

Name: ***Actinoplanes campanulatus***

Authors: (Couch 1963) Stackebrandt and Kroppenstedt 1988

Status: New Combination

Literature: Int. J. Syst. Bacteriol. 38:328 (validation list)

Risk group: 1 (German classification)

Comment: new combination inadvertently omitted from List No. 26; Erratum IJSB 39:94

Type strain: ATCC 15348, CBS 190.64, DSM 43148, IFO 12511, KCC A-0059, UNCC 65

Synonyms: *Ampullariella campanulata* (basonym)

Author(s) Stackebrandt, E., Kroppenstedt, R. M.

Title Union of the genera *Actinoplanes* Couch, *Ampullariella* Couch, *Amorphosporangium* Couch in a redifined genus *Actinoplanes*.

Journal Syst. Appl. Microbiol.

Volume 9

Page(s) 110-114

Year 1987

Genus: *Actinoplanes*

FH 2288

Species: *campanulatus*

Numbers in other collections: IMET 9244

Former *Ampullariella campanulata*

Morphology:

<u>ISP 2</u>	G	R
	good	pastel yellow
	A	SP
<u>ISP 3</u>	none	none
	G	R
	good	pastel yellow
<u>ISP 4</u>	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	pastel yellow
	A	SP
	none	none
<u>ISP 6</u>	G	R
	sparse	pastel yellow
	A	SP
<u>ISP 7</u>	none	none
	G	R
	good	pastel yellow
	A	SP
	none	none

Spore chains:

Spore surface: smooth

Sporangia: +

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: 0 %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 28 °C

Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	-	+	-	-	-	-	+	-	-

Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H ₂ S
-	-	+	+	-	-	+	+	+	-	-

Comments:



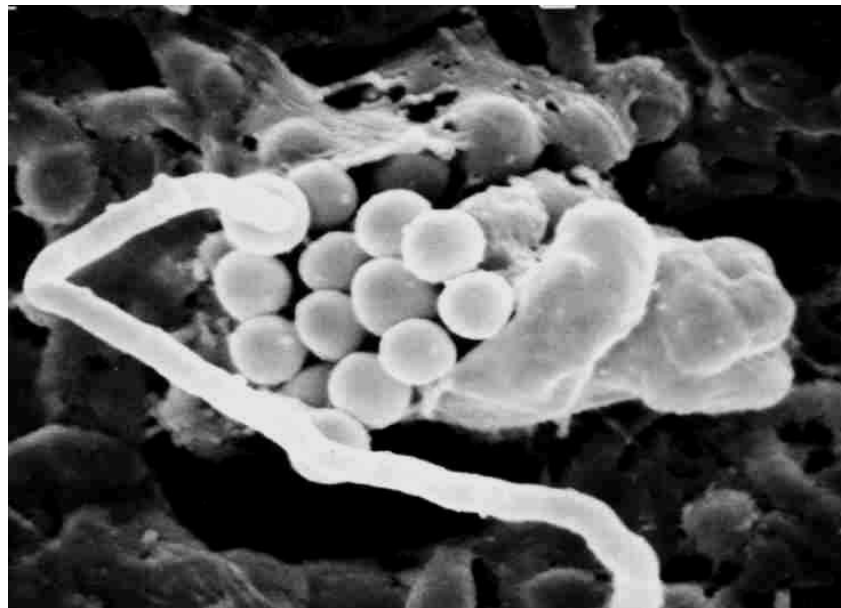
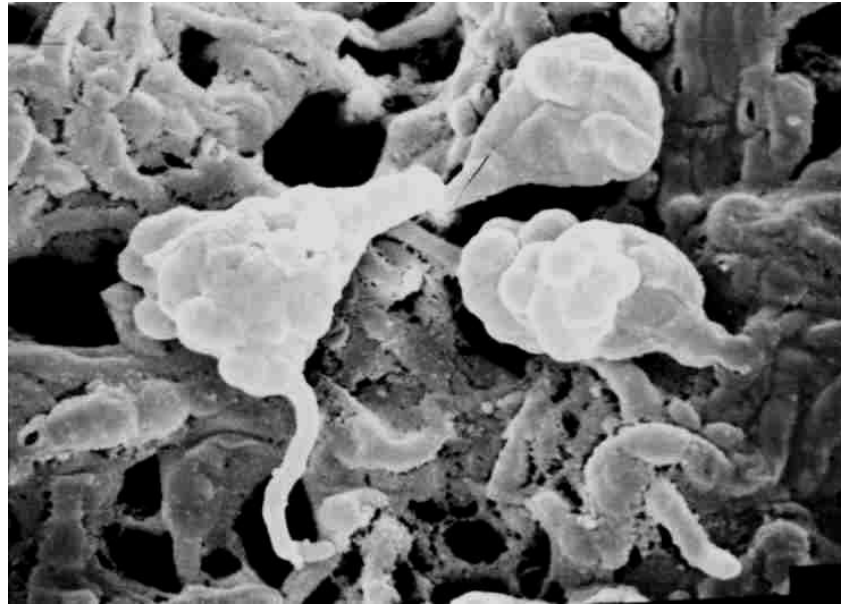
Actinoplanes campanulatus

A and B – Agar plates medium 5265, 5323, 5315 and 5317



Actinoplanes campanulatus

C and D – Agar plates medium 5318, 5322, 5337 with and without tyrosine



Actinoplanes campanulatus
Sporangia and Spores in SEM
E x 5.000 F x 10.000