

How to quote these Supplementary Materials:

Sylla M., Souris M., Gonzalez J.-P., 2021. Ticks of the genus *Rhipicephalus* Koch, 1844 in Senegal: Review host associations, chorology, and associated human and animal pathogens. Supplementary Materials S1–S10. *Rev. Elev. Med. Vet. Pays Trop.*, 74 (1): 00-00, doi: 10.19182/remvt.36318

Supplementary Material I

Mammalian hosts of *Rhipicephalus (Boophilus) decoloratus* in Senegal.

Number of specimens observed is indicated into brackets for each order of vertebrate host of the mammalian class. The total tick collected is given per order of mammal. The general total gives the number of mammals observed in brackets followed by the total ticks found associated with the different orders listed. Total immature (Im) = Larva + Nymph; total mature (M) = Male + Female.

Host				Stage collected						
Order	Family	Scientific name	Vernacular name	Larva	Nymph	Total immature (Im)	Male	Female	Total mature (M)	Total Im+M
Artiodactyla (125)	Bovidae (125)	<i>Bos taurus</i> (116)	Cattle	0	84	84	369	1894	2263	2347
		<i>Capra hircus</i> (3)	Goat	0	1	1	0	3	3	4
		<i>Ovis aries</i> (6)	Sheep	0	1	1	1	12	13	14
Total	Mammalia, Artiodactyla (125)									2365
Perissodactyla (1)	Equidae (1)	<i>Equus asinus</i> (1)	Donkey	0	0	0	0	2	2	2
Total	Mammalia, Perissodactyla (1)									2
Primates (1)	Hominidae (1)	<i>Homo sapiens</i> (1)	Human	0	0	0	0	1	1	1
Total	Mammalia, Primates (1)									1
General Total	Mammalia (127)									2368

Supplementary Material II

Mammalian hosts of *Rhipicephalus (Boophilus) geigy* in Senegal.

Number of specimens observed is indicated into brackets for each order of vertebrate host of the mammalian class. The total tick collected is given per order of mammal. The general total gives the number of mammals observed in brackets followed by the total ticks found associated with the different orders listed. Total immature (Im) = Larva + Nymph; total mature (M) = Male + Female.

Host				Stage collected						
Order	Family	Scientific name	Vernacular name	Larva	Nymph	Total Immature (Im)	Male	Female	Total Mature (M)	Total (Im+M)
Artiodactyla (73)	Bovidae (73)	<i>Bos taurus</i> (72)	Cattle	0	1	1	93	1625	1718	1719
		<i>Capra hircus</i> (1)	Goat	0	0	0	0	1	1	1
Total	Mammalia, Artiodactyla (73)									1720
Carnivora (1)	Canidae (1)	<i>Canis lupus familiaris</i> (1)	Dog	0	0	0	0	1	1	1
Total	Mammalia, Carnivora (1)									1
General Total (74)	Mammalia									1721

Supplementary Material III

Mammalian hosts of *Rhipicephalus evertsi* in Senegal.

Number of specimens observed is indicated into brackets for each order of vertebrate host of the mammalian class. The total tick collected is given per order of mammal. The general total gives the number of mammals observed in brackets followed by the total ticks found associated with the different orders listed. Total immature (Im) = Larva + Nymph; total mature (M) = Male + Female.

Host				Stage collected						
Order	Family	Scientific name	Vernacular name	Larva	Nymph	Total Immature (Im)	Male	Female	Total Mature (M)	Total Im+M
<i>Capra hircus</i> (20)	Goat	6	0	6	228	139	367	373		
<i>Ovis aries</i> (40)	Sheep	0	1	1	655	197	852	853		
Total	Mammalia, Artiodactyla (166)									1979
Perissodactyla (30)	Equidae (30)	<i>Equus asinus</i> (2)	Donkey	0	0	0	1	5	6	6
		<i>Equus caballus</i> (28)	Horse	0	58	58	361	206	567	625
Total	Mammalia, Perissodactyla (30)									631
General Total	Mammalia (196)									2610

Supplementary Material IV

Mammalian hosts of *Rhipicephalus cuspidatus* in Senegal.

Number of specimens observed is indicated into brackets for each order of vertebrate host of the mammalian class. The total tick collected is given per order of mammal. The general total gives the number of mammals observed in brackets followed by the total ticks found associated with the different orders listed. Total immature (Im) = Larva + Nymph; total mature (M) = Male + Female.

Host				Stage collected						
Order	Family	Scientific name	Vernacular name	Larva	Nymph	Total Immature (Im)	Male	Female	Total Mature (M)	Total Im+M
<i>Capra hircus</i> (1)	Goat	0	0	0	17	3	20	20		
Suidae (23)	<i>Phacochoerus africanus</i> (23)	Common warthog	0	160	160	121	61	182	342	
Total	Mammalia, Artiodactyla (26)									363
Carnivora (3)	Felidae (1)	<i>Felis caracal</i> (1)	Caracal	0	0	0	1	0	1	1
	Herpestidae (1)	<i>Herpestes sanguineus</i> (1)	Black-tailed mongoose	0	2	2	0	0	0	2
	Viverridae (1)	<i>Civettictis civetta</i> (1)	African civet	1	1	2	0	0	0	2
Total	Mammalia, Carnivora (3)									5
Rodentia (1)	Hystricidae (1)	<i>Hystrix cristata</i> (1)	African Porcupine	0	0	0	5	0	5	5
Total	Mammalia, Rodentia (1)									5
Tubilidentata (1)	Oryctoropidae (1)	<i>Orycteropus afer</i> (1)	Ant Bear	0	0	0	103	57	160	160
Total	Mammalia Tubilidentata (1)									160
General Total	Mammalia (31)									533

Supplementary Material V

Mammalian hosts of *Rhipicephalus guilhoni* in Senegal.

Number of specimens observed is indicated into brackets for each order of vertebrate host of the mammalian class. The total tick collected is given per order of mammal. The general total gives the number of mammals observed in brackets followed by the total ticks found associated with the different orders listed. Total immature (Im) = Larva + Nymph; total mature (M) = Male + Female.

Host				Stage collected						
Order	Family	Scientific name	Vernacular name	Larva	Nymph	Total Immature (Im)	Male	Female	Total Mature (M)	Total Im+M
Artiodactyla (88)	Bovidae (86)	<i>Bos Taurus</i> (43)	Cattle	0	0	0	36	58	94	94
		<i>Capra hircus</i> (23)	Goat	0	0	0	117	137	254	254
		<i>Ovis aries</i> (20)	Sheep	0	0	0	454	372	826	826
	Suidae (2)	<i>Phacochoerus africanus</i> (2)	Common warthog	0	0	0	2	2	4	4
Total	Mammalia, Artiodactyla (88)									1178
Carnivora (27)	Canidae (19)	<i>Canis aureus</i> (5)	Golden jackal	0	0	0	7	8	15	15
		<i>Canis lupus familiaris</i> (14)	Dog	0	0	0	13	32	45	45
	Felidae (6)	<i>Felis catus</i> (2)	Cat	0	0	0	1	0	1	1
		<i>Felis lybica</i> (4)	African wildcat	0	0	0	13	5	18	18
	Viverridae (2)	<i>Civettictis civetta</i> (2)	African civet	0	0	0	7	2	9	9
Total	Mammalia, Carnivora (27)									88
Lagomorpha (8)	Leporidae (8)	<i>Lepus microtis</i> (2)	African savannah hare	0	0	0	1	0	1	1
		<i>Lepus crawshayi</i> (6)	Crawshay hare	0	0	0	5	5	10	10
Total	Mammalia, Lagomorpha (8)									11
Perissodactyla (3)	Equidae (3)	<i>Equus asinus</i> (2)	Donkey	0	0	0	8	3	11	11
		<i>Equus caballus</i> (1)	Horse	0	0	0	1	1	2	2
Total	Mammalia, Perissodactyla (3)									13
Primates (6)	Cercopithecidae (1)	<i>Chlorocebus sabaues</i> (1)	Green monkey (vervet)	0	0	0	18	13	31	31
	Hominidae (5)	<i>Homo sapiens</i> (5)	Human	0	0	0	5	2	7	7
Total	Mammalia, Primates (6)									38
Rodentia (1)	Muridae (1)	<i>Mastomys erythroleucus</i> (1)	Guinea multi-mammate mouse	0	0	0	0	1	1	1
Total	Mammalia, Rodentia (1)									1
General Total	Mammalia (133)									1329

Supplementary Material VI

Mammalian hosts of *Rhipicephalus sanguineus* in Senegal.

Number of specimens observed is indicated into brackets for each order of vertebrate host of the mammalian class. The total tick collected is given per order of mammal. The general total gives the number of mammals observed in brackets followed by the total ticks found associated with the different orders listed. Total immature (Im) = Larva + Nymph; total mature (M) = Male + Female.

Host				Stage collected						
Order	Family	Scientific name	Vernacular name	Larva	Nymph	Total Immature (Im)	Male	Female	Total Mature (M)	Total Im+M
Artiodactyla (3)	Bovidae (3)	<i>Bos taurus</i> (1)	Cattle	0	0	0	0	1	1	1
		<i>Capra hircus</i> (1)	Goat	0	0	0	17	8	25	25
		<i>Ovis aries</i> (1)	Sheep	0	0	0	16	4	20	20
Total	Mammalia, Artiodactyla (3)									46
Carnivora (28)	Canidae (28)	<i>Canis aureus</i> (1)	Golden jackal	0	0	0	1	0	1	1
		<i>Canis lupus familiaris</i> (26)	Dog	3	18	21	93	53	146	167
		<i>Vulpes pallida</i> (1)	Pale Fox	0	0	0	1	1	2	2
Total	Mammalia, Carnivora (28)									170
Insectivora (1)	Erinaceidae (1)	<i>Atelerix albiventris</i> (1)	African hedgehog	0	0	0	1	0	1	1
Total	Mammalia, Insectivora (1)									1
Lagomorpha (1)	Leporidae (1)	<i>Lepus microtis</i> (1)	African savannah hare	0	0	0	1	0	1	1
Total	Mammalia, Lagomorpha (1)									1
Primates (2)	Hominidae (2)	<i>Homo sapiens</i> (2)	Human	0	0	0	1	1	2	2
Total	Mammalia, Primates (2)									2
General Total	Mammalia (35)									220

Supplementary Material VII

Mammalian hosts of *Rhipicephalus sulcatus* in Senegal.

Number of specimens observed is indicated into brackets for each order of vertebrate host of the mammalian class. The total tick collected is given per order of mammal. The general total gives the number of mammals observed in brackets followed by the total ticks found associated with the different orders listed. Total immature (Im) = Larva + Nymph; total mature (M) = Male + Female.

Host				Stage collected						
Order	Family	Scientific name	Vernacular name	Larva	Nymph	Total Immature (Im)	Male	Female	Total Mature (M)	Total Im+M
Artiodactyla (74)	Bovidae (72)	<i>Bos Taurus</i> (49)	Cattle	0	1	1	329	263	592	593
		<i>Capra hircus</i> (18)	Goat	0	0	0	32	18	50	50
		<i>Cephalophus rufilatus</i> (1)	Red-flanked duiker	0	0	0	1	6	7	7
		<i>Ourebia ourebi</i> (2)	Oribi	0	0	0	0	2	2	2
		<i>Ovis aries</i> (2)	Sheep	0	0	0	0	2	2	2
	Suidae (2)	<i>Phacochoerus africanus</i> (2)	Common warthog	0	0	0	4	3	7	7
Total	Mammalia, Artiodactyla (74)									661
Carnivora (49)	Canidae (18)	<i>Canis aureus</i> (10)	Golden jackal	0	0	0	84	40	124	124
		<i>Canis lupus familiaris</i> (5)	Dog	0	1	1	4	13	17	18
		<i>Vulpes pallida</i> (3)	Pale Fox	0	0	0	37	27	64	64
	Felidae (9)	<i>Felis catus</i> (1)	Cat	0	0	0	2	0	2	2
		<i>Felis lybica</i> (4)	African wildcat	0	0	0	10	4	14	14
		<i>Felis serval</i> (2)	Serval	0	0	0	2	3	5	5
		<i>Felis silvestris</i> (2)	Wildcat	0	0	0	8	0	8	8
	Herpestidae (10)	<i>Atilax paludinosus</i> (3)	Marsh mongoose	0	0	0	4	6	10	10
		<i>Herpestes sanguineus</i> (1)	Slender mongoose	0	0	0	0	1	1	1
		<i>Ichneumia albicauda</i> (6)	White-tailed Mongoose	0	2	2	4	7	11	13
	Mustellidae (2)	<i>Ictonyx striatus</i> (2)	Striped polecat	0	0	0	2	4	6	6
	Viverridae (10)	<i>Civettictis civetta</i> (2)	African civet	0	0	0	6	6	12	12
		<i>Genetta genetta senegalensis</i> (4)	Common genet	0	0	0	13	11	24	24
		<i>Genetta tigrina</i> (2)	Large-spotted genet	0	0	0	16	16	32	32
<i>Pseudogenetta villiersi</i> (2)		Villier's genet	0	0	0	1	1	2	2	
Total	Mammalia, Carnivora (49)									335
Insectivora (59)	Erinaceidae (59)	<i>Atelerix albiventris</i> (59)	African hedgehog	4	14	18	201	118	319	337
Total	Mammalia, Insectivora (59)									337
Lagomorpha (92)	Leporidae (92)	<i>Lepus microtis</i> (50)	African savannah hare	0	1	1	212	86	298	299
		<i>Lepus crawshayi</i> (42)	Crawshay hare	0	1	1	192	104	296	297
Total	Mammalia, Lagomorpha (92)									596
Primates (14)	Cercopithe- cidae (7)	<i>Chlorocebus sabaeus</i> (3)	Green monkey (vervet)	0	1	1	0	2	2	3
		<i>Erythrocebus patas</i> (4)	Patas monkey	0	0	0	8	5	13	13
	Hominidae (7)	<i>Homo sapiens</i> (7)	Human	0	0	0	7	0	7	7
Total	Mammalia, Primates (14)									23
Rodentia (20)	Cricetomyidae (4)	<i>Cricetomys gambianus</i> (4)	Gambian pouched rat	27	1	28	0	1	1	29
	Muridae (11)	<i>Arvicanthis niloticus</i> (3)	Nile grass rat	0	1	1	3	2	5	6
		<i>Mastomys erythroleucus</i> (1)	Guinea multi-mammate mouse	1	0	1	0	0	0	1
		<i>Rattus rattus</i> (1)	Black rat	0	1	1	0	0	0	1
		<i>Tatera valida</i> (5)	Savannah gerbil	0	4	4	4	8	12	16
	<i>Taterillus</i> sp.(1)	Gerbil	0	6	6	0	0	0	6	
Sciuridae (5)	<i>Xerus erythropus</i> (5)	Striped ground squirrel	0	0	0	4	10	14	14	
Total	Mammalia, Rodentia (20)									73
General Total	Mammalia (308)									2025

Supplementary Material VIII

Mammalian hosts of *Rhipicephalus lunulatus* in Senegal.

Number of specimens observed is indicated into brackets for each order of vertebrate host of the mammalian class. The total tick collected is given per order of mammal. The general total gives the number of mammals observed in brackets followed by the total ticks found associated with the different orders listed. Total immature (Im) = Larva + Nymph; total mature (M) = Male + Female.

Host				Stage collected						
Order	Family	Scientific name	Vernacular name	Larva	Nymph	Total Immature (Im)	Male	Female	Total Mature (M)	Total Im+M
Artiodactyla (17)	Bovidae (15)	<i>Bos taurus</i> (10)	Cattle	0	0	0	50	57	107	107
		<i>Capra hircus</i> (5)	Goat	0	0	0	3	8	11	11
	Suidae (2)	<i>Phacochoerus africanus</i> (2)	Common warthog	0	0	0	2	1	3	3
Total	Mammalia, Artiodactyla (17)									121

Supplementary Material IX

Mammalian hosts of *Rhipicephalus muhsamae* in Senegal.

Number of specimens observed is indicated into brackets for each order of vertebrate host of the mammalian class. The total tick collected is given per order of mammal. The general total gives the number of mammals observed in brackets followed by the total ticks found associated with the different orders listed. Total immature (Im) = Larva + Nymph; total mature (M) = Male + Female.

Host				Stage collected						
Order	Family	Scientific name	Vernacular name	Larva	Nymph	Total Immature (Im)	Male	Female	Total Mature (M)	Total Im+M
Artiodactyla (107)	Bovidae (96)	<i>Bos Taurus</i> (87)	Cattle	0	0	0	492	400	892	892
		<i>Capra hircus</i> (8)	Goat	0	0	0	180	154	334	334
		<i>Ovis aries</i> (1)	Sheep	0	0	0	0	2	2	2
	Suidae (11)	<i>Phacochoerus africanus</i> (11)	Common warthog	0	0	0	519	69	588	588
Total	Mammalia, Artiodactyla (107)									1816
Carnivora (17)	Canidae (8)	<i>Canis aureus</i> (8)	Golden jackal	0	0	0	17	11	28	28
	Felidae (1)	<i>Felis lybica</i> (1)	African wildcat	0	0	0	0	1	1	1
	Herpestidae (1)	<i>Ichneumia albicauda</i> (1)	White-tailed mongoose	0	0	0	0	1	1	1
	Viverridae (7)	<i>Civettictis civetta</i> (7)	African civet	0	0	0	31	18	49	49
Total	Mammalia, Carnivora (17)									79
Insectivora (1)	Erinaceidae (1)	<i>Atelerix albiventris</i> (1)	Four-toed hedgehog	0	0	0	1	0	1	1
Total	Mammalia, Insectivora (1)									1
Lagomorpha (1)	Leporidae (1)	<i>Lepus microtis</i> (1)	African savannah hare	0	1	1	0	0	0	1
Total	Mammalia, Lagomorpha (1)									1
Perissodactyla (1)	Equidae (1)	<i>Equus caballus</i> (1)	Horse	0	0	0	4	2	6	6
Total	Mammalia, Perissodactyla (1)									6
Primates (3)	Cercopithecidae (1)	<i>Chlorocebus sabaeus</i> (1)	Green monkey	0	0	0	0	3	3	3
	Hominidae (2)	<i>Homo sapiens</i> (2)	Human	0	0	0	1	1	2	2
Total	Mammalia, Primates (3)									5
Rodentia (17)	Cricetomyidae (1)	<i>Cricetomys gambianus</i> (1)	Gambian pouched rat	0	2	2	0	0	0	2
	Muridae (12)	<i>Arvicanthis niloticus</i> (5)	Nile grass rat	2	4	6	80	91	171	177
		<i>Mastomys erythroleucus</i> (7)	Guinea multi-mammate mouse	1	2	3	15	14	29	32
	Hystricidae (4)	<i>Hystrix cristata</i> (4)	African porcupine	0	0	0	15	14	29	29
Total	Mammalia, Rodentia (17)									240
General Total	Mammalia (147)									2148

Supplementary Material X

Mammalian hosts of *Rhipicephalus senegalensis* in Senegal.

Number of specimens observed is indicated into brackets for each order of vertebrate host of the mammalian class. The total tick collected is given per order of mammal. The general total gives the number of mammals observed in brackets followed by the total ticks found associated with the different orders listed. Total immature (Im) = Larva + Nymph; total mature (M) = Male + Female.

Host				Stage collected						
Order	Family	Scientific name	Vernacular name	Larva	Nymph	Total Immature (Im)	Male	Female	Total Mature (M)	Total Im+M
Artiodactyla (45)	Bovidae (26)	<i>Bos taurus</i> (26)	Cattle	0	0	0	380	258	638	638
	Suidae (19)	<i>Phacochoerus africanus</i> (19)	Common warthog	0	0	0	226	146	372	372
Total	Mammalia, Artiodactyla (45)									1010
Carnivora (2)	Herpestidae (1)	<i>Ichneumia albicauda</i> (1)	White-tailed Mongoose	0	1	1	0	0	0	1
	Viverridae (1)	<i>Civettictis civetta</i> (1)	African Civet	0	0	0	0	1	1	1
Total	Mammalia, Carnivora (2)									2
Lagomorpha (1)	Leporidae (1)	<i>Lepus microtis</i> (1)	African savannah hare	0	0	0	0	1	1	1
Total	Mammalia, Lagomorpha (1)									1
Primates (1)	Cercopithecidae (1)	<i>Chlorocebus sabaeus</i> (1)	Green monkey (vervet)	0	1	1	0	0	0	1
Total	Mammalia, Primates (1)									1
General Total	Mammalia (49)									1014