

Name:	<i>Streptomyces poonensis</i>
Authors:	(Thirumalachar 1960) Pridham 1970
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:396 (AL)
Risk group:	1 (German classification)
Type strain:	ATCC 15723, IFO 13485, IMET 43406, ISP 5596, RIA 1446, DSM 40596
Other names:	<i>Chainia poonensis</i> (objective synonym)

Genus: *Streptomyces*

FH 2459

Species: *poonensis*

Numbers in other collections: IMET 43406

Morphology:

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

Spore chains: Sp

Spore surface: smooth

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance:

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 H2S
+ + + - - - - + - -

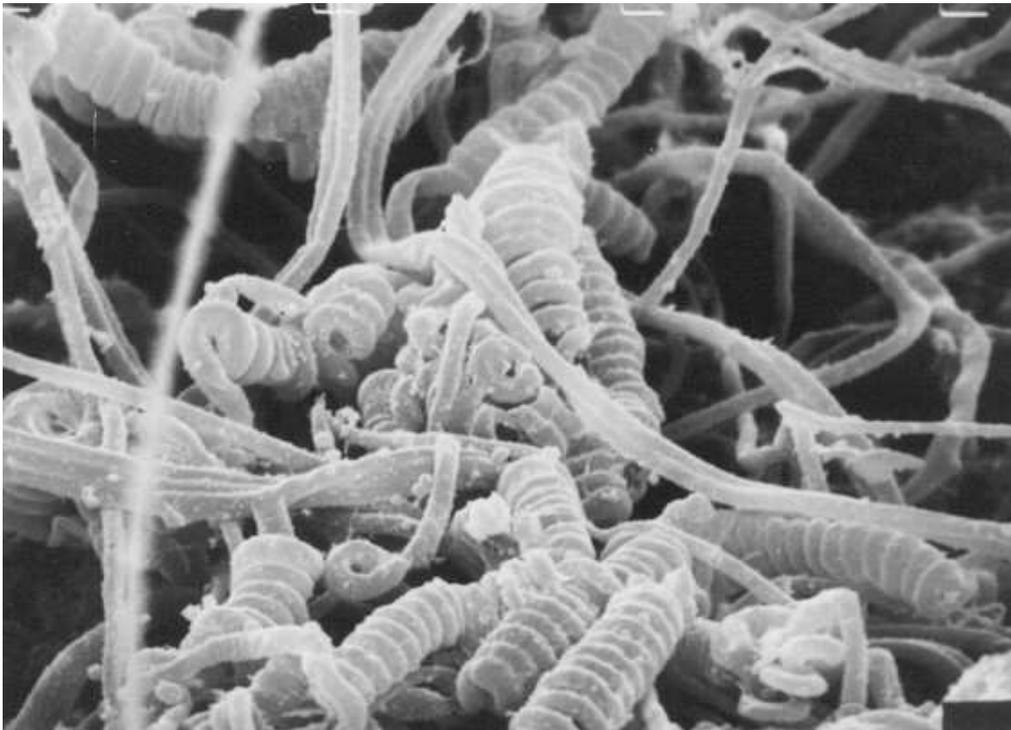
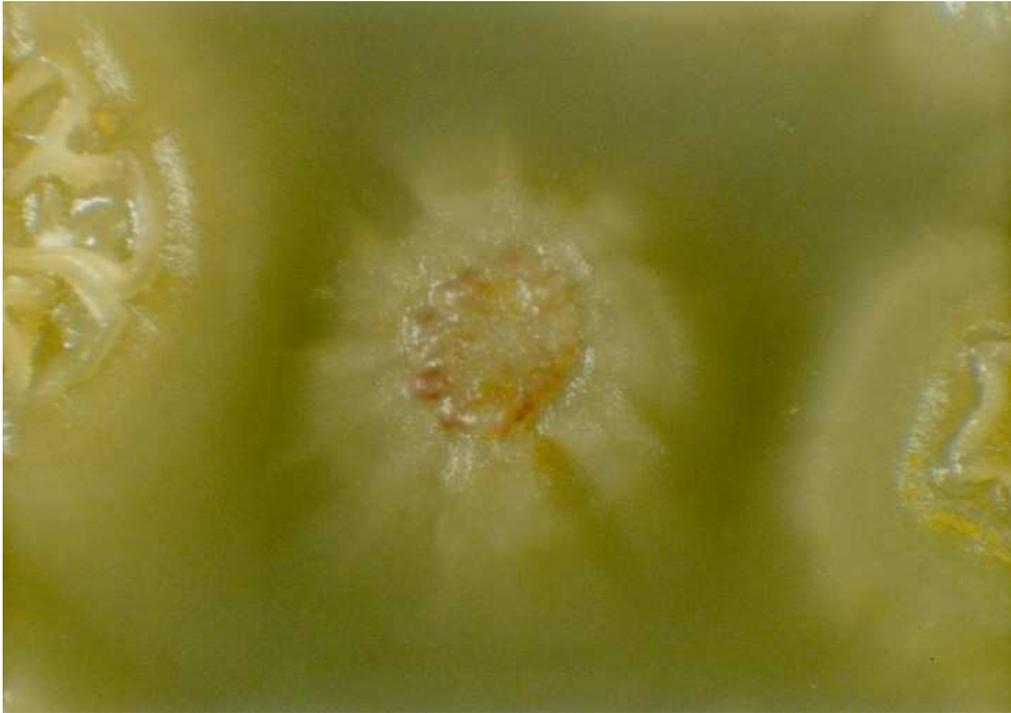
Comments: Former Chainia poonensis, forms sclerotia



Streptomyces poonensis

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

B – Agar plates medium 5006, 5318, 5322, 5337 with and without tyrosine



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C – Colony detail on medium 5315

D – Spore chain morphology in SEM (x 5.000)