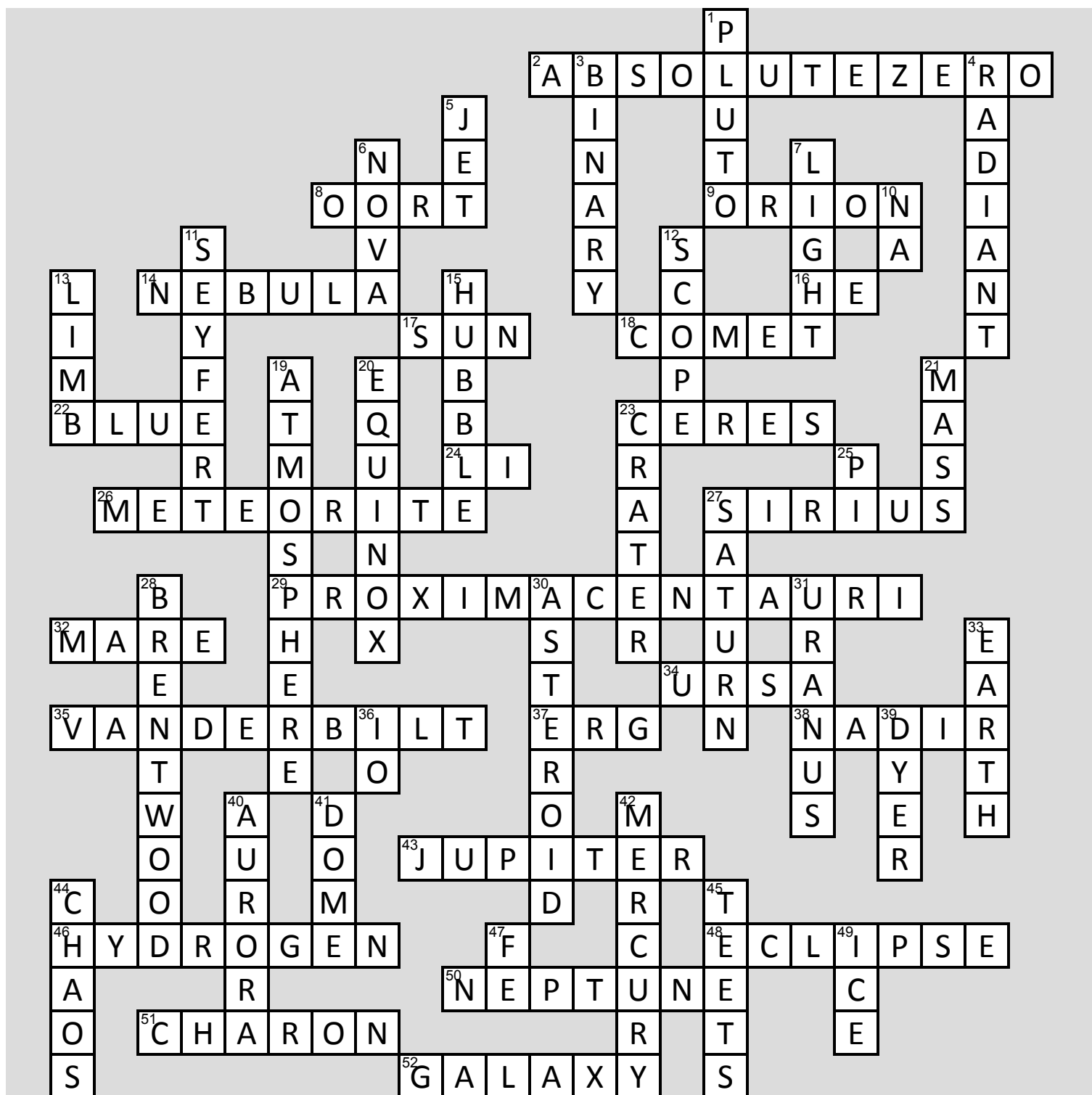


Dyer Observatory Crossword Challenge: Mostly Solar System! ANSWER KEY



Across

- 2 Temp at which the motion of all atoms and molecules stops
- 8 Name of a distant "cloud"
- 9 Night hunter (constellation)
- 14 "Cloud" where stars form
- 16 Second-lightest and abundant element
- 17 Our closest star
- 18 Dirty ball of ice with a vapor tail
- 22 Second full moon in a single month
- 23 Largest object in the main asteroid belt.
- 24 Lightest of the solid elements
- 26 Fragment of rock or metal from space that falls to Earth's surface
- 27 Dog star
- 29 After the Sun, the closest star to Earth
- 32 "Sea" on the Moon made of volcanic basalt
- 34 "Bear" when naming a constellation
- 35 The university that Dyer is a part of
- 37 A unit of work or energy
- 38 Lowest point
- 43 Gas giant 43 light-minutes from the Sun
- 46 Most abundant and lightest element in the universe
- 48 Total or partial blocking of one celestial body by another
- 50 Ice giant whose only visitor was Voyager 2
- 51 Pluto's partner
- 52 Large grouping of stars, ours is spiral

Down

- 1 It is still a (type of) planet!
- 3 System of two stars that revolve around a common center of gravity
- 4 Point in the sky from where a meteor shower seems to originate
- 5 Narrow stream of gas or particles
- 6 "New" explosion
- 7 Electromagnetic radiation
- 10 Can't have salt without it. Atomic number 11.
- 11 Dyer's first director and a class of galaxies
- 12 Tool to see the stars
- 13 Outer edge of a planet
- 15 Space telescope model that hangs in the Dyer library
- 19 On Earth, you breathe it: 78% N, 21% O, 0.9% Ar, and 0.1 percent other gases
- 20 Event around March 21 or Sept 21
- 21 Measure of the amount of matter in an object, is constant in all circumstances
- 23 Remnant of a meteorite strike
- 25 3.14...
- 27 Ringed beauty that takes 29 Earth years to orbit the Sun
- 28 Dyer Observatory's town
- 30 Minor rocky planets left over from the early formation of our solar system
- 31 Ice giant that rotates on its side
- 33 Fifth largest planet in our solar system with one moon
- 36 Most volcanic moon
- 39 Namesake of Vanderbilt's observatory
- 40 High-latitude light display
- 41 It houses the Seyfert
- 42 Fastest of our solar system planets
- 44 "major disorder" or planetary feature of broken terrain
- 45 Dyer Observatory's director
- 47 Heavy metal. Often makes up meteorites.
- 49 When water or gas such as methane or ammonia is in a solid state