Name:	*Leifsonia xyli* subsp. *cynodontis*
Authors:	(Davis et al. 1984) Evtushenko et al. 2000
Status:	New Combination
Literature:	Int. J. Syst. Bacteriol. 50:378
Risk group:	1 (German classification)
Comment:	see also *Leifsonia cynodontis* Suzuki et al. 2000
Type strain:	ATCC 33973, DSM 46306, ICMP 8790, IMET 11020, JCM 1376, NCIB 11927, TB1A, VKM Ac-2041
Synonyms:	*Clavibacter xyli* subsp. *cynodontis* (basonym), *Leifsonia cynodontis*

Author(s)	Davis, M. J., Gillaspie, A. G., Vidaver, A. K., Harris, R. W.
Title	*Clavibacter*: a new genus containing some phytopathogenic coryneform bacteria, including *Clavibacter xyli* subsp. *xyli* sp. nov., subsp. nov. and *Clavibacter xyli* subsp. *cynodontis* subsp. nov., pathogens that cause ratoon stunting disease of sugarcane and bermudagrass stunting disease.
Journal	Int. J. Syst. Bacteriol.
Volume	34
Page(s)	107-117
Year	1984

Author(s)	Evtushenko, L. I., Dorofeeva, L. V., Subbotin, S. A., Cole, J. R., Tiedje, J. M.
Title	*Leifsonia poae* gen. nov., sp. nov., isolated from nematode galls on *Poa annua*, and reclassification of '*Corynebacterium aquaticum*' Leifson 1962 as *Leifsonia aquatica* (*ex* Leifson 1962) gen. nov., nom. rev., comb. nov. and *Clavibacter xyli* Davis *et al.* 1984 with two subspecies as *Leifsonia xyli* (Davis *et al.* 1984) gen. nov., comb. nov.
Journal	Int. J. Syst. Evol. Microbiol.
Volume	50
Page(s)	371-380
Year	2000

Genus: ***Leifsonia*** **FH 2855**
Species: ***xyli*** **Subspecies:** ***cynodontis***
Numbers in other collections: DSM 46306
Synonym of Clavibacter xyli subsp. cynodontis

Morphology:

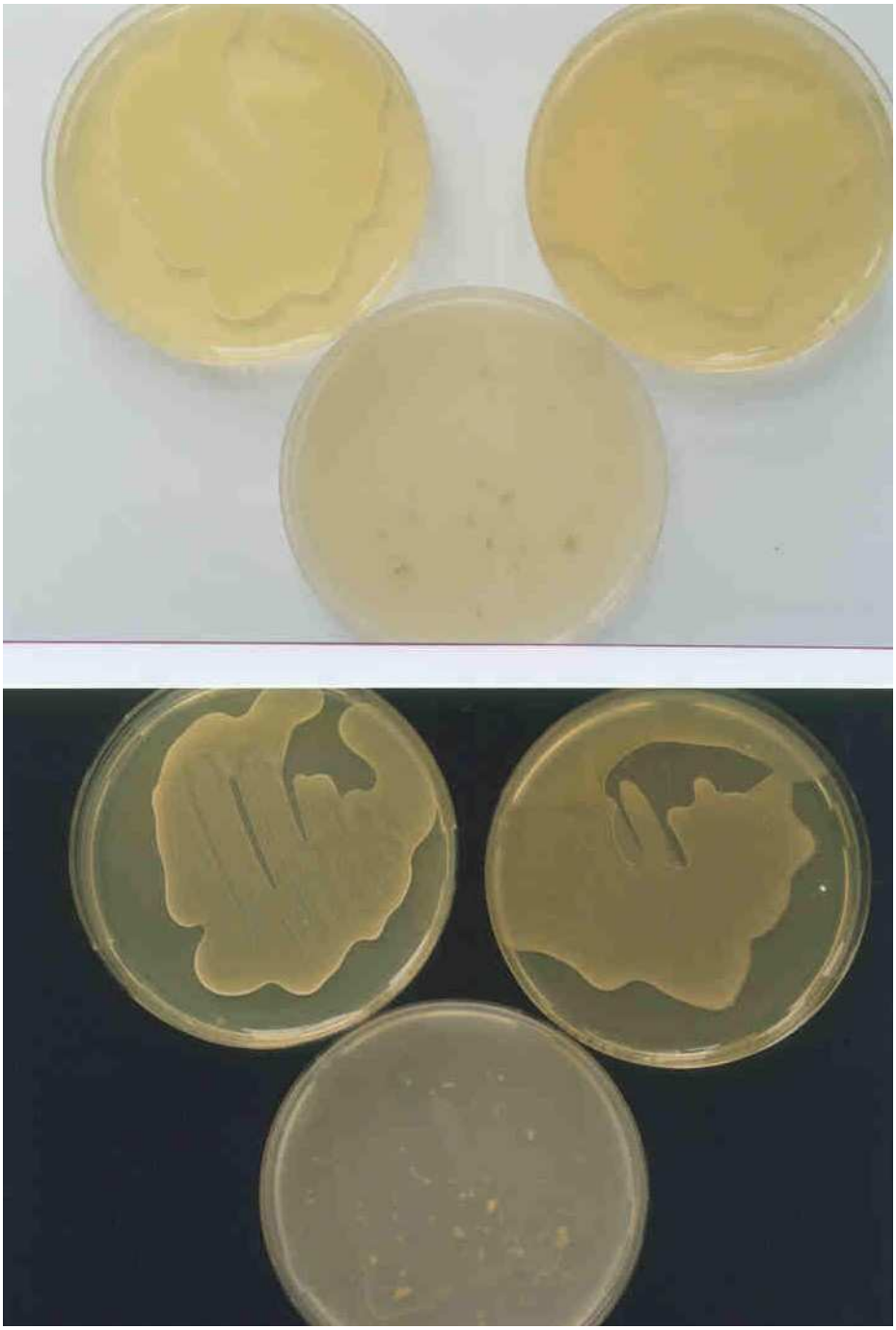
	G	R
ISP 2	good	light ivory
	A	SP
	none	none
	G	R
ISP 3	sparse	none
	A	SP
	none	none
	G	R
ISP 4	good	zinc yellow
	A	SP
	none	none
	G	R
ISP 5	sparse	none
	A	SP
	none	none
	G	R
ISP 6	none	
	A	SP
	G	R
ISP 7	sparse	none
	A	SP
	none	none

Spore chains: Spore surface:
Sporangia: Fragmentation:
Melanoid pigment: - - - -
NaCl resistance: 5 %
Lysozyme resistance:
pH: Value- Optimum-
Temperature : Value- Optimum-
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-		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	-	-	+	-	-	-	-	-	+	-
Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
-	-	-	-	-	-	-	+			



Leifsonia xyli* subsp. *cynodontis
A and B – Agar plates medium 5006, 5265 and 5315

Leifsonia xyli* subsp. *cynodontis
C – Microplate with ISP- and melanin media
D – Api Coryne, Zym and 20E (from the top)