INTERNATIONAL BULLETIN OF BACTERIOLOGICAL
NOMENCLATURE AND TAXONOMY
Volume 12, No. 1 January 15, 1962 pp. 27-32

ON EXTERNAL FEATURES IN THE
TAXONOMY OF ACTINOMYCETES

Addendum

N.S. Krasil'nikov, N.I. Nikitina, and A.I. Korenjako

Institute of Microbiology
Academy of Sciences
Moscow, USSR

The text of this article was published in the October issue of this BULLETIN (Intern. Bull. Bact. Nomen. and Taxon. 11(4):133-159. 1961).

The photographs, delayed in the mail, were not received in time to be printed with the text. They are herewith published as an addendum. The editors regret the delay.

Figure 1. Types of morphology of nonspiral sporophores of several actinomycetes.
 1. A. streptomycini strain 12; 2. A. streptomycini strain 135; 3. A. rectus n. sp.;
 4. A. streptomycini strain 365; 5. A. globisporus; 6. A. streptomycini strain 345;
 7. A. antibioticus; 8. A. farinosus.

Figure II. Actinomyces
longissimus. Sporophores
form open loops at the end.

Figure III. Types of spiral sporophore morphology.

1. Actinomyces coelicolor strain 21; 2. A. coelicolor strain 21; 3. A. coelicolor strain 20-41; 4. A. virginiae
5. A. lavendulae strain 9000; 6. A. lavendulocolor n.sp. strain 4518; 7. A. viricidus strain 1609; 8. A. griseus Krasil'nikov (not Waksman); 9. A. glomeroauranticus n.sp.; 10. A. brevis n.sp.

Figure IV. Shapes of spores of actinomycetes.

A. Smooth spherical spores.
Actinomyces coelicolor strain 544.

B. Smooth rod-like spores.
Actinomyces coelicolor strain 31.

Figure V. The spore surface.

C. Spores with spines. Actinomyces viridochromogenes strain 93.

D. Spores with hairs. Actinomyces viridochromogenes strain 93 on other media.

Figure VI. The spore surface.