A RECORD OF THE STOMATOPAPILLOMA DISEASE IN COMMON CARP CYPRINUS CARPIO SPECULARIS LACEPEDE

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ABSTRACT

A tumour-causing disease, most probably Stomatopapilloma, of viral origin, is first-time reported from a common carp, Cyprino carpio specularis, cultured in fish farm.

During the study of fish diseases, a specimen of Cyprinus carpio specularis was caught from the Govt. fish farm tank at Galhati river dam, Jalna. The specimen had a large tumour (3 cm long and 2.5 cm high) on its orbit. The tumour was smoke-grey in colour with hyaline lesions on it (Fig. 1).
Symptoms of this tumour were like those of lymphocytis. The tumour covered the orbit. It contained white pebbly-looking lump of atrophied tissue of eye in addition to cauliflower-like outgrowths. The detailed study revealed that it did not contain bacterial, fungal, protozoan or helminth infection.

![Image of fish](image)

**FIG. 1.** The profile and front view of fish *C. e. aspredin* afflicted by *Stomatopiloma* disease.

The disease resembled the cauliflower disease in the layered arrangement of tissues which Christensen (1966) named as "Stomatopiloma". It has been reported from *Osmerus eperlanus, Pleuronectes flesus, Pleuronectes platessa, Sables vulgaris* (Dujit 1973), *Anguilla anguilla, Alburnus alburnus, Gadus morhua* (Reichenbach-Klinck 1966), *Osmerus eperlanus* (Christensen 1966) and *Rutilus rutilus* (Srivastava et al 1978). The disease is reported commonly to affect head region, as is observed in present studies, though reported occasionally from mouth, pectoral fin and ventro-caudal region (Reichenbach-Klinck 1966), too. The disease is noticed for the first time in *Cyprinus carpio*. 
On the basis of the symptoms and etiology it is provisionally diagnosed as a viral disease. Further studies are continuing to confirm its exact nature and causes.

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REFERENCES


