

1932

1. *Peromyscus* seems to vary a great deal in its reactions to *Thallium Sulphate*, as to time to die, dose to kill and effects.
2. One mouse may eat enough to kill from 20-45.
See 18 and 19.
3. A rat (*Rattus norvegicus*) showed very slight effects after eating a mouse containing 3.18 grams of grain. A couple of days later another mouse was fed, containing 2.15 grams of grain. This did not affect within two days, and no more time is to be had.
4. *Peromyscus*, *Citellus* and *Rattus* do not hesitate to eat the grain poisoned with *Thallium Sulphate*.

Number	Body weight in grams.	Weight in grams.	giving body weight		
1.	21.73	.48-50	.021	22 hours	H*
2.	small	.05			H. lost after 45 hours
3.	23.65	.05	.002		H .05 at at 105 hours .05 " at 225 hours. not affected 420 hours. at 10 days 17+ days
4.	9.35	.03	.003		H. very sick at 72 hours. recovered. 120 " fed 55 at 150 " sick at 174 " recovered at 190 " lost.
5					Not used, returned to cage
6					
7.	15.40	.07	.004	78 hours	H - showed no effects until just before death.
8	11.77	.08	.007	78 "	H. showed effects soon
9.	25.42	.12	.005		H. not affected at 132. escaped, but recovered. sick until 240, recovered. OK at 350
10.	22.22	.15	.007		H not affected after 144 hours. lost
11.	11.22	.15	.013	72 hours	
12.	15.97	.12	.007	160 hours.	not sick until 85 hours.
13		.50			Spermophile not dead after 80 hours.
14.	20.75	.18	.000	72 hours	
15	21.77	.19	.009	60 hours	
16.	19.63	.17	.009	92 hours	
17					Rat
18	13.50	3.15	.233	18 hours	H grain kept before it until dead.
19		2.18		48 hours	grain kept before it until dead

* H = kept in cage for a period
without food to insure being
hungary.

Number	grams per gram of body weight	Hours to die	Alive or not
3	.002		H
4	.003		H
7	.004	78	H
9	.005		H
14	.006	72	
8	.007	78	H
10	.007		H
12	.007	160	
15	.009	60	
16	.009	92	
11	.013	72	
1	.021	22	H
18	.233	18	H

Showing lack of ^{close} relation
between time to die and
size of dose per body weight.