

Dr. Colbert, dinosaurs

Brain, mind, intellect, frogs,
kittens, cardinals, fern.

Read introduction

Spectrum on board

Describe galaxy using ^{nebulae} words
Galaxies on stars, milk ^{nebulae}

Photo of Andromeda nebula

Uniformities of Nature

mice, dogs, horses, ^{Narrow range} species

Stellar classification & colors
Blue White Yellow Orange Red Deep red
O B A F G K M R N S

Sun G2, Most populous M.

Distance measures.

triangulation, earth, orbit

Cephids, B stars, galaxies, clusters

Calendar, Egyptian 365 days, Roman,
intercalary months, Julian 46 BC.

Week in 325 AD by Constantine

T. wanderers or planets, Sun, moon,
mercury, mars, jupiter, venus, saturn

Tides, Newcomb, 100 sec longer per century

Devonian coral 350 million years ago.

385-410 days per year

St. Peter on nova, telescopes,

No mention of Tasmania

Science 13 March 67, p. "Microscopic Brains", V. G. Dethier, about flies.
"Perhaps these insects are little machines in a deep sleep, but looking at their rigidly armored bodies, their staring eyes, and their mute performances, one cannot help at times wondering if there is anyone inside."