

Name: ***Nonomuraea angiospora***

Authors: (Zhukova et al. 1968) Zhang et al. 1998

Status: New Combination, Corrected Name

Literature: Int. J. Syst. Bacteriol. 48:419

Risk group: 1 (German classification)

Comment: nom. corrig.: IJSB 49:1623\*; *Nonomuria angiospora* (sic)

Type strain: DSM 43173, IFO 13155, KCC A-0109, LIA 3479-30

Synonyms: *Micropolyspora angiospora* (basonym),  
*Microtetrasporea angiospora* (basonym)

Author(s) Zhang, Z., Wang, Y., Ruan, J.  
Title Reclassification of *Thermomonospora* and *Microtetrasporea*.  
Journal Int. J. Syst. Bacteriol.  
Volume 48  
Page(s) 411-422  
Year 1998

**Genus:** *Nonomuraea*

FH 2488

**Species:** *angiospora*

**Numbers in other collections:** IFO 13155

**Former Actinomadura angiospora**

Morphology:

	G	R
<u>ISP 2</u>	good	beige
	A	SP
	sparse/white	none
	G	R
<u>ISP 3</u>	good	colorless
	A	SP
	white	none
	G	R
<u>ISP 4</u>	good	lemon yellow
	A	SP
	white	none
	G	R
<u>ISP 5</u>	good	lemon yellow
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	green brown
	A	SP
	none	none

Spore chains: \_\_\_\_\_

Spore surface:

Sporangia:

Fragmentation:

**Melanoid pigment:** - - - -

**NaCl resistance:** 2,5 %

**Lysozyme resistance:** -

**pH:** Value- Optimum-

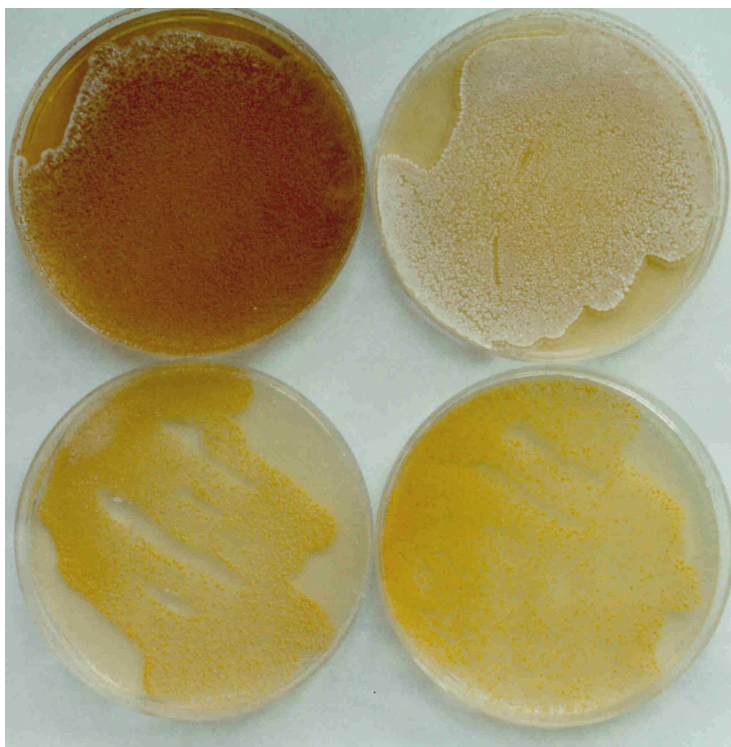
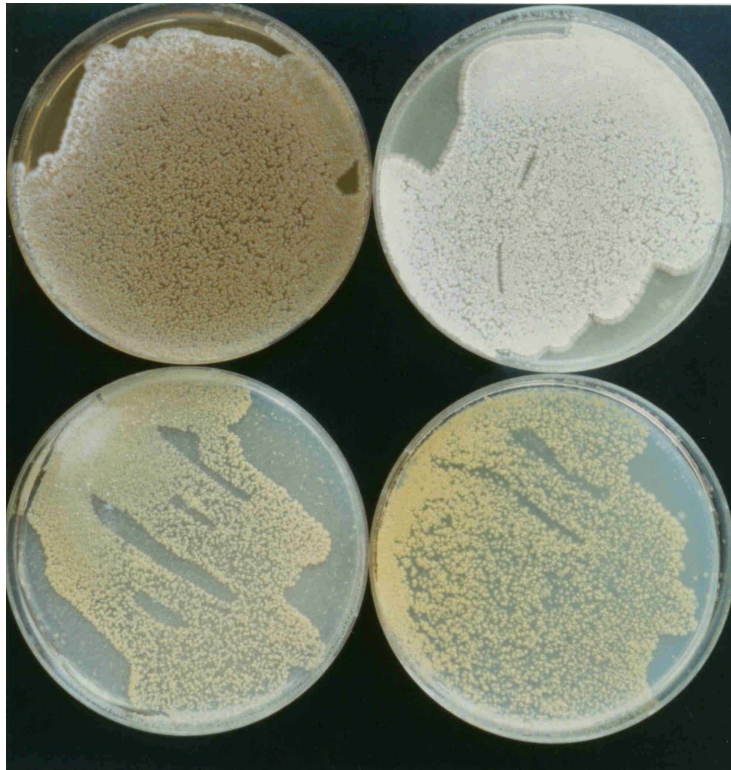
**Temperature :** Value- Optimum- 37 °C

**Carbon utilization:**

Glu Ara Suc Xyl Ino Man Fru Rha Raf Cel

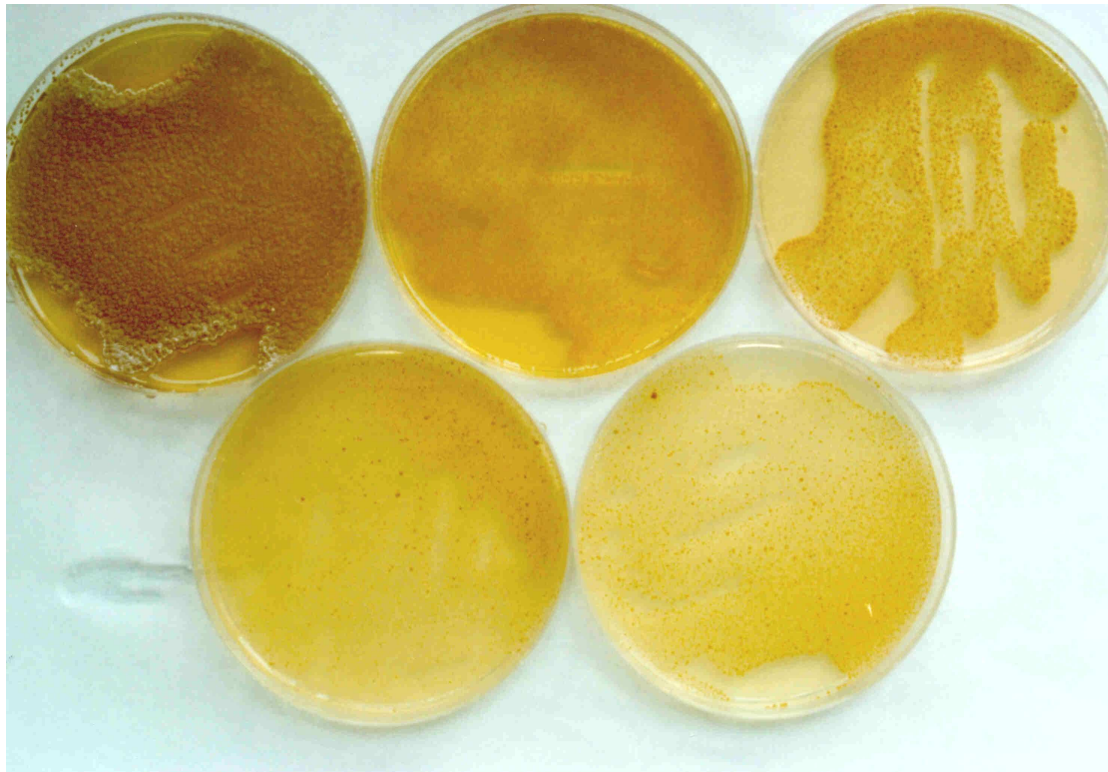
**Enzymes:**

Gel Cit Ure Arg Onp Trp Lys Odc VP Ind H2S  
 + - + + - - + + - - -  
 2+ 3- 4+ 5- 6+ 7- 8- 9+ 10+ 11- 12+ 13+ 14- 15- 16+ 17- 18+ 19- 20-



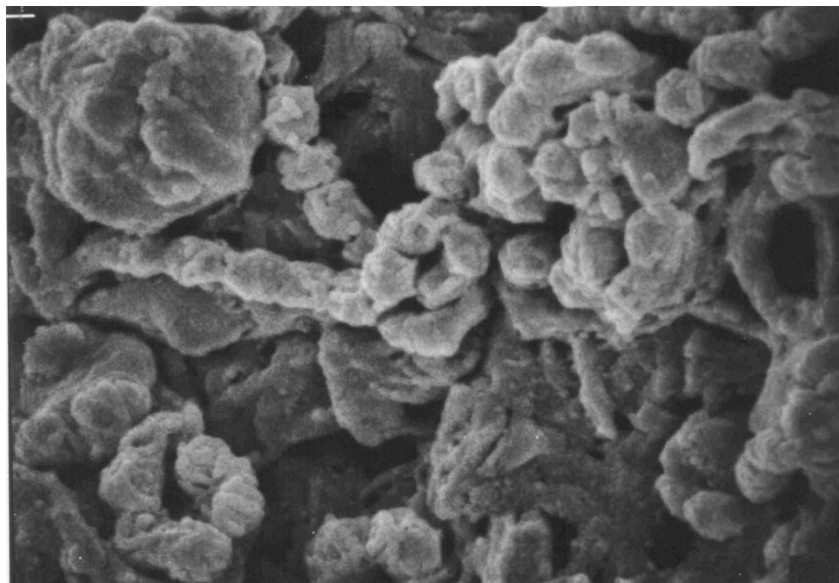
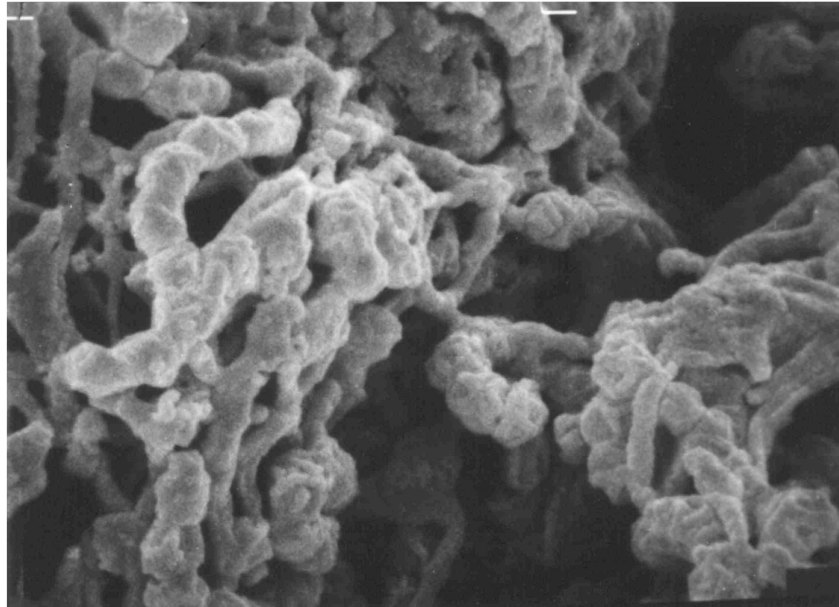
***Nonomuraea angiospora***

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



***Nonomuraea angiospora***

C- Agar plates medium 5006, 5318, 5322, 5337 with and without tyrosine



***Nonomuraea angiospora***

Spore chains and spore surface in SEM

D x 7.500 E x 10.000