

INDEX TO VOLUME 146 (PART 2)

Santa Barbara Basin

This index provides coverage for both the *Initial Reports* and *Scientific Results* portions of Volume 146, Part 2 (Santa Barbara Basin), of the *Proceedings of the Ocean Drilling Program*. References to page numbers in the *Initial Reports* are preceded by “A2” with a colon (A2:), and to those in the *Scientific Results* (this book), by “B2” with a colon (B2:). In addition, reference to material in a back pocket is shown as “bp.”

The index was prepared by tgB, Inc., 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 of the main entry followed by a page reference.

The index is 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”) or core photographs; these are given in the *Initial Reports*. 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. This index also includes broad fossil groups such as foraminifers and nannofossils. The chapter for Site 893 in the *Initial Reports*, this volume’s only site, is considered the principal reference for the site and is indicated on the first line of the site’s listing in the index as “Site 893, A:15–50.”

The Taxonomic Index is an index relating to significant findings and/or substantive discussions, not of species names *per se*. This index covers mainly two varieties of information: (1) individual genera and species that have been erected or emended formally, and (2) fossils depicted in illustrations. A taxonomic entry consisting of both genus and species is listed alphabetically by genus and also by species.

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.

SUBJECT INDEX

- accumulation rates. *See* bulk mass accumulation rates; carbonate mass accumulation rates; diatom mass accumulation rates; organic carbon mass accumulation rates; pollen mass accumulation rates; quartz mass accumulation rates; mass accumulation rates
- acoustic coupling, compressional wave velocity, B2:196
- aerobic environment, sedimentation, B2:302–303
- age vs. depth, Site 893, B2:174
- age calibration, foraminifers, B2:23
- alcohols
sediments, B2:205–206
See also *n*-alcohols
- alcohols, steroidal, sediments, B2:207–209
- algae. *See* prymnesiophyte algae
- alkalinity, interstitial waters, B2:331
- alkenone unsaturation index, vs. time, B2:260
- alkenones
sediments, B2:209–210
unsaturation indices, B2:257–264
- anaerobic environment, basins, B2:302–303, 309–312, 322–323
- anoxia events, Quaternary, B2:41–42
- anoxic basins, dissolution, B2:179
- atmospheric precipitation
Quaternary, B2:160–161
See also rainfall
- Australian–Indonesian Low Pressure Zone, climate cycles, B2:42
- bacteria
profiles, B2:139–144
vs. depth, B2:141
- bacteria, methanotrophic, organic matter, B2:217
- bacterial degradation, sediments, B2:205
- bacterial mats
laminites, B2:81
See also microbial mats
- basins
sedimentation, B2:303–304
ventilation, paleoclimatology, B2:318–323
- beach sand, provenance, B2:63, 66–69
- biodegradation, sediments, B2:210
- biomass, productivity, B2:128
- biostratigraphy
calcareous nannofossils, B2:329–330
pollen, B2:265–279
Site 893, A2:44–46, 48–49
- bioturbation
diatoms, B2:238–239
lithofacies, B2:299
organic matter, B2:131
sediments, B2:219–229
- bioturbation index
lithofacies, B2:299
vs. age, B2:300–301
vs. depth, B2:302
- bitumen, sediments, B2:223–228
- Blue Bottle Trend, tectonics, B2:62
- Bølling/Allerød interval, paleoclimatology, B2:314, 320–323
- bulk mass accumulation rates
sediments, B2:130
vs. age, B2:101, 113
- burrows, sediments, B2:301
- calcium, interstitial waters, B2:331
- California Bight, sedimentation, B2:128
- California Borderland Province
basins, A2:16
sedimentation, B2:214
- California Current
basins, B2:309–311, 321–323
evolution, A2:18
seasonal variations, A2:19
sedimentation, B2:81–82, 103–104, 118–119, 121, 133, 238, 281–284, 289
- carbon. *See* hydrogen/carbon ratio; nitrogen/carbon ratio
- carbon, organic
high-resolution record, B2:125–138
laminated sediments, B2:219–229
marine and terrigenous sources, B2:128
methane, B2:213–218
stratigraphy, B2:103–124
vs. age, B2:107, 110, 113, 119, 123, 222–224
vs. corrected depth, B2:110
vs. pyrite sulfur, B2:223
vs. time, B2:120
vs. total sulfur, B2:221
See also sulfur, pyrite/organic carbon ratio
- carbon, organic, after decomposition, vs. age, B2:110
- carbon, organic/inorganic carbon ratio, vs. age, B2:117
- carbon, total, organic
depth, B2:130
sediments, B2:35, 140–143
vs. age, B2:133–134, 164, 167
vs. depth, B2:37, 39, 142
- carbon, total, organic/total nitrogen ratio, depth, B2:130
- carbon isotopes
foraminifers, B2:3–18
methane, B2:213–218
vs. age, B2:14, 216
vs. nitrogen/carbon ratio, B2:215
- carbon-14 ages
chronology, B2:19–27
vs. thorium-230 ages, B2:24
- carbonate content
sediments, B2:35, 149–151
stratigraphy, B2:103–124
vs. age, B2:109, 164
vs. corrected depth, B2:109
vs. depth, A2:45; B2:37, 39, 148
vs. dry-bulk density, B2:153
vs. magnetic susceptibility, B2:153
vs. porosity, B2:153
vs. water content, B2:153
carbonate content vs. organic carbon, cross-correlation coefficients, B2:112
- carbonate mass accumulation rates, vs. age, B2:113
- carbonate mass accumulation rates vs. organic carbon mass accumulation rate, cross-correlation coefficients, B2:114
- carbon number, sediments, B2:208–209
- carbon preference index, sediments, B2:205
- celestite, sediments, B2:225
- Channel Islands Province, sedimentation, B2:69
- Chenopodiaceae, accumulation rates, B2:267–268
- chlorine, interstitial waters, B2:331
- chlorite
sediments, B2:92–94
See also kaolinite/chlorite ratio
- chromaticity
correlation, B2:175
vs. age, B2:190–191
See also Commission Internationale de l'Eclairage chromaticity
- chronostratigraphic datums, Quaternary, B2:107
- clay, diatom, silty, lithologic units, A2:22, 24
- clay, silty, cycles, B2:107–108
- clay minerals
sediments, B2:89–101
vs. age, B2:97
vs. depth, B2:93
- climate controls, sedimentation, B2:69–70
- climate cycles
color density logs, B2:31–44
Quaternary, B2:45–59
- color density logs
climate cycles, B2:31–44
mathematical correction, B2:34
power spectra, B2:42–43
sediments, B2:45–59
vs. age, B2:40
vs. carbonate content, B2:37–38
vs. depth, B2:36–37, 39
vs. thickness, B2:40
vs. total organic carbon, B2:38
- color imaging
interhole correlation, B2:169–192
vs. depth, B2:172–173, 180–181, 183–184, 186–189
See also digital imaging
- Commission Internationale de l'Eclairage
chromaticity
color space, B2:46–47, 53–56, 58
See also chromaticity
- compaction, sediments, B2:334
- compressibility, sediments, B2:194
- compressional wave velocity, core handling, B2:193–197
- continental runoff, Quaternary, B2:160–161
- core–core correlation, color density, B2:42, 52–53
- core loggers, compressional wave velocity, B2:196
- correlation, interhole, B2:169–192
- correlation coefficients, vs. depth, B2:36
- cracks, gas expansion, B2:194
- cyclic sedimentation, lithologic units, A2:31–32
- cyclonic currents, sedimentation, B2:121
- Davidson Countercurrent, sedimentation, B2:283, 289
- demagnetization, Zijderveld plots, A2:39
- density, bulk, vs. depth, B2:148
- density, dry
vs. age, B2:164, 166
vs. depth, B2:148
- density, dry-bulk
vs. age, B2:111
vs. depth, A2:45
- density, grain, vs. depth, A2:45
- density, GRAPE, vs. depth, A2:38; B2:154–158
- detrital modes, sand, B2:63–66
- dewatering, sediments, B2:334
- diagenesis
lithologic units, A2:31
sediments, B2:145–168, 179, 210
sulfur isotopes, B2:227–228
- diatom mass accumulation rates, vs. age, B2:235–240

diatom ooze

diatom ooze, laminae, B2:78–81
 diatom taxa, vs. age, B2:235–238
 diatoms, Quaternary, B2:233–249
 digital color parameters
 vs. luminance, B2:176
 See also color imaging
 digital imaging
 color density logs, B2:33–34, 45–59
 See also color imaging
 digital imaging system, computer systems,
 B2:47–48
 dinoflagellates, sediments, B2:210
 dinosterol, sediments, B2:210
 dissolution, diagenesis, B2:179
 dysaerobic environment
 sedimentation, B2:302–303
 See also aerobic environment; anaerobic
 environment

earthquakes, sedimentation, B2:159–160
 eccentricity cycle, Pleistocene, B2:259–263
 echinoderms, sediments, B2:301
 Eemian, glaciation, B2:159
 El Niño Southern Oscillation
 climate cycles, B2:42–43
 sedimentation, B2:283
 ethyl ketones, unsaturation index, B2:261
 eustatism
 Quaternary, B2:302–303
 See also sea-level changes
 event beds, laminae, B2:78

fabrics, lithofacies, B2:296
 fatty acids. *See* lipids; *n*-fatty acids
 feldspar. *See* quartz/feldspar ratio
 Flandrian Transgression, sea-level changes,
 B2:179–180
 flood deposits
 organic matter, B2:131
 sediments, B2:89–90
 foraminifers, benthic
 biostratigraphy, A2:46, 49; B2:3–18
 isotopes, B2:19–27
 vs. depth, B2:302
 foraminifers, planktonic
 biostratigraphy, A2:45–46
 census data, B2:286–287
 isotopes, B2:19–27
 paleoclimatology, B2:281–293
 vs. age, B2:285, 288–291, 311, 316, 318, 321
 foraminifers
 alkenones, B2:262–263
 laminites, B2:81
 planktonic–benthic radiocarbon age
 differences, B2:24–25
 vs. depth, B2:315, 319–320
 framboids, lithologic units, A2:31

gas expansion, effects on compressional wave
 velocity, B2:193–197
 gas hydrates, organic matter, B2:217
 gas voids, sediments, B2:154–155
 geochemistry, pore fluids, B2:331
 geochronology, Quaternary, B2:3–18
 glacial/interglacial cycles
 foraminifers, B2:281–284, 289–292
 laminites, B2:81–82
 oxygen isotopes, B2:9–15
 paleoclimatology, B2:314–320
 pollen, B2:275
 Quaternary, B2:238–241, 253, 257–264
 sedimentation, A2:34–35, 39
 glacial maximum
 age calibration, B2:23–26

SUBJECT INDEX

climate cycles, B2:32
 paleoclimatology, B2:320
 Pleistocene, B2:259–263
 Quaternary, B2:158–159
 sea-level changes, B2:179–180
 sedimentation, B2:133
 sediments, B2:89–90
 Glacial Stage II, laminations, B2:42
 glacial stages, cycles, B2:131–135
 glaciation, lithologic units, A2:32
 grain size
 lithofacies, B2:298
 sediments, B2:90–91
 vs. depth, B2:93, 302
 gray layers
 cycles, B2:108
 lithofacies, B2:348–349
 lithology, B2:147
 mud, B2:296–299
 organic matter, B2:131
 vs. age, B2:167, 192
 vs. depth, B2:302
 gray-layer thickness, vs. depth, B2:154, 157,
 159–161, 177–179
 Greenland Ice Sheet, paleoclimatology, B2:161,
 320
 Guaymas Basin
 oxygenation, B2:320, 322
 sedimentation, B2:118–119
 gypsum, sediments, B2:225

hemipelagic layers
 cycles, B2:106–108
 lithofacies, B2:349
 lithologic units, A2:24, 26–27, 30–32
 mud, B2:296–299
 Holocene
 climate cycles, B2:31–44
 glaciation, B2:159
 paleoclimatology, B2:321–323
 sediments, B2:77–87
 hopanes, sediments, B2:205–206
 Hueneme Canyon, sedimentation, B2:62
 hydrocarbons, depth, B2:130
 hydrocarbons, aliphatic, sediments, B2:205
 hydrocarbons, migrated, sediments, B2:205–206
 hydrocarbons, polycyclic, sediments, B2:206
 hydrogen/carbon ratio
 methane, B2:213–218
 vs. age, B2:216
 vs. carbon isotopes, B2:215
 vs. nitrogen/carbon ratio, B2:216
 hydrogen index
 organic matter, B2:128
 vs. age, B2:133
 vs. depth, B2:130

ice mass, vs. age, B2:192
 illite, sediments, B2:92–94
 index properties
 lithology, B2:148, 151
 Site 893, A2:40–44, 46
 Inshore Countercurrent, sedimentation,
 B2:281–284
 inorganic carbon. *See* carbon, organic/inorganic
 carbon ratio
 insolation, vs. time, B2:120
 interstitial waters, geochemistry, B2:331

kaolinite, sediments, B2:92–94
 kaolinite/chlorite ratio, sediments, B2:92
 kerogen, sediments, B2:209–210, 213–218,
 223–228
 ketones, unsaturation index, B2:261

laminae groupings, laminites, B2:81
 laminations
 composition, B2:77–87
 cycles, B2:105, 114
 cycles vs. age, B2:123
 Glacial Stage II, B2:42
 lithofacies, B2:348–349
 lithologic units, A2:22, 24, 26–31; B2:147
 mud, B2:296–299
 paleoclimatology, B2:316–317
 sediments, B2:219–229
 See also varves
 last glacial maximum. *See* glacial maximum
 lipids, glacial/interglacial changes, B2:257–264
 lithium, interstitial waters, B2:331
 lithofacies
 Quaternary, B2:295–308, 347–351
 sediments, B2:114–115
 lithologic units
 Site 893, A2:22, 24; B2:126–127
 Unit I, A2:22, 24
 lithology
 photographs, B2:138
 sand, B2:64–65
 lithostratigraphy, Quaternary, A2:22, 24;
 B2:347–351; bp:CD-ROM
 luminance
 digital color parameters, B2:176
 vs. age, B2:192
 See also chromaticity; color imaging; digital
 imaging

Macoma oxygenation event
 bacteria, B2:141
 See also oxygenation
 magnesium, interstitial waters, B2:331
 magnetic susceptibility
 interhole correlation, B2:169–192
 sediments, A2:36–37; B2:145–168
 shipboard vs. shore-based records,
 B2:153–155
 vs. age, B2:164–168, 190–192
 vs. depth, A2:38; B2:148, 154–159, 172–173,
 180–181, 183–184, 186–189
 vs. dry-bulk density, B2:153
 vs. porosity, B2:153
 vs. total organic carbon, B2:153
 vs. water content, B2:153
 magnetic susceptibility, normalized, sediments,
 B2:149–151
 magnetic susceptibility events, depth tie-points,
 B2:174
 magnetite, dissolution, B2:179
 mass accumulation rates
 productivity, B2:112, 114–115
 vs. age, B2:166
 See also bulk mass accumulation rates;
 carbonate mass accumulation rates;
 diatom mass accumulation rates;
 organic carbon mass accumulation
 rates; pollen mass accumulation rates;
 quartz mass accumulation rates
 massive layers, lithofacies, B2:296–299
 methane
 interstitial waters, B2:331
 lithologic units, A2:31
 recycling, B2:213–218
 sediments, B2:142
 methyl ketones, unsaturation index, B2:261
 mica, sediments, B2:301
 microbial mats
 sediments, B2:142
 See also bacterial mats
 Milankovitch cycles

- climates, B2:131–132
sedimentation, B2:302–304
- Montalvo Trough, tectonics, B2:62
- Monterey Formation, geochemistry, B2:206
- mud, lithofacies, B2:348–349
- Munsell color system
instruments, B2:47
See also color imaging
- n*-alcohols, nonlaminated sediments, B2:206–207
- n*-alkanes, sediments, B2:131–132, 205
- n*-fatty acids, sediments, B2:209
- nannofossils, alkenones, B2:262
- nannofossils, calcareous, biostratigraphy, B2:329–330
- nitrogen. *See* carbon, total, organic/total nitrogen ratio
- nitrogen/carbon ratio
sediments, B2:213–218
vs. age, B2:216
vs. carbon isotopes, B2:215
vs. hydrogen/carbon ratio, B2:216
- North Atlantic Deep Water, paleoclimatology, B2:321–323
- Nyquist frequency, paleoproductivity, B2:115
- Oak Ridge Trend, tectonics, B2:62
- obliquity cycle, Pleistocene, B2:259–263
- ocean circulation
California Current, A2:18–19
sea-level changes, B2:121
surface circulation, B2:106
ventilation, paleoclimatology, B2:320–323
- oceanic conveyors, paleoclimatology, B2:323
- ooze laminae
photographs, B2:83–85
See also laminations
- orbital cycles, Pleistocene, B2:259–263
- organic carbon mass accumulation rates
sediments, B2:134–135
vs. age, B2:113
vs. measured new productivity, B2:108
- organic matter
laminated sediments, B2:219–229
provenance, B2:216–217
sediments, B2:142, 201–211
- ostracode species diversity, vs. age, B2:252–253
- ostracodes, autochthonous and allochthonous, Quaternary, B2:251–255
- oxygen content, seawater, B2:26
- Oxygen Isotope Stage 1
diatoms, B2:238–239
foraminifers, B2:285, 287
pollen, B2:272
- Oxygen Isotope Stage 1/Oxygen Isotope Stage 2 transition, diatoms, Site 893, B2:238–239
- Oxygen Isotope Stage 2
diatoms, B2:239–240
pollen, B2:272
- Oxygen Isotope Stage 3, diatoms, B2:239–240
- Oxygen Isotope Stage 4, diatoms, B2:240–241
- Oxygen Isotope Stage 5, pollen, B2:268
- Oxygen Isotope Stage 5a–d, diatoms, B2:240–241
- Oxygen Isotope Stage 5e
foraminifers, B2:285, 287, 290
pollen, B2:272, 275
- Oxygen Isotope Stage 6, pollen, B2:272
- oxygen isotope stages
correlation with standard units of deep-sea section, B2:12
vs. lithostratigraphy, B2:16–17
- oxygen isotopes
foraminifers, B2:3–18
vs. age, B2:11, 13, 164, 166–167, 192, 235, 237, 285, 289–291, 316–317
vs. depth, B2:9–10, 302, 315
- Oxygen Minimum Zone
lithologic units, A2:32
magnetite, B2:179
- oxygenation
basins, B2:309–312, 320–323
lithofacies, B2:299
- oxygenation, benthic, sulfur, B2:228
- Pacific Intermediate Water
age, B2:25–26
basins, B2:311, 322–323
sedimentation, B2:119
- paleoceanography
alkenones, B2:263
Flandrian Transgression, B2:180–181
oxygen isotopes, B2:9–15
Quaternary, B2:103–124, 145–168, 302–303, 309–325
- paleoclimatology
color density logs, B2:19–43
diatoms, B2:237–241
Flandrian Transgression, B2:180–181
foraminifers, B2:281–293
laminites, B2:81–82
oxygen isotopes, B2:9–15
Quaternary, A2:18–19; B2:45–59, 94, 115, 118–121, 131–134, 139–140, 145–168, 253, 257–264, 302–303, 309–325
- paleoecology, pollen, B2:265–279
- paleoenvironment, basins, B2:15
- paleomagnetism, A2:32, 34, 36–39
- paleoproductivity
alkenones, B2:262
color density logs, B2:42–43
continental margin, B2:115–117
laminites, B2:81–82
organic matter, B2:131–135
paleoclimatology, B2:320–323
Quaternary, B2:161
sediments, B2:210
vs. age, B2:116
paleoproductivity, measured, new, vs. organic carbon mass accumulation rate, B2:108
- paleotemperature
sediments, B2:209–210
See also temperature
- paleotemperature, sea-surface, Quaternary, B2:257–264
- palynomorphs, biostratigraphy, A2:48–49; B2:265–279
- petrography, sand, B2:72–73
- pH, interstitial waters, B2:331
- physical properties, sediments, A2:39–44; B2:145–168
- phytene isomers, sediments, B2:205
- plagioclase/potassium feldspar ratio, vs. age, B2:98
- plagioclase. *See also* potassium feldspar/plagioclase ratio
- Pleistocene, biostratigraphy, B2:329–330
- Pleistocene/Holocene transition, diatoms, B2:238
- Pleistocene, upper, climate cycles, B2:31–44
- pollen
biostratigraphy, A2:48–49; B2:265–279
precipitation, B2:160–161
sedimentation, A2:31
Varimax factor scores, B2:277–279
vs. age, B2:268–273
vs. depth, B2:267, 269, 272
- pollen mass accumulation rates, vs. age, B2:268–273
- polysulfides, sediments, B2:225
- polythionates, sediments, B2:225
- porosity
catalog, A2:47–48
vs. depth, A2:45; B2:148
- potassium, interstitial waters, B2:331
- potassium feldspar. *See* plagioclase/potassium feldspar ratio
- potassium feldspar/plagioclase ratio, vs. sand, B2:99
- power spectra
color density, B2:49, 52, 58
organic carbon, B2:118
- precessional cycle, Pleistocene, B2:259–263
- precessional frequency
sedimentation, B2:119, 121
vs. age, B2:119
- preservation
diatoms, B2:234, 236–237
sediments, B2:114–115
- provenance
organic carbon, B2:128, 130–131
organic matter, B2:216–217
sand, B2:61–75
sediments, B2:91–94
- prymnesiophyte algae, alkenones, B2:262
- pyrite
lithologic units, A2:31
sediments, B2:222–225
- quartz
sediments, B2:94
vs. age, B2:98, 101
vs. sand, B2:99
- quartz/feldspar ratio, vs. age, B2:98
- quartz mass accumulation rates, vs. age, B2:101
- Quaternary
climate cycles, B2:45–59
ostracodes, B2:251–255
paleoclimatology, A2:18–19
- Quaternary, upper
climate cycles, B2:31–44
diatoms, B2:233–249
geochronology, B2:19–27
interhole correlation, B2:169–192
lithofacies, B2:295–308
lithologic units, A2:22, 24
lithostratigraphy, B2:347–351
organic carbon, B2:125–138
paleoclimatology, B2:257–264, 281–293, 309–325
sediments, B2:77–87, 89–101
stratigraphy, B2:3–18, 103–124
- radiocarbon. *See* carbon-14 ages
- rainfall
pollen, B2:274
See also atmospheric precipitation
- remanent magnetization, intensity variations, A2:39
- reoxidation, sulfur, B2:228
- river discharge, sediments, B2:89–90
- salinity, interstitial waters, B2:331
- sand
lithologic units, A2:27, 30
photograph, B2:74–75
provenance, B2:61–75
vs. potassium feldspar/plagioclase ratio, B2:99
vs. quartz, B2:99
See also beach sand; stream sand
sand and shell beds, vs. depth, B2:158
sand bed thickness, vs. depth, B2:155, 159–161
sand layers

sand layers (cont.)

SUBJECT INDEX

- lithofacies, B2:348–349
 thickness and depth, B2:177–179
 vs. depth, B2:302
 San Pedro Basin, bacteria, B2:141
 Santa Barbara Basin
 alkenones, B2:257–264
 bacteria, B2:139–144
 biostratigraphy, B2:3–18, 329–330
 clay mineralogy, B2:89–101
 climate cycles, B2:31–44
 color density logs, B2:45–59
 diatoms, B2:233–249
 geochronology, B2:19–27
 interhole correlation, B2:169–192
 interstitial waters, B2:331
 laminations, B2:77–87
 lithofacies, B2:295–308
 lithostratigraphy, B2:347–351
 magnetic susceptibility, B2:145–168
 map, A2:17
 methane, B2:213–218
 organic carbon, B2:125–138
 organic matter, B2:201–211
 ostracodes, B2:251–255
 paleoclimatology, B2:281–293, 309–325
 pollen, B2:265–279
 sand, B2:61–75
 site description, A2:15–49
 stratigraphy, B2:103–124
 sulfur, B2:219–229
 varves, B2:333–346
 Santa Barbara Channel, sedimentation,
 B2:103–104
 Santa Clara River, sedimentation, B2:62, 66–67,
 103–104, 303–304
 Santa Rosa–Cortez Ridge, sedimentation, B2:121
 Santa Ynez Coastal Province, sedimentation,
 B2:67–69
 Santa Ynez River, sedimentation, B2:103–104,
 146–147
 sea-level changes
 Quaternary, B2:121, 158–159, 238–241, 292,
 302–303
 sediment transport, B2:179–180
 vs. age, B2:40
 See also eustatism
 Searles Lake, climate, B2:161
 seasonal variations, sedimentation, B2:283
 sediment transport
 laminae, B2:77–78
 pollen, B2:271–275
 Quaternary, B2:302–304
 sea-level changes, B2:179–180
 sedimentation
 controls, B2:69–70
 Quaternary, B2:302–304
 See also cyclic sedimentation
 sedimentation rates
 age calibration, B2:25–26
 organic carbon, B2:130
 sediments, B2:114–115
 vs. age, B2:111, 134
 vs. depth, B2:35
 See also mass accumulation rates
 sedimentation rates, linear, vs. age, B2:166
 sedimentology
 laminae, B2:77–78
 lithofacies, A2:24, 26–27, 30–32; B2:295–308
 sediments
 bacteria, B2:139–144
 color density logs, B2:31–44
 geochemistry, B2:201–211
 laminae, B2:77–87
 mineral composition, B2:89–101
 seismic profiles, A2:20, 22–25
 shear strength, sediments, B2:194
 silica, interstitial waters, B2:331
 silticlastics, sediments, B2:301
 sills
 basins, B2:322–323
 lithologic units, A2:32
 silt
 lithofacies, B2:349
 vs. depth, B2:302
 silt, clayey, lithologic units, A2:22, 24
 siltstone pebbles, vs. depth, B2:156
 Site 480, cyclic sedimentation, B2:118–119
 Site 893, A2:15–50
 alkenones, B2:257–264
 background and scientific objectives, A2:16,
 18–19
 bacteria, B2:139–144
 biostratigraphy, A2:44–46, 48–49; B2:3–18,
 329–330
 clay mineralogy, B2:89–101
 climate cycles, B2:31–44
 color density logs, B2:45–59
 compressional wave velocity, B2:193–197
 coring summary, A2:16
 depths of tops of sections, A2:49; B2:52
 diatoms, B2:233–249
 geochronology, B2:19–27
 geologic and oceanographic setting, A2:19–20
 interhole correlation, B2:169–192
 interstitial waters, B2:331
 laminations, B2:77–87
 lithofacies, B2:295–308
 lithostratigraphy, A2:22, 24; B2:347–351;
 bp:CD-ROM
 magnetic susceptibility, B2:145–168
 methane, B2:213–218
 operations, A2:20–22
 organic carbon, B2:125–138
 organic matter, B2:201–211
 ostracodes, B2:251–255
 paleoclimatology, B2:281–293, 309–325
 paleomagnetism, A2:32, 34, 36–39
 physical properties, A2:39–44
 pollen, B2:265–279
 sand, B2:61–75
 sedimentology, A2:24, 26–27, 30–32
 site description, A2:15–50
 stratigraphy, B2:103–124
 sulfur, B2:219–229
 varves, B2:333–346
 slope stability, sedimentation, B2:159–160
 smectite, sediments, B2:92–94
 sodium, interstitial waters, B2:331
 Southern California Continental Borderland,
 lithostratigraphy, B2:347–351
 Southern California Counter Current,
 sedimentation, B2:103–104, 118–119,
 121
 South Pacific Low Pressure Zone, climate cycles,
 B2:42
 spicules, sediments, B2:301
 stable isotopes
 foraminifers, B2:3–18
 See also carbon isotopes; oxygen isotopes;
 sulfur isotopes
 stanols, sediments, B2:209
 steradienes, sediments, B2:205
 sterenes, sediments, B2:205
 steroids, sediments, B2:205, 207–209
 sterols, sediments, B2:209
 stratigraphy, Quaternary, B2:3–18
 stratigraphy, centennial-scale, Quaternary,
 B2:103–124
 stream sand, provenance, B2:63, 66–69
 stress, vs. depth, B2:148
 stress, effective, sediments, B2:149–151
 strontium, interstitial waters, B2:331
 Subarctic Water, isotherms, B2:290
 sulfate
 interstitial waters, B2:331
 sediments, B2:225
 sulfur
 laminated sediments, B2:219–229
 sediments, B2:210
 sulfur, acid-volatile, vs. age, B2:225
 sulfur, elemental
 sediments, B2:222–225
 vs. pyrite sulfur, B2:224
 sulfur, organic
 sediments, B2:222–225
 vs. age, B2:224
 sulfur, pyrite
 vs. age, B2:223
 vs. elemental sulfur, B2:224
 vs. organic carbon, B2:223
 sulfur, pyrite/organic carbon ratio, vs. age, B2:224
 sulfur, sulfate, vs. age, B2:225
 sulfur, total
 organic carbon, B2:221
 vs. age, B2:222
 sulfur isotopes
 laminated sediments, B2:219–229
 sulfate sulfur vs. elemental sulfate, B2:226
 vs. age, B2:226
 suspensates, lithofacies, B2:296–299, 349
 tectonic controls, sedimentation, B2:69–70,
 159–160
 temperature
 depth, B2:130
 See also paleotemperature
 temperature, sea-surface, changes, B2:290, 323
 Termination IA
 foraminifers, B2:288, 291
 oxygen isotopes, B2:9, 11–12
 paleoclimatology, B2:314
 Termination IB
 foraminifers, B2:292
 oxygen isotopes, B2:9, 11–12
 Termination II, lithofacies, B2:299
 terpanes, sediments, B2:205–206
 terpenoids, sediments, B2:206
 terrigenous materials
 laminae, B2:78
 provenance, B2:91–94
 thermohaline circulation, paleoclimatology,
 B2:322–323
 thiosulfate, sediments, B2:225
 transport controls
 sedimentation, B2:69–70
 See also sediment transport
 Transverse Ranges Province, tectonics, A2:19
 traveltime, compressional waves, B2:194–195
 turbidites
 cycles, B2:107–108
 lithofacies, B2:296–299, 349
 sedimentation, A2:32–33
 unsaturation indices, alkenones, B2:257–264
 upwelling, currents, A2:19
 upwelling, coastal, sedimentation, B2:283, 290,
 292
 varves
 composition, B2:77–87
 pollen, B2:271–275
 X-radiograph contact prints, B2:336–340

TAXONOMIC INDEX

Isoetes

X-radiography, B2:333–346
 See also laminations
 vegetation, pollen, B2:270–275
 velocity, calculation, B2:196
 ventilation, basins, B2:320–323
 Ventura River, sedimentation, B2:62, 66–67, 94,
 103–104, 303–304
 water content, vs. depth, A2:45

wave propagation, gas expansion, B2:195

X-radiography, varves, B2:333–346
 X-ray-diffraction data
 sand and silt, B2:100
 silt, B2:92

Younger Dryas
 age calibration, B2:23–26

alkenones, B2:263
 cooling event, B2:238–239
 cycles, B2:118–119, 159
 foraminifers, B2:292
 laminites, B2:81–82
 paleoclimatology, B2:314–318, 320–323

Zijderveld plots, remanent magnetization, A2:39
 zonation, pollen, B2:269

TAXONOMIC INDEX

Abies, Site 893, B2:267–268
abies, *Sphenolithus*, Site 893, B2:329
Acacia, Site 893, B2:272
Achnanthes, Site 893, B2:242
Actinocyclus curvatulus, Site 893, B2:241
Actinocyclus ingens, Site 893, B2:242
Actinocyclus octonarius, Site 893, B2:241
Actinoptychus, Site 893, B2:79
Actinoptychus senarius, Site 893, B2:241, 246
Actinoptychus vulgaris, Site 893, B2:241, 246
adelspergi, *Krithe*, Site 893, B2:254
Adenostoma, Site 893, B2:266
africana, *Azpeitia*, Site 893, B2:241
agrifolia, *Quercus*, Site 893, B2:266, 273–274
alata, *Proboscia*, Site 893, B2:247
Alnus, Site 893, B2:268, 270
Alnus rhombifolia, Site 893, B2:271
Ambostracon sp. A, Site 893, B2:254
Ambostracon sp. B, Site 893, B2:254
Ambostracon tweedsmuirensis, Site 893, B2:251,
 254
Amphora, Site 893, B2:242
arachne, *Asteromphalus*, Site 893, B2:241
Arachnoidiscus ehrenbergii, Site 893, B2:241
argentea, *Bolivina*, Site 893, B2:8, 10, 12–14
Artemisia, Site 893, B2:266–271
Asterolampra marylandica, Site 893, B2:241
Asteromphalus arachne, Site 893, B2:241
Asteromphalus heptactis, Site 893, B2:241
Auloseira, Site 893, B2:242
Azpeitia africana, Site 893, B2:241
Azpeitia neocrenulata, Site 893, B2:238, 241
Azpeitia nodulifera, Site 893, B2:241
Azpeitia tabularis, Site 893, B2:241, 246
bacillaris, *Thalassionema*, Site 893, B2:242
barboi, *Rhizosolenia*, Site 893, B2:249
Biddulphia, Site 893, B2:242
Bolivina, Site 893, A2:46; B2:21
Bolivina argentea, Site 893, B2:8, 10, 12–14
Bolivina seminuda, Site 893, B2:81
Bolivina spissa, Site 893, B2:8, 10, 12–14
Bolivina tumida, Site 893, B2:8, 10, 12–14
Bulminella tenuata, Site 893, B2:8, 10, 12, 14
bulloides, *Globigerina*, Site 893, A2:46; B2:21,
 283–285, 291, 313–318
californianus, *Mytilus*, Site 893, B2:21
californica, *Juniperus*, Site 893, B2:266–267
californica, *Torreya*, Site 893, B2:267
Cassidulina, Site 893, B2:21
Ceanothus, Site 893, B2:266
centralis, *Coscinodiscus*, Site 893, B2:234
Chaetoceros cinctus, Site 893, B2:249
Chaetoceros debilis, Site 893, B2:249
Chaetoceros diadema, Site 893, B2:79, 249

Chaetoceros didymus, Site 893, B2:249
Chaetoceros radicans, Site 893, B2:79–80, 83,
 249
Chaetoceros spp., Site 893, B2:79–81, 83–84,
 234, 236, 239, 241, 249
Chaetoceros vanheurckii, Site 893, B2:79, 83, 249
chejudoensis, *Swainocythere*, Site 893, B2:254
cinctus, *Chaetoceros*, Site 893, B2:249
Cluthia foresteri, Site 893, B2:252
Coccolithus pelagicus, Site 893, B2:329
Cocconeis, Site 893, B2:79
contorta, *Pinus*, Site 893, B2:266
Coscinodiscus centralis, Site 893, B2:234
Coscinodiscus granii, Site 893, B2:234
Coscinodiscus marginatus, Site 893, B2:241
Coscinodiscus oculus-iridis, Site 893, B2:241
Coscinodiscus radiatus, Site 893, B2:238, 246
Coscinodiscus spp., Site 893, B2:81, 84
Coscinodiscus wailiesii, Site 893, B2:234
costatum, *Skeletonema*, Site 893, B2:79, 234, 237,
 239, 247
coulteri, *Pinus*, Site 893, B2:266
cuneiformis, *Hemidiscus*, Site 893, B2:238, 242
Cupressus, Site 893, B2:270
Cupressus macrocarpa, Site 893, B2:267
Cupressus sargentii, Site 893, B2:267, 269
curvatulus, *Actinocyclus*, Site 893, B2:241
Cyclotella litoralis, Site 893, B2:237, 241, 246
Cytheromorpha krausei, Site 893, B2:251–252,
 254
Cytheropteron sp., Site 893, B2:251, 254
Cytheropteron sp. B, Site 893, B2:254
Cytheropteron sp. C, Site 893, B2:254

danicus, *Leptocylindrus*, Site 893, B2:234
debilis, *Chaetoceros*, Site 893, B2:249
decurrens, *Libocedrus*, Site 893, B2:266–267
Delphineis karstenii, Site 893, B2:241
Delphineis margaritalimbata, Site 893, B2:241
Delphineis surirella, Site 893, B2:241, 246
Delphineis surirella var. *australis*, Site 893,
 B2:246
Denticulopsis dimorpha, Site 893, B2:242
Detonula pumila, Site 893, B2:234
diadema, *Chaetoceros*, Site 893, B2:79, 249
didymus, *Chaetoceros*, Site 893, B2:249
dimorpha, *Denticulopsis*, Site 893, B2:242
dimorpha, *Stephanopyxis*, Site 893, B2:236–237,
 239–240, 242, 247
dolgoiensis, *Loxoconchidea*, Site 893,
 B2:251–252, 254
doliola, *Fragilariopsis*, Site 893, B2:240, 242
doliola, *Fragilariopsis (Pseudoemotia)*, Site 893,
 B2:238
doliolus, *Fragilariopsis*, Site 893, B2:246
dumosa, *Quercus*, Site 893, B2:266

duertrei, *Neogloboquadrina*, Site 893, A2:46;
 B2:21, 283, 285, 287, 289–290, 315
eccentrica, *Thalassiosira*, Site 893, B2:238, 247
ehrenbergii, *Arachnoidiscus*, Site 893, B2:241
Emiliania huxleyi, Site 893, B2:234, 257, 262, 329
engelmannii, *Quercus*, Site 893, B2:273
Ephedra, Site 893, B2:267, 270–271
Epistominella, Site 893, B2:21
Eriogonum, Site 893, B2:266–267
Erodium, Site 893, B2:272
Eucalyptus, Site 893, B2:272
Eumotia, Site 893, B2:242
Florisphaera profunda, Site 893, B2:329
foresteri, *Cluthia*, Site 893, B2:252
Fragilariopsis doliola, Site 893, B2:240, 242
Fragilariopsis doliolus, Site 893, B2:246
Fragilariopsis (Pseudoemotia) doliola, Site 893,
 B2:238
Fraxinus, Site 893, B2:267
Gephyrocapsa, Site 893, B2:329
Globigerina bulloides, Site 893, A2:46; B2:21,
 283–285, 291, 313–318
Globigerina quinqueloba, Site 893, A2:46; B2:21,
 283–285, 287, 289
Globigerina umbilicata, Site 893, B2:285
Globigerinita glutinata, Site 893, B2:285, 287
Globigerinita uvula, Site 893, B2:21, 283
Globigerinoides ruber, Site 893, A2:46; B2:21,
 284–285, 290–291, 315
Globobulimina, Site 893, A2:46; B2:21
Globorotalia inflata, Site 893, B2:21, 287, 290,
 315
Globorotalia oceanica, Site 893, B2:262
Globorotalia scinula, Site 893, B2:285, 287
Globorotalia truncatulinoides, Site 893, B2:21,
 284
glutinata, *Globigerinita*, Site 893, B2:285, 287
granii, *Coscinodiscus*, Site 893, B2:234
Gyroidina, Site 893, A2:46
Hemidiscus cuneiformis, Site 893, B2:238, 242
henryi, *Semicytherura*, Site 893, B2:254
heptactis, *Asteromphalus*, Site 893, B2:241
Hermanites? sp., Site 893, B2:254
heterophylla, *Tsuga*, Site 893, B2:268, 273–274
huxleyi, *Emiliania*, Site 893, B2:234, 257, 262,
 329
inflata, *Globorotalia*, Site 893, B2:21, 287, 290,
 315
ingens, *Actinocyclus*, Site 893, B2:242
interruptestriata, *Nitzschia*, Site 893, B2:242, 247
Isoetes, Site 893, B2:267

- janae*, *Pectocythere*, Site 893, B2:254
jeffreyi, *Pinus*, Site 893, B2:266
Juglans, Site 893, B2:267
Juniperus, Site 893, B2:269–273
Juniperus californica, Site 893, B2:266–267
Juniperus occidentalis, Site 893, B2:266–267
- Kangarina* sp. A, Site 893, B2:254
karstenii, *Delphineis*, Site 893, B2:241
kelloggii, *Quercus*, Site 893, B2:266
koizumii, *Neodenticula*, Site 893, B2:249
krausei, *Cytheromorpha*, Site 893, B2:251–252, 254
Krithe adalpergi, Site 893, B2:254
- Leptocyclus danicus*, Site 893, B2:234
Libocedrus, Site 893, B2:270, 274
Libocedrus decurrens, Site 893, B2:266–267
litoralis, *Cyclotella*, Site 893, B2:237, 241, 246
longissima, *Thalassiothrix*, Site 893, B2:248
Loxoconcha russellensis, Site 893, B2:254
Loxoconchidea dolgoiensis, Site 893, B2:251–252, 254
Loxocythere? sp., Site 893, B2:254
- Macoma*, Site 893, B2:334
macrocarpa, *Cupressus*, Site 893, B2:267
margaritalimbata, *Delphineis*, Site 893, B2:241
margaritalimbata, *Rhaphoneis*, Site 893, B2:246
marginatus, *Coscinodiscus*, Site 893, B2:241
marylandica, *Asterolampra*, Site 893, B2:241
mertensiana, *Tsuga*, Site 893, B2:268
Muellerina sp., Site 893, B2:254
Myrica, Site 893, B2:267
Mytilus californianus, Site 893, B2:21
- Navicula* sp., Site 893, B2:249
neocrenulata, *Azpeitia*, Site 893, B2:238, 241
Neodenticula koizumii, Site 893, B2:249
Neodenticula seminae, Site 893, B2:238
Neogloboquadrina dutertrei, Site 893, A2:46; B2:21, 283, 285, 287, 289–290, 315
Neogloboquadrina pachyderma, Site 893, A2:46; B2:21, 262, 283–285, 287–291, 313–318
 new taxa, Site 893, B2:241, 245
nidulus, *Thalassiosira*, Site 893, B2:238, 242
Nitzschia interruptistriata, Site 893, B2:242, 247
nitzschioides, *Thalassionema*, Site 893, B2:83–84, 234, 236, 238, 240, 242, 248
nitzschioides, *Thalassionema* (“*Thalassionema* cf. *hirosakiensis*”), Site 893, B2:248
nitzschioides var. *parva*, *Thalassionema*, Site 893, B2:242, 248
nodulifera, *Azpeitia*, Site 893, B2:241
Nonionella, Site 893, B2:21
Nonionellina, Site 893, B2:21
- occidentalis*, *Juniperus*, Site 893, B2:266–267
oceanica, *Globorotalia*, Site 893, B2:262
octonarius, *Actinocyclus*, Site 893, B2:241
oculus-iridis, *Coscinodiscus*, Site 893, B2:241
oestrupii, *Thalassiosira*, Site 893, B2:79, 83–84, 247
Orbulina universa, Site 893, A2:46; B2:21, 284–285, 287, 290, 315
Oridorsalis, Site 893, A2:46
- pachyderma*, *Neogloboquadrina*, Site 893, A2:46; B2:21, 262, 283–285, 287–291, 313–318
- pacifica*, *Thalassiosira*, Site 893, B2:42
Palmoconcha sp. B, Site 893, B2:254
Paracytheridea sp. A, Site 893, B2:254
Paralia sol comb. nov., Site 893, B2:241
Pectocythere janae, Site 893, B2:254
pelagicus, *Coccolithus*, Site 893, B2:329
peregrina, *Uvigerina*, Site 893, B2:8
peregrina curticosta, *Uvigerina*, Site 893, B2:10, 12, 14
Picea, Site 893, B2:268, 270–271, 273–274
Pinus contorta, Site 893, B2:266
Pinus coulteri, Site 893, B2:266
Pinus jeffreyi, Site 893, B2:266
Pinus ponderosa, Site 893, B2:266
Pinus sabiniana, Site 893, B2:266
Pinus sitchensis, Site 893, B2:273
Platanus, Site 893, B2:267
ponderosa, *Pinus*, Site 893, B2:266
Pontocythere sp. A, Site 893, B2:254
Pontocythere sp. cf. *Pontocythere jefferiesensis*, Site 893, B2:254
Proboscia alata, Site 893, B2:247
profunda, *Florisphaera*, Site 893, B2:329
Propontocypris? sp., Site 893, B2:254
Propontocypris sp. A, Site 893, B2:254
psammicola, *Rhaphoneis*, Site 893, B2:249
Pseudonitzschia spp., Site 893, B2:234
Pseudotsuga, Site 893, B2:267–268
pseudoumbilicus, *Reticulofenestra*, Site 893, B2:329
Pullenia, Site 893, A2:46
pumila, *Detonula*, Site 893, B2:234
Puriana? sp., Site 893, B2:254
Pyrgo, Site 893, A2:46
- Quercus*, Site 893, B2:267–268, 270–272
Quercus agrifolia, Site 893, B2:266, 273–274
Quercus dumosa, Site 893, B2:266
Quercus engelmannii, Site 893, B2:273
Quercus kelloggii, Site 893, B2:266
quinqueloba, *Globigerina*, Site 893, A2:46; B2:21, 283–285, 287, 289
- radiatus*, *Coscinodiscus*, Site 893, B2:238, 246
radicans, *Chaetoceros*, Site 893, B2:79–80, 83, 249
Reticulofenestra pseudoumbilicus, Site 893, B2:329
Rhaphoneis margaritalimbata, Site 893, B2:246
Rhaphoneis psammicola, Site 893, B2:249
Rhizosolenia barboi, Site 893, B2:249
rhombofolia, *Alnus*, Site 893, B2:271
Rhus, Site 893, B2:266
ruber, *Globigerinoides*, Site 893, A2:46; B2:21, 284–285, 290–291, 315
russellensis, *Loxoconcha*, Site 893, B2:254
- sabiniana*, *Pinus*, Site 893, B2:266
Sahnicythere sp. A, Site 893, B2:254
Salix, Site 893, B2:267
Salvia, Site 893, B2:266
Sarcobatus, Site 893, B2:266–267
sargentii, *Cupressus*, Site 893, B2:267, 269
scitula, *Globorotalia*, Site 893, B2:285, 287
Selaginella, Site 893, B2:267
Semicytherura henryi, Site 893, B2:254
Semicytherura sp. A, Site 893, B2:254
Semicytherura sp. B, Site 893, B2:254
Semicytherura sp. D, Site 893, B2:254
- seminae*, *Neodenticula*, Site 893, B2:238
seminuda, *Bolivina*, Site 893, B2:81
sempervirens, *Sequoia*, Site 893, B2:268, 273
senarius, *Actinoptychus*, Site 893, B2:241, 246
Sequoia, Site 893, A2:46; B2:268
Sequoia sempervirens, Site 893, B2:268, 273
sitchensis, *Pinus*, Site 893, B2:273
simonsenii var. *minor* var. nov., *Thalassiosira*, Site 893, B2:241, 245
Skeletonema costatum, Site 893, B2:79, 234, 237, 239, 247
sol, *Paralia*, comb. nov., Site 893, B2:241
Sphagnum, Site 893, B2:267
Sphenolithus abies, Site 893, B2:329
spissa, *Bolivina*, Site 893, B2:8, 10, 12–14
Stephanopyxis, Site 893, B2:79
Stephanopyxis dimorpha, Site 893, B2:236–237, 239–240, 242, 247
surirella, *Delphineis*, Site 893, B2:241, 246
surirella var. *australis*, *Delphineis*, Site 893, B2:246
Swainocythere chejudoensis, Site 893, B2:254
- tabularis*, *Azpeitia*, Site 893, B2:241, 246
tenuata, *Buliminella*, Site 893, B2:8, 10, 12, 14
Thalassionema, Site 893, B2:80
Thalassionema bacillarum, Site 893, B2:242
Thalassionema nitzschioides, Site 893, B2:83–84, 234, 236, 238, 240, 242, 248
Thalassionema nitzschioides (“*Thalassionema* cf. *hirosakiensis*”), Site 893, B2:248
Thalassionema nitzschioides var. *parva*, Site 893, B2:242, 248
Thalassiosira eccentrica, Site 893, B2:238, 247
Thalassiosira nidulus, Site 893, B2:238, 242
Thalassiosira oestrupii, Site 893, B2:79, 83–84, 247
Thalassiosira pacifica, Site 893, B2:42
Thalassiosira simonsenii var. *minor* var. nov., Site 893, B2:241, 245
Thalassiothrix longissima, Site 893, B2:248
Torreya californica, Site 893, B2:267
truncatulinoides, *Globorotalia*, Site 893, B2:21, 284
Tsuga, Site 893, B2:271
Tsuga heterophylla, Site 893, B2:268, 273–274
Tsuga mertensiana, Site 893, B2:268
tumida, *Bolivina*, Site 893, B2:8, 10, 12–14
tweedsmuiresensis, *Ambostracon*, Site 893, B2:251, 254
- umbilicata*, *Globigerina*, Site 893, B2:285
Umbilicosphaera, Site 893, B2:329
universa, *Orbulina*, Site 893, A2:46; B2:21, 284–285, 287, 290, 315
Uvigerina, Site 893, B2:13, 21
Uvigerina peregrina, Site 893, B2:8
Uvigerina peregrina curticosta, Site 893, B2:10, 12, 14
uvula, *Globigerinita*, Site 893, B2:21, 283
- vanheurckii*, *Chaetoceros*, Site 893, B2:79, 83, 249
vulgaris, *Actinoptychus*, Site 893, B2:241, 246
- walesii*, *Coscinodiscus*, Site 893, B2:234
- Xestoleberis* sp., Site 893, B2:254
Xestoleberis sp. B, Site 893, B2:A2:254