

Name:	<i>Oerskovia turbata</i>
Authors:	(Erikson 1954) Prauser et al. 1970 emend. Stackebrandt et al. 2002
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:339 (AL) 52:1109
Comment:	transferred to the genus <i>Cellulomonas</i> 1982; re-evaluated 2002
Type strain:	ATCC 25835, DSM 20577, IMET 7405
Other names:	<i>Cellulomonas turbata</i>

Prauser, H., Lechevalier, M.P. and Lechevalier, H.A. 1970
Description of *Oerskovia* gen. nov. to harbor Oerskov's motile *Nocardia*.
Appl. Microbiol. 19: 534

Stackebrandt, E., Breymann, S., Steiner, U., Prauser, H., Weiss, N. and
Schumann, P. 2002.

Re-evaluation of the status of the genus *Oerskovia*, reclassification of
Promicromonospora enterophila (Jager et al. 1983) as *Oerskovia*
enterophila comb. nov. and description of *Oerskovia jenensis* sp. nov.
and *Oerskovia paurometabola* sp. nov.

Int. J. Syst. Evol. Microbiol. 52:1105-1111

Genus: *Oerskovia*

FH 1550

Species: *turbata*

Numbers in other collections: ATCC 25835

Morphology:

<u>ISP 2</u>	G	R
	sparse	beige
	A	SP
<u>ISP 3</u>	none	none
	G	R
	good	sulfur yellow
<u>ISP 4</u>	A	SP
	good	broom yellow
	G	R
<u>ISP 5</u>	good	broom yellow
	A	SP
	none	none
<u>ISP 6</u>	G	R
	sparse	broom yellow
	A	SP
<u>ISP 7</u>	none	none
	G	R
	good	broom yellow
	A	SP
	none	none

NaCl resistance: 7,5%

Temperature: Value- °C Optimum- 30°C

Carbon utilization:

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

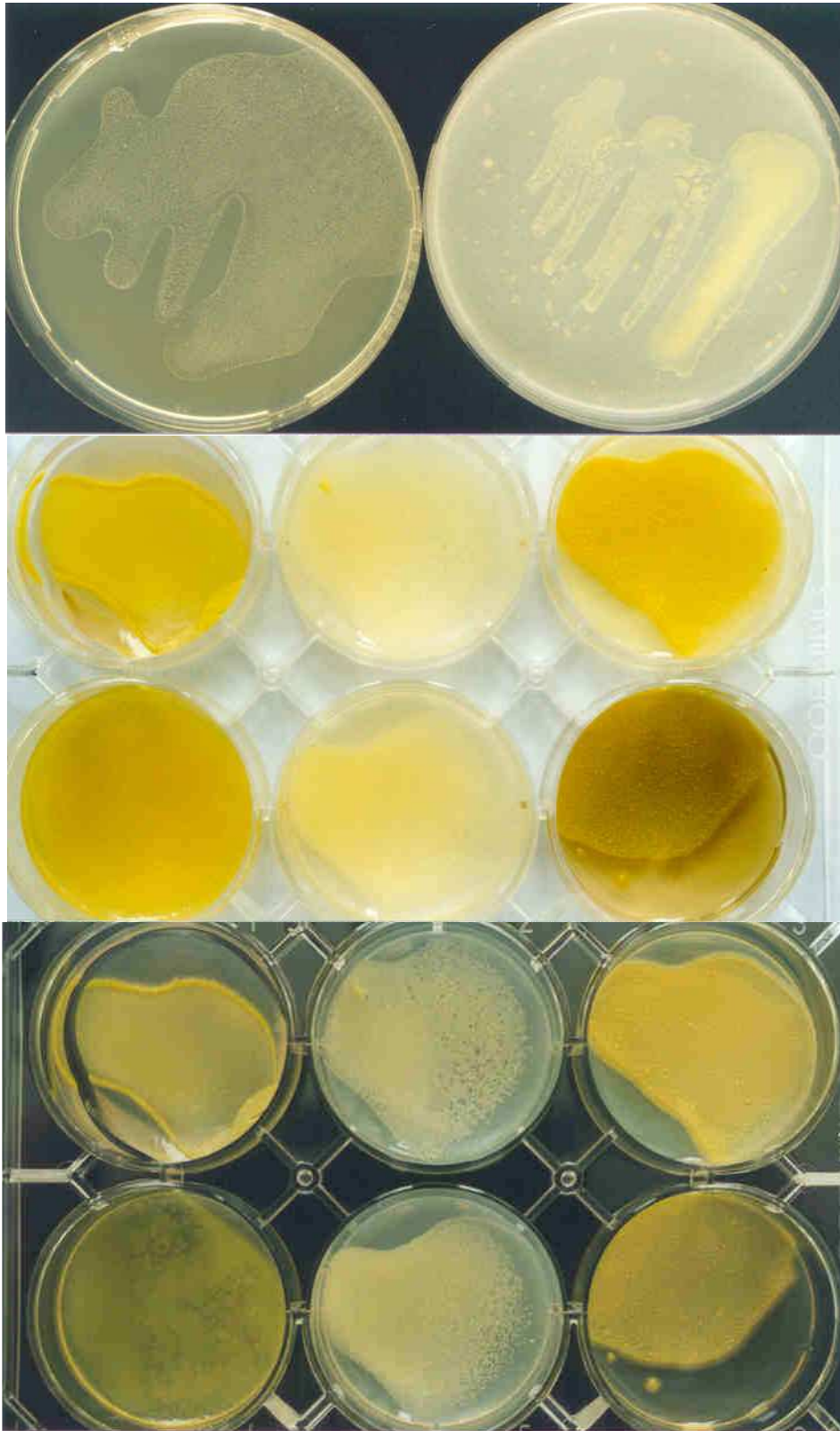
Acid from (Api 20E):

Glu	Man	Ino	Sor	Rha	Sac	Mel	Amy	Ara
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Enzymes:

Api 20E	Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S	
	-	-	-	-	-	-	-	-	+	-	-	
ApiZym	2	3	4	5	6	7	8	9	10	11	12	
	+	+	+	-	+	(+)	-	-	-	+	+	
	13	14	15	16	17	18	19	20				
	-	+	-	+	+	+	-	-				
ApiCoryne		Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
		+	-	+	+	-	+	+	+	+	-	-
		Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
		+	+	+	+	+	+	+	+			

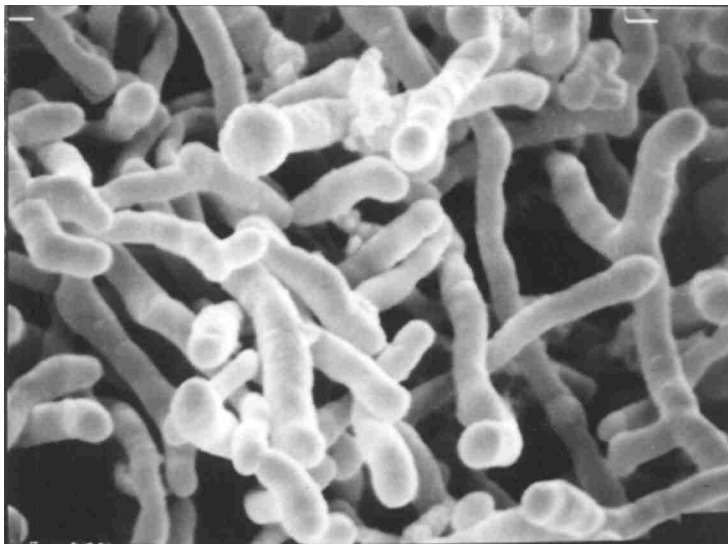
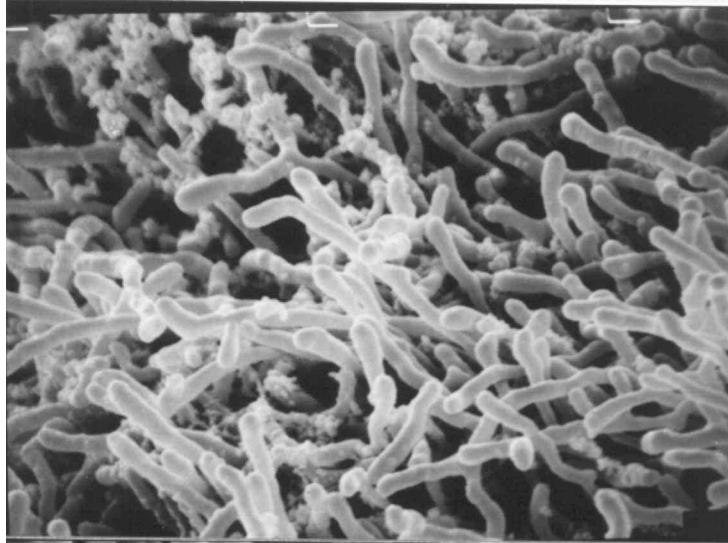
Comments: broom yellow on 5006



Oerskovia turbata

A – Agar plates medium 5265 and 5315

B and C – Micro plate with ISP- and melanin media



Oerskovia turbata

Saccing electron microscopy

D x 7.500

E x 10.000