

# Studies on sex ratio, condition factor and patterns of phenotypic estimation in stock identification of snow trout, *Schizothorax esocinus* Heckel, 1838 inhabiting the colder Indian Himalayan region

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## Supplementary Information

**TABLE S1** Morphometric measurements and meristic counts of *Schizothorax esocinus* used in this study.

Characters	Description	Acronyms
Total length	The greatest distance between the anterior most point of the snout and the posterior most tip of the caudal fin.	TL
Standard Length	Straight distance from the anterior most point of the snout to the base of median caudal rays.	SL
Fork length	Measured from the tip of snout to the end of middle caudal fin rays.	FL
Body depth	Vertical measurement from the first dorsal fin insertion to the ventral surface.	BD
Caudal peduncle length	Straight measurement from the last insertion of anal fin base to the caudal fin base.	CPL
Caudal peduncle depth	Minimal vertical distance from the dorsal to ventral profile on the caudal peduncle.	CPD
Dorsal fin base length	Straight measurement between the first and last insertion of dorsal fin base.	DFBL
Height of Dorsal fin	Measurement from the first insertion base to the longest tip of the ray.	DFH
Pectoral fin length	Measurement between its first insertion to body and its extreme tip.	PcFL
Pectoral fin base length	Measurement from the base of pectoral fin.	PcFBL
Pelvic fin length	Measurement between its first insertion to body and its extreme tip.	PvFL
Pelvic fin base length	Measurement from the base of pelvic fin.	PvFBL
Anal fin length	Measurement from the first insertion base to the longest tip of fin ray.	AFL
Anal fin base length	Measurement from the base of anal fin.	AFBL
Pre-Dorsal length	Straight measurement from the tip of the snout to the first dorsal fin base.	Pre-DL
Pre-Pectoral length	Measurement from the pectoral fin to the tip of snout.	Pre-Pecl
Pre-Pelvic length	Distance from the base of pelvic fin to the anterior most point of head	Pre-Pell
Pre-Anal length	Distance from the upper jaw to the origin of anal fin	Pre-AL
Head length	From the front of the upper lip to the posterior end of the opercula membrane	HL
Head depth	Straight distance across the head and in a ventral position.	HD
Eye diameter	Diameter of the orbit from one margin to the other.	ED
Snout length/ Pre orbital length	The measurement from the tip of upper jaw to the front margin of the orbit.	SNL/PreOr
Post orbital length	The measurement from last margin of the orbit to the tip of operculum membrane.	Post-Or
Inter- orbital distance	Distance between two orbits of eye.	IOD

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**Meristics counts**

Dorsal fin rays	DFR
Pectoral fin rays	PcFR
Pelvic fin rays	PvFR
Anal fin rays	AFR
Caudal fin rays	CFR

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