

ANNEXURE 1

Diversity of spiders from different habitats of Champaner-Pavagadh Archeological Park

Sr. No.	Family	Species	Forest areas	Agricultural fields	Garden areas
1.	Araneidae	<i>Argiope aemula</i> (Walckenaer, 1841)	+	+	-
2.		<i>Argiope anasuja</i> Thorell, 1887	+	+	+
3.		<i>Chorizopes</i> sp.	+	+	-
4.		<i>Cyclosa hexatuberculata</i> Tikader, 1982	+	+	+
5.		<i>Cyrtophora cicatrosa</i> (Stoliczka, 1869)	+	+	+
6.		<i>Cyrtophora citricola</i> (Forsskal, 1775)	+	+	+
7.		<i>Eriovixia excelsa</i> (Simon, 1889)	-	+	+
8.		<i>Gasteracantha hasselti</i> C. L. Koch, 1837	+	+	+
9.		<i>Neoscona mokerje</i> Tikader, 1980	+	-	+
10.		<i>Neoscona nautica</i> (L. Koch, 1875)	+	+	-
11.		<i>Neoscona theisi</i> (Walckenaer, 1841)	+	+	-
12.	Clubionidae	<i>Clubiona drassodes</i> O. Pickard-Cambridge, 1874	-	+	+
13.		<i>Clubiona</i> sp.	+	-	+
14.	Corrinidae	<i>Castianeira</i> sp.	+	+	-
15.	Eresidae	<i>Stegodyphus sarasinorum</i> Karsch, 1892	+	+	+
16.	Eutichuridae	<i>Cheiracanthium</i> sp.	+	-	-
17.	Gnaphosidae	<i>Haplodrassus</i> sp.	+	+	+
18.		<i>Zelotes mandae</i> Tikader & Gajbe, 1979	+	-	-
19.	Hersiliidae	<i>Hersilia savignyi</i> Lucas, 1836	+	+	+
20.	Lycosidae	<i>Evipa</i> sp.	+	-	+

Sr. No.	Family	Species	Forest areas	Agricultural fields	Garden areas
21.		<i>Hippasa pisaurina</i> Pocock, 1900	+	+	+
22.		<i>Lycosa</i> sp.	+	+	+
23.		<i>Pardosa birmanica</i> Simon, 1884	+	+	+
24.		<i>Pardosa sumatrana</i> (Thorell, 1890)	+	+	+
25.	Oonopidae	<i>Ischnothyreus</i> sp.	+	-	+
26.		<i>Orchestina</i> sp.	+	-	-
27.	Oxyopidae	<i>Oxyopes bharatae</i> Gajbe, 1999	-	+	+
28.		<i>Oxyopes gujaratensis</i> Gajbe, 1999	+	+	+
29.		<i>Oxyopes kamalae</i> Gajbe, 1999	+	+	+
30.		<i>Oxyopes shweta</i> Tikader, 1970	+	+	+
31.		<i>Peucetia</i> sp.	+	-	+
32.	Palpimanidae	<i>Otiotrops namratae</i> Pillai, 2006	+	-	-
33.	Philodromidae	<i>Philodromus</i> sp.	+	-	-
34.	Pholcidae	<i>Crossopriza lyoni</i> (Blackwall, 1867)	+	+	+
35.		<i>Pholcus</i> sp.	+	-	-
36.	Salticidae	<i>Asemonea tenuipes</i> (O. Pickard-Cambridge, 1869)	+	+	+
37.		<i>Bianor punjabicus</i> Logunov, 2001	+	+	+
38.		<i>Hasarius adansoni</i> (Audouin, 1826)	+	+	-
39.		<i>Hyllus semicupreus</i> (Simon, 1885)	+	+	+
40.		<i>Myrmarachne</i> sp.	+	+	+
41.		<i>Phintella</i> sp.	-	+	-
42.		<i>Plexipus paykulli</i> (Audouin, 1826)	+	-	+
43.		<i>Rhene albiger</i> a (C.L. Koch, 1846)	+	+	-
44.		<i>Stenaelurillus albus</i> Sebastian et. al., 2015	+	-	+

Sr. No.	Family	Species	Forest areas	Agricultural fields	Garden areas
45.		<i>Telamonia dimidiata</i> (Simon, 1899)	-	+	+
46.	Scytodidae	<i>Scytodes thoracica</i> (Latreille, 1802)	+	+	+
47.		<i>Scytodes fusca</i> Walckenaer, 1837	+	+	-
48.	Sparassidae	<i>Heteropoda</i> sp.	+	+	+
49.		<i>Olios gravely sethi</i> & Tikader, 1988	-	+	-
50.		<i>Olios milleti</i> (Pocock, 1901)	+	+	+
51.	Tetragnathidae	<i>Guizygiella</i> sp.	+	-	-
52.		<i>Leucauge decorata</i> (Blackwall, 1864)	+	+	+
53.		<i>Tetragnathasp.</i>	+	+	+
54.	Thomisidae	<i>Indoxysticus minutus</i> (Tikader, 1960)	+	-	-
55.		<i>Thomisus</i> sp.	-	+	+
56.	Uloboridae	<i>Uloborus</i> sp.	+	+	-
57.	Zodariidae	<i>Asceua</i> sp.	+	+	+
	Total no. of individuals		150	71	68
	Total no. of species		51	42	38
	Total no. of Families		20	17	16

ANNEXURE 2

Meteorological Data of Champaner-Pavagadh Archaeological Park

Months	Max avg. Temp.	Min avg. Temp.	Humidity (08.30 Hrs)	Humidity (17.30 Hrs)	Rainfall (mm)
2016					
January	31.29	13.40	60.61	46.86	0
February	31.04	15.18	54.33	42.35	0
March	34.22	18.58	47.05	36.86	0
April	37.30	27.16	46.81	38.33	0
May	40.64	26.92	57.72	34.12	0
June	38.99	28.46	69.61	43.58	0
July	32.41	26.03	85.72	70.16	87
August	30.38	25.2	85.76	70.57	317
September	32.78	25.40	79.5	65.75	118
October	32.02	23.61	70.79	61.05	39
November	31.73	14.90	59.05	50.66	0
December	30.81	12.20	60.33	51	0
2017					
January	30.49	12.53	61.91	49.90	0
February	33.204	15.29	56.36	43.31	0
March	36.22	19.67	47.66	34.86	0
April	39.30	24.16	48.81	34.33	0
May	41.38	26.25	51.88	37.76	0
June	38.52	27.52	62.28	57.45	143
July	31.5	26.352	76.96	76.48	395
August	31.93	26.90	76.78	76.35	194
September	33.51	26.01	72.60	71.86	46
October	35.79	24.42	64.13	62.82	4

Months	Max avg. Temp.	Min avg. Temp.	Humidity (08.30 Hrs)	Humidity (17.30 Hrs)	Rainfall (mm)
November	31.99	15.93	61.36	54.7	0
December	28.20	14.39	65.4	61.38	17
2018					
January	30.31	13.88	59.88	52.54	0
February	33.45	16.07	60.04	48.05	0
March	37.39	19.77	46.45	37.91	0
April	40.34	24.18	50.20	37.41	0
May	41.94	27.81	54.25	41.25	0
June	37.98	26.60	62.07	54.15	211
July	31.17	25.79	78.87	79.75	486
August	30.93	27.80	75.63	71.32	276
September	33.15	25.04	70.36	65.72	54
October	36.20	23.38	54.04	47.22	0
November	33.64	17.81	56.55	47.16	0
December	29.27	13.32	56.03	48.21	0

Source: Department of Physics, The M.S.University of Baroda, Vadodara