

granules, nuclei, and neuromotor apparatus are well preserved.

Fixative

- 10 vols. saturated solution of mercuric chloride
- 2 vols. glacial acetic acid
- 2 vols. commercial Formalin
- 5 vols. tertiary butyl alcohol C.P.

The above reagents are mixed just before using.

1. Place a large drop of culture on a slide (the droplet must be free of debris).

2. Pick up a pipet full of fixative and hold the tip about 2 cm above the slide.

3. Slowly drop the fixative directly onto the droplet of culture.

4. Once the currents have started, lower the tip of the pipet until it is in contact with the slide. Continue to expel the fixative slowly until the slide is flooded.

5. After 15 seconds drain the slide and place in 70% iodine alcohol (3-4 min).

6. Wash in 70% alcohol (3-5 min).

The slide may now be stained by any of the standard methods.

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"The Coryphaeus of Science"

THE following item is a translation of Lysenko's eulogy (*Pravda*, page 4, March 8, 1953) of the deceased Stalin which I believe will interest the readers of SCIENCE for a variety of reasons.

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Hard, hard beyond words! He has departed from us—he who bestowed upon hundreds of millions of peoples a happy life—our leader, teacher, friend of the workers, great coryphaeus of native science: Iosif Vissarionovich Stalin.

All branches of the sciences—social and natural—drew inspiration and will continue to draw inspiration from the teachings, from the works of Comrade Stalin.

For the development of a materialist biology, for the development of Michurinist theory we are beholden to Iosif Vissarionovich Stalin not only as the greatest builder and director of a socialist government in which have been created as never before favorable conditions for the growth and development of all branches of knowledge, but also as the direct teacher who revealed to us the significance of the works of I. V. Michurin.

Comrade Stalin pointed out the paths for development of the theory of Michurinist materialist biology.

That Comrade Stalin found time even for detailed examination of the most important problems of biology is especially well known to me as a biologist. He directly edited the plan of my paper, "On the Situation in Biological Science"; in detail explained to me his corrections; provided me with directions as to how to write

certain passages in the paper. Comrade Stalin paid close attention to the results of the work of the August [1948] session of the Lenin All-Union Academy of Agricultural Sciences [in which "progressive, materialist, Michurinist biology triumphed over reactionary Mendelism-Morganism"].

Lenin discovered Michurin; Stalin nurtured our cadres of Michurinists; Stalin disclosed a series of most important biological principles.

Kolkhozes and sovkhozes, the socialist rural economy, and Michurinist biology have developed and are continuing to develop in indissoluble unity. This the Lenin-Stalinist Party teaches us. This is the sole path for the development of a genuine science, capable of revealing the principles of development of animate nature. Immortal are the cause and works of Lenin and Stalin. They consecrated their whole lives to the people—the builders of communism.

Let us rally yet more closely around the Stalinist Central Committee of the Communist Party and the Soviet government. Let us devote all our strength and knowledge to the cause of Lenin-Stalin, to the cause of building up communism!

Academician T. Lysenko

Twenty-Fifth Anniversary of the Discovery of the Raman Effect

A MEETING of the members of the Indian Association for the Cultivation of Science was held on March 7, 1953, in the premises of the Association at Jadavpur to celebrate the 25th anniversary of the discovery of the Raman Effect. M. N. Saha, F.R.S., was in the chair. The sequence of events leading to the discovery of the Raman Effect on February 28, 1928, was first narrated briefly by S. C. Sirkar, with the help of slides and demonstrations. Prof. Saha then pointed out that the discovery was one of the most important discoveries in science of this century, and that not only the Association but also the whole country took pride in the fact that such a discovery was made in the laboratories of the Association. He also pointed out that it was only because the Association had been publishing regularly a journal of its own that the discovery could be announced to the scientific world very quickly, so that priority for the discovery could be claimed by Prof. Raman, although a similar phenomenon was observed in the case of quartz a few weeks later by the Russian physicists, Landsberg and Mandelstam. The following resolutions were then adopted unanimously:

"Resolved that the members and staff of the Association express their sincerest felicitations to Prof. C. V. Raman on the 25th anniversary of the discovery of Raman Effect.

"Resolved further that a copy of the resolution be sent to Prof. C. V. Raman."

S. N. SEN

Indian Association for the Cultivation of Science

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