

## HISTORY OF PROTOZOAN PARASITES

S. No.	Year	Name of the Scientist	Invention	Remarks
1	1632-1723	Antony Van Leeuwenhoek	Microscope Free living Protozoa	Father of Protozoology
2.	1674	Antony Van Leeuwenhoek	<i>Eimeria stiedai</i>	First protozoan parasite discovered from gall bladder of rabbit
3.	1681	Antony Van Leeuwenhoek	<i>Giardia lamblia</i>	From his own diarrhoeic faeces
4.	1773	C.F. Miller	<i>Trichomonas tenax</i>	Human mouth
5.	1828	Dufour	<i>Gregarines</i>	In intestine of beetle
6.	1837	Donne	<i>T. vaginalis</i>	Human vagina/ urine
7.	1838	Hake	Rediscovered <i>E. stiedai</i>	
8.	1841	Valentin	Trypanosomes	From Blood of Salmon Fish
9.	1842	Gluge & Gruy	Tryps	Frog
10.	1849	Grus	<i>Entamoeba gingivalis</i>	Human mouth
11.	1854	Davaine	<i>Trichomonas</i>	Human stools
12.	1857	Malmsten	<i>B. coli</i>	
13.	1870	Lewis	<i>Entamoeba coli</i>	India
14.	1870	Eimer	Number of <i>Eimeria</i> spp. In different hosts.	
15.	1875	Lesh (Losch)	<i>Entamoeba histolytica</i>	Russia
16.	1878	Lewis	<i>Trypanosoma lewisi</i>	Mammalian & Rat in India
17.	1880	Griffiths Evans	<i>T. evansi</i>	First pathogenic Trypanosome, recorded from India. 22.9.1880 in Horse, 9.10.1880 in Camel
18.	1880	Leveran	Human malaria parasite	Nobel prize, 1907
19.	1882	Lankester	<i>Sarcocystis</i>	
20.	1885	Cunningham	<i>Leishmania tropica</i>	India
21.	1886 & 1889	Golgi	<i>Malaria schizogony</i>	
22.	1888	Babes	<i>Babesia bovis</i>	
23.	1893	Theobald Smith & F.L. Kilborne	<i>B. Bigemina</i>	Transmission by the tick <i>Boophilus annulatus</i> . First proof of arthropod transmitting protozoa.
24.	1895	Bruce	<i>T. brucei</i>	
25.	1895	Theobald Smith	<i>Histomonas meleagridis</i>	Black head in turkey

26.		Bruce	<i>T. brucei</i> life cycle	By Tsetse fly
27.	1897	Schaudinn & Siedlecki	Gamont, gamete and zygotes of coccidian	
28.	1897	MacCallum	<i>Haemoproteus</i>	
29.	1898	Borovsky	Described <i>L. tropica</i> as protozoa	Russia
30.	1898	Schaudinn	Life cycle of Coccidia	
31.	1898	Sir Ronald Ross	Bird malaria <i>P. relictum</i> transmitted by <i>Culex fatigans</i> mosquitoes	House sparrow at Secendrabad I Calcutta
32.	1898	Grassi	<i>P. falciparum</i> , <i>P. vivax</i> transmitted by <i>Anopheles claviger</i>	Italy
33.	1899	Schaudinn	Life cycle of coccidian of some other species	
34.	1902	Dutton	<i>T. gambiense</i>	African sleeping sickness of man, Gambia in Africa
35.	1903	Leishman & Donovan	<i>Leishmania donovani</i>	India
36.	1904	Theiler	<i>Theileria parva</i>	
37.	1904	Dschunkowsky & Luhs	<i>T. annulata</i>	
38.	1905	Koch	KBB (Later Gonder identified as schizonts of <i>T. annulata</i> )	
39.	1906	Koch	<i>B. bigemina</i>	In <i>B. australis</i> & <i>Rh. evertsi</i>
40.	1907	Tyzzler	<i>Cryptosporidium</i>	
41.	1908	Nicolle & Manceaux	<i>Toxoplasma gondii</i>	In a rodent (Gundi)
42.	1908	Splendore	<i>T. gondii</i>	In lad. Rabbit
43.	1909	Chagas	<i>T. cruzi</i>	In man
44.	1910	Stephen & Fanthem	<i>T. rhodesiense</i>	
45.	1922	Tyzzler & Fabian	<i>H. meleagridis</i> transmission	Through the eggs of <i>Heterakis gallinarum</i> , caecal nematode
46.	1929	Tyzzler	Coccidia in gallinaceous bird	
47.	1939	Smith, Halder & Ahmed	Transmission of <i>L. donovani</i> through sand fly, <i>Phlebotomus</i>	
48.	1948	Short & graham	Exoerythrocytic stages of human malaria parasite	
49.	1950	H.N. ray	Stilbamidine test	for diagnosis of latent trypanosomes
50.	1970	Levine	Phylum Apicomplexa	
51.	1970	Hutchison / Frankel	<i>T. gondii</i> life cycle, cat as	Describe oocyst of <i>T.</i>

			D/H	<i>gondii</i> in cat
52.	1972	Fayer, Rommel & Haydron	Two host life cycle of <i>Sarcocystis</i>	
53.	1975	Frankel & Dubey	<i>Hammondia</i>	
54.	1988	Dubey, J.P.	<i>Neospora caninun</i>	Tissue cyst
55.	1999	Lindsay & Dubey	<i>N. caninun</i> life cycle	