

CALENDAR OF CENTENARIES, 1961

JANUARY

- 4 *Hales, Stephen* (1677–1761), English clergyman who carried out fundamental researches in plant and animal physiology and was awarded the Copley Medal of the Royal Society in 1739.
- 8 *Clegg, Samuel* (1781–1861), English gas engineer, pioneer in gas lighting.
- 12 *Baldwin, James Mark* (1861–1934), American philosopher and psychologist.
- 17 *Hall, Sir James* (1761–1832), Scottish geologist who carried out laboratory experiments to investigate and illustrate geological phenomena.
- 18 *Goldschmidt, Hans* (1861–1923), German chemist whose name is associated with the thermite process for the reduction of metallic oxides.
- 22 *Bacon, Francis* (1561–1626), English philosopher whose works include the "New Atlantis" in which is described a model college for the experimental study of Nature.
- 22 *Tiedemann, Friedrich* (1781–1861), German physiologist and anatomist.

FEBRUARY

- 15 *Whitehead, Alfred North* (1861–1947), English mathematician and philosopher.
- 15 *Guillaume, Charles Edouard* (1861–1938), Swiss physicist, awarded the Nobel Prize for Physics in 1920 for his work on nickel-steel alloys.
- 24 *Santorio, Santorio* (1561–1636), Italian physician and physiologist, author of the medical classic, "Ars de Statica Medicina" (1614).

APRIL

- 6 *Giesecke, Karl Ludwig* (1761–1833), German mineralogist who travelled extensively in Greenland and located the unique occurrence of cryolite there.
- 8 *Peurbach, Georg* (1423–61), professor of astronomy in Vienna who revived observational astronomy in western Europe.

MAY

- 3 *Vallisneri, Antonio* (1661–1730), Italian physician and naturalist who made valuable observations on fossils and the origin of springs.
- 13 *Fitton, William Henry* (1780–1861), Irish physician and geologist, author of an important memoir on the strata below the Chalk in south-east England.
- 14 *Simpson, Thomas* (1710–61), English mathematician, author of a number of mathematical books.
- 16 *Henslow, John Stevens* (1796–1861), professor first of mineralogy, then of botany, at Cambridge, who nominated Charles Darwin as naturalist for the voyage of the *Beagle*.

JUNE

- 7 *Rennie, John* (1761–1821), Scottish civil engineer, constructor of canals, bridges and harbours.
- 18 *Hodgkinson, Eaton* (1789–1861), English civil engineer, noted for his researches on the strength of materials.

- 24 *Gregory, David* (1661–1708), Scottish mathematician, who, as professor of mathematics in Edinburgh, gave the first public lectures on the Newtonian theory.
- 29 *Mayo, William James* (1861–1939), American surgeon who, jointly with his father and brother, founded the Mayo Clinic, Rochester, Minnesota.
- 30 *Hopkins, Sir Frederick Gowland* (1861–1947), English biochemist who received (jointly with C. Eijkman) the Nobel Prize for Medicine and Physiology in 1920.

JULY

- 8 *Thomson, Sir John Arthur* (1861–1933), Scottish biologist, author of many technical and popular works.

AUGUST

- 8 *Bateson, William* (1861–1926), English biologist who carried out an extensive investigation of the laws of variation and heredity.
- 10 *Wright, Sir Almroth Edward* (1861–1947), English bacteriologist and pioneer of vaccine therapy.

SEPTEMBER

- 8 *Belidor, Bernard Forest de* (1693–1761), French military engineer, author of works on engineering and hydraulics.
- 17 *Bose, Georg Mathias* (1710–61), German natural philosopher who carried out many experiments with static electricity, some of which he described in a poem, "Die Elektrizität" (1744).
- 19 (or 9) *Musschenbroek, Pieter van* (1692–1761), Dutch physicist who invented a pyrometer and who was concerned with the discovery of the Leyden jar.
- 24 *Pitiscus, Bartholomaeus* (1561–1613), German mathematician who prepared an early work on trigonometry.

OCTOBER

- 13 *Cubitt, Sir William* (1785–1861), English civil engineer, responsible for the construction of important docks and canals.

NOVEMBER

- 7 *Sherrington, Sir Charles Scott* (1861–1952), English physiologist, awarded the Nobel Prize for Medicine and Physiology in 1932 (jointly with E. D. Adrian) for researches on the nervous system.
- 30 *Dollond, John* (1706–61), English optician, who received the Copley Medal of the Royal Society for his work on achromatic lenses.
- 30 *Tennant, Smithson* (1761–1815), English chemist, discoverer of osmium and iridium.

DECEMBER

- 17 *Kennelly, Arthur Edwin* (1861–1939), American physicist who independently predicted the existence of the Heaviside layer.
- 24 *Pons, Jean Louis* (1761–1831), French astronomer who discovered more than thirty comets.
- 25 *Gregor, William* (1761–1817), English chemist and mineralogist, discoverer of titanium.