

Name: ***Nonomuraea dietziae***
Authors: Stackebrandt et al. 2001
Status: New Species, Corrected Name
Literature: Int. J. Syst. Bacteriol. 51:1439
Risk group: 1 (German classification)
Comment: nom. corrig.: *Nonomuraea dietzii* (sic)
Type strain: DSM 44320, NRRL 11111

Author(s) Dietz, A., Li, G. P.
Title *Sebekia*, a new genus of the family *Actinoplanaceae*.
Journal Abstr. Ann. Meeting Am. Soc. Microbiol.
Volume I 63
Year 1982

Author(s) Stackebrandt, E., Wink, J., Steiner, U., Kroppenstedt, R. M.
Title *Nonomuraea dietzii* sp. nov.
Journal Int. J. Syst. Evol. Microbiol.
Volume 51
Page(s) 1437-1441
Year 2001

Genus: *Nonomuraea*

FH 2205

Species: *dietzii*

Numbers in other collections: NRRL 11111

Former "*Sebekia benihana*"

Morphology:

	G	R
<u>ISP 2</u>	good	brown
	A	SP
	red brown	none
	G	R
<u>ISP 3</u>	good	beige
	A	SP
	beige	yellow
	G	R
<u>ISP 4</u>	good	pink
	A	SP
	pink	none
	G	R
<u>ISP 5</u>	good	rose
	A	SP
	antique rose	none
	G	R
<u>ISP 6</u>	good	rose
	A	SP
	white	none
	G	R
<u>ISP 7</u>	good	pink
	A	SP
	pink	none

Spore chains: RF

Spore surface: warty

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: 2,5 %

Lysozyme resistance: -

pH: Value- Optimum-

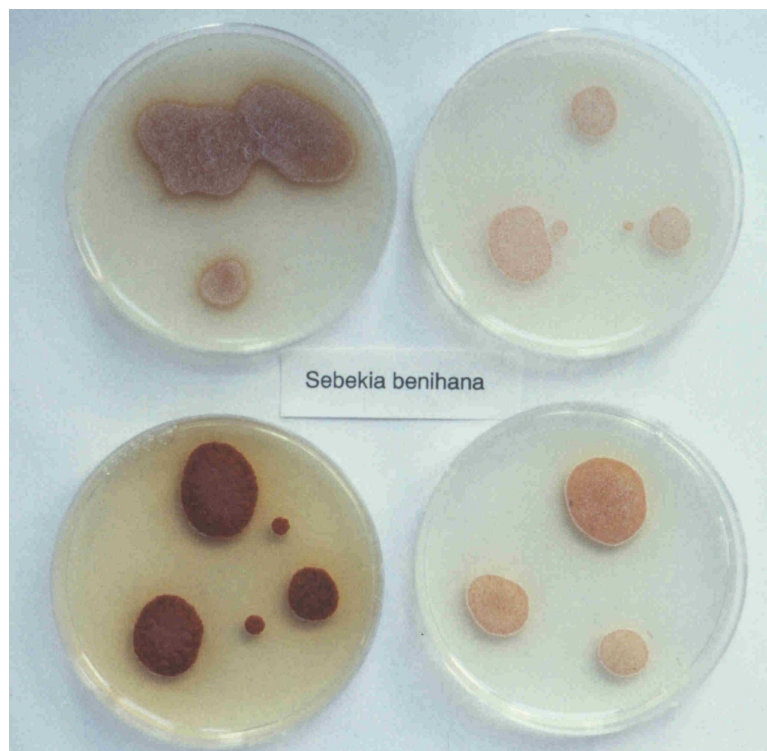
Temperature : Value- Optimum- 30 °C

Carbon utilization:

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

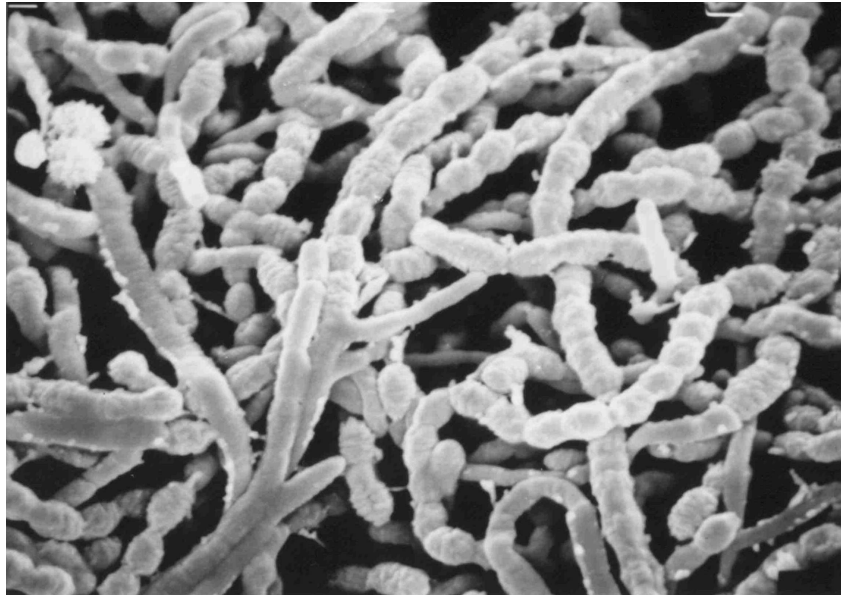
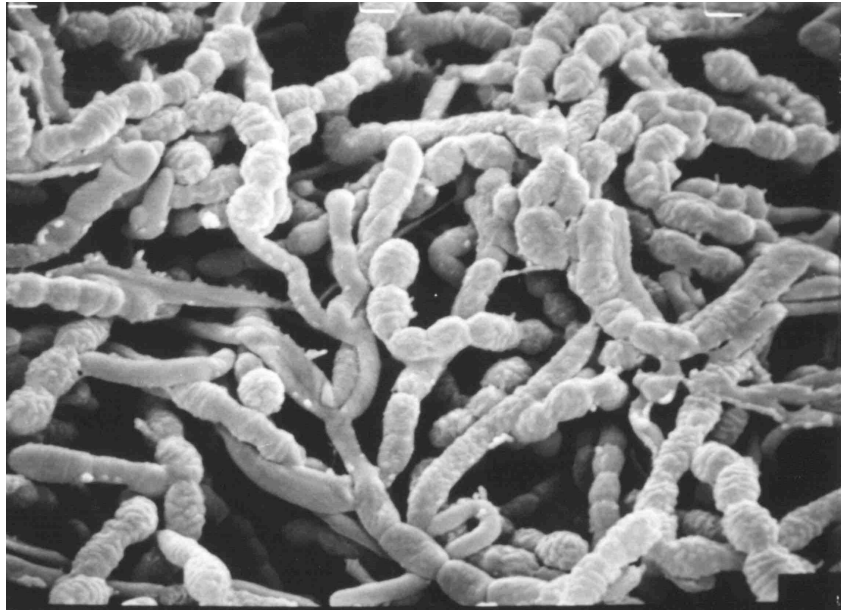
Enzymes:

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-			



Nonomuraea ditziae

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



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Spore chains and spore surface in SEM
C and D x 5.000