F Total Α B D No. % % % % % No. % No. % No. No. No. No. Geotrichum 60 68.2 50 57.5 23 51.1 20 45.5 25 75.8 16 55.2 194 59.5

Wastewater treatment plant<sup>a</sup>

Table 1 Prevalence of isolated fungi in sewage sludge samples from different wastewater treatment plants in Sari city, as cultured on SCC media

Genus

SCC = Sabouraud's dextrose agar with cycloheximide and chloramphenicol.

Geotiferiairi	00	00.2	50	37.13		5		.5.5		, 5.0		33.2		57.5
Cladosporium	11	12.5	16	18.4	16	35.6	_	-	2	6.1	-	_	45	13.8
Alternaria	1	1.1	21	24.1	5	11.1	-	-	-	-	10	34.5	37	11.3

				_										
9	10.2	-	-	1	2.2	19	43.2	4	12.1	2	6.9	35	10.7	
5	5.7	_	-	-	-	5	11.4	2	6.1	1	3.4	13	4.0	
1	1.1	-	-	-	-	-	-	-	-	-	-	1	0.3	
	5	9 10.2 5 5.7	9 10.2 – 5 5.7 –	9 10.2 – – 5 5.7 – –	9 10.2 1 5 5.7	9 10.2 1 2.2 5 5.7	9 10.2 1 2.2 19 5 5.7 5	9 10.2 - - 1 2.2 19 43.2   5 5.7 - - - - 5 11.4	9 10.2 1 2.2 19 43.2 4 5 5.7 5 11.4 2	9 10.2 - - 1 2.2 19 43.2 4 12.1   5 5.7 - - - - 5 11.4 2 6.1	9 10.2 1 2.2 19 43.2 4 12.1 2 5 5.7 5 11.4 2 6.1 1	9 10.2 1 2.2 19 43.2 4 12.1 2 6.9 5 5.7 5 11.4 2 6.1 1 3.4	9 10.2 1 2.2 19 43.2 4 12.1 2 6.9 35 5 5.7 5 11.4 2 6.1 1 3.4 13	9 10.2 1 2.2 19 43.2 4 12.1 2 6.9 35 10.7

Aspergillus 1.1 0.3

88 87 33 29 Total 100.0 100.0 45 100.0 44 100.0 100.0 100.0 326 100.0

aSamples were taken from the following wastewater treatment plants: A = wood and paper factory, B = dairy factory, C = wood factory, D = local yillage, E = slaughterhouse, F

= soft drink production factory, G = school of medicine. No fungal growth was observed from plant G.