

Name: ***Nonomuraea africana***

Authors: (Preobrazhenskaya and Sveshnikova 1974)
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 africana* (sic)

Type strain: ATCC 35107, DSM 43748, INA 1839

Synonyms: *Actinomadura africana* (basonym),
Nocardiopsis africana (basonym),
Microtetraspora africana (basonym)

Author(s) Preobrazhenskaya, T. P., Sveshnikova, M. A., Gauze, G. F.
Title On the transfer of certain species of the genus *Actinomadura*
Lechevalier and Lechevalier 1970 to the genus *Nocardiopsis*
Meyer 1976.

Journal Mikrobiologiya
Volume 51
Page(s) 111-113
Year 1982

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

Fatty acid pattern:

14 : 0 Iso	3,0	16 : 0 Iso 2 OH	4,0
14 : 0	3,0	17 : 0	3,0
15 : 0 Iso	4,0	17 : 0 10methyl	23,0
15 : 0	4,0	18 : 1 cis9	4,0
16 : 1 Iso G	3,0	18 : 0	3,0
16 : 0 Iso	17,0		
16 : 1 cis 9	5,0		
16 : 0	6,0		
16 : 0 10methyl	3,0		
17 : 0 Iso	1,0		
17 : 1 cis9	11,0		



Nonomuraea africana

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

Genus: *Nonomuraea*

FH 2370

Species: *africana*

Numbers in other collections: DSM 43748

Former Actinomadura africana

Morphology:

	G	R
<u>ISP 2</u>	good	salmon orange
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	salmon orange
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	salmon orange
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	salmon orange
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	colorless
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	salmon orange
	A	SP
	none	none

Spore chains:

Spore surface:

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: 2,5 %

Lysozyme resistance: -

pH: Value- Optimum-

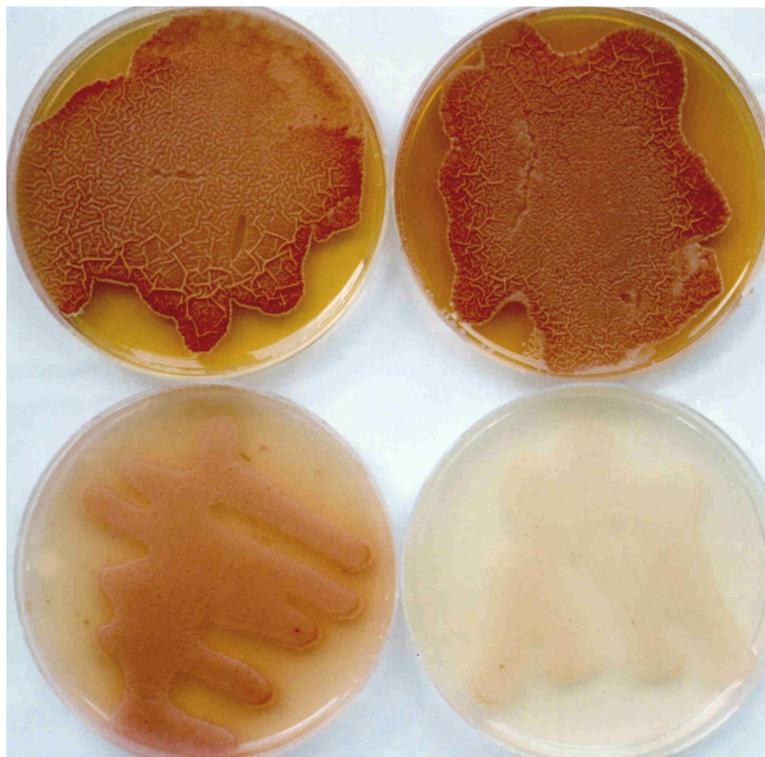
Temperature : Value- Optimum- 30 °C

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+			



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A and B – Agar plates medium 5006, 5265, 5315 and 5323