

Providing more protected space for tigers *Panthera tigris*: a landscape conservation approach in the Western Ghats, southern India

SANJAY GUBBI, KAUSHIK MUKHERJEE, M.H. SWAMINATH and H.C. POORNESHA

TABLE S1 Reserved forests identified for inclusion in the protected area network of Karnataka state, with area, and forest cover and connectivity scores (see text for further details).

Reserved/state/minor forests	Area (km ²)	Forest cover score	Connectivity score
Agumbe ¹	52.41	10	9
Anechaurkur ¹	36.76	10	5
Antharagange SF	48.15	8	5
Aramballi ²	62.63	10	5
Attigunda MF	4.64	6	5
Balehalli ¹	19.09	10	9
Balur	74.46	10	10
Baregundi ¹	30.87	9	10
Basavanbetta ¹	62.75	9	5
Basavankote ²	31.24	10	5
Bhadrapura SF	30.2	10	5
Bhagimale	28.23	10	7
Bilekal ¹	109.73	10	10
Bisle ²	36.44	10	8
Bisle Extension ²	4.66	10	7
Chakra ¹	7.7	10	5
Charmadi Kanapadi	56.16	10	5
Chennagunda	22.67	9	5
Chikkayalur ¹	108.78	9	5
Chilandvadi ¹	100.88	8	5
Choranayedahalli ²	25.9	10	10
Chowrakallu ¹	12.12	10	5
Chunchi East ¹	4.29	10	5
CLI (IHF:XXIX)	6.18	7	7
CLII (IHF:XXX)	15.9	10	7
CLIII (IHF:XXXI)	25.74	10	5
CLIIIp.p. (IHF:XXXIp.p.)	12.3	10	6
CLV (IHF:XXXIII)	13.38	10	5
CLXXVII (ICF:XXI)	17.34	10	8
Cowdally ¹	90	10	5
Devadana ²	5.5	10	5
Devmachi ¹	36.96	7	5
Dhanagur ¹	26.24	9	5
Dodda Harve ¹	36.07	10	5
Dodderi MF	3.13	10	5
Govardhanagiri	14.05	10	5

Reserved/state/minor forests	Area (km ²)	Forest cover score	Connectivity score
Gurupura ²	5.57	9	5
Hadikere East SF	27.7	10	5
Hadikere West SF	22.37	6	5
Hanne SF	9.95	10	5
Hanur ¹	89.36	10	5
Hulikal ¹	4.27	10	9
Jageri	54.11	9	5
Jamboti	108.5	8	5
Jog	38.38	8	7
Kabbinala ²	68.66	10	8
Kadamkal	49.7	10	9
Kaggi	4.3	7	5
Kagneri ²	29.68	10	8
Kakanhosudi ²	19.29	7	9
Kalkere MF	3.68	10	5
Kanchankumari ²	8.57	10	8
Kankumbi	126.12	8	5
Kemphole ²	33.19	10	8
Kerti	79.56	10	10
Killandur ¹	65.78	9	5
Kiribag	38.1	10	8
Kodachadri ¹	16.51	8	5
Kukwada Ubrani SF	181.3	10	5
Kuskal ²	61.95	10	5
LXXI ¹	47.42	9	8
LXXII ¹	22.42	9	9
LXXIV (CRF:IV) ¹	77.15	9	10
LXXVII pp (CRF:VII pp) ¹	20.88	9	8
LXXXVIIpp (CRF:VII pp) ¹	14.14	8	10
Madesvaramalai ¹	393.61	10	9
Maldare	45.71	10	5
Mambetta ¹	27.01	10	5
Manjunatha ¹	26.81	9	10
Masakali ²	22.83	5	5
Maukal ¹	33.08	10	5
Mettukallugudda ¹	20.15	10	9
Miyar	58.67	10	10
Moorkannugudda ²	32.12	10	8
Muddanahalli ¹	16.81	5	5
Mugguru ¹	68.51	10	10
Nagoli MF	1.85	10	5

Reserved/state/minor forests	Area (km ²)	Forest cover score	Connectivity score
Netkalhatti MF	3.14	6	5
Padinalknad	233.64	9	10
Pattighat	144.02	9	10
Ramadevarabetta ¹	19.07	7	10
Rangainagiri SF	26.63	10	5
Revenue forests adjoining Bandipur National Park ¹			9
Shiradi-Shisla	88.48	10	10
Siddapura ¹	14.5	9	5
Siddarahalli WB	3.08	10	5
Sollepura ¹	49.97	6	5
Someshwara ¹	107.87	10	8
Subrahmanya	29.16	10	8
Tamadihalli ²	12.98	4	9
Tanigebail ²	4.73	10	5
Timmapura ²	18.76	9	5
Tombettu ¹	48.55	9	8
Totlayanakere Minor Forest ²	3.39	8	5
Tyagadabagi ²	24.62	9	5
Umblebail ²	38.2	8	9
Varahi ¹	22.12	9	8
XCV (SF:V) ¹	29	10	8
XCVI (SF:VI) ¹	15.25	10	7
XCVIII (CRF) ¹	15.05	9	9
XXXVIII pp(SJF) ¹	5	9	5
Yaragnal Minor Forest ²	7.57	10	5
Yediyarahalli ¹	446.98	10	9
<i>Total</i>	4,767.4		

¹Areas already added to the protected area network

²Addition to Pushpagiri & Bhadra Wildlife Sanctuaries approved by the government