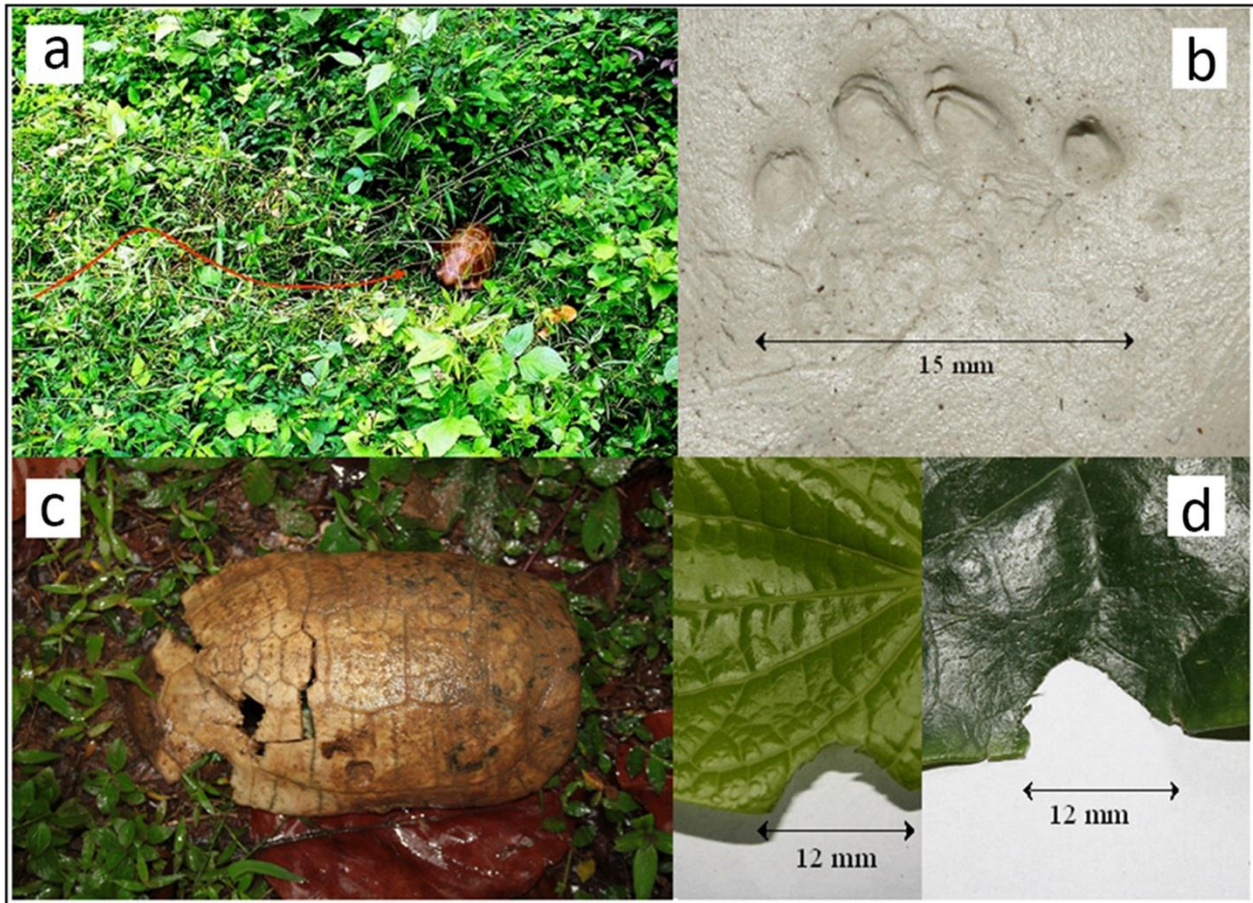


**Factors influencing the occurrence of the Travancore tortoise
Indotestudo travancorica in protected areas in south India**

V. DEEPAK and KARTHIKEYAN VASUDEVAN



SUPPLEMENTARY PLATE S1 Indirect evidence of presence of the Travancore tortoise: (a) tortoise trail, (b) forefoot spoor mark, (c) shell remains and (d) bite marks on vegetation.

SUPPLEMENTARY TABLE S1 Details of the 25 2-km trails surveyed for the Travancore tortoise *Indotestudo travancorica* in Anamalai and Parambikulam Tiger Reserves during 2006–2009.

Trail ID*	Latitude (°)	Longitude (°)	Elevation (m)
EGT1	10.36109	76.88028	500
EGT 4	10.47568	76.83267	770
EGT6	10.43643	76.87015	900
EGT8	10.38374	76.64237	490
EGT9	10.39039	76.66091	450
BMT 1	10.46137	76.84745	670
BMT 2	10.47188	76.84537	680
BMT 3	10.46049	76.84625	660
BMT 4	10.45420	76.82947	600
BMT 5	10.45416	76.82914	622
BMT 6	10.46122	76.84840	760
BMT 7	10.48198	76.85004	540
BMT 8	10.45498	76.85710	780
TPT 1	10.39188	76.73217	556
TPT 2	10.39671	76.73040	515
TPT 3	10.39268	76.73245	544
TPT 4	10.39402	76.74311	569
TPT 6	10.44726	76.85940	746
TPT 7	10.42373	76.86536	678

TPT 8	10.41645	76.85946	692
TPT 9	10.45214	76.84981	789
TPT 11	10.41722	76.86615	650
MDT 3	10.40628	76.72419	592
MDT 5	10.39040	76.66261	600
MDT 6	10.39839	76.68325	508

*Habitat types: EGT, evergreen; BMT, bamboo mixed; TPT, teak plantation; MDT, moist deciduous

SUPPLEMENTARY TABLE S2 Human population in inhabited enclaves within the study area (source: Tamil Nadu and Kerala Forest Department, 2010).

No.	Enclave	Population
1	Earth Dam	101
2	P.A.P + Kadavu colony	407
3	Kolikamuthy	290
4	Kummaty	157
5	Manamboli	60
6	Topslip	75
7	Erumapara	188
8	Kuriyarkutti	253
9	Sungam	320
10	Poopara	174
11	Anjacolony	56
12	Palakanar	45
<i>Total</i>		2,066

SUPPLEMENTARY TABLE S3 Protected areas where the Travancore tortoise is present (Vasudevan et al., 2010).

Protected area	State	Latitude (°N)	Area (km ²)
Kanyakumari Wildlife Sanctuary	Tamil Nadu	8.37	457.7
Neyyar Wildlife Sanctuary	Kerala	8.55	128.0
Peppara Wildlife Sanctuary	Kerala	8.66	53.0
Shendurney Wildlife Sanctuary	Kerala	8.76	171.0
Periyar Tiger Reserve	Kerala	9.56	925.0
Idukki Wildlife Sanctuary	Kerala	9.80	70.0
Chimmony Wildlife Sanctuary	Kerala	10.22	85.0
Chalakyudy Reserve Forest*	Kerala	10.26	830.34
Vazhachal Reserve Forest*	Kerala	10.34	413.9
Parambikulam Wildlife Sanctuary	Kerala	10.39	285.0
Anamalai Tiger Reserve	Tamil Nadu	10.42	958.6
Peechi–Vazhani Wildlife Sanctuary	Kerala	10.59	125.0
Silent Valley National Park	Kerala	11.13	89.5
Nilambur Reserve Forest*	Kerala	11.29	760.4
Aaralam Wildlife Sanctuary	Kerala	11.95	55.0
Pushpagiri Wildlife Sanctuary	Karnataka	12.57	102.9
Neriya Reserve Forest* and surrounding areas	Karnataka	13.04	420.7

Agumbe Reserve Forest*	Karnataka	13.51	56.75
Mookambika Wildlife Sanctuary	Karnataka	13.85	247.0
Sharavathi Wildlife Sanctuary	Karnataka	14.16	431.2
Gersoppa Reserve Forest*	Karnataka	14.23	233.6
Dandeli Wildlife Sanctuary	Karnataka	15.34	475.0

*Reserve Forest is a Category VI Protected Area under IUCN guidelines (Dudley, 2008).