Column Set Gill Net Fishing in Gobindsagar Reservoir

Znamensky (1967) observed the influence of temperature variations in movement of fishes. David *et al.* (1969) noticed better catches in bottom set nets during summer in Tungabhadra Reservoir. The present note reports a similar observation of the authors in Gobindsagar reservoir.

Kapron gill nets of identical design (Khan *et al.* 1975) were operated side by side as surface and column set under identical fishing conditions. The gill nets were column set at two metres below surface. Temperature of water of the fishing ground varied from 13 to 25°C during winter (November to January) and 20 to 33°C during summer (April to June).

Table 1. *Variation in the catch of fishes during the winter and summer months*

	Winter			Summer		
	No. of fish caught	Catch kg	Catch per 1000 sq. m net kg	No. of fish caught	Catch kg	Catch per 1000 sq. m net kg
Surface set gill net	71	55.20	10.21	169	206.65	33.15
Column set gill net	71	56.20	10.40	268	294.65	50.98

The catch per 1000 sq. m of column and surface set nets during winter and summer are presented in table 1.

Table 1 shows no difference in catch for nets set at surface and column during winter, while it was 1.42 times more in surface set nets during summer. The catch consisted of the four main species of fishes viz. *L. diplostoma, L. bata, B. tor* and *M. seenghala.*

References

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