SUBJECT INDEX VOLUME 47, 2005

¹⁴C, 207–210, 211–220, 231–234, 441–451
¹⁴C bomb peak, 115–134
¹⁴C dating, 11–20, 21–25, 89–98, 115–134, 221–230, 295–354
¹⁴C intercomparison, 39–56, 359–366
¹⁴C production, 31–38
¹⁴CO₂, 57–65
ΔR, 433–440

Age-depth model, 115–134 Alaska (North), 359–366 Alkenones, 401–412, 413–424, 425–432 AMS, 207–210, 211–220, 221–230, 235–242, 377–382, 453–464 Archaeobotany, 377–382 Archaeology, 181–192, 265–294, 383–394, 395–400

Bayesian statistics, 147–158 Betelnut, 377–382 Blank corrections, 75–88 Bodega Bay, 265–294 Bomb ¹⁴C models, 99–114 Bomb pulse, 27–30 Bone, 193–206, 367–375 Brazilian coast, 67–74

Calibration, 21-25, 115-134, 221-230 California, 265-294 Canarium, 377-382 Carbon blanks, 413-424 Carbon cycle, 31-38, 441-451 Carbon dioxide (CO₂), 257-263 Catacombs, 395-400 Carbon turnover, 99-114 Cariaco Basin, 57-65 Channel Islands, 11-20 Charcoal, 193-206 Chronology, 147-158, 265-294, 395-400 CO2 vent, 257-263 Coastal migration, 383-394 Collagen, 193-206 Compound-specific, 413-424 Corals, 57-65 Cosmic rays, 31-38

Dicarb, 359–366 Diet, 181–192, 367–375

Earthworks, 295-354

Gas analysis, 177–178 Gas tubes, 177–178 Graphitization, 453–464

High-precision, 89-98

High vacuum line, 453-464 Human bone, 181–192 Human impact, 159-176 Hunter-gatherers, 265-294 Ice wedges, 243-256 Industrial pollution, 135-146 Iron Age, 39-56 Isolation, 401-412 Italy, 27-30 Kurgans, 235-242 Lapita, 181-192 Lignite contamination, 1-10 Liquid scintillation, 89-98, 231-234 Marine reservoir, 67–74, 433–440 Marine sediments, 401-412, 413-424, 425-432 Micronesia, 295-354 Midden, 433-440 Neolithic chronology, 207-210 New Zealand, 367-375 Oceanic carbon, 75-88 Oregon, 383-394 Organic fractions, 75-88 OxCal, 147-158, 221-230 Palau, 1-10, 295-354 Paleosol, 159-176 Papua New Guinea, 377-382 Paraná, 67-74 Particulate organic matter (POM), 75-88 Peat dating, 135-146 Peat profiles, 115-134 Pollen, 243-256 Pottery dating, 1-10 Radon, 231-234 Raman and infrared spectrosophy, 193-206 Reconnaissance, 11-20 Reservoir effect, 67-74, 433-440 Rome, 395-400 Sample preparation, 211-220 San Miguel, 11-20 Santa Catarina, 67-74 Shag River Mouth site, 367-375

Shag River Mouth site, 367–375 Spheroidal carbonaceous particles (SCPs), 135–146 Siberia, 243–256 Single-tube, 89–98 Small graphite targets, 453–464 SOC fractions, 99–114

497

498 Subject Index

Soil dating, 159–176 Soil organic carbon, 99–114 Soil respiration, 441–451 Solvent extraction, 425–432 Stable isotopes, 441–451 Standard dilution method, 75–88 Suess effect, 57–65

Teeth, 235–242 Teotihuacán, 159–176 Transition dating, 39–56 Tree rings, 27–30, 257–263 Tube cracker, 177–178 Uzbekistan, 235–242

Volcanic gas, 211-220

Waton, 181–192 Wiggle matching, 135–146

Xia dynasty, 21–25 Xinzhai site, 21–25

Yalâ (Yemen), 147-158

Zeolite molecular sieve, 441-451