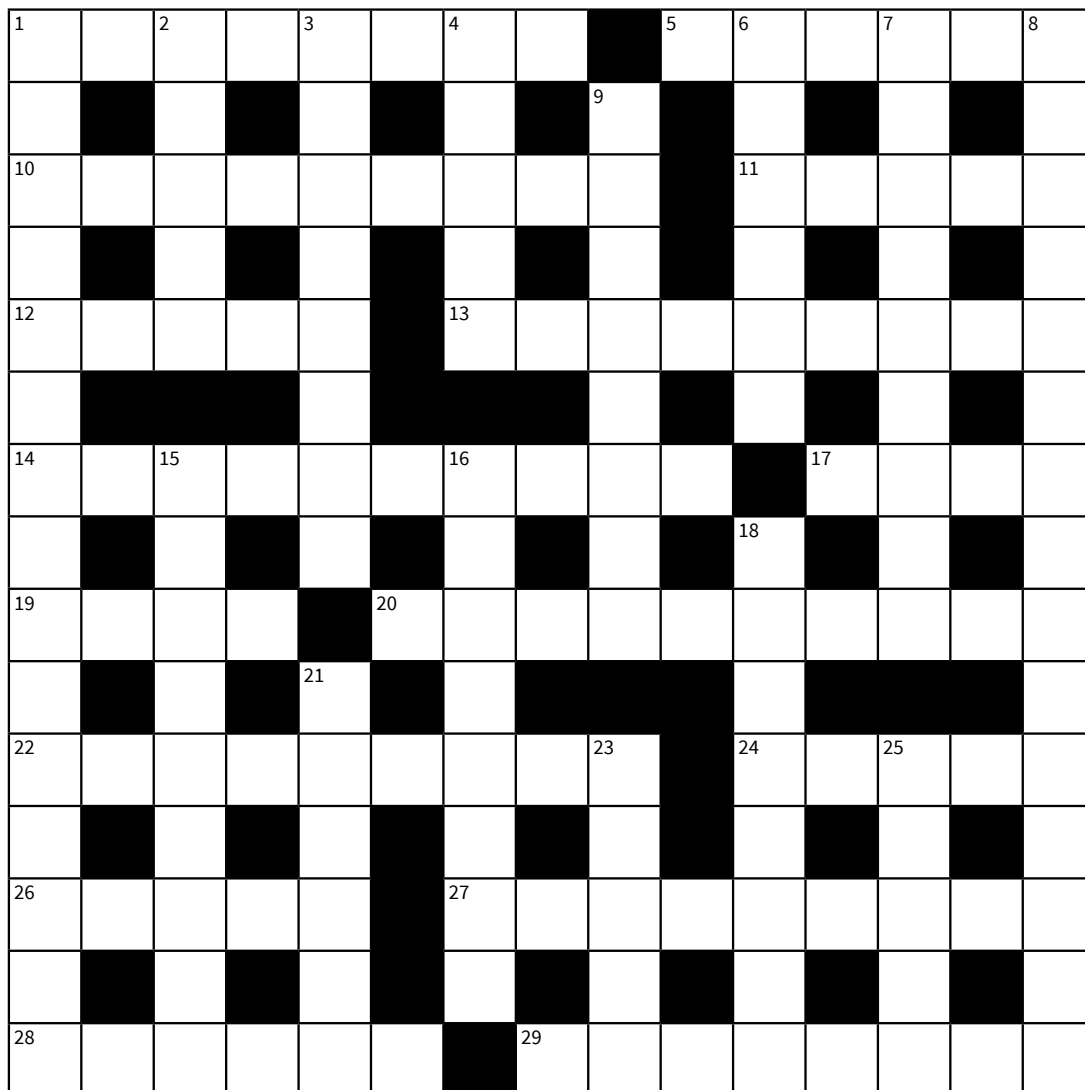




JULY 2022 QUICK CROSSWORD

Across

- 1 Electron capture _____ (ECD) – an analytical device invented by James Lovelock, capable of measuring very small concentrations of organochlorine compounds (8)
- 5 One of the four elements named after the Swedish village of Ytterby (6)
- 10 Norwegian mathematician who had a prize in mathematics named after him, originally proposed in 1899 to complement the Nobel prize (5, 4)
- 11 Desiccator (5)
- 12 Type of radioactive decay and He^{2+} particle (5)

- 13 State of India and birthplace of the physicist and 1930 Nobel prize winner C V Raman (5, 4)
- 14 Superheavy element named after a US State (10)
- 17 Danish physicist awarded the 1922 Nobel prize in physics who has an element named after him (4)
- 19 Metallic element (4)
- 20 Relentless (10)
- 22 German physicist and pioneer of spectroscopy (9)
- 24 Growth of tissue on the body (5)
- 26 Year (5)
- 27 Pharmacist (9)

- 28 Refine (6)

- 29 Volume (8)

Down

- 1 Canadian physicist and co-recipient of the 2018 Nobel prize in physics for her work on chirped pulse amplification (5, 10)
- 2 Fool (5)
- 3 Waterfalls (8)
- 4 Trajectory (5)
- 6 Conundrum (6)
- 7 $\text{C}_3\text{N}_2\text{H}_4$ (9)
- 8 Discoverer of francium (10, 5)
- 9 Currently 118 of these in the periodic table (8)

- 15 Synthetic rubbers (9)

- 16 Hormones (8)

- 18 Termites (8)

- 21 Equilateral quadrilaterals (6)

- 23 Largest carnivorous mammal on the island of Madagascar (5)

- 25 Buttermilk (5)