

## ANIMALS AND POISON.

Some Species Are Immune to the Most Deadly Drugs.

## MYSTERY OF THE HEDGEHOG.

This Bristy Little Creature Can Make a Meal of Arsenic or Opium and Wash It Down With a Draft of Prussic Acid Without Discomfort.

Poison is surely one of the most weird of nature's bizarre contrivances. A tiny speck of an innocent looking white powder on the tip of the tongue means instant death if that powder happens to be the deadly drugaconitine. A moment's whiff of unseen vapor, and if that vapor rises from pure prussic acid all human aid is too late. The strangest fact about that curious group of bodies called poisons is that sometimes they are not poisons. Of course every one knows that when kept under control by the skillful hand of the physician poisons are most valuable medicines. But few persons are aware of the still more curious fact that poisons when taken by certain animals even in large quantities are quite harmless.

Yet, strange as it may seem, this is perfectly true. Take, for instance, the hedgehog. This bristy little animal is absolutely poison proof. It can eat without discomfort as much opium as a hardened Chinese can smoke in a fortnight and can wash a meal down with as much prussic acid as would kill a regiment of soldiers. It is capable of swallowing arsenic with just as much relish as it eats cockroaches. It is quite immune to the venom of the snake, though the prickly hedgehog has little need to fear the approach of such a reptile. It has even been stated that it can swallow corrosive sublimate, and yet this is a virulent poison which human beings must handle with caution, for even a solution of it externally applied has been known to cause death.

Cyanide of potassium is another deadly substance of which the hedgehog need have no fear, and yet the merest trace of the poison is sufficient to cause a full grown man to foam at the mouth and lose the power of his limbs. Truly the hedgehog is a strange freak, and yet not so inexplicable as the poisons by which he refuses to be poisoned.

Man is said to resemble the monkey in more ways than one; but, whatever characteristics they may have in common, the ape differs from the human being in this respect—he can take with impunity as much strichnine as would kill two men instantly. The monkey, curiously enough, shares the immunity to strichnine poisoning with invertebrate animals. Another phenomenon is the rat. The number of rat poisons sold by druggists is legion, but there is one poison which never enters into their composition—namely, digitalin, the active principle of the foxglove. One-half grain of this poisonous principle suffices to kill a man within three-quarters of an hour, but the rat absolutely refuses to let it kill him.

When it was discovered that a human being has swallowed oxalic acid, the first thing the doctor does is to give his unfortunate patient a good dose of chalk, technically known as calcium carbonate. Strange to relate, chickens are not poisoned by oxalic acid, for the simple reason that their intestines contain the antidote in the form of quantities of calcium, which combine with the poison and render it quite harmless. It is interesting, however, to mention that if oxalic acid is injected into the blood of a fowl it would be poisoned. It is only when given by the mouth that the acid comes in contact with the antidote. However, as chickens are not provided with hypodermic syringes, they are not likely to run any danger.

If China were inhabited by pigeons instead of by people who speak pigeon English, a costly war and no end of controversy might have been averted, for pigeons are not demorized by opium. You cannot put a pigeon to sleep with the "drowsy giant," simply because there is something in the bird's interior which resists the narcotic influence of the morphine to which opium owes its activity.

There is little to connect the Russian peasant with a goat—unless it is beard—yet nevertheless both have one trait in common—neither is harmed by hemlock. It was the juice of the hemlock, so we have been told until we are tired of hearing it, that killed Socrates. Ever since then it has been on the poison list as far as civilized beings are concerned; but, all the same, roots of hemlock are eaten as food by the Russian peasants—and by goats.

In one respect the peasant of the Austrian Tyrol resembles the hedgehog, because he can take in one dose as much arsenic as would kill several Americans. This is not because the peasant is provided with any special means of combating the effects of the drug, but because he habituates himself to it. The Tyrolean finds that arsenic increases his power of endurance. He commences by taking an eighth part of a grain for a dose, which is gradually increased until he can take without any ill effect five or more grains at a time.

Experts have not been able to make up their minds why these people become tolerant to the drug. The most plausible theory put forward up to the present is that an antitoxin is formed by the administration of the poison which immunizes the subject, just as calf lymph immunizes us against smallpox.—Baltimore Sun.

## PALLADIUM WANT ADS PAY.

NOTICE OF APPOINTMENT.  
State of Indiana, Wayne County, ss;  
Estate of Susan E. Burden, deceased.

Notice is hereby given that the undersigned has been appointed by the Wayne Circuit Court, Administratrix of the estate of Susan E. Burden, deceased, late of Wayne County, Indiana. Said estate is supposed to be solvent.

CLARA CLEMENS,  
Administrator.

## TODAY'S MARKET QUOTATIONS

## NEW YORK STOCK QUOTATIONS.

By Correll and Thompson, Brokers, Eaton, Ohio.

New York, Jan. 25.—

	Open	High	Low	Close
Amalgamated Copper	49 1/2	49 1/2	49 1/2	49 1/2
American Car Foundry	29 1/2	29 1/2	29 1/2	29 1/2
American Locomotive	36 1/2	36 1/2	36 1/2	36 1/2
American Smelting	63 1/2	65	63 1/2	64 1/2
American Sugar	112	112 1/2	112	112
Atchison	71 1/2	71 1/2	71 1/2	71 1/2
B. & O.	41	41	41	41
B. R. T.	41	41	41	41
Canadian Pacific	148 1/2	149 1/2	148 1/2	149 1/2
C. & O.	29 1/2	29 1/2	28 1/2	29 1/2
C. G. W.	112	112	112	112
C. M. & St. P.	111 1/2	112 1/2	112 1/2	112 1/2
C. F. & I.	32 1/2	32 1/2	32 1/2	32 1/2
Chi. St. & P.	15	15	15	15
National Lead	35 1/2	35 1/2	35 1/2	35 1/2
New York Central	97	97 1/2	96 1/2	96 1/2
N. & W.	—	—	—	—
Norfolk & Western	—	—	—	—
M. K. & T.	23 1/2	23 1/2	23 1/2	23 1/2
Missouri Pacific	44 1/2	44 1/2	44 1/2	44 1/2
Northern Pac.	125 1/2	125 1/2	125 1/2	125 1/2
Pennsylvania	112 1/2	112 1/2	112 1/2	112 1/2
People's Gas	85	85	84 1/2	84 1/2
Reading	100 1/2	100 1/2	100 1/2	100 1/2
Republic Steel	15	15	15	15
Rock Island	74	74	74	74
Southern Pacific	74	74	74	74
Southern R. R.	—	—	—	—
Union Pacific	—	—	—	—
U. S. Steel	122 1/2	123 1/2	122 1/2	123 1/2
U. S. Steel pfd.	91 1/2	91 1/2	91 1/2	91 1/2
Wabash	15 1/2	15 1/2	15 1/2	15 1/2
Great Northern	121 1/2	121 1/2	120 1/2	120 1/2

N. Y. BANK STATEMENT.  
Reserves less U. S. deposits Inc. 13,824,330.  
Reserves Inc. 14,429,425.  
Loans Inc. \$892,000.  
Specia Inc. 21,215,500.  
Legals Inc. 2,458,400.  
Deposits Inc. 36,979,500.  
Circulation Dec. 857,100.

## Chicago.

## CHICAGO GRAIN AND PROVISIONS.

(By Correll and Thompson, Brokers,

Eaton, O.

Chicago, Jan. 25.—

## Wheat

Open, High, Low, Close

May ... 102 1/2 102 1/2 100 100

July ... 98 1/2 98 1/2 97 1/2 97 1/2

Sept. ... 96 1/2 96 1/2 94 1/2 94 1/2

## Corn

Open, High, Low, Close

May ... 61 1/2 61 1/2 60 1/2 60 1/2

July ... 56 1/2 56 1/2 55 1/2 55 1/2

Sept. ... 50 1/2 50 1/2 50 1/2 50 1/2

## Oats

Open, High, Low, Close

May ... 54 1/2 54 1/2 53 1/2 53 1/2

July ... 47 1/2 47 1/2 46 1/2 46 1/2

Sept. ... 38 1/2 38 1/2 38 1/2 38 1/2

## Pork

Open, High, Low, Close

May ... \$13.25 \$13.25 \$12.97 \$12.97

## Lard

Open, High, Low, Close

May ... 87.97 87.97 87.92 87.92

## Rib

Open, High, Low, Close

May ... 86.90 86.97 86.90 86.90

## U. S. YARDS, CHICAGO.

Chicago, Jan. 25.—Hogs, receipts,

14,000, 10c higher; left over 7,500,

Cattle, 300, strong; Sheep, 1,500, strong.

## Hogs Close

Light ... \$1.15 or \$1.45

Mixed ... 4.20 or 4.50

Rough ... 4.20 or 4.50

## CHICAGO GRAIN RECEIPTS.

Today, Last Wk., Last Yr.

Wheat ... 17 27 17

Corn ... 268

Oats ... 125

## Estimates.

Wheat 35.

Corn, 517.

Oats, 237.

## NORTHWEST RECEIPTS.

Today, Last Wk., Last Yr.

Minn. ... 273 321 178

Duluth ... 49 38 22

## LIVERPOOL.

Wheat—Close 3/4 higher.

Corn—Close 3/4 higher.

## A Doctor's Assistant.

A doctor whose large practice has

made an assistant necessary was told

that the man he selected was hardly

competent.

"He's good enough for what I want

him for," said the doctor. "I don't

expect him to prescribe for my pa-

tients, but to listen to their gossip.

In many cases the privilege of talking

over his troubles with the doctor con-

sists the biggest part of a patient's

cure. I haven't time to listen to all

these complaints myself; hence the

need of an assistant. This man is

good looking and sympathetic. Callers

will readily unbend their hearts to

them when they are ready for

real medical advice he can pass them

on to me."—Columbus Dispatch.

## Unfortunate Royalty.

Horse accidents caused the death of

William I. and William III., William

II. and Richard I. were killed by ar-

rows. Richard III. was slain in battle,

Charles I. was beheaded. Edward II.

Richard II. and Edward V. were mur-

dered, a surfeit of lampreys cost Henry

II. his life, poison or a surfeit of peaches