

Table 5 SIMPER analysis is showing dissimilarity % between different seasons with their contributing shellfish species

Groups: Winter & Pre-Monsoon		Groups: Winter & Monsoon	
Average dissimilarity = 18.60%		Average dissimilarity = 37.72%	
Species	Contribution %	Species	Contribution %
<i>Potamon</i> sp.	17.05	<i>Acetes</i> sp.	26.07
<i>Metapenaeus monoceros</i>	13.32	<i>Metapenaeus monoceros</i>	9.24
<i>Acanthopotamon</i> sp.	9.31	<i>Matuta victor</i>	8.95
<i>Lobster</i> sp.	9.11	<i>Potamon</i> sp.	8.89
<i>Scylla serrata</i>	7.46	<i>Charybdis natator</i>	6.41
<i>Charybdis natator</i>	7.22	<i>Squilla</i> sp.	6.40
<i>Parapenaeopsis sculptilis</i>	7.02	<i>Exopalaemon styliferus</i>	5.96
<i>Exopalaemon styliferus</i>	6.82	<i>Parapenaeopsis sculptilis</i>	5.33
<i>Squilla</i> sp.	6.05	<i>Macrobrachium mirabile</i>	4.35
<i>Matuta victor</i>	4.99	<i>Lobster</i> sp.	4.04
<i>Macrobrachium mirabile</i>	4.67	<i>Macrobrachium rosenbergii</i>	3.66
		<i>Penaeus monodon</i>	3.59
Groups: Pre-Monsoon & Monsoon		Groups: Winter & Post- Monsoon	
Average dissimilarity = 42.15%		Average dissimilarity = 37.51%	
Species	Contribution %	Species	Contribution %
<i>Acetes</i> sp.	23.20	<i>Acetes</i> sp.	31.17
<i>Potamon</i> sp.	14.74	<i>Penaeus monodon</i>	12.30
<i>Matuta victor</i>	9.70	<i>Parapenaeopsis sculptilis</i>	8.23
<i>Metapenaeus monoceros</i>	6.66	<i>Potamon</i> sp.	7.29
<i>Exopalaemon styliferus</i>	6.30	<i>Matuta victor</i>	5.86
<i>Charybdis natator</i>	5.80	<i>Acanthopotamon</i> sp.	5.32
<i>Squilla</i> sp.	5.42	<i>Scylla serrata</i>	5.24
<i>Macrobrachium mirabile</i>	4.95	<i>Metapenaeus monoceros</i>	4.57
<i>Lobster</i> sp.	4.69	<i>Squilla</i> sp.	4.49
<i>Scylla serrata</i>	4.68	<i>Lobster</i> sp.	4.31
<i>Acanthopotamon</i> sp.	4.38	<i>Exopalaemon styliferus</i>	3.79
Groups: Pre-Monsoon & Post-Monsoon		Groups: Monsoon & Post- Monsoon	
Average dissimilarity = 39.73%		Average dissimilarity = 25.19%	
Species	Contribution %	Species	Contribution %
<i>Acetes</i> sp.	29.49	<i>Metapenaeus monoceros</i>	12.86
<i>Potamon</i> sp.	12.56	<i>Acanthopotamon</i> sp.	11.47
<i>Penaeus monodon</i>	12.30	<i>Charybdis natator</i>	10.80
<i>Scylla serrata</i>	8.05	<i>Penaeus monodon</i>	10.09
<i>Matuta victor</i>	7.49	<i>Squilla</i> sp.	8.15
<i>Metapenaeus monoceros</i>	6.02	<i>Potamon</i> sp.	7.78
<i>Parapenaeopsis sculptilis</i>	5.30	<i>Lobster</i> sp.	7.54
<i>Exopalaemon styliferus</i>	4.68	<i>Macrobrachium mirabile</i>	7.06
<i>Charybdis natator</i>	4.49	<i>Exopalaemon styliferus</i>	6.57