



THE DAILY CHRONICLE

FRIDAY, JULY 31 20

Today is Get Gnarly Day. The word *gnarly* comes from the word *gnarled*, meaning knotty or twisted like a tree branch. The term originally referred to something bad, but it has come to mean something “menacingly cool.”

Wild Kingdom

Scientists studying bees in Panama made an un“bee”lievable discovery—a bee that was male on its left side and female on its right.



This is the result of a rare, but not entirely uncommon, condition known as *gynandromorphy*. The female side of the bee was larger and hairier, with a stronger mandible than the male side. In 2019, a cardinal was found to be half male and half female, with red plumage on half of its body. And in 2003, a *gynandromorph* finch was found. Even its brain was genetically half male and half female.

High Five

Can you name the five largest European countries by area?

ANSWER: 1. France, 551,695 km²;
2. Spain, 498,511; 3. Sweden, 450,295;
4. Norway, 385,178; 5. Germany, 357,386

Eye in the Sky

For years, astronomers have noticed that Jupiter’s most prominent feature, its Great Red Spot, is shrinking. Three centuries ago, the spot was three times the size that it is today. Some believed that the spot, a massive anticyclonic storm, was disappearing forever. New research shows, however, that the storm is raging as strong as ever. Even though its width is shrinking, its thickness, or depth, has remained the same. The space probe Voyager 1, which passed 40 years ago, recorded a thickness of 105 miles. A current probe circling Jupiter, named Juno, has made the same calculations.

Word Scramble

S R T E S U B T

The exterior support of a wall

ANSWER: BUTTRESS