1167  This Week in Science

Editorial  1169  Energy Future


News & Comment  1188  Fuqua Leaves 62 Parting Thoughts  The Chairman’s Wish List  Crop Research Network Makes Some Changes  Astronomer Fasts for Arms Control  Academy Membership Fight Goes Public  Chemical Weapons: A Plan for Europe  Accelerator Labs Face Austere Year  Eiffel Centenary to Put Art in Space

Research News  1196  Halley’s Confounding Fireworks  New Drug Counters Alcohol Intoxication  Age Factors Loom in Parkinsonian Research  The Universe in Depth


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Remnants of uplifted marine terraces are common in the Southern Alps of New Zealand (bottom). Individual (upper left picture) is collecting widely scattered beach pebbles from an exhumed 320,000-year-old shelf platform (altitude 1620 meters) at the base of a degraded sea cliff. Highly rounded quartz pebbles (11 to 12 millimeters in diameter) from notched ridge crest have frosted surfaces and impact marks made in a high-energy sedimentary environment. See page 1225. [W. B. Bull, University of Arizona, Tucson, AZ 85721, and A. F. Cooper, University of Otago, Dunedin, New Zealand]