

آزمایشگاه فیزیولوژی جانوری

تهیه نمونه خون

تهیه نمونه خون از ماهی

Blood is sampled for ichthyohaematological examination as soon as the fish are taken out of the environment in which they have lived.

The main criteria for selection a particular method of sampling include:

the size of the fish,

the amount of blood needed

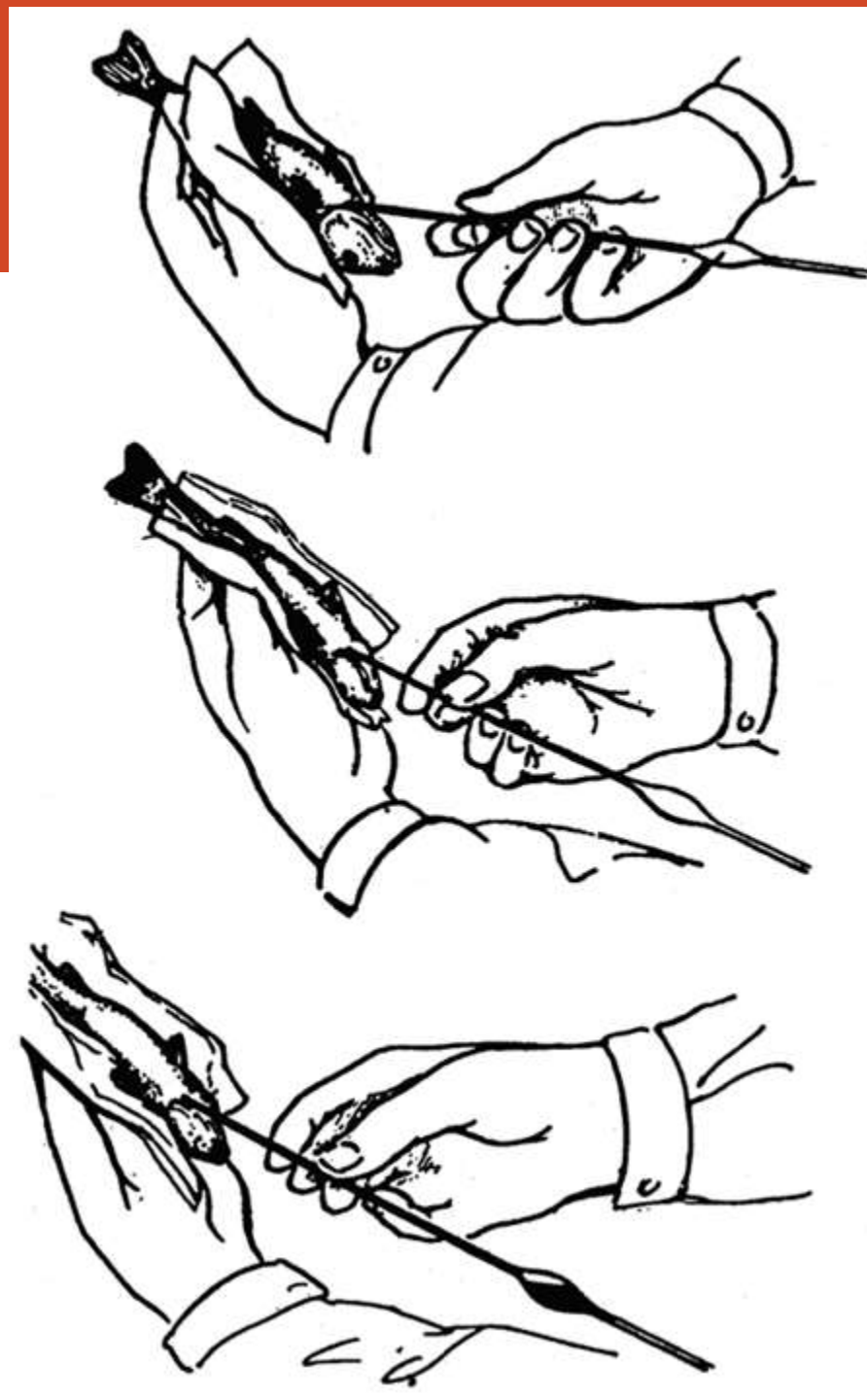
and the further fate of the fish caught for different examinations.

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The main criteria for selection a particular method of sampling include:
the size of the fish,

Blood sampling in fish fry

Blood sampling in fish fry by the method of cardiopuncture using a 200 long glass capillary

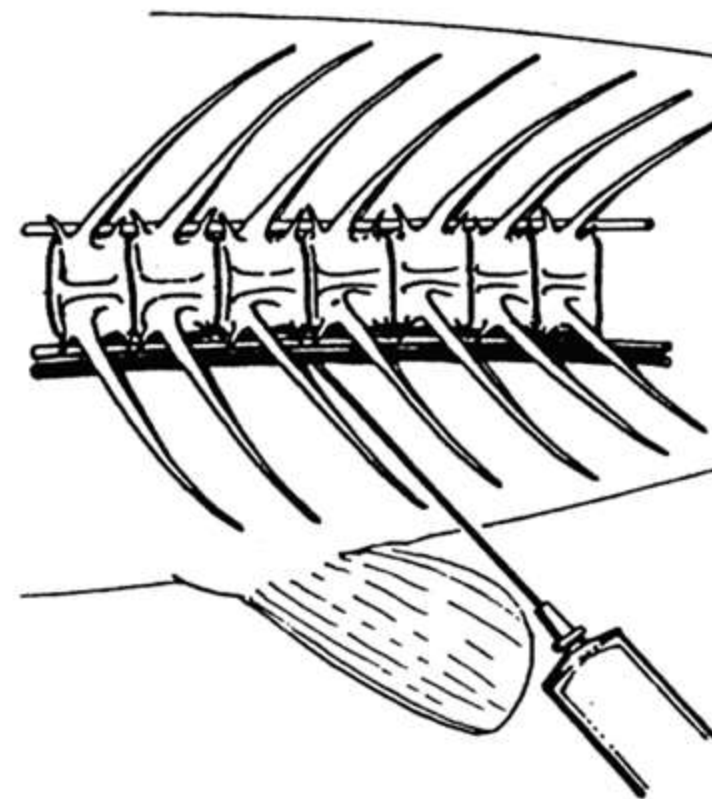


تهیه نمونه خون از ماهی

The main criteria for selection a particular method of sampling include: the size of the fish,

Collecting blood from fish weighing above 200 g, including brood fish

Blood sampling in fish of more than 200 g weight by the method of puncture of caudal blood vessels



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Stabilization of blood

Aqueous solution of heparin sodium salt is the only product used for stabilization of the fish blood.

One ml of this aqueous solution contains 5000 I.U. of heparin sodium salt. 0.01 ml (about one drop) of the aqueous solution of heparin suffices to stabilize 1 ml of fish blood: the substance is left to dry on the inner surface of the test tube or flask (bublet) and the blood is collected in the test tube or bublet afterwards.

A slight overdosage of heparin does not produce changes in the blood cells of the fish.

EDTA, Ethylenediaminetetraacetic acid, 5 mg of EDTA suffices to stabilize 1 ml of fish blood

Sodium Citrate and Oxalate,

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