

ANNEXURE I(A): CHECKLIST OF SPIDERS FOUND IN PADDY - ORGANIC FIELD

Family	Scientific Name	Guild structure	PHASE I	PHASE II
Linyphiidae	<i>Labulla nepula</i>	Web Builders \ Wandering	-	+
	<i>Stemonympates sp.</i>		-	+
Lycosidae	<i>Evippa sohani</i>	Wandering spiders	+	+
	<i>Evippa rajasthanensis</i>		-	+
	<i>Hippasa agelenoides</i>		-	+
	<i>Hippasa mahabaleshwarensis</i>		+	+
	<i>Lycosa chaudhari</i>		-	+
	<i>Lycosa poonanesis</i>		+	+
	<i>Lycosa pictula</i>		+	-
	<i>Lycosa sp.</i>		-	+
	<i>Pardosa birmanica</i>		+	+
	<i>Pardosa pusiola</i>		+	-
	<i>Pardosa sp.</i>		+	-
	<i>Pardosa mukundi</i>		+	+
	<i>Pardosa sumatrana</i>		+	+
	<i>U.I. (Lycosidae)</i>		-	+

Clubionidae	<i>Chelracanthium melanostoma</i>	Hunting spiders	+	+
	<i>Clubiona drassodes</i>		+	+
Oxyopidae	<i>Oxyopes shweta</i>	Hunting spiders	+	+
	<i>Peucetia viridans</i>		+	-
Araneidae	<i>Neoscona theisi</i>	Web Builders	+	+
	<i>Neoscona sinhagadensis</i>		+	+
	<i>Neoscona nautica</i>		-	+
	<i>Neoscona mukerjeei</i>		+	+
	<i>Pasobilus sp.</i>		-	+
	<i>Cyclosa simony</i>		-	+
	<i>Cyclosa confragra</i>		+	-
	<i>Cyrtophora cicatrosa</i>		+	+
	<i>Argiope aemula</i>		+	+
	<i>Argiope anasuja</i>		+	-
	<i>Larinia sp.</i>		-	+
	<i>Leucage decorata</i>		+	+
	<i>U.I. (Araeneidae)</i>		-	+
Therididae	<i>Theridion manjithar</i>	Web Builders	-	+
Tetragnathidae	<i>Tetragnatha mandibulata</i>	Web Builders	+	+

	<i>Eucta javana</i>			+	+
Gnaphosidae	<i>Drassodes indraprastha</i>	Hunting spiders		-	+
Heteropodidae	<i>Heteropoda sp.</i>			-	+
	<i>Olios graveyli</i>			-	+
	<i>U.I. (Heteropodidae)</i>			-	+
	<i>Thatanus dhakuricus</i>			+	+
Thomisidae	<i>Thomisus cherapunjeus</i>	Wandering		+	-
Pholcidae	<i>Pholcus sp.</i>	Web Builders		-	+
Salticidae	<i>Harmochirus brachiatus</i>	Wandering Spiders		+	+
	<i>Phiddipus indicus</i>			-	-
	<i>Marpissa anasue</i>			-	+
	<i>Marpissa sp.</i>			-	+
	<i>Myrmachne orientalis</i>			-	+

ANNEXURE I (A): CHECKLIST OF SPIDERS FOUND IN PADDY - CONVENTIONAL FIELD

Family	Scientific Name	Guild Structure Uetz 1977	PHASE I	PHASE II
Araenidae	<i>Neoscona muketjel</i>	Web Builders	+	+
	<i>Neoscona sinhagadensis</i>		+	+
	<i>Neoscona theis</i>		+	+
	<i>Neoscona nautica</i>		+	+
	<i>Neoscona sp</i>		-	+
	<i>Leucage decorata</i>		-	+
	<i>Leucage celebesiana</i>		+	-
	<i>Argiope aemula</i>		+	+
	<i>Argiope anasuja</i>		+	-
	<i>Araenus bilunifera</i>		+	+
	<i>Larinia chloris</i>		-	+
	<i>Larinia sp</i>		+	-
	<i>Cyrtophora cicatrosa</i>		-	+
	<i>Cyclosa mulmeinensis</i>		-	+

	<i>Cyclosa confragra</i>		+	-
	<i>Zygeilla melanocornia</i>		-	+
	<i>U I</i>		+	-
Salticidae	<i>Harmochirus brachiatus</i>		+	-
	<i>Phidipus pateli</i>		-	+
	<i>Phidipus indicus</i>		+	+
	<i>Phiddipus bengalensis</i>		+	-
	<i>Phiddipus sp</i>		+	+
	<i>Marpissa bengalensis</i>		-	+
	<i>Marpissa tigrina</i>		+	-
	<i>Marpissa dhakuricus</i>		+	-
	<i>Marpissa sp</i>		+	+
	<i>Zygoballus sp</i>		-	+
	<i>Myrmarachane maratha</i>		-	+
	<i>Myrmarachne orientalis</i>		+	-
	<i>Rhene indicus</i>		+	+
	<i>Rhene decoratus</i>		+	-
Lycosidae	<i>Evippa sohani</i>		+	++

**Wandering
Spiders**

	<i>Evippa praelongipes</i>	Wandering spiders		-
	<i>Evippa sp</i>		+	-
	<i>Pardosa birmanica</i>		+	+
	<i>Pardosa mukundi</i>		+	+
	<i>Pisuarina sp</i>		-	+
	<i>Pardosa sumatrana</i>		-	+
	<i>Hippasa pisuarina</i>		+	+
	<i>Hippasa mabaleshwarensis</i>		-	-
	<i>Hippasa sp.</i>		+	-
	<i>Lycosa pictula</i>		+	-
	<i>Lycosa poonaensis</i>		+	-
	<i>Lycosa mahabaleshwarensis</i>		+	-
	<i>Pardosa mysorensis</i>		+	-
	<i>Pardosa mukundi</i> <i>UI</i>		+	-
Clubionidae	<i>Chieracanthium melanostoma</i>	Hunting spiders	+	+
	<i>Clubiona filicata</i>		+	-
	<i>Clubiona sp</i>		+	-

Tetragnathidae	<i>Tetragnatha mandibulata</i>	Web Builders	+	+
	<i>Tetragnatha sp</i>		+	-
	<i>Eucta Javanus</i>		+	+
	<i>Eucta sp.</i>		+	-
Linyphiidae	<i>Stemonympantes sp</i>	Web Builders \ Wandering	+	+
	<i>Labulla napula</i>		+	-
Pholcidae	<i>Pholcus sp</i>	Web Builders	-	+
	<i>Artema atlenta</i>		+	-
Therididae	<i>Achaeneria bandana</i>	Web Builders	+	-
	<i>Achaeneria durgae</i>		+	-
	<i>Argyrodes ambaliki</i>		+	+

		spiders			-
	<i>Thomisus elongatus</i>			+	
	<i>Xysticus sp.</i>			+	-
Oonopidae	<i>Triarlis manii</i>			+	+

ANNEXURE Ic: CHECKLIST OF SPIDERS FOUND IN CASTOR AGROECOSYSTEM

	GUILD STRUCTURE		
Family	Scientific name	Uetz 1977	PHASE I PHASE II
Araneidae	Argiope aemula		+
	argiope anasuja		+
	Cyclosa sp.		+
	Cyrtophora citricola		-
	Cyrtophora cicatrosa		+
	Gastercantha sp.		+
	Neoscona bengalensis		+
	Neoscona mukerji		+
	Neoscona sinhagadensis		+
	Neoscona theisi		+
	Neoscona shillongensis		-
	Neoscona sp		-

	Araenus bilunifera		-	+
	Araenus sp1		-	+
	Araenus sp II		-	+
	Araenus sp III		-	+
	Zygeilla indica		+	-
	Zygeilla melanocornia		+	+
	Zygeilla sp.		+	-
	UI 1		-	+
	UI 2		-	+
	UI 3		-	+
Clubionidae	Castinaeria albopicta		+	+
	Castinaeria bengalensis		+	-
	Castinaeria flavipes		+	+
	Castinaeria indica		+	-
	Castinaeria zetes		+	+
	Castinaeria sp.		+	-
	Clubiona drassodes		+	+
	Clubiona flicata		+	+

Hunting spiders

	Clubiona ludhianensis			+	+
	Chieracanthium melanostoma			+	+
	Oedognatha sp			-	+
Heteropodidae	Heteropoda sp		Wandering spiders	-	+
	Olios bahvnagrensis			+	-
	Olios graveyili			-	+
Linyphiidae	Labulla nepula			+	+
	Linyphila sp1		Web Builders \	+	-
	Linyphila sp2		Wandering	+	-
	Stemonymphantes sp.			+	-
Lycosidae	Hippasa lycosina			+	-
	Pardosa birmanica		Wandering spiders	-	+
	Lycosa poonaensis			+	-
Oxyopidae	Oxyopes shweta		Wandering spiders	+	-
Pholcidae	Pholcus sp.		Web Builders	+	+
Salticidae	Marpissa bengalensis			+	-
	Myrmarachne bengalensis			+	-

	myrmarachne maratha	Wandering Spiders	+	-
	Myrmarachne juv.		+	-
	Plexippus sp.		+	-
	Salticus ranjitus		+	-
	Salticid Juv.		+	-
	U I III		-	+
Therrididae	Achaeneria durgae	Web Builders	+	-
	Argyrodes gazedes		+	+
	Argyrodes projeles		+	+
	Argyrodes ambaliki		-	+
	Argyrodes sp.		+	-
	Theridion manjithar		+	+
	Theridion sp.		+	+
Thomisidae	Thomisus krishnae		+	-
	Thomisus shivajensis	Wandering spiders	+	-
	Thomisus sp.		+	-

ANNEXURE Ib: CHECKLIST OF SPIDERS FOUND IN PIGEONPEA

Family	Name	Guild structure of spiders	PHASE I	PHASE II
Araeneidae	Argiope aemula	ORB WEB BUILDERS	+	-
	Argiope anasuja		+	+
	Cyclosa confraga		+	-
	Cyclosa mulmeinensis		+	-
	Larinia chloris		+	-
	Leucage decorata		+	-
	Neoscona bengalensis		+	-
	Neoscona mukerjei		+	+
	Neoscona theisi		+	+
	Neoscona sinhagadensis		+	+
Oonopidae	Zygella melanocornia		+	+
	Triarhis manii		-	+
Clubionidae	Clubiona drassodes	Nocturnal Foliage Hunters	+	+
	Clubiona filicate		+	-
	Chieracanthium melanostoma		+	+

Eresidae	Stegodyphus sarsinosum	Web Builders	+	+
Heteropodidae	Olios bahvnagnensis	Foliage Hunters	+	-
	Thatanus dhakuricus		-	+
	Labulla napula		+	+
Lycosidae	Lycosa pictula	Ground Hunters	+	+
	Lycosa phipsoni		-	+
	Lycosa poonanesis		-	+
	Hippasa lycosina		+	+
	Hippasa mahabaleshwarsensis		-	+
	Hippasa sp		+	+
	Pardosa birmanica		+	+
	Pardosa mukundi		-	+
	Pardosa sumatrana		+	-
Oxyopidae	Oxyopes shweta	Diurnal Foliage Hunters	+	+
	Peucetia viridans		+	+

Salticidae	Myrmarachne bengalensis	Hunting spiders	+	-
	Phiddipus punjabensis		+	-
	Plexippus paykulli		+	+
	Salticus ranjithus		+	+
	Phiddipus calcuttaensis		-	+
	Phiddipus indicus		-	+
	Marpissa bengalensis		-	+
	Marpissa sp.		-	+
	Zygoballus sp.		-	+
Therrididae	Theridion manjithar	Space web Builders	+	+
Thomisidae	Thomisus cherapunjeus	Sit and Wait Hunters	+	+
	Thomisus krishnae		+	+
	Xysticus minuctus		+	+