messinae*, *Crucella*, Site 962, A:273; B:369, 373
- mexicana*, *Catinaster*
Site 959, A:88
Site 960, B:513–514
Site 961, B:515
- mexicana*, *Nannotetrina*, Site 960, A:179
- mexicana*, *Rectuvigerina*, Site 960, B:433, 442
- micelinianus*, *Conorotalites*, Site 959, B:383, 386
- Micrantholithus* spp., Sites 960–961, B:421
- Micrhystridium* sp., Site 959, B:315
- Microrhabdulus decoratus*
Site 959, A:90
Site 960, A:180
- Micula concava*
Site 959, A:90; B:323
Site 960, A:178; B:324
- Micula decussata*
Site 959, B:323
Site 960, A:178, 180; B:324
- milowii*, *Triquetrorhabdulus*
Site 959, B:512
Site 960, A:178; B:513
- minima*, *Rzehakina*, Site 959, B:411
- minima*, *Spirillina*, Site 962, B:354, 360
- minor*, *Cyathidites*, Site 961, B:285, 317
- minuta*, *Reticulofenestra*
Site 959, B:534, 537
Site 961, A:236; B:518
- minutula*, *Reticulofenestra*
Site 959, B:534, 537
Site 960, A:179
Site 961, A:235

- Site 962, A:272; B:516
Minylitha convalis
 Site 959, B:512–513, 517
 Site 960, A:178–179; B:510, 513–514
 Site 961, B:515
miocenica, Globorotalia
 Site 959, A:90–91; B:449, 478
 Site 960, A:180; B:457
 Site 961, A:236; B:462
 Site 962, A:273; B:462
 Sites 959–962, B:448, 470
miopelagicus, Coccolithus
 Site 959, B:512
 Site 960, A:178–179; B:514
 Site 961, A:236
miozea, Globorotalia, Site 959, B:470, 475
Mita gracilis, Site 962, B:370, 372
mitra, Globigerinoides
 Site 959, B:468, 476
 Site 960, B:468
mochlophorus, Lophodolitus, Site 959, A:89
mohleri, Discoaster, Site 961, A:236
mohleri, Discoaster sp. aff. *Discoaster*, Site 960, B:431
monmouthensis, Cyclapophysis, Site 959, B:279, 282, 307, 484
Monosulcites spp.
 Site 959, B:279, 317
 Site 961, B:285
montanaensis, Ephedripites, Site 962, B:275
moratus, Lithastrinus
 Atlantic Ocean E, B:320
 Site 959, A:90; B:323
moremani, Heterohelix, Site 962, B:336–337, 339, 343
moremani, Heterohelix cf., Site 962, B:337
moriformis, Sphenolithus
 Site 960, A:178
 Site 961, A:236
morini, Vitorfus, Site 962, B:364, 371–372
morulosa, Palambages, Site 959, B:282, 315
mosquense, Rhopalosyringium, Site 962, B:370, 373
mucronalatum, Pseudobosquetina
 Site 959, B:525, 531
 Site 960, B:525
muensteri, Lenticulina, Site 959, B:383
multicamerata, Globorotalia
 Site 959, A:90; B:449, 478
 Site 960, A:180
 Site 961, A:236–237
 Sites 959–962, B:470
multicostata, Dictyomitra, Site 962, B:364, 369, 372
multicostatus, Ephedripites
 Site 959, B:279
 Site 961, B:317
 Site 962, B:287
multidentatus?, Acanthocircus aff., Site 962, B:368, 373
multiporta, Pontosphaera, Site 960, B:421, 431
Multiporopollenites sp., Site 962, B:287, 317
multiradiatus, Discoaster
 Site 959, A:89–90
 Site 961, A:236
multiradiatus/barbadiensis assemblage,
Discoaster, Site 960, A:178
multispinosum, Adnatosphaeridium, Site 959, B:257, 272
mundulus, Cibicidoides, Site 959, B:606–607, 610
murrhina, Pyrgo
 Site 959, B:606, 608, 610
 Site 961, A:237
Nannotetrina cristata
 Site 959, A:89
 Site 960, A:184
Nannotetrina fulgens, Site 960, B:418
Nannotetrina mexicana, Site 960, A:179
Nannotetrina pappii, Site 960, A:178
Nannotetrina quadrata, Site 960, A:178–179
nanum, Gartnerago
 Site 959, A:90
 Site 962, A:272; B:324
Napora praespinifera, Site 962, B:364, 370, 372
nappaensis, Dictyomitra, Site 962, B:364, 369, 372
naranjoensis, Pleurostomella, Site 960, B:444
nascens, Lophodolitus, Site 959, A:89
navarroana, Spiroplectamina, Site 959, B:409
Naviculopsis biapiculata, Site 959, A:92; B:494, 502, 508
Naviculopsis biapiculata nodulifera, Site 959, B:502, 508
Naviculopsis biapiculata var. 1, Site 959, B:494, 502, 508
Naviculopsis biapiculata var. 2, Site 959, B:494, 502, 508
Naviculopsis biapiculata var. 3, Site 959, B:502, 508
Naviculopsis biapiculata Zone, Site 959, A:92; B:494–495, 498–500
Naviculopsis constricta, Site 959, B:494, 502, 508
Naviculopsis constricta var. 1, Site 959, B:502, 508
Naviculopsis constricta var. 2, Site 959, B:502, 508
Naviculopsis contraria
 Site 959, A:92; B:502
 Site 962, A:273
Naviculopsis foliacea tumida, Site 959, B:502, 508
Naviculopsis lata
 Site 959, A:92; B:494, 501–502, 507
 Site 962, A:273
Naviculopsis lata var. 1, Site 959, B:494, 502
Naviculopsis lata var. 2, Site 959, B:502
Naviculopsis lata Zone, Site 959, A:92; B:494–497
Naviculopsis obtusarca, Site 959, A:92; B:502–503, 507
Naviculopsis ponticula
 Site 959, A:92; B:493, 500, 503, 507
 Site 962, A:273
Naviculopsis ponticula spinosa, Site 962, A:273; B:503, 507
Naviculopsis ponticula Zone
 Site 959, A:92; B:493–495
 Site 962, A:273
Naviculopsis quadrata, Site 959, B:494
Naviculopsis quadrata Zone, Site 959, B:495
neoabies, Sphenolithus
 Site 959, A:87–88; B:512–513, 518, 576
 Site 960, A:178–179; B:514–515, 518
 Site 961, A:235–236; B:515
 Site 962, A:272; B:516
Neobulimina albertensis, Site 962, B:356, 362
Neobulimina spp., Site 962, B:348
Neobulimina subregularis, Site 959, B:378–379, 383, 387
Neochiastozygus digitosus, Site 961, A:236
Neochiastozygus junctus, Site 961, A:236
Neococcolithes dubius, Site 960, A:178–179; B:431
Neoflabellina rugosa, Site 959, B:390
Neogloboquadrina acostaensis
 Site 959, A:90–91; B:449, 456, 475
 Site 961, A:237; B:462
 Site 962, A:273
 Sites 959–962, B:448, 472
Neogloboquadrina continuosa, Sites 959–960, B:472
Neogloboquadrina dutertrei
 Site 959, A:90–91; B:449, 478, 540–544, 547–554
 Site 960, A:180; B:457
 Site 961, A:236–237
 Site 962, A:272–273; B:462
 Sites 959–960, B:472
Neogloboquadrina humerosa, Site 959, B:472
Neogloboquadrina mayeri, Site 959, A:91
Neogloboquadrina pachyderma
 Site 959, A:90–91; B:449, 475
 Site 960, A:180
 Site 961, A:236
 Site 962, A:272; B:462
 Sites 959–960, B:472
neogranulata, Helicosphaera, Site 960, A:178
neohamatus, Discoaster
 Site 960, A:178–179; B:514
 Site 961, A:236; B:515
neorectus, Discoaster, Site 960, A:179; B:510, 513–514, 517
neosoldanii, Gyroidinoides, Site 959, B:608, 610
nepenthes, Globigerina
 Site 959, A:91
 Site 960, A:180–181; B:457
 Site 961, A:237; B:462
nepenthes, Globoturborotalita
 Site 959, B:449, 456, 476
 Sites 959–960, B:472
 Sites 959–962, B:448
nephados, Discoaster
 Site 959, B:512
 Site 960, B:513
 new taxa
 Site 959, B:266–267, 274, 525, 530–531
 Site 960, B:433
nitescens, Coronocylus
 Site 959, A:88–89; B:512, 517, 534
 Site 960, B:513–514
 Site 961, A:236; B:515
nitida, Candaina
 Site 959, A:91; B:477
 Sites 959–961, B:466
nitidus, Gyroidinoides cf. *Gyroidinoides*, Site 962, B:357, 362
nitidus, Gyroidinoides sp. ex gr., Site 959, B:383, 386
nobilis, Discoaster, Site 959, A:90
nodifer, Discoaster, Site 959, A:89
Nodosarella cf. *advena*, Site 960, B:444
Nodosarella spp., Site 959, B:378
nodosaria, Lingulonodosaria, Site 962, B:354, 361
Nodosaria aspera, Site 959, B:383, 385
nodulosus, Reophax, Site 959, B:410
Nonion havanense
 Site 960, B:443
 Site 961, A:238
Nonion spp., Côte d'Ivoire-Ghana continental margin, A:307
Nothia latissima, Site 962, B:353, 360
Nothia sp. ex gr. *excelsa*, Site 959, B:383, 385, 405
Novixitus mclaughlini, Site 962, B:364, 370, 373
nuttalli, Pleurostomella, Site 960, B:444
Nuttallides spp., Côte d'Ivoire-Ghana continental margin, A:307
Nuttallides truempyi
 Site 959, B:391
 Site 960, B:444

- Site 961, A:237
- oamaruensis*, *Chiasmolithus*, Site 959, B:416
- obesa*, *Globigerinella*
Site 959, A:92; B:467, 479
Site 960, B:467
- obliqua*, *Helicosphaera*
Site 959, B:512
Site 960, A:179
Site 961, A:236
- obliquiloculata*, *Pulleniatina*
Site 959, A:90–91; B:449, 477
Site 960, A:180; B:457
Site 961, A:236; B:462
Site 962, A:272; B:462
Sites 959–962, B:473
- obliquipes*, *Cerodinium*, Site 959, B:301
- obliquum*, *Gartmerago*
Site 959, B:512
Site 960, A:180
Site 962, B:324
- obliquum*, *Gartmerago* sp. cf. *Gartmerago*, Site 962, A:272
- obliquus*, *Globigerinoides*
Site 960, B:476
Sites 959–962, B:468
- obliquus*, *Globorotalia*
Site 959, A:90–91
Site 960, A:180–181
Site 961, A:237
- obscurus?*, *Calculites*, Site 959, A:90
- obtusarca*, *Naviculopsis*, Site 959, A:92;
B:502–503, 507
- obtusus*, *Sphenolithus*, Site 959, A:89
- oceanica*, *Coronifera*, Site 959, B:299
- oceanica*, *Gephyrocapsa*
Site 959, A:87; B:513, 519, 534, 576
Site 960, A:178–179; B:514–515, 519
Site 961, A:234; B:515
Site 962, A:272; B:516
- octacantha*, *Tetrapyle*, Site 962, A:273
- octopetalus*, *Eprolithus*, Site 959, B:323
- octoradiata*, *Ahmuellerella*, Site 959, B:323
- Odontochitina operculata*, Site 959, B:301
- Odontochitina porifera*, Site 959, B:273, 279, 301,
483
- Oligosphaeridium buciniferum*, Site 962, B:258
- Oligosphaeridium complex*, Site 959, B:299
- Oligosphaeridium pulcherrimum*, Site 959, B:273
- oligostegia*, *Laeidentalina*, Site 962, B:354, 361
- omega*, *Gephyrocapsa*, Site 962, B:516
- Ommatartus tetrathalamus*, Site 962, A:273
- Oolina* cf. *Oolina sulcata*, Site 962, B:356
- Oolina sulcata*, Site 962, B:356, 361
- operculata*, *Odontochitina*, Site 959, B:301
- operculatus*, *Proxapertites*, Site 959, A:93
- ophirensis*, *Anthocyrtidium*, Site 962, A:273
- Orbiculiforma maxima*, Site 962, B:364, 370, 372
- Orbiculiforma* sp., Site 962, B:370, 372
- Orbiculiforma* spp., Site 962, B:366
- Orbicullapolis* sp.?, Site 959, A:93
- Orbulina bilobata*, Sites 959–962, B:473
- Orbulina suturalis*
Site 959, A:91; B:456–457, 476
Site 960, B:457
Sites 959–962, B:446, 473
- Orbulina universa*
Site 959, B:449
Site 960, A:180
Site 961, A:236–237
Sites 959–960, B:473
- ordinata*, *Glaphyrocysta*, Site 959, B:313
- Oridorsalis umbonatus*, Site 960, B:433
- orionatus*, *?Tranolithus*, Site 960, A:180
- orphanknollensis*, *Sphenolithus*, Site 960, B:417
- Orthorhabdus serratus*
Site 959, B:512–513, 516–517
Site 960, A:179; B:510, 514
Site 961, A:236; B:510, 515
- orthostylus*, *Tribrachiatulus*
Site 959, A:89; B:416
Site 960, A:178–180; B:417, 419, 431
Site 961, A:236; B:421
- Osangularia pteromphalia*, Site 960, B:434, 444
- Osangularia* sp. 1, Site 962, B:357, 362
- ?Osangularia* sp. 2, Site 962, B:349, 352, 357, 362
- Osangularia* spp., Site 962, B:348
- ovalis*, *Ericsonia*, Site 961, A:236
- ovata*, *Emiliania*, Site 959, B:534
- ovata*, *Watznaueria*, Site 962, A:272
- ovula*, *Caudammina*, Site 959, B:407
- ovuloides*, *Caudammina*, Site 959, B:407, 410
- pachyderma*, *Neogloboquadra*
Site 959, A:90–91; B:449, 475
Site 960, A:180
Site 961, A:236
Site 962, A:272; B:462
Sites 959–960, B:472
- paenedehiscens*, *Sphaeroidinellopsis*
Site 959, A:90; B:449, 479
Site 962, A:273
Sites 959–962, B:473
- Palaeocystodinium australinum*, Site 959, B:273,
279, 282, 305
- Palaeocystodinium lidiae*, Site 959, B:279, 301
- Palaeocystodinium* sp. A, Site 959, B:301
- Palaeocystodinium* sp. B, Site 959, B:305
- Palaeohystrichophora infusorioides*
Site 959, B:279
Site 960, B:285, 299
Site 962, B:258, 285
- Palambages morulosa*, Site 959, B:282, 315
- Palambages* sp., Site 959, B:315
- palmerae*, “*Eggerella*,” Site 960, B:441
- Palynofacies Assemblage 1, Site 959, B:318
- Palynofacies Assemblage 3, Site 959, B:318
- Palynofacies Assemblage 4, Site 959, B:318
- Palynofacies Assemblage 5, Site 960, B:318
- Palynofacies Assemblage 6, Site 959, B:318
- Palynofacies Assemblage 7, Site 959, B:318
- panda*, *Globorotalia*, Site 959, A:91; B:470
- pannosum*, *Perisseiasphaeridium*, Site 959, B:273
- pannucius*, *Crybelosporites*, Site 962, B:275
- pansus*, *Discoaster*
Site 960, A:179
Site 961, A:235
- papilio*, *Dorcadospyrus*, Site 961, A:238
- pappii*, *Nannotetrina*, Site 960, A:178
- paradubia*, *Whiteinella*(?), Site 960, B:335, 344
- Parakrithes* sp., Site 960, B:529
- parallela*, *Gephyrocapsa*, Site 962, A:271–272
- parallelus*, *Astacolus*, Site 959, B:382, 385
- Paranesidea* sp., Site 960, B:529
- Parasubbotina varianta*, Site 960, A:182
- Paratrochamminoides acervulatus*, Site 959,
B:404
- Paratrochamminoides* sp., Site 959, B:404
- parawoodi*, *Globigerinoides*
Site 959, B:476
Sites 959–960, B:469
- Parhabdolithus achylostaurion*, Site 962, A:272
- parkeriae*, *Melonis*, Site 959, B:606–607
- parva*, *Circulina*, Site 962, B:287, 317
- parva*, *Pilospora*, Site 959, A:93
- Parvisaccites* cf. *Parvisaccites radiatus*
Site 959, B:317
Site 960, B:285, 484
- Patellina* spp., Site 962, B:348
- Patellina subcretacea*, Site 962, B:354, 360
- Patellula heroica*, Site 962, B:370, 372
- Patellula verteroiensis*, Site 962, B:364, 370, 372
- Patulibracchium* sp., Site 962, B:370, 373
- paucispinum*, *Cyclonephelium* cf.
Cyclonephelium, Site 959, B:307
- pauperata*, *Laticarinina*, Site 961, A:237
- Pediastrum?* sp., Site 959, B:315
- pelagica*, *Thalassiphora*, Site 959, B:279, 282
- pelagicus*, *Coccolithus*
Site 959, B:415, 512, 576
Site 960, A:179
Site 961, A:234–236
- Pemma* spp., Sites 960–961, B:421
- pemmatoidea*, *Manivitella*
Site 960, A:178, 180
Site 962, A:272
- pentagona*, *Pierceites*, Site 959, B:279, 282–283,
309
- pentaradiatus*, *Discoaster*
Site 959, A:87; B:512, 517–518, 534
Site 960, A:177–179; B:513–515
Site 961, A:235–236; B:515
Site 962, A:272; B:516
- Percivilia hauytonensis*, Site 962, B:324
- peregrina*, *Uvigerina*
Site 959, B:606, 608–610
Site 961, A:237
- perexplicatus*, *Haplophragmoides* ex gr., Site 959,
B:407
- perforata*, *Glaphyrocysta*, Site 959, B:279, 282,
311
- peripheroacuta*, *Fohsella*
Site 959, B:456–457, 475
Site 960, B:457
Sites 959–962, B:446–447, 467
- peripheroacuta*, *Globorotalia*
Site 959, A:91–92
Site 960, A:181
- peripheroronda*, *Fohsella*
Site 959, B:475
Site 960, B:457, 467
- peripheroronda*, *Globorotalia*
Site 959, A:91–92
Site 960, A:181
Site 961, A:237
- Perisseiasphaeridium pannosum*, Site 959, B:273
- pertenuis*, *Globorotalia*
Site 959, A:90; B:449, 478
Site 960, A:180; B:457
Site 961, A:236–237
Site 962, A:273; B:462
Sites 959–962, B:470
- pertusus*, *Toweius*, Site 961, A:236
- Pervosphaeridium cenomaniense*, Site 962, B:258
- Pervosphaeridium truncatum*, Site 962, B:258
- petaliformis*, *Discoaster*
Site 959, B:512–513
Site 960, B:514
- petila*, *Vaginulina*, Site 962, B:355
- phacelosus*, *Tranolithus*, Site 959, A:90
- Phelodinium gadianum*, Site 959, B:301
- Phelodinium magnificum*, Site 959, B:257, 274
- Pierceites pentagona*, Site 959, B:279, 282–283,
309
- Pilospora parva*, Site 959, A:93
- placacantha*, *Systematophora*, Site 959, B:279,
303
- Placozygus sigmoides*, Site 961, A:236
- planispira*, *Hedbergella*, Site 962, B:349
- Planularia complanata*
Site 959, B:383, 385
Site 962, B:355, 361

- Planularia* spp., Site 959, B:378
plesiotumida, *Globorotalia*
 Site 959, A:90–91; B:449, 456, 478
 Site 960, A:180–181; B:457
 Site 961, A:237; B:462
 Sites 959–962, B:448, 470–471
Pleurostomella brevis, Site 960, B:444
Pleurostomella naranjoensis, Site 960, B:444
Pleurostomella nuttalli, Site 960, B:444
Pleurostomella spp., Site 959, B:378
Podocyrthis chalara, Site 960, A:182
Podocyrthis chalara Zone, Site 960, A:182; B:421
Podocyrthis trachoides, Site 960, A:182
polius, *Eponides*, Site 961, A:237
Polyadopollenites sp., Site 959, A:93
polymorphus, *Reyrea*, Site 961, B:276
polymorphus, *Reyrea* cf. *Reyrea*, Site 961, B:258, 276
ponticula, *Naviculopsis*
 Site 959, A:92; B:493, 500, 503, 507
 Site 962, A:273
ponticula spinosa, *Naviculopsis*, Site 962, A:273; B:503, 507
Pontosphaera indoceanica
 Site 959, A:87
 Site 960, A:177, 179
Pontosphaera japonica
 Site 960, A:179
 Site 961, A:235
Pontosphaera multipora, Site 960, B:421, 431
porifera, *Odontochitina*, Site 959, B:273, 279, 301, 483
Poseidonamicus major
 Site 959, B:525, 530
 Site 960, B:525
Poseidonamicus–Pseudobosquetina–Cytherella serrulata assemblage
 Site 959, B:525
 Site 960, B:525
Praebulimina fang, Site 959, B:378–379, 383, 387
Praebulimina proluxa longa, Site 959, B:378–379, 383, 387
Praebulimina robusta, Site 959, B:378–379, 383, 387
Praebulimina robusta–Neobulimina subregularis–Gyroidinoides subangulatus assemblage, Site 959, B:378
Praebulimina sp. 1, Site 959, B:376, 378–379, 383, 387
Praebulimina sp. 2, Site 959, B:378–379, 383–384, 387
Praebulimina sp. 3, Site 959, B:378–379, 384, 387
praebulimoides, *Globigerina*
 Site 959, A:92
 Site 961, A:237
praecursor, *Pulleniatina*, Sites 959–962, B:473
praedigitata, *Beella*
 Site 959, B:466
 Site 960, B:466
 “*praefohsi*,” *Fohsella*
 Site 959, B:456, 475
 Sites 959–962, B:447, 467
Praeglobotruncana cf. *delrioensis*, Site 962, B:337
Praeglobotruncana delrioensis, Site 962, A:273; B:339, 343
praemendarii, *Globorotalia*, Site 959, A:91; B:471, 475
Praeorbulina glomerosa
 Site 959, A:91; B:476
 Sites 959–962, B:446, 473
Praeorbulina glomerosa glomerosa
 Site 959, B:457
 Site 960, A:181
Praeorbulina sicana
 Site 959, B:457, 473
 Site 960, B:457, 476
 Site 961, A:237
 Sites 959–962, B:446
praescitula, *Globorotalia*
 Site 959, B:471
 Site 960, B:475
 Site 961, B:462
praesiphonifera, *Globigerinella*
 Site 959, A:91; B:467, 479
 Site 960, B:467
 Site 961, A:237
praespinifera, *Napora*, Site 962, B:364, 370, 372
Prediscosphaera avitus, Site 962, A:272; B:324
Prediscosphaera columnata
 Site 959, A:90; B:323
 Site 962, A:272; B:324
Prediscosphaera cretacea
 Site 960, A:178, 180
 Site 961, B:421
predistentus, *Sphenolithus*
 Site 959, A:89; B:417
 Site 960, A:179; B:421
prepentaradiatus, *Discoaster*
 Site 960, A:178–179
 Site 961, A:236
primalis, *Pulleniatina*
 Site 959, A:91; B:449, 456, 477
 Site 960, A:180
 Site 962, A:273
 Sites 959–962, B:473
primitiva, *Acarinina*, Site 959, A:92
primordius, *Globigerinoides*
 Site 960, A:181
 Sites 959–962, B:446
primula, *Ticinella*, Site 962, B:349
primus, *Amaurolithus*
 Site 959, A:88; B:510, 512, 517, 537
 Site 960, A:178
 Site 961, A:235; B:515
primus, *Sphenolithus*, Site 961, A:236
prisca, *Globulina*, Site 962, B:355–356, 361
prismatica, *Didymocyrtis*, Site 962, A:273
problematicus, *Bulbobaculites*, Site 959, B:406
profunda, *Florisphaera*
 Côte d’Ivoire–Ghana continental margin,
 A:313; B:517
 Site 959, B:513, 519, 534, 537, 575–580, 582
 Site 960, A:177–179; B:514–515, 519
 Site 961, A:234–235; B:515
 Site 962, A:271–272; B:516
prolixa, *Protentella*
 Site 959, B:479
 Site 960, B:473
prolixa longa, *Praebulimina*, Site 959, B:378–379, 383, 387
protensus, *Elaterosporites*
 Site 961, B:258
 Site 962, B:258, 276
Protentella prolixa
 Site 959, B:479
 Site 960, B:473
Proxapertites operculatus, Site 959, A:93
Proxapertites sp., Site 959, B:317
pseudanthophorus, *Zeugrhabdotus*, Site 962, A:272
Pseudobolivina spp., Site 959, B:392
Pseudobosquetina mucronalatum
 Site 959, B:525, 531
 Site 960, B:525
pseudocaris, *Archaeodictyomitra*, Site 962, A:273
Pseudodictyomitra lodogaensis, Site 962, B:364, 370, 373
Pseudodictyomitra pseudomacrocephala Zone,
 Site 962, B:364
Pseudoemiliania lacunosa
 Site 959, A:87; B:510, 512–513, 518–519, 534, 537
 Site 960, A:177–179; B:514–515, 518–519
 Site 961, A:234–235; B:515
 Site 962, A:271–272; B:516
pseudomiocenica, *Globorotalia*
 Site 960, A:180
 Site 961, A:236; B:462
 Site 962, A:273
 Sites 959–960, B:471
Pseudonodosaria sp. 1, Site 962, B:354, 361
pseudopauciloculata, *Ammosphaeroidina*, Site 959, B:407
pseudoradians, *Sphenolithus*, Site 959, A:89; B:417
pseudoubilicus, *Reticulofenestra*
 Site 959, A:88; B:510, 512–513, 517–518
 Site 960, A:178–179; B:514–515, 518
 Site 961, A:235–236; B:515
 Site 962, A:272; B:516
pseudovariabilis, *Discoaster*
 Site 960, B:513
 Site 961, A:236
psilatium, *Geiselodinium*, Site 959, B:279, 301
Psilocitharella recta, Site 959, B:384
Pterocanium trilobium, Site 962, A:273
pteromphalia, *Osangularia*, Site 960, B:434, 444
Pterospermopsis australiensis, Site 959, B:315
pulchella, *Dictyochoa*, Site 959, B:493
pulcher, *Transversopontis*, Site 960, B:421
pulcheroides, *Transversopontis*, Site 960, B:421
pulcherrimum, *Oligosphaeridium*, Site 959, B:273
pulchra, *Syracosphaera*
 Site 960, A:178
 Site 961, A:234–235
pulchrum, *Hystrichodinium*, Site 959, B:279, 305
Pullenia bulloides, Site 961, A:237
Pullenia eocenica, Site 960, B:443
Pullenia quinqueloba, Site 961, A:237
Pulleniatina obliquiloculata
 Site 959, A:90–91; B:449, 477
 Site 960, A:180; B:457
 Site 961, A:236; B:462
 Site 962, A:272; B:462
 Sites 959–962, B:473
Pulleniatina praecursor, Sites 959–962, B:473
Pulleniatina primalis
 Site 959, A:91; B:449, 456, 477
 Site 960, A:180
 Site 962, A:273
 Sites 959–962, B:473
puncticulata, *Globorotalia*
 Site 959, B:449, 478
 Site 960, A:180
 Sites 959–960, B:471
 Sites 959–962, B:448
punctulata, *Daktylethra*, Site 959, B:416
pygmaea, *Bolivina*, Site 959, B:379
pygmaea, *Siphogenerinoides*, Site 959, B:384, 386
pyramidalis, *Quadratubuliminella*
 Côte d’Ivoire–Ghana continental margin,
 A:307
 Site 961, A:238
pyramidata, *Gaudryina*, Site 959, B:383
Pyramidina africana n. sp., Site 960, B:433, 438–439, 443
Pyramidulina sceptrum, Site 962, B:354–355, 361
Pyramidulina spp., Site 959, B:378
Pyramidulina tetragona, Site 959, B:384–385
Pyrgo murrhina
 Site 959, B:606, 608, 610

- Site 961, A:237
Pyrgo serrata, Site 959, B:608, 610
Pyrgo spp., Site 961, A:237
Pyrimida spp., Côte d'Ivoire-Ghana continental margin, A:307
Pyrulina cylindroides
 Site 959, B:384–385
 Site 962, B:356
- quadra*, *Savaryella*, Site 962, B:370, 373
quadramus, *Discoaster*, Site 961, A:235
quadrata, *Nannotetrina*, Site 960, A:178–179
quadrata, *Naviculopsis*, Site 959, B:494
Quadratobuliminella pyramidalis
 Côte d'Ivoire-Ghana continental margin,
 A:307
 Site 961, A:238
Quadrum eneabrachium, Site 959, B:323
Quadrum gartnerii
 Site 959, A:90; B:323
 Site 960, A:180; B:323
Quadrum intermedium, Site 959, B:323
quinqueloba, *Pullenia*, Site 961, A:237
Quinqueloculina spp., Site 962, B:348, 354, 360
quinqueramus, *Discoaster*
 Site 959, A:88; B:512, 517, 534
 Site 960, A:178–179; B:513–514
 Site 961, A:235; B:515
- radians*, *Sphenolithus*, Site 960, A:178–179;
 B:417, 431
radiatus, *Parvisaccites* cf. *Parvisaccites*
 Site 959, B:317
 Site 960, B:285, 484
radiatus, *Sphenolithus*, Site 960, A:178
 Radiolarian gen. et. sp. indet. 1, Site 962, B:371,
 373
raijae, *Manumiella*, Site 959, B:279, 305
ramoides, *Hystriochodinium* cf., Site 959, B:273
ramosus ramosus, *Spiniferites*, Site 959, B:313
Ramulina aculeata, Site 959, B:384, 386
Ramulina globotubulosa, Site 959, B:384, 386
rara, *Dicroa*, Site 962, B:369, 372
recta, *Helicosphaera*
 Site 959, B:415, 417
 Site 960, A:179
recta, *Psilocitharella*, Site 959, B:384
Rectuvigerina mexicana, Site 960, B:433, 442
Rectuvigerina striata, Site 961, A:237
Recurvodes sp., Site 959, B:378, 396, 408
regulare, *Tanyosphaeridium*, Site 959, B:303
Reinhardtites anthophorus
 Site 959, A:90; B:323
 Site 960, B:324
Remesella varians?, Site 959, B:409
Reophax duplex, Site 959, B:405
Reophax nodulosus, Site 959, B:410
Reophax sp., Site 959, B:405
Reophax spp., Site 959, B:395
resex, *Florentinia*, Site 959, B:273
reticulatus, *Cyclicargolithus*, Site 959, B:416
Reticulofenestra asanoi, Site 962, A:272
Reticulofenestra dictyoda
 Site 959, A:89
 Site 960, A:178; B:417
Reticulofenestra gartneri, Site 960, A:178–179
Reticulofenestra lockeri
 Site 959, A:89; B:512
 Site 960, A:178; B:513–514
Reticulofenestra minuta
 Site 959, B:534, 537
 Site 961, A:236; B:518
Reticulofenestra minutula
 Site 959, B:534, 537
- Site 960, A:179
 Site 961, A:235
 Site 962, A:272; B:516
Reticulofenestra pseudoubilicus
 Site 959, A:88; B:510, 512–513, 517–518
 Site 960, A:178–179; B:514–515, 518
 Site 961, A:235–236; B:515
 Site 962, A:272; B:516
Reticulofenestra samodurovii, Site 960, A:179
Reticulofenestra umbilicus, Site 959, A:89; B:416
reticulominutus, *Tricolpites*, Site 959, B:278–279,
 282, 317
Reticulophragmium sp., Site 959, B:406
Reticulophragmoides jarvisi, Site 959, B:390, 397,
 411
Retimonocolpites sp., Site 959, A:93
Retitricolporites sp., Site 959, A:93
Retitriporites trianguliformis, Site 959, A:89
Reyrea cf. *Reyrea polymorphus*, Site 961, B:258,
 276
Reyrea polymorphus, Site 961, B:276
Reyrea polymorphus Zone, Site 961, B:258
Rhabdammina cylindrica, Site 959, B:392, 404
Rhabdosphaera claviger
 Site 960, A:179
 Site 961, A:235
Rhagodiscus angustus, Site 959, A:90; B:323
Rhagodiscus asper, Site 962, A:272
Rhizammina spp., Site 962, B:353
rhomba, *Helicosphaera*, Site 961, A:236
Rhombaster bitrifida, Site 959, A:89; B:415
rhomboides, *Andalusella*, Site 959, B:272
Rhopalosyringium euganeum, Site 962, B:364
Rhopalosyringium hispidum, Site 962, B:364, 370,
 372
Rhopalosyringium mosquense, Site 962, B:370,
 373
Rhopalosyringium sp. cf. *Rhopalosyringium*
euganeum, Site 962, B:370, 372
Riculacysta amplexus, Site 959, B:484
riedelii, *Heliolithus*
 Site 959, A:90
 Site 961, A:236
rippensis, *Uvigerina*, Site 960, B:442
rischi, *Hedbergella*, Site 962, B:349
roberti, *Ticinella* cf., Site 962, B:336, 338, 343
robertsi, *Turrilina*, Site 960, B:443
robusta, *Calcocyrella*, Site 962, A:273
robusta, *Ericsonia*, Site 961, A:236
robusta, *Praebulimina*, Site 959, B:378–379, 383,
 387
robustus, *Discoaster*, Site 961, A:236
Rocella vigilans, Site 959, A:92
rohri, *Stilostomella*, Site 960, B:443
rohri, *Truncorotaliodes*, Site 960, A:182
rosenfeldi, *Buntonia* cf.
 Site 959, B:525, 531
 Site 960, B:525
Rosita fornicata, Site 960, A:182
Rosita? sp., Site 960, A:182
rostrata, *Bulimina*, Site 959, B:606–607, 610
“*Rotalipora*” *appeninnica* Zone, Site 962, A:273
Rotalipora appenninnica Zone, Site 962, B:337
Rotalipora ticinensis, Site 962, B:364
rotula, *Geminolithella*, Sites 959–962, B:516
rotulata, *Lenticulina*, Site 959, B:383, 385
ruber, *Globigerinoides*
 Site 959, A:90; B:476
 Site 960, A:180
 Site 961, A:236
 Sites 959–962, B:468
Rugoglobigerina? gr. *rugosa*, Site 960, A:182
rugosa, *Neoflabellina*, Site 959, B:390
rugosa, *Rugoglobigerina?* gr., Site 960, A:182
- rugosus*, *Ceratolithus*
 Site 959, A:88
 Site 960, A:179; B:514–515
 Site 961, A:235
 Site 962, A:272; B:516
rugosus, *Triquetrorhabdulus*
 Site 959, B:512, 518
 Site 960, A:179; B:514
 Site 961, A:235; B:515
Rugulatisporites caperatus, Site 959, B:279, 317
rugulatum, *Tectatodinium*, Site 959, B:274
ruthvenmurrayi, *Trochammina*, Site 959, B:391,
 397, 409
Rzehakina epigona, Site 959, B:390, 392, 395,
 404, 411, 484
Rzehakina epigona lata, Site 959, B:411
Rzehakina epigona/Spiroplectammina spectabilis
 Zone, Site 959, B:396
Rzehakina fissistomata, Site 959, B:391, 411
Rzehakina inclusa, Site 959, B:404
Rzehakina minima, Site 959, B:411
- Saccammina grzybowskii*, Site 959, B:410
sacculifer, *Globigerinoides*
 Site 959, A:90–91; B:449, 540–544, 547–554
 Site 960, A:180–181
 Site 961, A:236–237
 Site 962, A:273
 Sites 959–962, B:468
sacculifer, *Globorotalia*, Site 959, A:90–91
sacculifer cf. *fistulosus*, *Globigerinoides*, Site 959,
 B:476
sacculifer fistulosus, *Globigerinoides*
 Site 959, B:449, 468, 476
 Site 960, B:457
 Sites 959–962, B:449
sacculifer (var. *trilobus*), *Globigerinoides*, Sites
 959–962, B:446
saipanensis, *Discoaster*
 Site 959, A:89
 Site 960, A:178
salebrosus, *Biscutum*, Site 962, B:324, 327
salpinx, *Tanyosphaeridium*, Site 959, B:299
samodurovii, *Reticulofenestra*, Site 960, A:179
sanmiguelensis, *Discoaster*
 Site 959, A:88; B:512
 Site 960, A:178–179; B:513–514
 Site 961, B:515
Saraceneria sp., Site 962, B:355
Saraceneria spp., Site 959, B:378
Saraceneria triangularis, Site 959, B:384
saundersii, *Discoaster*, Site 960, B:513–514
Savaryella quadra, Site 962, B:370, 373
scalaris, *Subreophax*, Site 959, B:405, 410
Scapholithus fossilis, Site 959, B:534
sceptrum, *Pyramidulina*, Site 962, B:354–355,
 361
Schackoina sp.
 Site 959, B:348
 Site 962, B:348
Schackoina sp. cf. *Schackoina cenomana*, Site
 962, A:273; B:339, 343
schulzii, *Cannopilus*, Site 959, B:496
schulzii forma *longispinus*, *Cannopilus*, Site 959,
 B:497
scissura, *Helicosphaera*, Site 959, B:512
scitula, *Globorotalia*
 Site 959, A:90; B:449, 477
 Site 960, A:180
 Site 961, A:236
 Sites 959–962, B:471
scrippsae, *Dietyococites*, Site 959, A:89; B:417
sculptus, *Alievum*, Site 962, B:364, 368, 373
seelandica, *Manumiella*, Site 959, B:279, 282,

- 291, 309
seigliei, *Globigerinoides*
 Site 959, B:476
 Site 961, A:237
 Sites 959–960, B:468
sellii, *Helicosphaera*
 Site 959, A:87; B:512, 519
 Site 960, A:177, 179; B:514–515
 Site 961, A:234; B:515
 Site 962, A:272; B:516
semicostata, *Bulimina*, Site 960, B:442
semicibratus, *Anomalinoidea*,
 Site 960, B:443
 Site 961, A:237
seminulina, *Sphaeroidinellopsis*
 Site 959, A:90; B:449
 Site 960, A:180
 Site 961, A:236–237
 Sites 959–962, B:448, 474
seminulum, *Helicosphaera*, Site 960, A:179;
 B:430
Senegalinium laevigatum, Site 959, B:257, 274,
 305
senonensis, *Areoligera*, Site 959, B:279, 303
senonica, *Canningia*, Site 959, B:279, 299
separatus, *Ceratolithus*, Site 961, A:235
septatus, *Spiniferites*, Site 959, B:285, 313, 484
septemradiatus, *Discoaster*, Site 961, A:236
septenarius, *Lithastrinus*
 Atlantic Ocean E, B:320
 Site 959, A:90; B:323
 Site 960, A:178, 180; B:324
serpens, *Glomospira*, Site 959, B:404, 410
serrata, *Calocyclus*, Site 961, A:238
serrata, *Pyrgo*, Site 959, B:608, 610
serrata, *Cytherella*
 Site 959, B:525, 529
 Site 960, B:525
serratus, *Orthorhabdus*
 Site 959, B:512–513, 516–517
 Site 960, A:179; B:510, 514
 Site 961, A:236; B:510, 515
serratus, *Triquetrorhabdulus*, Site 959, A:89
Sethochytris babylonis
 Site 960, A:182
 Site 961, A:238
siakensis, *Globorotalia*, Site 959, A:91
sibogae, *Umbilicosphaera*
 Site 959, B:513
 Site 960, A:178; B:514–515
 Site 961, A:235
 Site 962, B:516
sicana, *Globorotalia*, Site 959, A:91–92
sicana, *Praeorbulina*
 Site 959, B:457, 473
 Site 960, B:457, 476
 Site 961, A:237
 Sites 959–962, B:446
sicanus, *Globigerinoides*, Site 960, A:181
sigmoides, *Placozygus*, Site 961, A:236
Sigmolimita tenuis, Site 959, B:606, 608
signata, *Broinsonia*, Site 962, A:272
signum, *Corollithion*, Site 962, A:272; B:324
signus, *Discoaster*, Site 960, A:178
silviae, *Dactyliosphaera*, Site 962, B:369, 372
simplex, *Archaeodictyomitra*, Site 962, A:273;
 B:368, 372
simplex, *Hedbergella* cf., Site 962, B:337–338,
 342
sinuosa?, *Marginotruncana*, Site 960, A:182
Siphogenerinoides pygmaea, Site 959, B:384, 386
siphonella, *Karrieriella*, Site 960, B:437, 441
siphonifera, *Globigerinella*
 Site 959, B:467, 479
 Site 960, B:467
soldanii, *Gyroidinoides*, Site 959, B:606, 608, 610
solitus, *Chiasmolithus*
 Site 959, A:89; B:416
 Site 960, A:178–179, 184; B:417, 430, 514
 Site 961, A:236
 Site 962, A:272
soluta, *Laevidentalina*, Site 962, B:383
speciosum, *Cerodinium*, Site 959, B:279
spectabilis, *Spiroplectammina*
 Site 959, B:390, 395, 397, 409, 484
 Site 961, A:237
speculum binoculus, *Distephanus*, Site 959,
 B:501, 507
speculum haliomma, *Distephanus*, Site 959, A:92;
 B:494
speculum hemisphaericus, *Distephanus*
 Site 959, A:92; B:493–494, 501, 507
 Site 962, A:273
speculum patulus, *Distephanus*, Site 959, B:493,
 501, 507
speculum pentagonus, *Distephanus*, Site 959,
 B:493, 501, 507
speculum speculum, *Distephanus*, Site 959, A:92;
 B:494, 501, 506–507
speculum triommata, *Distephanus*
 Site 959, A:92
 Site 962, A:273
sphaerica, *Cavaspongia*, Site 962, B:364, 369,
 373
Sphaeroidina bulloides, Site 961, A:237
Sphaeroidinella dehiscentis
 Site 959, A:91; B:449, 456, 479
 Site 960, A:180
 Site 961, A:236–237
 Site 962, A:273; B:462
 Sites 959–962, B:473
Sphaeroidinellopsis disjuncta, Site 959, B:473,
 479
Sphaeroidinellopsis kochi
 Site 959, A:90–91; B:449
 Site 960, B:457
 Site 961, A:237
 Sites 959–962, B:473
Sphaeroidinellopsis paenedehiscens
 Site 959, A:90; B:449, 479
 Site 962, A:273
 Sites 959–962, B:473
Sphaeroidinellopsis seminulina
 Site 959, A:90; B:449
 Site 960, A:180
 Site 961, A:236–237
 Sites 959–962, B:448, 474
Sphaeroidinellopsis spp.
 Site 959, A:90–91; B:449
 Site 960, A:180–181
 Site 961, A:237; B:462
 Site 962, B:462
Sphenolithus abies
 Site 959, A:88; B:512–513, 518, 576
 Site 960, A:178–179; B:514–515, 518
 Site 961, A:235–236; B:515
 Site 962, A:272; B:516
Sphenolithus anarrhopus, Site 959, A:89
Sphenolithus belemnos
 Site 959, A:89; B:512, 516, 534
 Site 960, A:178–179; B:513–514
Sphenolithus capricornus, Site 959, B:415
Sphenolithus ciproensis
 Site 959, A:89; B:414–415
 Site 960, A:179; B:513–514
Sphenolithus compactus, Site 961, A:236; B:515
Sphenolithus conicus, Site 960, A:178
Sphenolithus conspicuus, Site 959, A:89
Sphenolithus delphix
 Site 959, B:415
 Site 960, A:179
Sphenolithus dissimilis
 Site 959, A:89
 Site 960, A:179
 Site 961, B:515
Sphenolithus distentus
 Site 959, A:89; B:414, 417
 Site 960, A:179; B:421
Sphenolithus editus, Site 959, A:89
Sphenolithus elongatus, Site 960, B:417
Sphenolithus furcatolithoides
 Site 959, A:89
 Site 960, A:179; B:417
Sphenolithus heteromorphus
 Site 667, B:519
 Site 959, A:88–89; B:512–513, 516–517
 Site 960, A:178–179; B:513–514, 517
 Site 961, A:236; B:515
Sphenolithus moriformis
 Site 960, A:178
 Site 961, A:236
Sphenolithus neoabies
 Site 959, A:87–88; B:512–513, 518, 576
 Site 960, A:178–179; B:514–515, 518
 Site 961, A:235–236; B:515
 Site 962, A:272; B:516
Sphenolithus obtusus, Site 959, A:89
Sphenolithus orphanknollensis, Site 960, B:417
Sphenolithus predistentus
 Site 959, A:89; B:417
 Site 960, A:179; B:421
Sphenolithus primus, Site 961, A:236
Sphenolithus pseudoradians, Site 959, A:89;
 B:417
Sphenolithus radians, Site 960, A:178–179;
 B:417, 430
Sphenolithus radiatus, Site 960, A:178
Sphenolithus spiniger, Site 959, A:89
Sphenolithus spp., Site 961, A:236; B:518
spicularius, *Xitus*, Site 962, B:371–372
spicularius, ?*Xitus* sp. cf. *Xitus*, Site 962, B:371,
 373
Spinidinium? cf. *Spinidinium densispinatum*, Site
 959, B:301
Spiniferites bejui n. sp., Site 959, B:266, 274
Spiniferites cf. *Spiniferites lenzii*, Site 959, B:279,
 315
Spiniferites cornutus cornutus, Site 959, B:274
Spiniferites cornutus laevimurus, Site 959, B:309
Spiniferites fluens, Site 959, B:274, 279, 315
Spiniferites hyalospinosus, Site 959, B:274
Spiniferites ramosus ramosus, Site 959, B:313
Spiniferites septatus, Site 959, B:285, 313, 484
Spiniferites sp. G
 Site 959, B:266, 274
 Site 962, B:258
Spiniferites spp., Site 959, B:291
Spiniferites supparus, Site 959, B:279, 303
Spiniferites twistringiensis, Site 959, B:279, 315
Spiniferites wetzelii, Site 959, B:315
spiniger, *Sphenolithus*, Site 959, A:89
Spinizonocolpites echinatus, Site 959, A:93
spinosa, *Agrenocythere*, Site 959, B:530
spinosa, *Dictyocha*, Site 959, B:499–500, 505
spinosa, *Gabonita*, Site 959, B:376
spinosa, *Uvigerina*, Site 960, B:442
spinosa, *Vulvulina*, Site 961, A:237
spinosus, *Blackites*, Site 960, A:179
spinosus, *Xitus*, Site 962, B:371 373
spinuloinflata, *Acarinina*, Site 960, A:182
Spirillina minima, Site 962, B:354, 360
 “*Spiroplectammina* event,” Site 959, B:397

- Spiroplectammina* ex gr. *dentata*, Site 959, B:409
Spiroplectammina excolata, Site 959, B:391
Spiroplectammina navarroana, Site 959, B:409
Spiroplectammina spectabilis
 Site 959, B:390, 395, 397, 409, 484
 Site 961, A:237
Spiroplectammina spp., Site 959, B:395–397
 ?*Spiroplectinella* sp. 1
 Site 959, B:348
 Site 962, B:349, 352–354, 360
 ?*Spiroplectinella* spp., Site 962, B:348–349
splendidus, *Discoaster*, Site 961, A:236
splendidus, *Subreophax*, Site 959, B:410
Spongaster tetras, Site 962, A:273
Spongatractus balbis, Site 961, A:238
stauraxonium, *Axoprimum*, Site 962, A:273
staurion, *Coccolithus*, Site 960, A:179
stauropora, *Liriospyris*, Site 962, A:273
Stensioina beccariiformis, Site 961, A:238
Stichomitra communis, Site 962, B:364, 370, 372
Stichomitra communis?, Site 962, A:273
Stichomitra stocki, Site 962, B:370–372
Stilostomella adolphina, Site 959, B:606, 608, 610
Stilostomella alexanderi, Site 959, B:384
Stilostomella atlantisae, Site 960, B:443
Stilostomella chilleana, Site 960, B:442
Stilostomella dentata-glabrata, Site 960, B:443
Stilostomella gr. *jarvisi*, Site 960, B:442
Stilostomella rohri, Site 960, B:443
Stilostomella sp., Site 962, B:356
Stilostomella spp.
 Site 959, B:378
 Site 960, B:433
 Site 961, A:237
 Site 962, B:349
stocki, *Stichomitra*, Site 962, B:370–372
Stoverius achylosus, Site 962, A:272
stradneri, *Distephanus*, Site 959, B:501–502, 506
stradneri var. *grandis*, *Distephanus*, Site 959, B:494, 502, 506
Stradneria crenulata, Site 962, A:272
striata, *Rectuvigerina*, Site 961, A:237
striatocostata, *Marginulopsis*, Site 962, B:355, 361
striatus, *Cerodinium*, Site 959, B:309
Strichtopilium bicorne, Site 962, A:273
strictus, *Discoaster*
 Site 959, A:89
 Site 960, A:179
Stylodictya spp., Site 962, A:273
Stylodictya validuspina, Site 962, A:273
subangulatus, *Gyroidinoides*, Site 959, B:378, 383, 386
Subbotina inequispira, Site 960, A:182
subcretacea, *Patiellina*, Site 962, B:354, 360
subglobosa, *Globocassidulina*
 Site 959, B:606, 608–609
 Site 960, B:433, 444
sublodoensis, *Discoaster*
 Site 959, B:416
 Site 960, A:178–179
 Site 961, A:236
sublodoensis, *Discoaster* sp. aff. *Discoaster*, Site 960, B:431
subquadratus, *Globigerinoides*
 Site 961, A:237
 Sites 959–960, B:468
subregularis, *Neobulimina*, Site 959, B:378–379, 383, 387
Subreophax ex gr. *guttifer*, Site 959, B:405
Subreophax scalaris, Site 959, B:405, 410
Subreophax sp., Site 959, B:405
Subreophax splendidus, Site 959, B:410
Subreophax spp., Site 959, B:395
- Subtilisphaera zawia*, Site 959, B:279, 299
sulcata, *Oolina*, Site 962, B:356, 361
sulcata, *Oolina* cf. *Oolina*, Site 962, B:356
supparus, *Spiniferites*, Site 959, B:279, 303
surculus, *Discoaster*
 Site 959, A:87; B:512, 518, 534
 Site 960, A:177–179; B:513–515
 Site 961, A:235
 Site 962, A:272; B:516
suteri, ?*Globorotaloides*, Site 960, B:479
suteri, *Globorotaloides*, Sites 959–960, B:471
suturalis, *Orbulina*
 Site 959, A:91; B:456–457, 476
 Site 960, B:457
 Sites 959–962, B:446, 473
Svalbardella group, Site 959, B:257
Syracosphaera pulchra
 Site 960, A:178
 Site 961, A:234–235
Systematophora placacantha, Site 959, B:279, 303
- tamalis*, *Discoaster*
 Site 959, A:87–88; B:512, 518
 Site 960, A:177, 179; B:514–515, 518
 Site 961, A:235; B:515
 Site 962, A:272
tanii, *Discoaster*, Site 959, A:89
Tanyosphaeridium regulare, Site 959, B:303
Tanyosphaeridium salpinx, Site 959, B:299
Tanyosphaeridium xanthopyxides, Site 959, B:274
Taxodiaceaeapollenites sp., Site 959, A:93
taylorana, *Lingulina*, Site 959, B:383
Tectatodinium rugulatum, Site 959, B:274
tenera, *Eponides*, Site 959, B:606–607, 610
tenuis, *Cruciplacolithus*
 Site 959, B:512
 Site 961, A:236
tenuis, *Sigmoilinita*, Site 959, B:606, 608
tenuiscostatum, *Chrysalogonium* cf., Site 960, B:441
Tenuitella sp.
 Site 959, B:477
 Sites 959–960, B:474
tetragona, *Pyramidulina*, Site 959, B:384–385
tetrapera, *Cyrtocapsella*, Site 962, A:273
Tetrapyle octacantha, Site 962, A:273
tetras, *Spongaster*, Site 962, A:273
tetrathalamus, *Ommatartus*, Site 962, A:273
Thalassiphora pelagica, Site 959, B:279, 282
Theocampe apicata, Site 962, B:366, 371–372
Theocyrtis annosa, Site 961, A:238
theta, *Glaukolithus*, Site 962, B:324
theyeri, *Globorotalia*, Sites 959–962, B:471
Tholospyris anthophora, Site 962, A:273
Tholospyris mammallaris, Site 961, A:238
Thompsonipollis sp.?, Site 959, A:93
Thyrsocyrtis hirsuta, Site 961, A:238
Ticinella cf. *roberti*, Site 962, B:336, 338, 343
Ticinella madecassiana, Site 962, B:336, 338, 342
Ticinella primula, Site 962, B:349
Ticinella(?) madecassiana, Site 962, B:337
Ticinella(?) spp., Site 962, A:273
ticinensis, *Rotalipora*, Site 962, B:364
Torculum coronatum, Site 962, B:371–372
torosus, *Corollina*, Site 962, B:287 317
toesaensis, *Globorotalia*
 Site 959, A:90; B:449
 Site 960, A:180; B:457
 Site 962, A:273
 Sites 959–962, B:449
Toweius eminens, Site 961, A:236
Toweius pertusus, Site 961, A:236
- trachoides*, *Podocyrtis*, Site 960, A:182
Tranolithus exiguus
 Site 959, B:323
 Site 962, A:272; B:324
Tranolithus gabalus, Site 960, A:180
Tranolithus manifestus, Site 962, A:272
 ?*Tranolithus orionatus*, Site 960, A:180
Tranolithus phacelosus, Site 959, A:90
transmonatum, *Tubulistrum* sp. aff. *Tubulistrum*,
 Site 962, B:371–372
Transversopontis pulcher, Site 960, B:421
Transversopontis pulcheroides, Site 960, B:421
Transversopontis spp., Site 960, B:421
triacantha, *Corbisema*, Site 959, B:493
triacantha mediana, *Corbisema*, Site 959, A:92; B:497, 505
triacantha triacantha, *Corbisema*
 Site 959, A:92; B:493–494, 497, 505
 Site 962, A:273
triacantha var. 1, *Corbisema*, Site 959, B:497, 505
Triactoma sp., Site 962, B:371, 373
triangula, *Globorotalia*, Site 959, A:90; B:449, 471
triangularis, *Saracenaria*, Site 959, B:384
trianguliformis, *Retitripurites*, Site 959, A:89
trianguliformis?, *Echtripurites*, Site 959, A:93
Tribrachiatus bramlettei, Site 959, B:416
Tribrachiatus contortus
 Site 959, A:89; B:416
 Site 960, B:419
Tribrachiatus orthostylus
 Site 959, A:89; B:416
 Site 960, A:178–180; B:417, 419, 431
 Site 961, A:236; B:421
Trichodinium castanea
 Site 959, B:279, 301
 Site 962, B:285, 287
Trichodinium castanea bifidum, Site 959, B:257, 274, 484
Trichodinium cf. *Trichodinium hirsutum*, Site 959, B:305
Tricolpites reticulominutus, Site 959, B:278–279, 282, 317
Tricolpites sp. 1, Site 959, B:278–279, 317
Tricolpites sp. 2, Site 959, B:279, 317
Tricolpites sp. 3, Site 959, B:279
Tricolporopollenites spp., Site 959, A:93
tricorniculatus, *Amaurolithus*, Site 959, A:88; B:512, 537
tricornus, *Tristylospyris*, Site 960, A:182
trilobium, *Pterocanium*, Site 962, A:273
trilobus, *Globigerinoides*
 Site 959, A:91–92; B:457
 Site 960, A:181
 Site 961, A:237
trinidadensis, *Bulimina*, Site 960, B:442
trinidadensis, *Kriithe* cf.
 Site 960, B:529
 Site 961, B:529
triodon, *Bachmannocena*, Site 959, B:496, 505
trionmata, *Distephanus*, Site 959, A:92
Triorites africaensis, Site 962, B:258, 276, 287, 317, 486
Triorites cf. *Triorites africaensis*, Site 962, B:317
Triorites sp., Site 962, B:276
Tripurites sp., Site 959, A:93
Triquetrorhabdulus auritus, Site 960, A:178
Triquetrorhabdulus carinatus
 Site 959, A:89; B:510, 512
 Site 960, A:178–179; B:418, 513–514
Triquetrorhabdulus famsworthii, Site 960, B:514
Triquetrorhabdulus milowii
 Site 959, B:512
 Site 960, A:178; B:513

- Triquetrorhabdulus rugosus*
Site 959, B:512, 518
Site 960, A:179; B:514
Site 961, A:235; B:515
- Triquetrorhabdulus serratus*, Site 959, A:89
- tristellifer*, *Discoaster*, Site 962, A:272
- Tristix acutangula*, Site 962, B:355, 361
- Tristylopyris tricornis*, Site 960, A:182
- Tritaxia havanensis*, Site 960, B:441
- Trithyrodinium druggii*, Site 959, B:274
- Trochammina gyroidinaeformis*, Site 959, B:407
- Trochammina ruthvenmurrayi*, Site 959, B:391, 397, 409
- Trochamminoides grzybowskii*, Site 959, B:411
- Trochamminoides* sp., Site 959, B:405
- Trochoaster* spp., Sites 960–961, B:421
- Trocholina infragranulata*, Site 962, B:354, 360
- Trocholina* spp., Site 962, B:348
- truempii*, *Helicosphaera*, Site 960, A:178–179; B:514
- truempii*, *Nuttallides*
Site 959, B:391
Site 960, B:444
Site 961, A:237
- truncatulinoides*, *Globorotalia*
Site 959, A:90; B:449, 471
Site 960, B:457
- truncatum*, *Dictyocornyne*, Site 962, A:273
- truncatum*, *Pervosphaeridium*, Site 962, B:258
- Truncorotaliodes rohri*, Site 960, A:182
- tubiferum*, *Hystrichosphaeridium*, Site 959, B:303
- tubiferum*, *Hystrichosphaeridium* cf. *Hystrichosphaeridium*, Site 959, B:309
- Tubulstrium* sp. aff. *Tubulstrium transmonatum*, Site 962, B:371–372
- tumida*, *Globorotalia*
Site 959, A:90–91; B:449, 456
Site 960, A:180; B:457, 477–478
Site 961, A:236–237; B:462
Site 962, A:272–273; B:462
Sites 959–962, B:448, 471
- Turborotalia griffinae*, Site 960, A:182
- Turrilina robertsi*, Site 960, B:443
- turrisieffeli*, *Eiffellithus*
Site 959, B:323
Site 960, A:180
Site 962, A:272; B:324
- twistingiensis*, *Spiniferites*, Site 959, B:279, 315
- typaniformis*, *Fasciculithus*
Site 959, A:89
Site 961, A:236
- Umbellosphaera irregularis*, Site 959, B:576
- umbilicata*, *Acaeniotyle*, Site 962, B:368, 373
- Umbilicosphaera irregularis*, Site 960, B:515
- Umbilicosphaera sibogae*
Site 959, B:513
Site 960, A:178; B:514–515
Site 961, A:235
Site 962, B:516
- umbilicus*, *Reticulofenestra*, Site 959, A:89; B:416
- umbonatus*, *Oridorsalis*, Site 960, B:433
- undulosum*, *Dinogymnium*
Site 959, B:279, 299
Site 960, B:285
- unicavus*, *Catapsydrax*
Site 960, B:457, 466
Sites 959–962, B:446
- Unipontidinium grande*, Site 959, B:257, 274
- universa*, *Orbulina*
Site 959, B:449
Site 960, A:180
Site 961, A:236–237
Sites 959–960, B:473
- Uvigerina ampullacea*, Site 959, B:606, 608
- Uvigerina hispida*, Site 959, B:606, 608, 610
- Uvigerina peregrina*
Site 959, B:606, 608–610
Site 961, A:237
- Uvigerina rippensis*, Site 960, B:442
- Uvigerina spinosa*, Site 960, B:442
- Uvigerinammina jankoi*, Site 959, B:390, 394, 406, 484
- Uvigerinammina jankoi/Caudammina ovulum gigantea* concurrent zone, Site 959, B:396
- uvula*, *Globigerinita*
Site 959, B:468, 477
Site 960, B:468
- Vaginulina petila*, Site 962, B:355
- Vaginulinopsis fragaria*, Site 960, B:434, 437–438, 441
- validuspina*, *Stylocyrtia*, Site 962, A:273
- Valvulina haeringensis*, Site 960, B:437, 441
- vaneendenburgi*, *Longapertites*, Site 959, B:285, 317
- vannophorum*, *Circulodinium*, Site 959, B:278
- vannophorum*, *Cyclonephelium*, Site 959, B:299
- varia*, *Dictyocha*, Site 959, B:500, 506
- variabilis*, *Discoaster*
Site 959, A:89; B:512, 534
Site 960, A:179; B:514
Site 961, A:235–236; B:515
Site 962, A:272
- variabilis*, *Discoaster* sp. cf. *Discoaster*, Site 959, B:512
- variabilis*, *Globorotaloides*, Sites 959–960, B:471
- varians*, *Cordosphaeridium*, Site 959, B:272
- varians?*, *Remesella*, Site 959, B:409
- variata*, *Parasubbotina*, Site 960, A:182
- varium*, *Alterbidinium*, Site 959, B:257, 272, 305
- vectensis*, *Fibrocysta*, Site 959, B:285, 313, 484
- velascoensis*, *Aragonia*
Côte d'Ivoire-Ghana continental margin,
A:307
Site 961, A:238
- velascoensis*, *Hormosina*, Site 959, B:390, 407, 410, 484
- venezuelana*, *Globoquadria*
Site 959, A:90–91; B:449
Site 960, A:180–181
Site 961, A:237
Site 962, A:273
Sites 959–962, B:469
- venezuelana*, *Globorotalia*
Site 961, A:237
Site 962, B:462
- verrucatus*, *Elaterosporites*, Site 961, B:258, 276
- verteroensis*, *Patellula*, Site 962, B:364, 370, 372
- vespertilio*, *Lithochytris*, Site 960, A:182
- vicksburgense*, *Chrysalogonium*, Site 960, B:438, 441
- vigilans*, *Rocella*, Site 959, A:92
- virginis*, *Calocyclus*, Site 962, A:273
- viscida*, *Fursenkoina*, Site 962, B:356
- Vitorfus morini*, Site 962, B:364, 371–372
- volata*, *Areoligera*, Site 959, B:272
- Vulvulina spinosa*, Site 961, A:237
- walteri*, *Haplophragmoides*, Site 959, B:390, 411
- walteri*, *Haplophragmoides* cf., Site 959, B:411
- Watznaueria barnesae*
Site 959, A:90; B:323
Site 960, A:178, 180
Site 961, A:234, 236; B:285
Site 962, A:272; B:324
- Watznaueria biporta*, Site 960, A:178
- Watznaueria ovata*, Site 962, A:272
- westralium*, *Dinogymnium*, Site 959, B:299
- wetzeli*, *Cribroperidinium*, Site 959, B:279, 309
- wetzeli*, *Spiniferites*, Site 959, B:315
- whangaia*, *Conotrochammina*, Site 959, B:390–391, 411
- whangaia*, *Conotrochammina* cf., Site 959, B:408
- whitei*, *Cometodinium* sp. cf. *Cometodinium?*, Site 959, B:301
- Whiteinella aprica*, Site 959, B:378
- Whiteinella archaeocretacea*, Site 959, B:378, 488
- Whiteinella archaeocretacea* Zone, Site 959, B:482
- Whiteinella* sp. cf. *Whiteinella aprica*, Site 960, B:336, 345
- Whiteinella(?) inornata*, Site 959, B:335
- Whiteinella(?) paradubia*, Site 960, B:335, 344
- Whiteinella(?)* sp., Site 959, B:345
- wilsonii*, *Glaphyrocysta*, Site 959, B:273
- woodi*, *Globigerina*, Site 961, A:237
- woodi*, *Globoturborotalia*
Site 959, B:476
Sites 959–962, B:472
- wuellerstorfi*, *Cibicides*
Site 959, B:540–541, 545–554
Site 961, A:237
- wuellerstorfi*, *Fontbotia*, Site 959, B:606–607, 609–610
- xanthiopyxides*, *Tanyosphaeridium*, Site 959, B:274
- Xenascus asperatus* Zone, Site 962, B:285
- Xenascus ghaensis* n. sp., Site 959, B:266–267, 274
- Xenascus gochti*, Site 959, B:257, 274
- Xestoleberis abyssoris*, Site 960, B:530
- ?*Xitus* sp. cf. *Xitus spicularius*, Site 962, B:371, 373
- Xitus spicularius*, Site 962, B:371–372
- Xitus spinosus*, Site 962, B:371, 373
- yorubaensee*, *Kallosphaeridium*, Site 959, B:257, 273
- zaklinskaiae*, *Ephedripites*
Site 959, B:257
Site 962, B:275
- zawia*, *Subtilisphaera*, Site 959, B:279, 299
- zelandicus*, *Gyroidina*, Site 961, A:237
- Zeugrhabdotus elegans*, Site 962, B:324, 327
- Zeugrhabdotus pseudanthophorus*, Site 962, A:272
- Zeugrhabdotus* sp. cf. *Zeugrhabdotus elegans*, Site 962, B:324
- zones (with letter prefixes)
CC8, Site 959, A:90
CC8b, Site 959, A:90
CC9, A:272; B:323
CC9a, Site 959, A:90; B:323
CC9b, B:323–324, 327
CC9c, Site 962, B:324
CC10, Atlantic Ocean E, B:320
CC11, Site 959, A:90; B:323, 482
CC12, Atlantic Ocean E, B:319
CC12b, Site 960, B:324
CC13, A:180; B:320
CC13a, Site 959, A:90; B:323, 482
CC13b, B:323–324
CC14, B:323–324, 422, 483
CC15a, B:323–324, 483
CC15b, Site 959, A:90; B:323, 327, 483
CC15b–CC16, Site 959, A:90
CC15b–CC17, Site 959, A:90
CC16, Site 959, A:90; B:415, 422, 483

- CC17, Site 959, A:90
 CN1, A:178; B:415
 CN1a, Site 959, A:89; B:414–415, 494, 510, 516
 CN1b, A:89, 92; B:418, 422, 494, 510, 512–514, 516
 CN1b/CN1c boundary, Site 959, B:516
 CN1c, A:89, 92, 178–179, 236; B:421, 494–495, 510, 512–515, 517
 CN2, A:92, 178–179; B:494, 512–514, 516
 CN3, A:89, 92, 178, 236–237; B:512–517
 CN4, A:178–179, 236; B:512–515, 517, 519–520
 CN5, A:177, 179; B:512–513, 517, 519–521
 CN5a, Site 959, A:88; B:512
 CN5b, Site 959, A:88; B:512–513, 517
 CN6, A:178; B:512–514, 517, 519, 521
 CN7, A:88, 178–179; B:519–520
 CN7a, A:236; B:513, 519, 521
 CN7b, B:512–515, 517, 520
 CN8, A:88, 178; B:510, 518, 520
 CN8a, B:515, 517, 519–520
 CN8b, A:236; B:510, 512–515, 517–518
 CN9, A:178; B:512, 515, 517–518
 CN9a, A:178, 235; B:510, 513–515
 CN9b, A:88, 235, 308; B:512–514, 517
 CN10, A:235; B:512–513
 CN10/CN11 boundary, Site 959, B:513
 CN10a, Site 959, B:514
 CN10b, A:88; B:514, 518
 CN10c, A:88, 235; B:514–515, 518
 CN10d, A:88; B:515, 537
 CN11, A:178, 308; B:512, 518, 533–537
 CN11/CN12 boundary, Site 959, B:513
 CN11a, A:88, 178–179, 272, 308; B:514–516, 518, 534, 537
 CN11b, A:88, 179, 235; B:510, 512, 515–516, 534, 537
 CN12, A:177, 179; B:512, 514–515, 518, 533–537
 CN12a, A:88, 177, 179, 235; B:514–515, 534, 537
 CN12b, A:87, 179, 272, 275; B:514, 516, 534
 CN12c, A:87; B:514, 516, 534
 CN12d, A:179; B:514, 516, 534
 CN13, B:515, 537
 CN13a, A:177, 179, 234; B:512, 514–516, 519, 534
 CN13b, A:87; B:513, 516, 534, 537
 CN14, Site 959, B:533–537
 CN14a, A:178, 271–272; B:513–516, 519, 534
 CN14b, A:87, 178, 271, 275; B:513, 515–516, 519, 534, 579
 CN15, A:178, 234, 271, 275; B:513, 515–516, 519, 533–537, 579
 CP6, Site 961, A:234, 236; B:421
 CP7, A:90, 236; B:415, 421–422
 CP8, A:236; B:415
 CP8a, Site 961, B:421
 CP8b, Site 959, A:89; B:415
 CP9, A:236; B:415
 CP9a, A:89, 179; B:416, 419
 CP9b, A:89, 178, 236; B:416–417, 421–422
 CP9b/CP10, Site 960, A:178 180
 CP10, A:89, 178–179, 236, 270; B:415–417, 419, 421–422
 CP11, A:178; B:415–417, 419, 421, 423
 CP12, Site 959, B:415
 CP12a, B:417, 419, 421
 CP12b, Site 960, B:423
 CP13, A:89, 178–179; B:416–417, 422
 CP13a, A:89; B:418–419, 421
 CP13b, B:416, 418, 421
 CP14, A:177; B:416
 CP14a, A:89; B:416, 423
 CP14b, A:182; B:417, 421–422
 CP14b–CP15, Site 959, A:89
 CP15, Site 959, A:89; B:416–417, 422
 CP17, Site 959, A:89; B:417, 422
 CP18, Site 959, B:414, 417
 CP19, A:89, 177, 179; B:422
 CP19/NP25 boundary, Site 959, B:415
 CP19a, B:414, 418, 421–423
 CP19b, B:414, 418, 421–422, 513–514
 M1, Site 960, A:181
 M1a, Site 960, A:181
 M1b, A:92, 182, 237
 M2, Site 960, A:181
 M3, A:90, 181, 237
 M4, Site 960, A:181
 M4a, Site 960, A:181
 M4b, A:92, 181
 M4c, Site 961, A:237
 M5, A:91, 181
 M6, A:91, 181
 M7, A:91, 181
 M8, Site 959, A:91
 M9, Site 959, A:91
 M10, Site 959, A:91
 M11, Site 959, A:91
 M12, Site 959, A:91
 M13, A:91, 181, 237, 276
 M13a, A:91, 237
 M13b, A:91, 181
 M14, A:91, 180–181, 237; B:456
 N4, Sites 959–962, B:446
 N5, Sites 959–962, B:446
 N6, B:466, 468, 474
 N7, B:446, 457, 462, 466–469, 472–474
 N7/N8, Site 961, B:462
 N8, B:446, 457, 462, 466–469, 471–474
 N8a, Sites 959–962, B:446
 N8b, Sites 959–962, B:446
 N9, B:446, 456–457, 466, 468–469, 471–474
 N10, B:447, 456, 467–469, 471–472
 N11, B:447, 456, 468, 471–472
 N12, B:448, 456, 462, 466–468, 470–474
 N13, B:448, 456–457, 466, 468, 470–473
 N13/N12 boundary, Site 959, B:456
 N14, Sites 959–962, B:448, 467, 470–471
 N15, Sites 959–962, B:448, 470
 N16, B:448, 456, 462, 466–470, 472
 N17, B:448, 456–457, 462, 466–468, 470, 472–473
 N22, A:90, 180, 236, 273
 N22a, Site 960, A:180
 N22b, Site 961, A:236
 N23, Site 961, A:236
 NH5, Site 959, B:521
 NN2, Site 959, B:495
 NN3, Site 959, B:495
 NN4, Site 959, B:495
 NN13, Site 959, B:518
 NN14, Site 959, B:518
 NP25/NN1 boundary, Site 959, B:415
 P0, Site 959, B:396
 P3, A:182; B:390
 P4, Site 960, A:182
 P5, A:182; B:390
 P6, Site 960, A:182
 P10, Site 960, A:182
 P11, Site 960, A:182
 P14, Site 960, A:182; B:434
 P21, Site 959, A:92
 P22, Site 959, A:92
 PL1, A:91, 180; B:448–449, 456–457, 462, 465, 469–470, 472–473
 PL1a, Site 961, A:237
 PL1b, A:236; B:449
 PL1c, A:236, 273; B:449
 PL2, A:91, 180, 237, 273, 275; B:448–449, 457, 462, 469–471, 473
 PL3, A:90, 180, 236–237, 273, 275–276; B:448–449, 462, 465, 468–471, 473–474
 PL4, A:90, 180, 236; B:448–449, 457, 466, 468–471
 PL5, A:90, 180, 236; B:448–449, 457, 462, 466–473
 PL6, A:90, 180, 236, 273; B:448–449, 457, 462, 471, 473
 Pt1, B:448–449, 457, 462, 466–467, 472
Zygrhablithus bijugatus
 Site 959, B:415–416
 Site 960, A:179; B:421