

26th July, 1935

Dear Salaman,

Dr Gross has asked me to give him a letter of introduction to you, and I have great pleasure in doing so.

I understand that Dr Gross was formerly in Hartman's laboratory at the Kaiser Wilhelm Institut, where much work has been done for a long time in developing adequate culture methods for protozoa, small crustacea, etc. After spending some time with Huxley at King's College, Dr Gross has been working here since the Summer of 1934, maintaining stocks of the brine shrimp Artemia, with a view to carrying out a rather ambitious selection experiment which ~~we~~ planned with this animal. The experimental work has gone sufficiently far to show that treatment and selection with arsenic for one generation does apparently produce a change of 10 to 15% in the amount of arsenic which the organism can tolerate, but the tests so far carried out should not be regarded as conclusive, but rather as showing that the material is capable, if we have the opportunity of carrying through well controlled and extensive tests, of affording a ~~quite~~ quantitative measure of the changes which can be induced.

One thing which makes this material particularly attractive is that one can examine in parallel responses of bisexual lines from different parts of the world, and also of a number of parthenogenetic strains found in nature.

Dr Gross has throughout, been an extremely pleasant man to work with, keen and scrupulously exact in the technical control of his material, and is also, I understand, an expert cytologist. In this connection I may mention the cytological photographs which he exhibited at the Royal Society in 1934.

Probably you are hearing also from Huxley, who can speak with more authority than I as to Gross' biological qualifications.

Yours sincerely,

Dr R.A. Salaman F.R.S  
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