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ON THE COVER
The New Horizons probe captured this backlit image of Pluto as it flew past the dwarf planet on 14 July 2015. Scattered sunlight reveals numerous haze layers within Pluto’s thin atmosphere, while the surprisingly diverse surface landscape indicates ongoing geological activity. Studying Pluto and its moon Charon will help us understand how the solar system formed and our place within it. See pages 260 and 292 and dx.doi.org/10.1126/science.aad1815. Photo: NASA/Johns Hopkins University Applied Physics Laboratory/ Southwest Research Institute.