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Unlike most telescopes, the just-completed Vera C. Rubin Observatory, atop Chile's Cerro Pachón, takes the big picture. Equipped with an 8.4-meter main mirror and a 3200-megapixel camera, it will capture the entire visible sky every 3 days before starting again. Algorithms sensitive to anything that changes will find billions of previously unidentified objects, including Earth-threatening asteroids and exploding stars called supernovae. See page 1256. Photo: Aliro Pizarro Díaz



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