

DOG NO. VI.—TRYPAN-RED TREATMENT. One Injection of 7 c.m 1 per cent. Solution.
(Recovered.)

Dog 732. 19th October, 1909. *Injected subcutaneously 2 c.c. blood of dog 673.*

Day.	Date.	Time.	Temperature.		Red Blood Corp. Infected.	The Infected Red Blood Corpuscles contained Parasites as follows :—					
			M.	E.		P.	PP.	O.	D.	PPPP.	OO.
					%	%	%	%	%	%	%
5	1909. Oct. 24	10 a.m.	103 ²	104	0.1	0	0.1	0	0	0	0
6	" 25	10 a.m.	103	102 ⁶	0.2	0	0	0.2	0	0	0
6	" 25	10.45 a.m.	<i>Injected subcutaneously 7 c.c. Trypan-red Solution, 1 per cent, at several places.</i>								
6	" 25	12.45 p.m.	—	—	0.1	0	0	0.1	0	0	0
6	" 25	2.30 p.m.	—	—	0.3	0.2	0	0.1	0	0	0
6	" 25	4.30 p.m.	—	—	0.1	0	0	0.1	0	0	0
6	" 25	6.30 p.m.	—	—	0.1	0	0	0	0.1	0	0
6	" 25	8.30 p.m.	—	—	0.1	0.1	0	0	0	0	0
6	" 25	10.30 p.m.	—	—	0.1	0	0	0.1	0	0	0
7	" 26	7 a.m.	102	100	0.1	0	0.1	0	0	0	0
7	" 26	10 a.m.	—	—	0.1	0	0.1	0	0	0	0
8	" 27	10 a.m.	100	101 ²	0.1	0	0	0.1	0	0	0
9	" 28	10 a.m.	102	101 ⁸	0	0	0	0	0	0	0
9	" 28	3 p.m.	—	—	M.M. red injection.						
10	" 29	10 a.m.	101 ⁶	101 ⁶	0	0	0	0	0	0	0
11	" 30	10 a.m.	101 ²	101 ⁶	0	0	0	0	0	0	0
12	" 31	10 a.m.	102	101 ²	0	0	0	0	0	0	0
13	Nov. 1	10 a.m.	100 ⁴	102 ⁴	0	0	0	0	0	0	0
14	" 2	10 a.m.	101	100 ⁶	0	0	0	0	0	0	0
15	" 3	10 a.m.	100	104	0	0	0	0	0	0	0
16	" 4	10 a.m.	101	103	0	0	0	0	0	0	0
17	" 5	10 a.m.	101	101 ⁸	0	0	0	0	0	0	0
18	" 6	10 a.m.	100 ⁶	102	0	0	0	0	0	0	0
19	" 7	10 a.m.	101	103	0	0	0	0	0	0	0
20	" 8	10 a.m.	101 ⁸	102 ²	0	0	0	0	0	0	0
21	" 9	10 a.m.	101 ⁸	101 ⁸	0	0	0	0	0	0	0
22	" 10	10 a.m.	100 ⁶	102 ⁶	0	0	0	0	0	0	0
23	" 11	10 a.m.	102	104 ⁶	0	0	0	0	0	0	0
24	" 12	10 a.m.	102 ⁶	101 ⁴	0	0	0	0	0	0	0
25	" 13	10 a.m.	100 ⁴	103	0	0	0	0	0	0	0
26	" 14	10 a.m.	101 ⁴	102 ²	0	0	0	0	0	0	0
27	" 15	10 a.m.	102	103	0	0	0	0	0	0	0
28	" 16	10 a.m.	100 ⁸	102 ²	0	0	0	0	0	0	0
29	" 17	10 a.m.	100 ⁸	101	0	0	0	0	0	0	0
30	" 18	10 a.m.	100 ⁴	102 ²	0	0	0	0	0	0	0
31	" 19	10 a.m.	100 ⁴	101 ⁴	0.1	0	0	0	0	0	0
32	" 20	10 a.m.	100 ⁶	100 ⁶	0.1	0	0	0	0	0	0
33	" 21	10 a.m.	100 ⁶	100 ⁴	0	0	0	0	0	0	0
34	" 22	10 a.m.	100 ⁶	103	0	0	0	0	0	0	0
35	" 23	10 a.m.	101 ⁶	103	0	0	0	0	0	0	0
36	" 24	10 a.m.	101 ⁸	101 ⁸	0	0	0	0	0	0	0
37	" 25	10 a.m.	101	103 ²	0	0	0	0	0	0	0
38	" 26	10 a.m.	103	100 ⁸	—	—	—	—	—	—	—
39	" 27	10 a.m.	101	102 ⁶	—	—	—	—	—	—	—
40	" 28	10 a.m.	101 ⁸	101 ²	—	—	—	—	—	—	—
41	" 29	10 a.m.	103 ²	102	—	—	—	—	—	—	—
42	" 30	10 a.m.	100 ⁶	102 ⁶	—	—	—	—	—	—	—
43	Dec. 1	10 a.m.	100	102 ⁶	—	—	—	—	—	—	—
44	" 2	10 a.m.	101	102 ⁸	0	0	0	0	0	0	0
45	" 3	10 a.m.	100 ⁸	102 ²	—	—	—	—	—	—	—
46	" 4	10 a.m.	101 ⁴	102 ²	0	0	0	0	0	0	0
47	" 5	10 a.m.	101	101 ⁸	—	—	—	—	—	—	—
48	" 6	10 a.m.	100 ⁶	102 ²	—	—	—	—	—	—	—
49	" 7	10 a.m.	100 ⁸	102	0	0	0	0	0	0	0
50	" 8	10 a.m.	102	103 ²	—	—	—	—	—	—	—
51	" 9	10 a.m.	101 ⁶	103 ²	0	0	0	0	0	0	0
52	" 10	10 a.m.	101 ²	—	—	—	—	—	—	—	—
53	" 11	10 a.m.	101	—	0	0	0	0	0	0	0

Day.	Date.	Time.	Temperature.		Red Blood Corp. Infected.	The Infected Red Blood Corpuscles contained Parasites as follows :—						
			M.	E.		%	P.	PP.	O.	D.	PPPP.	OO.
							%	%	%	%	%	%
1909.												
54	Dec. 12	10 a.m.	—	—	—	—	—	—	—	—	—	
55	" 13	10 a.m.	—	—	—	—	—	—	—	—	—	
56	" 14	10 a.m.	100 ^s	—	0	0	0	0	0	0	0	
57	" 15	10 a.m.	—	—	—	—	—	—	—	—	—	
58	" 16	10 a.m.	—	—	—	—	—	—	—	—	—	
59	" 17	10 a.m.	100	—	0	0	0	0	0	0	0	
60	" 18	10 a.m.	—	—	—	—	—	—	—	—	—	
61	" 19	10 a.m.	—	—	—	—	—	—	—	—	—	
62	" 20	10 a.m.	101 ^s	—	0	0	0	0	0	0	0	
63	" 21	10 a.m.	—	—	—	—	—	—	—	—	—	
64	" 22	10 a.m.	—	—	—	—	—	—	—	—	—	
65	" 23	10 a.m.	101 ^s	—	0	0	0	0	0	0	0	
66	" 24	10 a.m.	—	—	—	—	—	—	—	—	—	
67	" 25	10 a.m.	—	—	—	—	—	—	—	—	—	
68	" 26	10 a.m.	102	—	0	0	0	0	0	0	0	
69	" 27	10 a.m.	—	—	—	—	—	—	—	—	—	
70	" 28	10 a.m.	101 ^s	—	0	0	0	0	0	0	0	
71	" 29	10 a.m.	—	—	—	—	—	—	—	—	—	
72	" 30	10 a.m.	101	—	0	0	0	0	0	0	0	
73	" 31	10 a.m.	—	—	—	—	—	—	—	—	—	
1910.												
74	Jan. 1	10 a.m.	—	—	—	—	—	—	—	—	—	
75	" 2	10 a.m.	100 ⁶	—	0	0	0	0	0	0	0	
76	" 3	10 a.m.	—	—	—	—	—	—	—	—	—	
77	" 4	10 a.m.	—	—	—	—	—	—	—	—	—	
78	" 5	10 a.m.	101 ⁴	—	0	0	0	0	0	0	0	
79	" 6	10 a.m.	—	—	—	—	—	—	—	—	—	
80	" 7	10 a.m.	—	—	—	—	—	—	—	—	—	
81	" 8	10 a.m.	101 ⁶	—	0	0	0	0	0	0	0	
82	" 9	10 a.m.	—	—	—	—	—	—	—	—	—	
83	" 10	10 a.m.	—	—	—	—	—	—	—	—	—	
84	" 11	10 a.m.	101 ⁶	—	0	0	0	0	0	0	0	
85	" 12	10 a.m.	—	—	—	—	—	—	—	—	—	
86	" 13	10 a.m.	—	—	—	—	—	—	—	—	—	
87	" 14	10 a.m.	102 ⁴	—	—	—	—	—	—	—	—	

DOG NO. XV.—TRYPAN-RED TREATMENT: One Injection of Trypan-red.

(Recovered and proved to be immune in an exposure experiment.)

Dog 687. 1st November, 1909. *Injected subcutaneously 2 c.c. blood of dog 740.*

Day.	Date.	Time.	Temperature.		Red Blood Corp. Infected.	The Infected Red Blood Corpuscles contained Parasites as follows :—						
			M.	E.		%	P.	PP.	R.	D.	PPPP.	RR.
							%	%	%	%	%	%
4	Nov. 5	10 a.m.	101	102 ^s	0	0	0	0	0	0	0	
5	" 6	10 a.m.	101	104 ^s	>0.1	0	0	0	0	0	0	
6	" 7	10 a.m.	104 ^s	106	>0.1	0	0	0	0	0	0	
7	" 8	10 a.m.	102 ⁶	104	0.2	0	0.1	0	0.1	0	0	
7	" 8	5 p.m.	—	—	—	Dog rather sick, dull. <i>Injected subcutaneously 10 c.c. Trypan-red 2.5 per cent.</i>						
8	" 9	10 a.m.	105	103 ³	0	0	0	0	0	0	0	
9	" 10	10 a.m.	101 ⁴	103	0	0	0	0	0	0	0	
10	" 11	10 a.m.	102	—	0	0	0	0	0	0	0	
11	" 12	10 a.m.	—	—	0	0	0	0	0	0	0	
12	" 13	10 a.m.	—	—	0	0	0	0	0	0	0	
13	" 14	10 a.m.	102 ⁴	101	0	0	0	0	0	0	0	
14	" 15	10 a.m.	102 ²	102	0	0	0	0	0	0	0	
15	" 16	10 a.m.	100 ⁸	101 ³	0	0	0	0	0	0	0	
16	" 17	10 a.m.	100	103	0	0	0	0	0	0	0	
17	" 18	10 a.m.	101	101 ⁴	0	0	0	0	0	0	0	

Day.	Date.	Time.	Tempera- ture.		Red Blood Corp. In- fected. %	The Infected Red Blood Corpuscles contained Parasites as follows:—						
			M.	E.		P. %	PP. %	R. %	D. %	PPPP. %	RR. %	
1909.												
18	Nov. 19	10 a.m.	104	104	0	0	0	0	0	0	0	0
19	" 20	10 a.m.	102 ⁶	103 ⁴	>0.1	0	0	0	0	0	0	0
20	" 21	10 a.m.	102 ²	102 ⁶	>0.1	0	0	0	0	0	0	0
21	" 22	10 a.m.	100	101	0	0	0	0	0	0	0	0
22	" 23	10 a.m.	100 ⁴	101	0	0	0	0	0	0	0	0
23	" 24	10 a.m.	101 ²	103	—							
24	" 25	10 a.m.	101 ²	102 ⁴	0	0	0	0	0	0	0	0
25	" 26	10 a.m.	101 ⁴	104 ²	0	0	0	0	0	0	0	0
26	" 27	10 a.m.	104 ⁴	103 ⁶	0.2	0	0.1	0.1	0	0	0	0
27	" 28	10 a.m.	101 ⁶	101 ⁶	0	0	0	0	0	0	0	0
28	" 29	10 a.m.	103	104 ⁶	0	0	0	0	0	0	0	0
29	" 30	10 a.m.	102 ⁴	103	0	0	0	0	0	0	0	0
30	Dec. 1	10 a.m.	102	102 ⁶	—							
31	" 2	10 a.m.	100	104 ⁴	—							
32	" 3	10 a.m.	102	102 ⁶	0	0	0	0	0	0	0	0
33	" 4	10 a.m.	101 ⁴	102	—							
34	" 5	10 a.m.	99	101 ⁶	—							
35	" 6	10 a.m.	99	103	0	0	0	0	0	0	0	0
36	" 7	10 a.m.	101	102 ⁶	—							
37	" 8	10 a.m.	101 ⁶	102 ⁶	—							
38	" 9	10 a.m.	102 ⁶	103	—							
39	" 10	10 a.m.	103	—	0	0	0	0	0	0	0	0
40	" 11	10 a.m.	—	—	—							
41	" 12	10 a.m.	—	—	—							
42	" 13	10 a.m.	103 ²	—	0	0	0	0	0	0	0	0
43	" 14	10 a.m.	—	—	—							
44	" 15	10 a.m.	102 ²	—	0	0	0	0	0	0	0	0
45	" 16	10 a.m.	—	—	—							
46	" 17	10 a.m.	—	—	—							
47	" 18	10 a.m.	102	—	0	0	0	0	0	0	0	0
48	" 19	10 a.m.	—	—	—							
49	" 20	10 a.m.	—	—	—							
50	" 21	10 a.m.	101	—	0	0	0	0	0	0	0	0
51	" 22	10 a.m.	—	—	—							
52	" 23	10 a.m.	—	—	—							
53	" 24	10 a.m.	102	—	0	0	0	0	0	0	0	0
54	" 25	10 a.m.	—	—	—							
55	" 26	10 a.m.	—	—	—							
56	" 27	10 a.m.	102 ⁸	—	0	0	0	0	0	0	0	0
57	" 28	10 a.m.	—	—	—							
58	" 29	10 a.m.	—	—	—							
59	" 30	10 a.m.	101 ⁶	—	0	0	0	0	0	0	0	0
60	" 31	10 a.m.	—	—	—							
1910.												
61	Jan. 1	10 a.m.	—	—	—							
62	" 2	10 a.m.	101 ⁸	—	0	0	0	0	0	0	0	0
63	" 3	10 a.m.	—	—	—							
64	" 4	10 a.m.	104 ²	—	—							
65	" 5	10 a.m.	102	103	>0.1	0	0	0	0	0	0	0
66	" 6	10 a.m.	102 ⁴	102 ⁴	—							
67	" 7	10 a.m.	101 ⁶	103 ²	—							
68	" 8	10 a.m.	99 ⁶	104	0	0	0	0	0	0	0	0
69	" 9	10 a.m.	101 ⁸	102 ⁶	—							
70	" 10	10 a.m.	102 ²	102 ⁴	—							
71	" 11	10 a.m.	102 ⁶	102 ²	0	0	0	0	0	0	0	0
72	" 12	10 a.m.	101	101 ⁸	—							
73	" 13	10 a.m.	102 ⁴	102 ²	—							
74	" 30	10 a.m.	102 ²	101 ²	0	0	0	0	0	0	0	0
75	Feb. 2	10 a.m.	101 ²	101 ⁶	0	0	0	0	0	0	0	0
76	" 5	10 a.m.	100 ⁸	102 ²	0	0	0	0	0	0	0	0

Dog proved to be immune.

DOG NO. IX.—TRYPAN-RED TREATMENT. One Injection of 1 per cent. Solution of Trypan-red.

(Died of chronic piroplasmosis.)

Dog 739. 19th October, 1909. *Injected subcutaneously 2 c.c. blood of dog 673.*

Day.	Date.	Time.	Temperature.		Red Blood Corp. Infected.	The Infected Red Blood Corpuscles contained Parasites as follows:—					
			M.	E.		P.	PP.	O.	D.	PPPP.	OO
					%	%	%	%	%	%	%
6	Oct. 25	10 a.m.	104	105 ⁴	>0.1	0	>0.1	0	0	0	0
6	" 25	10.45 a.m.	—		<i>Injected subcutaneously 7 c.c. Trypan-red Solution 1 per cent.</i>						
6	" 25	12.45 p.m.	—		>0.1	0	0	0	0.1	0	0
6	" 25	2.30 p.m.	—		>0.1	0	0	>0.1	0	0	0
6	" 25	4.30 p.m.	—		>0.1	0	>0.1	0	0	0	0
6	" 25	6.30 p.m.	—		>0.1	0	0	0	>0.1	0	0
6	" 25	8.30 p.m.	—		>0.1	0	0	>0.1	0	0	0
6	" 25	10.30 p.m.	—		>0.1	0	0	>0.1	0	0	0
7	" 26	7 a.m.	104 ⁴	104	>0.1	0	0	>0.1	0	0	0
7	" 26	10 a.m.	—		>0.1	0	0	>0.1	0	0	0
8	" 27	10 a.m.	103 ⁸	103 ⁸	>0.1	0	>0.1	0	0	0	0
9	" 28	10 a.m.	102 ⁸	104 ⁸	>0.1	0	>0.1	0	0	0	0
9	" 28	3 p.m.	—		M.M. skin reddish injection. Place of trypan-red injection slight infiltrated.						
10	" 29	10 a.m.	103 ⁴	101 ²	>0.1	0	0	>0.1	0	0	0
11	" 30	10 a.m.	100 ²	101 ²	0	0	0	0	0	0	0
12	" 31	10 a.m.	101	102	0	0	0	0	0	0	0
13	Nov. 1	10 a.m.	103	103	0	0	0	0	0	0	0
14	" 2	10 a.m.	103 ⁸	102 ⁸	0.2	0	0.1	0	0.1	0	0
15	" 3	10 a.m.	103	103 ²	0.4	0	0.2	0	0.2	0	0
16	" 4	10 a.m.	103	104 ⁴	0.2	0	0.1	0	0	0	0
17	" 5	10 a.m.	103	102 ²	>0.1	0	0	>0.1	0	0	0
18	" 6	10 a.m.	101 ⁴	104	0	0	0	0	0	0	0
19	" 7	10 a.m.	102	103	0	0	0	0	0	0	0
20	" 8	10 a.m.	100 ⁸	104 ²	>0.1	0	>0.1	0	0	0	0
21	" 9	10 a.m.	102 ⁶	104	0	0	0	0	0	0	0
22	" 10	10 a.m.	102 ⁶	102 ⁸	0	0	0	0	0	0	0
23	" 11	10 a.m.	101 ⁶	103	—						
24	" 12	10 a.m.	102 ⁶	102 ⁶	>0.1	>0.1	0	0	0	0	0
25	" 13	10 a.m.	102	103 ⁴	0	0	0	0	0	0	0
26	" 14	10 a.m.	102	104 ²	>0.1	0	0	0	0	>0.1	0
27	" 15	10 a.m.	101	101 ²	0	0	0	0	0	0	0
28	" 16	10 a.m.	101 ²	102 ²	0	0	0	0	0	0	0
29	" 17	10 a.m.	103	102 ²	0	0	0	0	0	0	0
30	" 18	10 a.m.	103	101 ⁴	>0.1	0	>0.1	0	0	0	0
31	" 19	10 a.m.	101	101 ⁴	0	0	0	0	0	0	0
32	" 20	10 a.m.	100 ⁴	101 ⁴	0	0	0	0	0	0	0
33	" 21	10 a.m.	100 ⁴	100	0	0	0	0	0	0	0
34	" 22	10 a.m.	99	101	0	0	0	0	0	0	0
35	" 23	10 a.m.	100 ⁶	102 ²	>0.1	0	0	0	0	0	0
36	" 24	10 a.m.	101 ⁶	100 ⁸	0	0	0	0	0	0	0
37	" 25	10 a.m.	100 ²	103 ²	>0.1	0	0	0	0	0	0
38	" 26	10 a.m.	104	99 ⁶	0	0	0	0	0	0	0
39	" 27	10 a.m.	100 ⁸	105	—						
40	" 28	10 a.m.	102 ⁶	101 ⁶	0	0	0	0	0	0	0
41	" 29	10 a.m.	101	101 ⁸	>0.1	0	0	0	0	0	0
42	" 30	10 a.m.	103	102 ²	—						
43	Dec. 1	10 a.m.	100 ⁸	99	>0.1	0	0	0	0	0	0
44	" 2	10 a.m.	100	103 ⁸	0	0	0	0	0	0	0
45	" 3	10 a.m.	100 ⁸	101	0	0	0	0	0	0	0
46	" 4	10 a.m.	99 ²	102 ⁸	0	0	0	0	0	0	0
47	" 5	10 a.m.	101 ⁸	101 ⁴	—						
48	" 6	10 a.m.	101	102 ²	—						
49	" 7	10 a.m.	100 ⁸	99 ²	0	0	0	0	0	0	0
50	" 8	10 a.m.	101 ⁶	104	—						
51	" 9	10 a.m.	102	102 ⁶	0	0	0	0	0	0	0

Day.	Date.	Time.	Temperature		Red Blood Corp. Infected.	The Infected Red Blood Corpuscles contained Parasites as follows :—					
			M.	E.		P.	PP.	O.	D.	PPPP.	OO.
1909.			M.	E.	%	%	%	%	%	%	%
52	Dec. 10	10 a.m.	101 ⁶	—	—	0	0	0	0	0	0
53	" 11	10 a.m.	102	—	0	0	0	0	0	0	0
54	" 12	10 a.m.	—	—	—	—	—	—	—	—	—
55	" 13	10 a.m.	104	—	0	0	0	0	0	0	0
56	" 14	10 a.m.	—	—	—	—	—	—	—	—	—
57	" 15	10 a.m.	100 ⁴	—	0	0	0	0	0	0	0
58	" 16	10 a.m.	—	—	—	—	—	—	—	—	—
59	" 17	10 a.m.	—	—	—	—	—	—	—	—	—
60	" 18	10 a.m.	100 ⁶	—	>0.1	0	0	0	0	0	0
61	" 19	10 a.m.	—	—	—	—	—	—	—	—	—
62	" 20	10 a.m.	—	—	—	—	—	—	—	—	—
63	" 21	10 a.m.	102 ⁴	—	0	0	0	0	0	0	0
64	" 22	10 a.m.	—	—	—	Dog found dead. A few parasites found in the heart, blood, and in the spleen. Cause of death: anaemia.					

DOG NO. III.—TRYPAN-BLUE TREATMENT: One Injection of Trypan-blue.

Dog 898. Mongrel; about 15 lb. 2nd February, 1910. *Injected subcutaneously 2 c.c. blood of dog 885.*

Day.	Date.	Time.	Temperature.		Red Blood Corp. Infected.	The Infected Red Blood Corpuscles contained Parasites as follows :—						
			M.	E.		P.	O.	D.	P ¹ .	P ² .	OO.	P ³ .
1910.			M.	E.	%	%	%	%	%	%	%	%
6	Feb. 8	10 a.m.	104	102 ⁶	0.1	0	0	0.05	0.05	0	0	0
7	" 9	10 a.m.	104 ⁴	102 ²	0.2	0	0	0.3	1.8	0	0	0
8	" 10	10 a.m.	103	102 ⁸	3.0	0	0	1.8	1.2	0	0	0
9	" 11	10 a.m.	101 ⁴	101 ⁸	8.0	0	0	2.7	0	5.3	0	0
9	" 11	12 noon	—	—	—	Very sick, dull. Slight cyanosis of the M.M. of the mouth: off feeding.						
9	" 11	12.10 p.m.	—	—	—	11.5	0	0	5.2	6.1	0.4	0
						<i>Injected subcutaneously 10 c.c. Trypan-blue 2 per cent. Solution.</i>						
9	" 11	2 p.m.	—	—	10.6	0	0	4.7	5.9	0	0	0
9	" 11	4 p.m.	—	—	—	Not examined.						
10	" 12	10 a.m.	102	—	0.3	—	—	0.3	0	0	0	0
11	" 13	7 a.m.	—	—	—	Dog found dead. Typical piroplasmosis; parasites found in heart, blood, and spleen.						

DOG NO. IV.—TRYPAN-BLUE TREATMENT.

Dog 900. Mongrel, white. 12½ lb.

Day.	Date.	Time.	Temperature.		Red Blood Corp. Infected.	The Infected Red Blood Corpuscles contained Parasites as follows :—						
			M.	E.		P.	O.	D.	P ¹ .	P ² .	OO.	P ³ .
1910.			M.	E.	%	%	%	%	%	%	%	+
—	Feb. 8	10 a.m.	—	—	0.5	0	0	0.3	0.2	0	0	0
—	" 9	10 a.m.	—	—	0.9	0	0	0.5	0.4	0	0	0
—	" 10	10 a.m.	—	—	2.3	0	0	0.8	1.5	0	0	0
—	" 11	10 a.m.	—	—	—	Off feeding; weak; M.M. rather pale.						
—	" 11	12 noon	—	—	—	<i>Injected subcutaneously 7 c.c.m. Trypan-blue 2 per cent. Solution.</i>						

Examination interrupted. Dog still alive.

CONTROL DOG No. II.—EXPERIMENT No. III.

Dog 670. Control dog. 5th October, 1909. *Injected subcutaneously 2 c.c. blood of dog 669.*

Day.	Date.	Time.	Temperature.		Red Blood Corp. Infected.	The Infected Red Blood Corpuscles contained Parasites as follows:—					
			M.	E.		P.	PP.	O.	PPPP.	D.	OOO.
					%	%	%	%	%	%	
5	Oct. 10	10 a.m.	103 ^s	104	>0.1	0	0	>0.1	0	0	0
6	" 11	10 a.m.	103 ^s	103	>0.1	0	0	>0.1	0	0	0
6	" 11	2 p.m.	—	—	0.1	0	0	0.1	0	0	0
6	" 11	4 p.m.	—	—	0.2	0	0.2	0	0	0	0
6	" 11	6 p.m.	—	—	>0.1	0	>0.1	0	0	0	0
6	" 11	8 p.m.	—	—	0.1	0	0.1	0	0	0	0
6	" 11	10 p.m.	—	—	>0.1	0	>0.1	0	0	0	0
7	" 12	9 a.m.	101 ⁶	101 ⁶	1.2	0.4	0.6	0.1	0.1	0	0
7	" 12	2 p.m.	—	—	1.6	0.4	0.3	0.5	0	0.4	0
7	" 12	4 p.m.	—	—	0.1	0	0.1	0	0	0	0
8	" 13	10 a.m.	103	105	1.0	0.6	0.6	0.3	0	0.4	0
9	" 14	10 a.m.	102	102 ⁶	0	0	0	0	0	0	0
10	" 15	10 a.m.	100 ⁸	101	>0.1	0	0	>0.1	0	0	0
11	" 16	10 a.m.	100 ⁶	101	0.3	0.1	0.2	0	0	0	0
12	" 17	10 a.m.	100 ⁴	101 ⁸	1.0	0.2	0.3	0.1	0	0.3	0.1
13	" 18	10 a.m.	101	101	0.2	0.2	0	0	0	0	0
14	" 19	10 a.m.	100	100 ⁶	2.2	0	0.6	1.1	0	0.5	0
15	" 20	10 a.m.	98 ^s	97 ⁶	—	—	—	—	—	—	—
15	" 20	Evening	—	—	—	Dog found dead. Typical piroplasmosis; parasites found in all organs.					

CONTROL DOG No. III.

Dog 731. Pointer. 19th October, 1909. *Injected subcutaneously 2 c.c. blood of dog 673.*

Day.	Date.	Time.	Temperature.		Red Blood Corp. Infected.	The Infected Red Blood Corpuscles contained Parasites as follows:—					
			M.	E.		P.	PP.	O.	D.	PPPP.	OO.
					%	%	%	%	%	%	
7	Oct. 26	10 a.m.	103	104 ²	>0.1	0	>0.1	0	0	0	0
8	" 27	10 a.m.	102 ⁴	102	0.8	0.1	0.2	0.3	0.2	0	0
9	" 28	10 a.m.	103 ^s	101 ⁶	0.6	0.1	0.3	0	0.2	0	0
10	" 29	10 a.m.	101 ⁴	103 ⁴	13.4	1.0	1.8	1.2	6.8	0.2	0.4
11	" 30	10 a.m.	100 ⁶	101	2.8	0.2	0.6	0.6	1.2	0	0.2
12	" 31	10 a.m.	100	100 ⁶	0	0	0	0	0	0	0
13	Nov. 1	10 a.m.	101 ⁸	101 ⁶	>0.1	0	0	0	>0.1	0	0
14	" 2	10 a.m.	101	101 ⁶	>0.1	0	0	>0.1	0	0	0
15	" 3	10 a.m.	102	101 ⁶	>0.1	0	>0.1	0	0	0	0
16	" 4	10 a.m.	101 ⁴	103	>0.1	>0.1	0	0	0	0	0
17	" 5	10 a.m.	102 ⁴	102	0	0	0	0	0	0	0
18	" 6	10 a.m.	101	104	>0.1	0	>0.1	0	0	0	0
19	" 7	10 a.m.	102	102	>0.1	>0.1	0	0	0	0	0
20	" 8	10 a.m.	101	103	0	0	0	0	0	0	0
21	" 9	10 a.m.	102 ²	104 ²	>0.1	0	>0.1	0	0	0	0
22	" 10	10 a.m.	104	103 ²	0.1	0	0	>0.1	0	0	0
23	" 11	10 a.m.	102 ⁶	102 ²	>0.1	0	0	>0.1	0	0	0
24	" 12	10 a.m.	103 ²	103 ⁸	>0.1	0	>0.1	0	0	0	0
25	" 13	10 a.m.	103	104 ⁸	0.2	0	0	0	0.1	0.1	0
26	" 14	10 a.m.	100 ²	101 ⁴	>0.1	>0.1	>0.1	0	0	0	0
27	" 15	10 a.m.	99 ^s	100 ⁴	>0.1	>0.1	0	0	0	0	0
28	" 16	10 a.m.	100 ⁸	101	0	0	0	0	0	0	0
29	" 17	10 a.m.	101 ²	102	>0.1	0	0	0	>0.1	0	0
30	" 18	10 a.m.	101 ²	102	>0.1	0	0	>0.1	0	0	0
31	" 19	10 a.m.	101	100	>0.1	0	>0.1	0	0	0	0
32	" 20	10 a.m.	100 ⁶	101 ²	0	0	0	0	0	0	0
33	" 21	10 a.m.	99	101	0	0	0	0	0	0	0
34	" 22	10 a.m.	102 ²	102	>1.1	0	>0.1	0	0	0	0
35	" 23	10 a.m.	101 ⁶	102	0	0	0	0	0	0	0
36	" 24	10 a.m.	101 ⁴	101 ⁸	0	0	0	0	0	0	0
37	" 25	10 a.m.	100 ⁴	100	0	0	0	0	0	0	0
38	" 26	10 a.m.	103	103	0	0	0	0	0	0	0
39	" 27	10 a.m.	101	100 ⁶	—	—	—	—	—	—	—
40	" 28	10 a.m.	101 ⁴	101 ⁶	0	0	0	0	0	0	0

Day.	Date.	Time.	Temperature.		Red Blood Corp. Infected.	The Infected Red Blood Corpuscles contained Parasites as follows :—					
			M.	E.		P. %	PP. %	O. %	D. %	PPPP. %	OO. %
1909.											
41	Nov. 29	10 a.m.	100 ⁴	102 ⁶	—						
42	" 30	10 a.m.	100	102 ²	0	0	0	0	0	0	0
43	Dec. 1	10 a.m.	101	101	0	0	0	0	0	0	0
44	" 2	10 a.m.	100 ⁴	102	—						
45	" 3	10 a.m.	101	101 ⁶	—						
46	" 4	10 a.m.	101 ²	101 ⁶	>0.1	0	0	0	0	0	0
47	" 5	10 a.m.	100 ⁶	101 ⁴	—						
48	" 6	10 a.m.	100 ⁴	101	—						
49	" 7	10 a.m.	100 ⁸	101	0	0	0	0	0	0	0
50	" 8	10 a.m.	101 ⁴	102	—						
51	" 9	10 a.m.	100 ²	102 ³	—						
52	" 10	10 a.m.	101 ⁴	—	>0.1	0	0	0	0	0	0
53	" 11	10 a.m.	—	—	—						
54	" 12	10 a.m.	—	—	—						
55	" 13	10 a.m.	101 ⁶	—	0	0	0	0	0	0	0
56	" 14	10 a.m.	—	—	—						
57	" 15	10 a.m.	101 ⁶	—	0	0	0	0	0	0	0
58	" 16	10 a.m.	—	—	—						
59	" 17	10 a.m.	—	—	—						
60	" 18	10 a.m.	100 ⁴	—	0	0	0	0	0	0	0
61	" 19	10 a.m.	—	—	—						
62	" 20	10 a.m.	—	—	—						
63	" 21	10 a.m.	100 ⁶	—	0	0	0	0	0	0	0
64	" 22	10 a.m.	—	—	—						
65	" 23	10 a.m.	—	—	—						
66	" 24	10 a.m.	100 ⁸	—	0	0	0	0	0	0	0
67	" 25	10 a.m.	—	—	—						
68	" 26	10 a.m.	—	—	—						
69	" 27	10 a.m.	101 ⁴	—	0	0	0	0	0	0	0
70	" 28	10 a.m.	—	—	—						
71	" 29	10 a.m.	—	—	—						
72	" 30	10 a.m.	102	—	0	0	0	0	0	0	0
73	" 31	10 a.m.	—	—	—						
1910.											
74	Jan. 1	10 a.m.	—	—	—						
75	" 2	10 a.m.	101 ⁸	—	0	0	0	0	0	0	0
76	" 3	10 a.m.	—	—	—						
77	" 4	10 a.m.	—	—	—						
78	" 5	10 a.m.	101 ⁸	—	0	0	0	0	0	0	0
79	" 6	10 a.m.	—	—	—						
80	" 7	10 a.m.	—	—	—						
81	" 8	10 a.m.	100 ⁶	—	0	0	0	0	0	0	0
82	" 9	10 a.m.	—	—	—						
83	" 10	10 a.m.	—	—	—						
84	" 11	10 a.m.	102 ⁴	—	0	0	0	0	0	0	0
85	" 12	10 a.m.	—	—	—						
86	" 13	10 a.m.	—	—	—						
87	" 14	10 a.m.	103	—	—						

CONTROL DOG NO. IV.

Dog 753. 19th October, 1909. *Injected subcutaneously 2 c.c. blood of dog 673.*

Day.	Date.	Time.	Temperature.		Red Blood Corp. Infected.	The Infected Red Blood Corpuscles contained Parasites as follows :—					
			M.	E.		P. %	PP. %	O. %	D. %	PPPP. %	OO. %
7	Oct. 26	10 a.m.	103 ⁴	100 ⁴	0.4	0.1	0.1	0.1	0.1	0	0
8	" 27	10 a.m.	104	104 ⁴	0.9	0	0.3	0.2	0.3	0.1	0
9	" 28	10 a.m.	104	104 ²	0.1	0	0.1	0	0	0	0
10	" 29	10 a.m.	105	102 ⁸	1.6	0.1	0.4	0.2	0.7	0.2	0
11	" 30	10 a.m.	103 ⁴	103	0.3	0	0.1	0	0.1	0	0.1
12	" 31	10 a.m.	102	102 ²	9.0	0.8	2.4	1.2	4.4	0.2	0
13	Nov. 1	—	—	—	—						

* Dog found dead. Nephritis chronica; ordinary post-mortem lesions; spleen enlarged, $18\frac{1}{2} \times 4\frac{1}{2}$ cm.

CONTROL DOG NO. V.

Dog 680. Mongrel, good condition. 1st November, 1909. *Injected subcutaneously*
2 c.c. blood of dog 740.

Day.	Date.	Time.	Tempera- ture.		Red Blood Corp. In- fected.	The Infected Red Blood Corpuscles contained Parasites as follows:—							
			M.	E.		P.	PP.	R.	D.	PPPP.	O ² .	O ³ .	
1909.						%	%	%	%	%	%	%	%
4	Nov.	5	10 a.m.	100	104 ⁴	0	0	0	0	0	0	0	0
5	"	6	10 a.m.	102	101	0	0	0	0	0	0	0	0
6	"	7	10 a.m.	100	102 ²	0	0	0	0	0	0	0	0
7	"	8	10 a.m.	99 ⁸	101 ⁶	0	0	0	0	0	0	0	0
8	"	9	10 a.m.	101	104 ⁴	0.1	0	0.1	0	0	0	0	0
9	"	10	10 a.m.	102 ⁶	104 ⁴	0.7	0.3	0.1	0	0.3	0	0	0
10	"	11	10 a.m.	105 ²	104 ⁶	2.8	0.4	0.8	0	1.6	0	0	0
11	"	12	10 a.m.	103 ²	104 ⁸	9.2	0.6	2.8	2.4	2.8	0.2	0.2	0.2
12	"	13	10 a.m.	103 ⁴	102 ⁸	3.9	0.2	1.0	1.3	1.3	0.1	0	0
13	"	14	10 a.m.	103	101	0.2	0	0.1	0	0.1	0	0	0
14	"	15	10 a.m.	101	102	0.2	0	0	0.1	0.1	0	0	0
15	"	16	10 a.m.	101 ²	100 ⁴	>0.1	0	0	0	0	0	0	0
16	"	17	10 a.m.	100	101 ⁴	>0.1	0	0	0	0	0	0	0
17	"	18	10 a.m.	100	102	>0.1	0	0	0	0	0	0	0
18	"	19	10 a.m.	101	104	0	0	0	0	0	0	0	0
19	"	20	10 a.m.	102	102 ⁴	0	0	0	0	0	0	0	0
20	"	21	10 a.m.	101 ⁶	102	0	0	0	0	0	0	0	0
21	"	22	10 a.m.	102 ⁶	102 ⁶	0	0	0	0	0	0	0	0
22	"	23	10 a.m.	101 ⁴	102 ²	>0.1	0	0	0	0	0	0	0
23	"	24	10 a.m.	102 ⁶	101 ⁴	0	0	0	0	0	0	0	0
24	"	25	10 a.m.	100 ²	100	0	0	0	0	0	0	0	0
25	"	26	10 a.m.	101	101 ⁴	0	0	0	0	0	0	0	0
26	"	27	10 a.m.	102	100	—							
27	"	28	10 a.m.	103	103	0	0	0	0	0	0	0	0
28	"	29	10 a.m.	102	104	—							
29	"	30	10 a.m.	102 ⁴	102	0	0	0	0	0	0	0	0
30	Dec.	1	10 a.m.	102	103	>0.1	0	0	0	0	0	0	0
31	"	2	10 a.m.	103	103 ⁸	0	0	0	0	0	0	0	0
32	"	3	10 a.m.	103	103 ⁸	—							

The Infected Red Blood Corpuscles
contained Parasites as follows:—

	P.	PP.	R.	D.	PPPP.	R.R.
33	"	4	10 a.m.	102 ⁴	103	—
34	"	5	10 a.m.	102 ²	103 ³	>0.1
35	"	6	10 a.m.	103	103	—
36	"	7	10 a.m.	101 ⁸	103	0
37	"	8	10 a.m.	102 ⁶	105	—
38	"	9	10 a.m.	102	102 ⁶	0
39	"	10	10 a.m.	—	—	—
40	"	11	10 a.m.	102 ²	—	0
41	"	12	10 a.m.	—	—	—
42	"	13	10 a.m.	—	—	—
43	"	14	10 a.m.	101 ⁶	—	>0.1
44	"	15	10 a.m.	—	—	—
45	"	16	10 a.m.	—	—	—
46	"	17	10 a.m.	101 ⁸	—	0
47	"	18	10 a.m.	—	—	—
48	"	19	10 a.m.	—	—	—
49	"	20	10 a.m.	101 ⁶	—	0
50	"	21	10 a.m.	—	—	—
51	"	22	10 a.m.	—	—	—
52	"	23	10 a.m.	104 ²	—	>0.1
53	"	24	10 a.m.	103	—	0
54	"	25	10 a.m.	—	—	—
55	"	26	10 a.m.	—	—	0
56	"	27	10 a.m.	103	—	0
57	"	28	10 a.m.	—	—	—

Day.	Date.	Time.	Tempera- ture. °		Red Blood Corp. In- fected. %	The Infected Red Blood Corpuscles contained Parasites as follows :—					
			M.	E.		P. %	PP. %	R. %	D. %	PPPP. %	RR. %
1909.											
58	Dec. 29	10 a.m.	—	—	—	—	—	—	—	—	—
59	" 30	10 a.m.	100 ^s	—	0	0	0	0	0	0	0
60	" 31	10 a.m.	—	—	—	—	—	—	—	—	—
1910.											
61	Jan. 1	10 a.m.	—	—	—	—	—	—	—	—	—
62	" 2	10 a.m.	100 ^s	—	>0.1	0	0	0	0	0	0
63	" 3	10 a.m.	—	103 ^s	—	<i>Exposure experiment.</i>					
64	" 4	10 a.m.	101 ⁴	101 ⁴	—	—	—	—	—	—	—
65	" 5	10 a.m.	101 ³	—	>0.1	0	0	0	0	0	0
66	" 6	10 a.m.	—	—	—	—	—	—	—	—	—
67	" 7	10 a.m.	100 ⁴	101	—	—	—	—	—	—	—
68	" 8	10 a.m.	101 ⁶	103 ²	0	0	0	0	0	0	0
69	" 9	10 a.m.	101	101	—	—	—	—	—	—	—
70	" 10	10 a.m.	102	101 ⁶	—	—	—	—	—	—	—
71	" 11	10 a.m.	101	101 ⁴	0	0	0	0	0	0	0
72	" 12	10 a.m.	101 ⁴	102	—	—	—	—	—	—	—
73	" 13	10 a.m.	101 ⁴	102 ⁴	—	—	—	—	—	—	—
—	" 30	10 a.m.	101 ⁶	101 ⁸	0	0	0	0	0	0	0
—	Feb. 2	10 a.m.	101	101 ⁶	0	0	0	0	0	0	0
—	" 5	10 a.m.	101 ⁸	102 ⁴	0.001	0	0.001	0	0	0	0

CONTROL DOG NO. VI.

Dog 834. Big pomeranian-mongrel. 16th November, 1909. *Injected subcutaneously 2 c.c. blood of dog 680.*

Day.	Date.	Time.	Tempera- ture. °		Red Blood Corp. In- fected. %	The Infected Red Blood Corpuscles contained Parasites as follows :—					
			M.	E.		P. %	PP. %	R. %	D. %	PPPP. %	RR. %
1909.											
10	Nov. 26	10 a.m.	103 ³	102	1.0	0.1	0.3	0.2	0.3	0.1	0
11	" 27	10 a.m.	104 ²	105 ²	0.1	0	0	0.1	0	0	0
12	" 28	10 a.m.	103	100 ⁶	>0.1	0	0	0	0	0	0
13	" 29	10 a.m.	103	100	0	0	0	0	0	0	0
14	" 30	10 a.m.	101	101 ⁴	0	0	0	0	0	0	0
15	Dec. 1	10 a.m.	101 ⁸	100	—	—	—	—	—	—	—
16	" 2	10 a.m.	100	101	0	0	0	0	0	0	0
17	" 3	10 a.m.	102 ⁴	100 ⁸	—	—	—	—	—	—	—
18	" 4	10 a.m.	101	101 ⁴	0	0	0	0	0	0	0
19	" 5	10 a.m.	101 ⁴	101 ⁸	—	—	—	—	—	—	—
20	" 6	10 a.m.	100 ²	102 ²	0	0	0	0	0	0	0
21	" 7	10 a.m.	99 ⁶	100 ⁸	—	—	—	—	—	—	—
22	" 8	10 a.m.	100 ⁴	102	—	—	—	—	—	—	—
23	" 9	10 a.m.	100 ⁶	101	0	0	0	0	0	0	0
24	" 10	10 a.m.	101 ⁶	101 ⁶	—	—	—	—	—	—	—
25	" 11	10 a.m.	101 ⁸	101	0	0	0	0	0	0	0
26	" 12	10 a.m.	100	101	0	0	0	0	0	0	0
27	" 13	10 a.m.	100	102 ⁶	0	0	0	0	0	0	0
28	" 14	10 a.m.	100 ⁴	102 ⁶	0	0	0	0	0	0	0
29	" 15	10 a.m.	101 ⁶	102 ²	0	0	0	0	0	0	0
30	" 16	10 a.m.	101 ⁶	101	0	0	0	0	0	0	0
31	" 17	10 a.m.	100 ⁶	100 ²	0	0	0	0	0	0	0
32	" 18	10 a.m.	100	103 ⁴	0	0	0	0	0	0	0
33	" 19	10 a.m.	100 ⁴	102	0	0	0	0	0	0	0
34	" 20	10 a.m.	100 ⁶	102	0	0	0	0	0	0	0
35	" 21	10 a.m.	100 ⁸	101	0	0	0	0	0	0	0
36	" 22	10 a.m.	100 ⁴	100 ⁸	0	0	0	0	0	0	0
37	" 23	10 a.m.	101	101	0	0	0	0	0	0	0
38	" 24	10 a.m.	101 ⁴	101 ⁶	0	0	0	0	0	0	0
39	" 25	10 a.m.	101	102	—	—	—	—	—	—	—
40	" 26	10 a.m.	101	101	—	—	—	—	—	—	—

Day.	Date.	Time.	Tempera- ture.		Red Blood Corp. In- fected. %	The Infected Red Blood Corpuscles contained Parasites as follows:—					
			M.	E.		P. %	PP. %	R. %	D. %	PPPP. %	RR. %
	1909.										
41	Dec. 27	10 a.m.	101 ⁸	101 ⁸	—						
42	" 28	10 a.m.	101 ⁸	102 ²	0	0	0	0	0	0	0
43	" 29	10 a.m.	101	101 ⁴	—						
44	" 30	10 a.m.	100 ²	101 ⁴	0	0	0	0	0	0	0
45	" 31	10 a.m.	100 ⁸	101 ⁶	—						
	1910.										
46	Jan. 1	10 a.m.	101 ²	103 ⁴	—						
47	" 2	10 a.m.	102	101 ⁶	0	0	0	0	0	0	0
48	" 3	10 a.m.	101 ²	101 ²	—						
49	" 4	10 a.m.	100 ⁶	102 ²	—						
50	" 5	10 a.m.	100 ²	102 ²	0	0	0	0	0	0	0
51	" 6	10 a.m.	100	103	—						
52	" 7	10 a.m.	100 ⁸	102	—						
53	" 8	10 a.m.	100 ⁶	101 ⁴	0	0	0	0	0	0	0
54	" 9	10 a.m.	100 ⁸	100 ⁶	—						
55	" 10	10 a.m.	101 ⁴	103	—						
56	" 11	10 a.m.	101 ²	102 ²	0	0	0	0	0	0	0
57	" 12	10 a.m.	102	103	—						
58	" 13	10 a.m.	102 ⁴	100 ⁴	—						

ONDERSTEPSPOORT STRAIN I.

DOG No. XXI.—TRYPAN-RED TREATMENT: Two Injections of 1 per cent. Trypan-red.
Recovered. (Clinical Case.)

Dog. (*Mr. Taylor, I.*) Pointer puppy; six months' old.

Day.	Date.	Time.	Tempera- ture.		Red Blood Corp. In- fected. %	
			M.	E.		
	1909.					
—	Nov. 16	10 a.m.	—	—	>0.1	Dull; M.M. pale; rather sick.
—	" 16	12 noon	—	—	—	<i>Injected 10 c.c. Trypan-red 2 per cent. Solution at several places (left side).</i>
—	" 16	3 p.m.	—	—	>0.1	
—	" 17	10 a.m.	—	—	>0.1	
—	" 17	4 p.m.	—	—	—	<i>Injection of 10 c.c. Trypan-red 2 per cent. Solution at several places (right side).</i>
—	" 18	10 a.m.	—	—	0	
—	" 19	10 a.m.	—	—	0	
—	" 20	10 a.m.	—	—	0	
—	" 21	10 a.m.	—	—	0	
—	" 22	10 a.m.	—	—	>0.1	
—	" 23	10 a.m.	—	—	>0.1	
—	" 24	10 a.m.	—	—	0	
—	" 25	10 a.m.	—	—	>0.1	
—	" 26	10 a.m.	—	—	0	
—	" 27	10 a.m.	—	—	>0.1	
—	" 28	10 a.m.	—	—	0	
—	" 29	10 a.m.	—	—	>0.1	
—	" 30	10 a.m.	—	—	>0.1	
—	Dec. 1	10 a.m.	—	—	0	
—	" 2	10 a.m.	—	—	0	
—	" 3	10 a.m.	—	—	0	
—	" 4	10 a.m.	—	—	0	
—	" 5	10 a.m.	—	—	0	
—	" 6	10 a.m.	—	—	0	
—	" 7	10 a.m.	—	—	0	
—	" 8	10 a.m.	—	—	0	Discharged.

DOG No. XVIII.—TRYPAN-RED TREATMENT: One Injection of 2 per cent. Solution of Trypan-red.

Dog 795. Fox terrier; twelve months old; 13 lb. 16th November, 1909. *Injected 2 c.c. defibrinated blood of dead dog (Mr. Taylor).*

Day.	Date.	Time.	Tempera- ture.		Red Blood Corp. In- fected.	The Infected Red Blood Corpuscles contained Parasites as follows:—					
			M.	E.		P.	PP.	P.	D.	PPPP.	R.R.
	1909.				%	%	%	%	%	%	%
10	Nov. 26	10 a.m.	104	104	0.2	0	0.2	0	0	0	0
11	" 27	10 a.m.	104 ^e	105	1.1	0	0.2	0.5	0.2	0.2	0
11	" 27	11 a.m.	<i>Injected subcutaneously 10 c.c. Trypan-red 1 per cent. Solution. (Dog dull; M.M. slight pale.)</i>								
12	" 28	10 a.m.	103 ^e	102 ^e	0	0	0	0	0	0	0
13	" 29	10 a.m.	101 ^d	102	>0.1	0	0	0	0	0	0
14	" 30	—	Dog found dead. Acute piroplasmosis; urine contains blood and a considerable amount of bile; spleen enlarged: $12\frac{1}{2} \times 4\frac{1}{2}$; all organs dark reddish.								

DOG No. XIX.—TRYPAN-RED TREATMENT: One Injection of 2 per cent. Trypan-red Solution.

Dog 799. Mongrel; good condition; 10 lb. 16th November, 1909. *Injected 2 c.c. defibrinated blood of dead dog (Mr. Taylor).*

Day.	Date.	Time.	Tempera- ture.		Red Blood Corp. In- fected.	The Infected Red Blood Corpuscles contained Parasites as follows:—					
			M.	E.		P.	PP.	R.	D.	PPPP.	R.R.
	1909.				%	%	%	%	%	%	%
8	Nov. 24	10 a.m.	101 ^d	101 ^d	0	0	0	0	0	0	0
9	" 25	10 a.m.	102 ^e	103 ^e	>0.1	0	0	0	0	0	0
10	" 26	10 a.m.	104 ^d	103	0.5	0.1	0	0.1	0.2	0.1	0
11	" 27	10 a.m.	104	101 ^e	0.3	0.1	0	0	0.1	0.1	0
11	" 27	11 a.m.	<i>Injected subcutaneously 10 c.c. Trypan-red 2 per cent. Solution.</i>								
12	" 28	10 a.m.	103	103 ^d	0	0	0	0	0	0	0
13	" 29	10 a.m.	101	100 ^d	0	0	0	0	0	0	0
14	" 30	10 a.m.	103	101 ^d	0	0	0	0	0	0	0
15	Dec. 1	10 a.m.	99 ^e	100	0	0	0	0	0	0	0
16	" 2	10 a.m.	100	102 ^d	0	0	0	0	0	0	0
17	" 3	10 a.m.	101 ^e	102 ^e	0	0	0	0	0	0	0
18	" 4	10 a.m.	99 ^e	101 ^e	0	0	0	0	0	0	0
19	" 5	10 a.m.	100 ^e	102 ^d	0	0	0	0	0	0	0
20	" 6	10 a.m.	100	102 ^e	0	0	0	0	0	0	0
21	" 7	10 a.m.	101 ^e	100	>0.1	0	0	0	0	0	0
22	" 8	10 a.m.	—	104	0	0	0	0	0	0	0
23	" 9	10 a.m.	101	104 ^e	0	0	0	0	0	0	0
24	" 10	10 a.m.	104	104 ^e	0	0	0	0	0	0	0
25	" 11	10 a.m.	103	*	>0.1	0	0	0	0	0	0
25	" 11	—	Dog found dead. Typical piroplasmosis; parasites found in the heart blood; sign of anaemia.								

DOG No. XX.—TRYPAN-RED TREATMENT: One Injection of a 2 per cent. Solution of Trypan-red.

Dog 786. Mongrel; fourteen months old. 16th November, 1909. *Injected 2 c.c. defibrinated blood of dead dog (Mr. Taylor).*

Day.	Date.	Time.	Tempera- ture.		Red Blood Corp. In- fected.	The Infected Red Blood Corpuscles contained Parasites as follows:—					
			M.	E.		P.	PP.	R.	D.	PPPP.	OO.
	1909.				%	%	%	%	%	%	%
9	Nov. 25	10 a.m.	101	102	0	0	0	0	0	0	0
10	" 26	10 a.m.	100 ^e	103	0	0	0	0	0	0	0
11	" 27	10 a.m.	102	105	0.1	0	0.1	0	0	0	0
11	" 27	11 a.m.	<i>Injected subcutaneously 7 c.c. Trypan-red 2 per cent. Solution.</i>								

Day.	Date.	Time.	Temperature.		Red Blood Corp. Infected.	The Infected Red Blood Corpuscles contained Parasites as follows:—						
			M.	E.		P.	PP.	R.	D.	PPPP.	OO.	
	1909.				%	%	%	%	%	%	%	%
12	Nov. 28	10 a.m.	105 ²	101 ⁶	0	0	0	0	0	0	0	0
13	" 29	10 a.m.	103	102	0	0	0	0	0	0	0	0
14	" 30	10 a.m.	102 ⁶	102 ⁶	>0.1	0	0	0	0	0	0	0
15	Dec. 1	10 a.m.	101 ²	102 ³	0	0	0	0	0	0	0	0
16	" 2	10 a.m.	103	101 ²	>0.1	0	0	0	0	0	0	0
17	" 3	10 a.m.	102	102 ³	0.2	0	0.1	0.1	0	0	0	0
18	" 4	10 a.m.	99	—	1.0	0.1	0.1	0.4	0.2	0.3	0	0
19	" 5	—	—	—	—	Dog found dead. Typical piroplasmosis; parasites found in all organs; organs slightly reddish.						

CONTROL DOG NO. VII.

Dog 794. Dachshund; fair condition. 16th November, 1909. *Injected 2 c.c. defibrinated blood of dead dog (Mr. Taylor).*

Day.	Date.	Time.	Temperature.		Red Blood Corp. Infected.	The Infected Red Blood Corpuscles contained Parasites as follows:—							
			M.	E.		P.	PP.	R.	D.	PPPP.	RR.	P ^s .	
	1909.				%	%	%	%	%	%	%	%	
6	Nov. 22	10 a.m.	101 ⁴	101 ⁶	0	0	0	0	0	0	0	0	
7	" 23	10 a.m.	99 ⁶	102	—	—	—	—	—	—	—	—	
8	" 24	10 a.m.	101 ⁶	101 ⁶	—	—	—	—	—	—	—	—	
9	" 25	10 a.m.	101	103	—	—	—	—	—	—	—	—	
10	" 26	10 a.m.	101 ⁶	103	—	—	—	—	—	—	—	—	
11	" 27	10 a.m.	104 ⁴	102 ⁶	0.3	0	0.2	0.1	0	0	0	0	
12	" 28	10 a.m.	104	104 ⁶	0.2	0	0.1	0.1	0	0	0	0	
13	" 29	10 a.m.	104	105 ⁶	0.5	0.1	0.3	0.1	0	0	0	0	
14	" 30	10 a.m.	101	102 ²	1.5	0.3	0.8	0.1	0.2	0.1	0	0	
15	Dec. 1	10 a.m.	100	103 ²	0.5	0	0.2	0.2	0	0.1	0	0	
16	" 2	10 a.m.	102	105	0.1	0	0.1	0	0	0	0	0	
17	" 3	10 a.m.	103	104 ⁶	>0.1	0	0	0	0	0	0	0	
18	" 4	10 a.m.	103 ²	104 ²	4.4	1.2	1.2	0.4	1.2	0.4	0	0	
19	" 5	10 a.m.	103	101 ⁶	5.2	0	2.4	0.8	1.2	0.4	0	0.4	
20	" 6	10 a.m.	*	—	—	* Dog found dead.							

ONDERSTEEPOORT STRAIN II.

DOG NO. XXI.—TRYPAN-RED TREATMENT: One Injection of 20 per cent. Trypan-red Solution.

(Recovered.)

Dog Percy (Taylor II). 29th August, 1909. *Injected subcutaneously 2 c.c. blood Dr. Woodhead's dog.* Dog very sick; pale; haemoglobinuria.

Day.	Date.	Time.	Temperature.		Red Blood Corp. Infected.	The Infected Red Blood Corpuscles contained Parasites as follows:—						
			M.	E.		P.	PP.	R.	D.	PPPP.	OO.	
	1909.				%	%	%	%	%	%	%	%
—	Nov. 26	10 a.m.	—	—	>0.1	0	0	0	0	0	0	0
—	" 27	10 a.m.	—	—	>0.1	0	0	0	0	0	0	0
—	" 27	11 a.m.	—	—	—	<i>Injected subcutaneously 10 c.c. Trypan-red Solution 2 per cent.</i>						
—	" 28	10 a.m.	—	—	0	0	0	0	0	0	0	0
—	" 29	10 a.m.	—	—	0	0	0	0	0	0	0	0
—	" 30	10 a.m.	—	—	>0.1	0	0	0	0	0	0	0
—	Dec. 1	10 a.m.	—	—	0	0	0	0	0	0	0	0
—	" 2	10 a.m.	—	—	0	0	0	0	0	0	0	0
—	" 3	10 a.m.	—	—	0.1	0.1	0	0	0	0	0	0
—	" 4	10 a.m.	—	—	>0.1	0	0	0	0	0	0	0
—	" 5	10 a.m.	—	—	>0.1	0	0	0	0	0	0	0
—	" 6	10 a.m.	—	—	>0.1	0	0	0	0	0	0	0
—	" 7	10 a.m.	—	—	0	0	0	0	0	0	0	0
—	" 8	10 a.m.	—	—	0	0	0	0	0	0	0	0

Discharged.

DOG No. XXIII.—TRYPAN-RED TREATMENT: One injection of 2 per cent. Trypan-red.

Dog 840. Fox terrier; eighteen months old; 11.5 lb. 16th November, 1909. *Injected 2 c.c. defibrinated blood of dead dog (Mr. Taylor).*

Day.	Date.	Time.	Tempera- ture.		Red Blood Corp. In- fected.	The Infected Red Blood Corpuscles contained Parasites as follows:—					
			M.	E.		P.	PP.	R.	D.	PPPP.	RR.
					%	%	%	%	%	%	%
10	Nov. 26	10 a.m.	103	105	3.0	0.8	0.7	0.3	1.1	0.1	0
11	" 27	10 a.m.	103	105	0.2	0	0.1	0.1	0	0	0
11	" 27	11 a.m.	—		<i>Injected subcutaneously 15 c.c. Trypan-red 2 per cent. Solution.</i>						
12	" 28	10 a.m.	104	103 ⁶	0	0	0	0	0	0	0
13	" 29	*	—		Dog found dead. Typical piroplasmosis; slight haemoglobinuria; spleen enlarged, $11\frac{1}{2} \times 5$; all organs distinct red injection of the parenchyma.						

DOG No. XXIV.—TRYPAN-RED TREATMENT. One Injection of Trypan-red Solution 2 per cent.

Dog 842. Pointer—mongrel, two years old; 25.5 lb. 16th November, 1909. *Injected 5 c.c. blood of dog (Mr. Taylor).*

Day.	Date.	Time.	Tempera- ture.		Red Blood Corp. In- fected.	The Infected Red Blood Corpuscles contained Parasites as follows:—					
			M.	E.		P.	PP.	R.	D.	PPPP.	RR.
					%	%	%	%	%	%	%
9	Nov. 25	10 a.m.	103 ²	103 ²	1.1	0.3	0.5	0.1	0.2	0	0
10	" 26	10 a.m.	103	101	0.2	0	0.2	0	0	0	0
11	" 27	10 a.m.	99 ²	105	>0.1	0	0	0	0	0	0
11	" 27	11 a.m.	—		<i>Injected subcutaneously 20 c.c. Trypan-red 2 per cent. Solution.</i>						
12	" 28	*	—		Dog dead. Typical piroplasmosis; all organs distinct red injection; urine a considerable amount of bile; no blood. Parasites present in the heart blood.						

DOG No. XXVI.—TRYPAN-RED TREATMENT. One Injection of Trypan-red Solution 2 per cent.

Dog 846. Irish terrier—mongrel, puppy. 25th November, 1909. *Injected subcutaneously 5 c.c. blood of dog 842.*

Day.	Date.	Time.	Tempera- ture.		Red Blood Corp. In- fected.	The Infected Red Blood Corpuscles contained Parasites as follows:—							
			M.	E.		P.	PP.	R.	D.	PPPP.	RR.	SP.	
					%	%	%	%	%	%	%	%	
5	Nov. 30	10 a.m.	103	103 ²	0.7	0.2	0.1	0.1	0.2	0.1	0	0	
5	" 30	4 p.m.	—		<i>Injected subcutaneously 5 c.c. Trypan-red 2 per cent. Solution.</i>								
6	Dec. 1	10 a.m.	104 ²	103 ⁸	0.2	0	0.1	0	0.1	0	0	0	
7	" 2	10 a.m.	103	104 ²	1.7	0.3	0.8	0	0.6	0	0	0	
8	" 3	10 a.m.	102	102	0.7	0.1	0.2	0.1	0.3	0	0	0	
9	" 4	10 a.m.	102 ⁶	103	0.3	0	0.1	0.1	0.1	0	0	0	
10	" 5	10 a.m.	102 ²	103	0.3	0	0.1	0.1	0.1	0	0	0	
11	" 6	10 a.m.	101 ⁶	102 ²	2.5	0.2	1.2	0	0.8	0.2	0	0.1	
12	" 7	10 a.m.	103 ⁴	103 ²	3.8	0.3	0.7	0.7	2.1	0	0	0	
13	" 8	10 a.m.	103	103	19.6	1.6	4.4	4.8	8.4	0	0	0.4	
14	" 9	10 a.m.	100 ⁸	*	13.5	1.0	3.8	3.5	4.2	0.1	0	0	
14	" 9	10 a.m.	—		Dog found dead. Typical piroplasmosis; parasites in all organs; very slight reddish injection of all the serous membranes.								

DOG NO. XXVII.—TRYPAN-RED TREATMENT. One Injection of Trypan-red Solution.

Dog 848. Mongrel, puppy. 25th November, 1909. *Injected subcutaneously 5 c.c. blood of dog 842.*

Day.	Date.	Time.	Temperature.		Red Blood Corp. Infected.	The Infected Red Blood Corpuscles contained Parasites as follows:—						
			M.	E.		P.	PP.	R.	D.	PPPP.	RR.	6P.
1909.			M.	E.	%	%	%	%	%	%	%	%
5	Nov. 30	10 a.m.	104 ^s	103 ^s	0.2	0	0.1	0.1	0	0	0	0
5	" 30	4 p.m.	—	—	—	<i>Injected subcutaneously 5 c.c. Trypan-red 2 per cent. Solution.</i>						
6	Dec. 1	10 a.m.	106	106	0.7	0	0.2	0.1	0.4	0	0	0
7	" 2	10 a.m.	104	102	0.1	0	0.1	0	0	0	0	0
8	" 3	10 a.m.	103	103 ^s	1.4	0.1	0.5	0	0.8	0	0	0
9	" 4	10 a.m.	103 ²	103 ⁶	1.8	0.2	0.8	0.2	0.6	0	0	0
10	" 5	10 a.m.	102 ⁶	103 ²	0.2	0	0.1	0	0.1	0	0	0
11	" 6	10 a.m.	102 ⁶	103 ⁴	0.8	0	0.4	0.2	0.1	0.1	0	0
12	" 7	10 a.m.	104	104	0.5	0.2	0.2	0.1	0	0	0	0
13	" 8	10 a.m.	103 ⁶	105	0.8	0.2	0.4	0.2	0	0	0	0
14	" 9	10 a.m.	104	104	0.3	0.1	0.1	0	0.1	0	0	0
15	" 10	10 a.m.	104	103 ²	0.6	0	0	0.1	0.4	0.1	0	0
16	" 11	10 a.m.	103	104	0.8	0.1	0.1	0.2	0.4	0	0	0
17	" 12	10 a.m.	104	104 ⁶	>0.1	0	0	0	0	0	0	0
18	" 13	10 a.m.	105 ⁴	102	>0.1	0	0	0	0	0	0	0
19	" 14	10 a.m.	103	102 ²	>0.1	0	0	0	0	0	0	0
20	" 15	10 a.m.	103 ²	104 ⁶	>0.1	0	0	0	0	0	0	0
21	" 16	10 a.m.	102	101 ⁴	>0.1	0	0	0	0	0	0	0
22	" 17	10 a.m.	101	102	0.6	0.1	0.2	0	0.3	0	0	0
23	" 18	10 a.m.	103 ²	104	0.5	0.1	0.1	0	0.3	0	0	0
24	" 19	10 a.m.	104	104 ⁶	3.9	0.5	1.8	1.1	0.3	0.2	0	0
25	" 20	10 a.m.	102 ²	103 ⁸	3.9	0	1.2	1.4	0.6	0.6	0	0.1
26	" 21	10 a.m.	103	101 ²	3.8	0	2.0	0.6	1.0	0.2	0	0
27	" 22	10 a.m.	101	101 ⁸	4.6	0.2	1.4	0.4	1.4	1.2	0	0
28	" 23	10 a.m.	101	101 ⁸	0	0	0	0	0	0	0	0
29	" 24	10 a.m.	100	100 ²	0	0	0	0	0	0	0	0
30	" 25	10 a.m.	100 ⁴	99	0	0	0	0	0	0	0	0
31	" 26	10 a.m.	99 ⁸	100 ⁸	—	—	—	—	—	—	—	—
32	" 27	10 a.m.	102	104 ⁸	0	0	0	0	0	0	0	0

DOG NO. I.—BRILLIANT-GREEN TREATMENT. One Injection of 5 per cent. Solution.

Dog 845. Puppy. 12.5 lb. 25th November, 1909. *Injected subcutaneously 2 c.c. blood of dog 842.*

Day.	Date.	Time.	Temperature.		Red Blood Corp. Infected.	The Infected Red Blood Corpuscles contained Parasites as follows:—						
			M.	E.		P.	PP.	R.	D.	PPPP.	RR.	
1909.			M.	E.	%	%	%	%	%	%	%	
7	Dec. 2	10 a.m.	101	102 ⁸	0	0	0	0	0	0	0	0
8	" 3	10 a.m.	102 ²	103 ²	>0.1	0	0	0	0	0	0	0
9	" 4	10 a.m.	103	102	>0.1	0	0	0	0	0	0	0
10	" 5	10 a.m.	103	103 ⁴	0.2	0	0.1	0	0	>0.1	0	0
11	" 6	10 a.m.	104 ⁴	103 ⁶	1.4	0.3	0.5	0.3	0.1	0.2	0	0
12	" 7	7 a.m.	104	104	0.6	0.2	0.2	0.2	0	0	0	0
12	" 7	9 a.m.	—	—	0.1	0	0	0.1	0	0	0	0
12	" 7	10 a.m.	—	—	<i>Injected subcutaneously 2 c.c. Brilliant-green 5 per cent. in Phy. Water.</i>							
12	" 7	11 a.m.	—	—	>0.1	0	0	0	0	0	0	0
12	" 7	1 p.m.	—	—	>0.1	0	0	0	0	0	0	0
12	" 7	3 p.m.	—	—	>0.1	0	0	0	0	0	0	0
12	" 7	5 p.m.	—	—	>0.1	0	0	0	0	0	0	0
12	" 7	7 p.m.	—	—	0.1	0	0	0.1	0	0	0	0
12	" 7	9 p.m.	—	—	0.7	0.4	0	0	0.3	0	0	0
						<i>M.M. slight grayish.</i>						
12	" 7	11 p.m.	—	—	0	0	0	0	0	0	0	0
13	" 8	7 a.m.	103	102	>0.1	0	0	0	0	0	0	0
13	" 8	9 a.m.	—	—	0	0	0	0	0	0	0	0
13	" 8	11 a.m.	—	—	0	0	0	0	0	0	0	0
14	" 9	10 a.m.	102	102 ⁶	0	0	0	0	0	0	0	0
15	" 10	10 a.m.	102 ⁴	103 ²	>0.1	0	0	0	0	0	0	0
16	" 11	10 a.m.	104	103 ⁴	>0.1	0	0	0	0	0	0	0
17	" 12	10 a.m.	104	104 ⁸	>0.1	0	0	0	0	0	0	0

Day.	Date.	Time.	Tempera- ture.		Red Blood Corp. In- fected.	The Infected Red Blood Corpuscles contained Parasites as follows :—							
			M.	E.		P.	O.	D.	P ² .	P ⁴ .	OO.	P ⁸ .	P ¹² .
			%	%		%	%	%	%	%	%	%	%
11	1910. Jan. 28	9 a.m.	98 ⁰	—	0	0	0	0	0	0	0	0	0
11	" 28	11 a.m.	97 ⁰	—	0	0	0	0	0	0	0	0	0
12	" 29	10 a.m.	101 ²	102	0	0	0	0	0	0	0	0	0
13	" 30	10 a.m.	101	102	0	0	0	0	0	0	0	0	0
14	" 31	10 a.m.	100 ⁴	101	0	0	0	0	0	0	0	0	0
15	Feb. 1	10 a.m.	102	104 ²	0								
16	" 2	10 a.m.	101 ⁶	102	0								
17	" 3	10 a.m.	101	102	0								
18	" 4	10 a.m.	102 ⁴	103 ⁴	0								
19	" 5	10 a.m.	103	103	0								
20	" 6	10 a.m.	103	104	0								
21	" 7	10 a.m.	103	101 ⁸	0.4	0.1	0	0.1	0.2	0	0	0	0
22	" 8	10 a.m.	101 ⁴	103	0.4	0	0	0.1	0.3	0	0	0	0
23	" 9	10 a.m.	103 ⁶	101 ⁴	0.4	0	0	0.4	0	0	0	0	0
24	" 10	10 a.m.	103	101 ⁶	0.3	0	0	0	0.3	0	0	0	0

Experiment interrupted. Dog still living.

DOG No. II.—TRYPAN-BLUE TREATMENT. One Injection of Trypan-blue.
Dog 878. 17th January, 1910. *Injected subcutaneously 5 c.c. blood of dog 861 (Taylor II).*

Day.	Date.	Time.	Tempera- ture.		Red Blood Corp. In- fected.	The Infected Red Blood Corpuscles contained Parasites as follows :—							
			M.	E.		P.	O.	D.	PP.	P ⁴ .	OO.	P ⁸ .	
			%	%		%	%	%	%	%	%	%	
2	1910. Jan. 19	9 a.m.	101 ⁴	102 ²									
3	" 20	9 a.m.	100 ⁶	103									
4	" 21	9 a.m.	101 ⁸	101 ⁸									
5	" 22	9 a.m.	102	104									
6	" 23	9 a.m.	104 ⁴	105									
7	" 24	10 a.m.	105 ⁶	104 ⁶	2.1	0.8	0	0.2	1.0	0.1	0	0	0
7	" 24	12 noon	105 ⁴	—	Slightly dull.	<i>Injected subcutaneously 4 c.c. 2 per cent. Solution Trypan-blue in Phy. Water.</i>							
7	" 24	2 p.m.	105 ⁸	—	2.7	0.3	0.9	0	1.5	0	0	0	0
7	" 24	2 p.m.	—	—	M.M. and Conj. M. bluish.								
7	" 24	3.30 p.m.	—	—	Strong bluish injection of all M.M.								
7	" 24	4 p.m.	105 ⁷	—	0	0	0	0	0	0	0	0	0
7	" 24	6 p.m.	105 ⁹	—	0.5	0	0.1	0.3	0	0	0	0	0
7	" 24	8 p.m.	106	—	0.6	0	0.3	0.3	0	0	0	0	0
7	" 24	10 p.m.	105 ⁵	—	0.5	0.1	0	0.4	0	0	0	0	0
8	" 25	7 a.m.	104	101 ⁴	0.6	0	0.6	0	0	0	0	0	0
8	" 25	9 a.m.	104 ²	—	0.4	0	0	0.4	0	0	0	0	0
8	" 25	12 noon	103 ⁴	—	Still dull and looks very ill; M.M. dark blue; feeding.								
9	" 26	10 a.m.	101 ⁸	101 ⁴	0.1	0	0	0.1	0	0	0	0	0
10	" 27	10 a.m.	101 ⁴	102 ²	0	0	0	0	0	0	0	0	0
11	" 28	10 a.m.	101	102	0	0	0	0	0	0	0	0	0
12	" 29	10 a.m.	101 ²	101 ⁸	0	0	0	0	0	0	0	0	0
13	" 30	10 a.m.	102	103 ²	0	Bluish colour disappearing.							
14	" 31	10 a.m.	103	102 ⁶	0	0	0	0	0	0	0	0	0
15	Feb. 1	10 a.m.	101 ⁶	102 ⁶	0	0	0	0	0	0	0	0	0
16	" 2	10 a.m.	102	102 ⁸	0.1	0	0	0.1	0	0	0	0	0
17	" 3	10 a.m.	103	105	0.01	0	0	0.01	0	0	0	0	0
18	" 4	10 a.m.	104	101	1.0	0	0	0.2	0.8	0	0	0	0
19	" 5	10 a.m.	102	100 ⁶	0.3	0	0	0.3	0	0	0	0	0
20	" 6	10 a.m.	101	102	3.2	0	0	0.9	2.1	0.2	0	0	0
21	" 7	10 a.m.	104	102 ⁸	0.5	0	0	0.2	0.3	0	0	0	0
22	" 8	10 a.m.	103	104	0.5	0	0	0	0.5	0	0	0	0
23	" 9	10 a.m.	103	102	0.2	0	0	0	0.2	0	0	0	0
24	" 10	10 a.m.	103	104	0.1	0	0	0.1	0	0	0	0	0

Relapse very distinct.

Experiment Interrupted:

18th February, 1910.—Dog found dead; cause of death could not be ascertained, because the carcass was partly eaten up by other dogs.

CONTROL DOG No. 8.

Dog 841. 11.5 lb. 16th November, 1909. *Injected 2 c.c. blood of dog (Mr. Taylor).*

Day.	Date.	Time.	Tempera- ture.		Red Blood Corp. In- fected.	The Infected Red Blood Corpuscles contained Parasites as follows:—						
			M.	E.		P.	PP.	P.	D.	PPPP.	RR.	
			% %		%	%	%	%	%	%	%	
11	Nov. 27	10 a.m.	101 ⁶	103 ⁸	0.2	0	0.1	0.1	0	0	0	
12	„ 28	10 a.m.	102 ⁸	*	10.7	2.0	3.4	2.2	3.0	0	0.1	
12	„ 28	—	—	—	Dog found dead; haemoglobinuria; spleen enlarged, 13½ × 4½ cm.							

CONTROL DOG No. 9.

Dog 847. 25th November, 1909. *Injected subcutaneously 3 c.c. blood of dog 842.*

Day.	Date.	Time.	Tempera- ture.		Red Blood Corp. In- fected.	The Infected Red Blood Corpuscles contained Parasites as follows:—							
			M.	E.		P.	PP.	R.	D.	P ⁴ .	RR.	OPP.	O ⁴ .
			% %		%	%	%	%	%	%	%	%	
5	Nov. 30	10 a.m.	102	102 ⁶	0	0	0	0	0	0	0	0	
6	Dec. 1	10 a.m.	101	103 ⁸	0	0	0	0	0	0	0	0	
7	„ 2	10 a.m.	101 ⁸	103	>0.1	0	0	0	0	0	0	0	
8	„ 3	10 a.m.	100 ⁶	102 ⁶	0	0	0	0	0	0	0	0	
9	„ 4	10 a.m.	100	102 ²	>0.1	0	0	0	0	0	0	0	
10	„ 5	10 a.m.	102	103 ²	>0.1	0	0	0	0	0	0	0	
11	„ 6	10 a.m.	102 ⁶	101 ²	0.3	0.1	0.2	0	0	0	0	0	
12	„ 7	7 a.m.	101 ⁸	101	0.9	0.1	0.4	0.2	0.1	0	0.1	0	
12	„ 7	9 a.m.	—	—	0.9	0.1	0.3	0.2	0.2	0.1	0	0	
12	„ 7	11 a.m.	—	—	1.1	0.3	0.3	0.2	0.2	0	0	0.1	
12	„ 7	1 p.m.	—	—	0.5	0.1	0.1	0.1	0.2	0	0	0	
12	„ 7	3 p.m.	—	—	1.3	0	0.2	0.9	0.2	0	0	0	
12	„ 7	5 p.m.	—	—	12.8	1.2	2.8	6.0	2.8	0	0	0	
12	„ 7	7 p.m.	—	—	1.7	0.2	0.1	0.8	0.6	0	0	0	
12	„ 7	9 p.m.	—	—	19.8	4.0	4.4	6.0	5.2	0	0	0.2	
12	„ 7	11 p.m.	—	—	3.8	0.8	1.0	0.8	1.2	0	0	0	
1 ²	„ 7	midnight	—	—	Dog found dead.								

CONTROL DOG No. 10.

Dog 872. 17th January, 1910. *Injected subcutaneously 5 c.c. blood of dog 861 (Taylor II).*

Day.	Date.	Time.	Tempera- ture.		Red Blood Corp. In- fected.	The Infected Red Blood Corpuscles contained Parasites as follows:—					
			M.	E.		P.	O.	D.	PP.	OO.	PPPP.
			% %		%	%	%	%	%	%	
7	Jan. 24	10 a.m.	102	103	0.3	0.1	0.2	0	0	0	0
8	„ 25	10 a.m.	102 ²	101 ⁸	0.5	0	0	0	0.5	0	0
9	„ 26	10 a.m.	103	102 ²	0.6	0.1	0	0	0.5	0	0
10	„ 27	10 a.m.	103 ²	103 ⁶	7.2	0	0	0	7.0	0	0.2
11	„ 28	10 a.m.	103	101	0.13	0	0	0.13	0	0	0
12	„ 29	10 a.m.	101	102 ⁴	0.3	0	0	0	0.3	0	0
13	„ 30	10 a.m.	*	*	Dog found dead.						

CONTROL DOG No. 11.

Dog 896. 2nd February, 1910. *Injected subcutaneously 2 c.c. blood of dog 876 (Taylor).*

Day.	Date.	Time.	Tempera- ture.		Red Blood Corp. In- fected.	The Infected Red Blood Corpuscles contained Parasites as follows:—						
			M.	E.		P.	O.	D.	PP.	PPPP.	OO.	P ² .
			% %		%	%	%	%	%	%	%	
8	Feb. 10	—	104 ⁸	104	5.4	0	0	2.1	3.2	0.1	0	0
12	„ 15	—	—	—	Dog found dead; typical piroplasmosis.							