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In roses (Rosa x hybrida), scent is a highly desirable trait. Monoterpenes are the major rose scent compounds, representing up to 70% of the fragrance content in some varieties. Combined transcriptomic and genetic approaches show that monoterpeno biosynthesis in roses differs from what is known in other plants and involves a specialized Nudix hydrolase protein localized in the cytoplasm of rose petal cells. See pages 28 and 81. Photo: © Beneta Markaitytė/National Geographic My Shot/National Geographic
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