

Name: *Nocardia transvalensis*

Authors: Pijper and Pullinger 1927

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:338 (AL)

Risk group: 2 (German classification)

Type strain: ATCC 6865, DSM 43405, IMET 7500,  
NCTC 2392



**Genus:** *Nocardia*

**FH 2405**

**Species:** *transvalensis*

**Numbers in other collections:** **DSM 43405**

Morphology:

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

Spore chains:

Spore surface: smooth

Sporangia:

Fragmentation: +

**Melanoid pigment:** - - - -

**NaCl resistance:** 2,5 %

**Lysozyme resistance:** 100 ug

**pH:** Value- 5-8 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
-	+	+	-	-	-	-	-	-	-	-

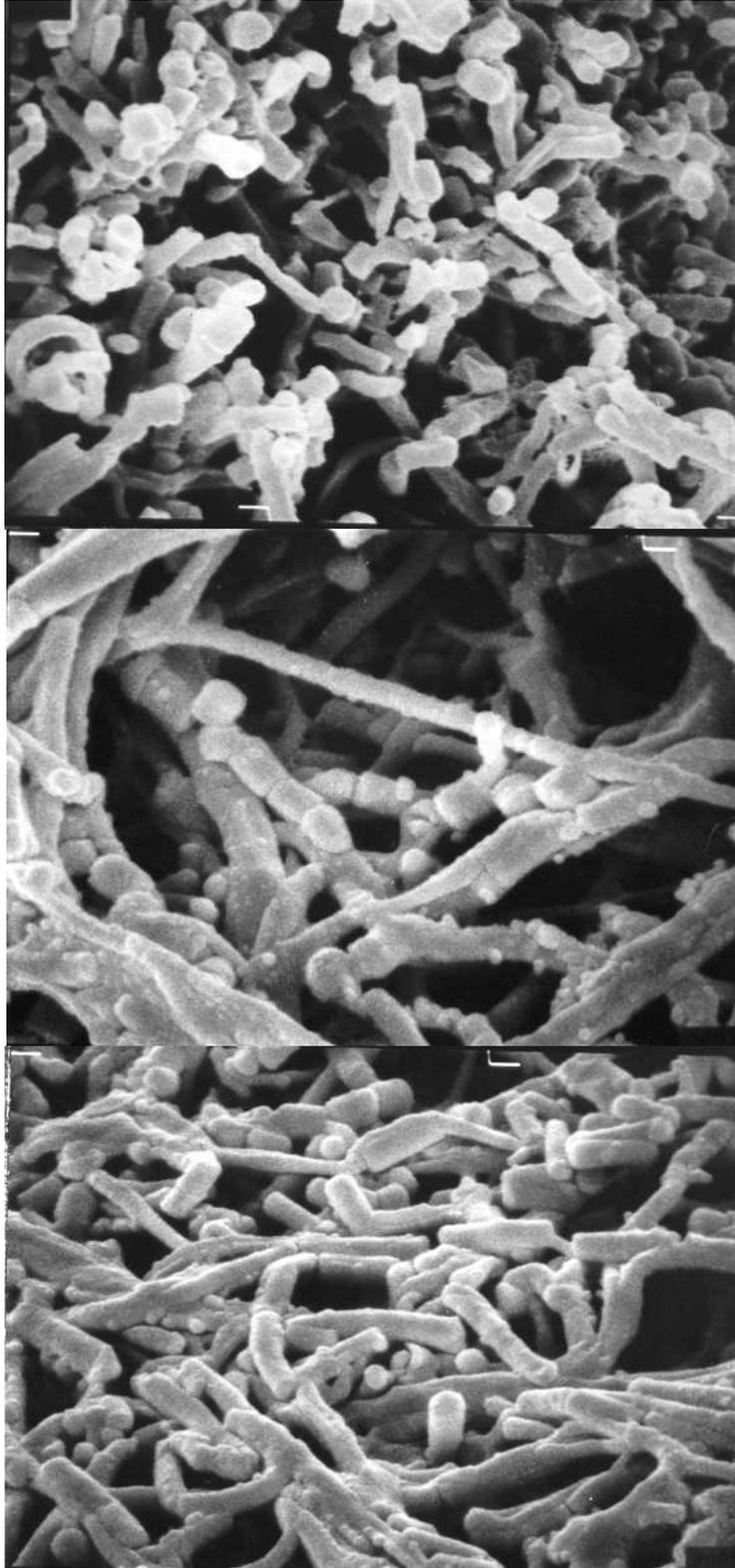
**Comments:**



***Nocardia transvalensis***

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

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



***Nocardia transvalensis***

Fragmentation of vegetative aerial mycelium in SEM

E – G x 7.500