



◄ EAST WEST ►  
\* \* ◦ • SYMBOLS FOR STARS IN ORDER OF BRIGHTNESS

MEDICINE

**Sees Heart Medicine Acting Like Hormone**

► THE STANDARD HEART medicines obtained from digitalis or foxglove leaf act in some ways like hormones from the outer part of the adrenal glands, Dr. Theodore Koppanyi of Georgetown University School of Medicine, Washington, told the post-graduate seminar on diseases of the heart held at the Armed Forces Institute of Pathology, Washington.

The digitalis medicines, called cardiac glycosides, can keep alive animals that have had all of their adrenal glands removed, much as adrenal gland hormones do, Dr. Koppanyi pointed out.

Pointing also to a hormone effect, he said, was another scientist's finding that male breasts enlarge during digitalis treatment.

Science News Letter, May 26, 1956

ORNITHOLOGY

**African Bird Collection Received at Smithsonian**

► SPECIMENS of nearly 700 birds from one of the world's wildest, least-known grassland areas have been received by the Smithsonian Institution.

The birds are from Northern Rhodesia in South Africa, a region that has not been extensively studied for birds. The collection contains species that have never appeared in the U.S. National Museum collections.

The birds, gathered by native collectors, were sent to the Smithsonian by Maj. E. L. Haydock, supervisor of the collecting.

Science News Letter, May 26, 1956

had the same idea even earlier. However, he did appreciate its value, and made it public.

Later, when it proved very popular, some of his competitors tried to have his patent invalidated, on account of Hall's earlier work. When the case came to trial in 1766, the judge made a decision that is still cited when he said: "It was not the person who locked up his invention in his scrotum who ought to profit by a patent for such invention, but he who brought it forth for the benefit of the public."

Accordingly, the validity of the Dollond patent was upheld.

CARDIOLOGY

**Heart Disease Can Hit Day-Old Baby**

► YOUNG BABIES as well as grown-ups and Presidents can have heart attacks, Col. Byron E. Pollock, chief of cardiology at Fitzsimons Army Hospital, Denver, told doctors attending the postgraduate course on diseases of the heart held at the Armed Forces Institute of Pathology, Washington.

Col. Pollock is the Army heart specialist who looked after President Eisenhower when he was a patient at Fitzsimons after his heart attack last September.

Coronary arteriosclerosis, or hardening of the heart's arteries, in layman's terms, is responsible for the great majority of cases of coronary artery disease, Col. Pollock said.

This produces, among other kinds of heart disease, the kind the President suffered, which is myocardial infarction.

The kind babies get is called medial coronary sclerosis. In this, the middle muscular coat of arteries and veins is hardened.

The condition attacks babies from one day to seven months old. In five cases the babies died suddenly without known symptoms.

Others of 20 cases Col. Pollock discussed showed varying evidence of heart failure, upper breathing tract infection, difficulty in feeding and recurring fever.

Science News Letter, May 26, 1956

**Celestial Time Table for June**

JUNE	EST	
1	2:13 p.m.	Moon in last quarter.
8	4:29 a.m.	New Moon; total eclipse of sun visible in southern Pacific Ocean.
9	10:00 p.m.	Moon nearest, distance 223,500 miles.
15	6:56 a.m.	Moon in first quarter.
20	3:00 a.m.	Mercury farthest west of sun, visible in east before sunrise for a few days around this date.
21	5:24 a.m.	Sun farthest north, beginning of summer in Northern Hemisphere.
22	1:00 a.m.	Venus between earth and sun.
23	1:13 a.m.	Full moon.
25	3:00 a.m.	Moon farthest, distance 252,300 miles.
29	8:37 a.m.	Moon passes Mars.

Subtract one hour for CST, two hours for MST, and three for PST.

Science News Letter, May 26, 1956

**OPTICAL STAR FINDER**



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