

Supplementary Tables

Table S1. List of bacterial isolates from nectar of *Asphodelus aestivus* in the four sites (Goral, Nativ, Bashan and Golan) and within each treatment (open or bagged). In the table, number of isolates and (in parentheses) coverage and percentage of the 16S rRNA gene similarities to the closest known species, respectively.

Class	Closest relative in GenBank database	Goral	
		Open	Bagged
Actinobacteria	<i>Agromyces salentinus</i>		
	<i>Arthrobacter humicola</i>		
	<i>Arthrobacter nitroguajacolicus</i>		2 (809, 898; 99.5,99.8)
	<i>Arthrobacter oryzae</i>		1 (580; 99.4)
	<i>Arthrobacter oxydans</i>	1 (791; 100)	2 (703, 793; 99.9,100)
	<i>Arthrobacter pascens</i>		1 (721; 99.6)
	<i>Arthrobacter phenanthrenivorans</i>		
	<i>Brevibacterium frigoritolerans</i>		
	<i>Curtobacterium flaccumfaciens</i>	1 (745; 100)	
Bacilli	<i>Microbacterium foliorum</i>		
	<i>Bacillus aerophilus</i>		
	<i>Bacillus anthracis</i>		1 (875; 98.6)
	<i>Bacillus aryabhatai</i>	1 (785; 100)	1 (683; 100)
	<i>Bacillus endophyticus</i>		
	<i>Bacillus flexus</i>		
	<i>Bacillus licheniformis</i>	1 (869; 99.7)	
	<i>Bacillus megaterium</i>	1 (768; 99.7)	
	<i>Bacillus mojavensis</i>	1 (862; 100)	
	<i>Bacillus nealsonii</i>		1 (700; 99.0)
	<i>Bacillus niacini</i>		1 (718; 99.8)
	<i>Bacillus safensis</i>	3 (770, 791, 806; 99.8-100)	
	<i>Bacillus simplex</i>	2 (764, 794; 100)	1 (752; 100)
	<i>Bacillus sonorensis</i>	1 (877; 99.0)	
	<i>Bacillus subtilis</i> subsp. <i>inaquosorum</i>	1 (769; 99.9)	
	<i>Bacillus tequilensis</i>	7 (701, 782, 782, 782 786, 812, 832; 99.9)	
	<i>Brevibacillus agri</i>		
	<i>Fictibacillus nanhaiensis</i>		1 (778; 99.5)
	<i>Leuconostoc holzapfelii</i>		
	<i>Lysinibacillus sinduriensis</i>		
	<i>Scopulibacillus darangshiensis</i>	1 (799; 95.0)	
	<i>Staphylococcus arlettae</i>	1 (829; 100)	
	<i>Staphylococcus cohnii</i> subsp. <i>cohnii</i>		
	<i>Staphylococcus cohnii</i> subsp. <i>urealyticus</i>		3 (710, 718, 782; 100)
	<i>Staphylococcus epidermidis</i>		
	<i>Staphylococcus hominis</i> subsp. <i>hominis</i>		
	<i>Staphylococcus warneri</i>		1 (709; 100)
	<i>Terribacillus saccharophilus</i>		
Alphaproteobacteria	<i>Gluconobacter kondonii</i>		
	<i>Gluconobacter morbifer</i>		
	<i>Gluconobacter sphaericus</i>		
	<i>Neokomagataea tanensis</i>		
Gammaproteobacteria	<i>Acinetobacter boissieri</i>		
	<i>Acinetobacter nectaris</i>		
	<i>Erwinia persicina</i>		
	<i>Erwinia toletana</i>	2 (779, 865; 99.7)	1 (773; 99.7)
	<i>Flavimonas oryzihabitans</i>	1 (843; 99.2)	
	<i>Lonsdalea quercina</i>		
	<i>Pantoea eucalypti</i>		
	<i>Pseudomonas azotoformans</i>		
	<i>Pseudomonas baetica</i>		
	<i>Pseudomonas cedrina</i> subsp. <i>fulgida</i>		
	<i>Pseudomonas congelans</i>		
	<i>Pseudomonas graminis</i>		1 (870; 99.4)
	<i>Pseudomonas koreensis</i>		1 (741; 100)
	<i>Pseudomonas lini</i>		
	<i>Pseudomonas lutea</i>		1 (812; 100)
	<i>Pseudomonas mohnii</i>		1 (598; 99.6)
	<i>Pseudomonas syringae</i>		
	<i>Pseudomonas viridiflava</i>		
	<i>Rosenbergiella nectarea</i>	1 (867; 99.5)	
Total		26	21

Class	Closest relative in GenBank database	Open	Nativ	Bagged
Actinobacteria	<i>Agromyces salentinus</i>			
	<i>Arthrobacter humicola</i>			
	<i>Arthrobacter nitroguajacolicus</i>			
	<i>Arthrobacter oryzae</i>			
	<i>Arthrobacter oxydans</i>			
	<i>Arthrobacter pascens</i>			
	<i>Arthrobacter phenanthrenivorans</i>			
	<i>Brevibacterium frigoritolerans</i>			
	<i>Curtobacterium flaccumfaciens</i>			
Bacilli	<i>Microbacterium foliorum</i>			
	<i>Bacillus aerophilus</i>			
	<i>Bacillus anthracis</i>			
	<i>Bacillus aryabhatai</i>			
	<i>Bacillus endophyticus</i>			
	<i>Bacillus flexus</i>			
	<i>Bacillus licheniformis</i>			
	<i>Bacillus megaterium</i>			
	<i>Bacillus mojavensis</i>			
	<i>Bacillus nealsonii</i>			1 (875; 99.2)
	<i>Bacillus niacini</i>			
	<i>Bacillus safensis</i>			
	<i>Bacillus simplex</i>			
	<i>Bacillus sonorensis</i>			
	<i>Bacillus subtilis subsp. inaquosorum</i>			1 (787; 99.9)
	<i>Bacillus tequilensis</i>	2 (737, 764; 99.9,100)		2 (716, 760; 99.9)
	<i>Brevibacillus agri</i>			
	<i>Fictibacillus nanhaiensis</i>			
	<i>Leuconostoc holzapfelii</i>			
	<i>Lysinibacillus sinduriensis</i>			
	<i>Scopulibacillus darangshiensis</i>			
	<i>Staphylococcus arlettae</i>			
	<i>Staphylococcus cohnii subsp. cohnii</i>			
	<i>Staphylococcus cohnii subsp. urealyticus</i>			
	<i>Staphylococcus epidermidis</i>			
	<i>Staphylococcus hominis subsp. hominis</i>			
	<i>Staphylococcus warneri</i>			
	<i>Terribacillus saccharophilus</i>			
Alphaproteobacteria	<i>Gluconobacter kondonii</i>			
	<i>Gluconobacter morbifer</i>			
	<i>Gluconobacter sphaericus</i>			
	<i>Neokomagataea tanensis</i>	2 (656, 810; 100)		
Gammaproteobacteria	<i>Acinetobacter boissieri</i>	1 (754; 100)		
	<i>Acinetobacter nectaris</i>	4 (773, 790, 807, 905; 99.8-100)		
	<i>Erwinia persicina</i>			
	<i>Erwinia toletana</i>			
	<i>Flavimonas oryzihabitans</i>			
	<i>Lonsdalea quercina</i>			
	<i>Pantoea eucalypti</i>			
	<i>Pseudomonas azotoformans</i>			
	<i>Pseudomonas baetica</i>			
	<i>Pseudomonas cedrina subsp. fulgida</i>			
	<i>Pseudomonas congelans</i>			
	<i>Pseudomonas graminis</i>			
	<i>Pseudomonas koreensis</i>			
	<i>Pseudomonas lini</i>			
	<i>Pseudomonas lutea</i>			
	<i>Pseudomonas mohnii</i>			
	<i>Pseudomonas syringae</i>			
	<i>Pseudomonas viridiflava</i>	1 (848; 100)		
	<i>Rosenbergiella nectarea</i>	1 (855; 98.9)		
Total		11		4

Class	Closest relative in GenBank database	Bashan	
		Open	Bagged
Actinobacteria	<i>Agromyces salentinus</i>		1 (709; 99.9)
	<i>Arthrobacter humicola</i>		
	<i>Arthrobacter nitroguajacolicus</i>		
	<i>Arthrobacter oryzae</i>	1 (723; 99.9)	1 (720; 99.9)
	<i>Arthrobacter oxydans</i>	2 (713, 542; 100)	
	<i>Arthrobacter pascens</i>		1 (782; 99.7)
	<i>Arthrobacter phenanthrenivorans</i>		1 (716; 98.7)
	<i>Brevibacterium frigiditolerans</i>		2 (735, 740; 100)
	<i>Curtobacterium flaccumfaciens</i>	2 (708, 765; 99.9-100)	
	<i>Microbacterium foliorum</i>		1 (710; 99.3)
Bacilli	<i>Bacillus aerophilus</i>	1 (778; 100)	1 (710; 100)
	<i>Bacillus anthracis</i>		
	<i>Bacillus aryabhatai</i>		
	<i>Bacillus endophyticus</i>	1 (739; 99.7)	
	<i>Bacillus flexus</i>	1 (721; 100)	
	<i>Bacillus licheniformis</i>		
	<i>Bacillus megaterium</i>		1 (698; 99.7)
	<i>Bacillus mojavensis</i>		
	<i>Bacillus nealsonii</i>		
	<i>Bacillus niacini</i>		
	<i>Bacillus safensis</i>		
	<i>Bacillus simplex</i>	1 (730; 100)	1 (734; 100)
	<i>Bacillus sonorensis</i>		
	<i>Bacillus subtilis subsp. inaquosorum</i>		
	<i>Bacillus tequilensis</i>		
	<i>Brevibacillus agri</i>		
	<i>Fictibacillus nanhaiensis</i>		
	<i>Leuconostoc holzapfelii</i>	1 (759; 99.9)	
	<i>Lysinibacillus sinduriensis</i>		1 (740; 99.1)
	<i>Scopulibacillusarangshiensis</i>		
	<i>Staphylococcus arlettae</i>		
	<i>Staphylococcus cohnii subsp. cohnii</i>	1 (749; 100)	
	<i>Staphylococcus cohnii subsp. urealyticus</i>		
	<i>Staphylococcus epidermidis</i>	1 (780; 100)	
	<i>Staphylococcus hominis subsp. hominis</i>		2 (683, 710; 99.7, 99.9)
	<i>Staphylococcus warneri</i>	1 (751; 100)	
	<i>Terribacillus saccharophilus</i>		1 (596; 100)
Alphaproteobacteria	<i>Gluconobacter kondonii</i>		
	<i>Gluconobacter morbifer</i>		
	<i>Gluconobacter sphaericus</i>		
	<i>Neokomagataea tanensis</i>		
Gammaproteobacteria	<i>Acinetobacter boissieri</i>		
	<i>Acinetobacter nectaris</i>		
	<i>Erwinia persicina</i>		
	<i>Erwinia toletana</i>		
	<i>Flavimonas oryzae</i>		
	<i>Lonsdalea quercina</i>		
	<i>Pantoea eucalypti</i>		
	<i>Pseudomonas azotoformans</i>		
	<i>Pseudomonas baetica</i>	1 (819; 99.3)	
	<i>Pseudomonas cedrina subsp. fulgida</i>		2 (719, 730; 100)
	<i>Pseudomonas congelans</i>		
	<i>Pseudomonas graminis</i>		
	<i>Pseudomonas koreensis</i>		
	<i>Pseudomonas lini</i>	10 (619, 705, 714, 763, 782, 790, 827, 829, 831, 844; 99.4-100)	
	<i>Pseudomonas lutea</i>		
	<i>Pseudomonas mohnii</i>		
	<i>Pseudomonas syringae</i>	7 (503, 711, 827, 861, 862, 902, 910; 99.2-99.8)	
	<i>Pseudomonas viridiflava</i>		
	<i>Rosenbergiella nectarea</i>		
Total		31	16

Class	Closest relative in GenBank database	Open	Golan Bagged
Actinobacteria	<i>Agromyces salentinus</i>		
	<i>Arthrobacter humicola</i>	2 (795, 873; 99.2,99.3)	3 (714, 811, 839; 99.3-99.4)
	<i>Arthrobacter nitroguajacolicus</i>		
	<i>Arthrobacter oryzae</i>		
	<i>Arthrobacter oxydans</i>		
	<i>Arthrobacter pascens</i>	1 (791; 99.5)	1 (717; 99.4)
	<i>Arthrobacter phenanthrenivorans</i>		1 (771; 99.5)
	<i>Brevibacterium frigiditolerans</i>		
	<i>Curtobacterium flaccumfaciens</i>		5 (677, 698, 756, 793, 848; 99.0-100)
Bacilli	<i>Microbacterium foliorum</i>		
	<i>Bacillus aerophilus</i>	1 (892; 100)	
	<i>Bacillus anthracis</i>		
	<i>Bacillus aryabhatai</i>	5 (785, 819, 834,859, 863; 99.8-100)	1 (855; 99.9)
	<i>Bacillus endophyticus</i>		
	<i>Bacillus flexus</i>		
	<i>Bacillus licheniformis</i>		
	<i>Bacillus megaterium</i>		
	<i>Bacillus mojavensis</i>		
	<i>Bacillus nealsonii</i>		
	<i>Bacillus niacini</i>		
	<i>Bacillus safensis</i>	1 (722; 99.9)	
	<i>Bacillus simplex</i>	4 (824, 825, 858, 874; 100)	6 (534, 818, 827, 829, 836, 898; 99.6-100)
	<i>Bacillus sonorensis</i>		
	<i>Bacillus subtilis subsp. inaquosorum</i>		
	<i>Bacillus tequilensis</i>		1 (877; 99.9)
	<i>Brevibacillus agri</i>	2 (519, 842; 98.7; 99.4)	1 (800; 99.4)
	<i>Fictibacillus nanhaiensis</i>		
	<i>Leuconostoc holzapfelii</i>		
	<i>Lysinibacillus sinduriensis</i>		
	<i>Scopulibacillus darangshiensis</i>		
	<i>Staphylococcus arlettae</i>		
	<i>Staphylococcus cohnii subsp. cohnii</i>		
	<i>Staphylococcus cohnii subsp. urealyticus</i>		
	<i>Staphylococcus epidermidis</i>		
	<i>Staphylococcus hominis subsp. hominis</i>		
	<i>Staphylococcus warneri</i>	1 (844; 100)	
	<i>Terribacillus saccharophilus</i>		1 (596; 100)
Alphaproteobacteria	<i>Gluconobacter kondonii</i>	4 (757, 803, 847, 858; 98.0-98.4)	
	<i>Gluconobacter morbifer</i>	2 (753, 901; 97.2-98.0)	
	<i>Gluconobacter sphaericus</i>	1 (863; 98.4)	
	<i>Neokomagataea tanensis</i>		
Gammaproteobacteria	<i>Acinetobacter boissieri</i>		
	<i>Acinetobacter nectaris</i>		
	<i>Erwinia persicina</i>	2 (837, 866; 99.7-99.8)	
	<i>Erwinia toletana</i>		
	<i>Flavimonas oryzihabitans</i>		
	<i>Lonsdalea quercina</i>	1 (866; 99.9)	
	<i>Pantoea eucalypti</i>	1 (830; 99.8)	
	<i>Pseudomonas azotoformans</i>	2 (811, 861; 99.9)	
	<i>Pseudomonas baetica</i>		
	<i>Pseudomonas cedrina subsp. fulgida</i>		
	<i>Pseudomonas congelans</i>	1 (822; 100)	
	<i>Pseudomonas graminis</i>		
	<i>Pseudomonas koreensis</i>		
	<i>Pseudomonas lini</i>		
	<i>Pseudomonas lutea</i>		
	<i>Pseudomonas mohnii</i>		
	<i>Pseudomonas syringae</i>		
	<i>Pseudomonas viridiflava</i>	1 (826; 99.6)	
	<i>Rosenbergiella nectarea</i>		
Total		32	20

