



YOUR GREAT COMPANY  
1234 ANY STREET  
CHICAGO, IL 60616

## Certificate of Analysis

Prepared for:	YOUR GREAT COMPANY
Phone Number:	(888) 765-4321
Fax Number:	(888) 123-4567
Email Address:	your_email@email.com
Project Name:	HOME OWNER
Test Location:	12346 THIS STREET PEORIA, IL 55555
Chain of Custody #:	320441
Received Date:	June 17, 2009
Report Date:	June 17, 2009

John D. Shane Ph.D., QA Manager

Currently there are no Federal regulations for evaluating potential health effects of fungal contamination and remediation. This information is subject to change as more information regarding fungal contaminants becomes available. For more information visit <http://www.epa.gov/mold> or [www.nyc.gov/html/doh/html/epi/mold.shtml](http://www.nyc.gov/html/doh/html/epi/mold.shtml). This document was designed to follow currently known industry guidelines for the interpretation of microbial sampling, analysis, and remediation. Since interpretation of mold analysis reports is a scientific work in progress, it may as such be changed at any time without notice. The client is solely responsible for the use or interpretation. PRO-LAB/SSPTM Inc. makes no express or implied warranties as to health of a property from only the samples sent to their laboratory for analysis. The Client is hereby notified that due to the subjective nature of fungal analysis and the mold growth process, laboratory samples can and do change over time relative to the originally sampled material. PRO-LAB/SSPTM Inc. reserves the right to properly dispose of all samples after the testing of such samples are sufficiently completed or after a 7 day period, whichever is greater.



LAB # 163230

For more information please contact PRO-LAB at (954) 384-4446 or email [info@prolabinc.com](mailto:info@prolabinc.com)

Prepared for : YOUR GREAT COMPANY

Test Address : HOME OWNER

12346 THIS STREET

PEORIA, IL 55555

ANALYSIS METHOD	Spore trap analysis			Spore trap analysis			Spore trap analysis			Spore trap analysis		
LOCATION	Bedroom			Den			Play Room			Outside Control		
COC / LINE #	320441-1			320441-2			320441-3			320441-4		
SAMPLE TYPE & VOLUME	AIR-O-CELL - 75L			AIR-O-CELL - 75L			AIR-O-CELL - 75L			AIR-O-CELL - 75L		
SERIAL NUMBER	123451			123452			123453			123454		
COLLECTION DATE	Jun 10, 2009			Jun 10, 2009			Jun 10, 2009			Jun 10, 2009		
ANALYSIS DATE	Jun 17, 2009			Jun 17, 2009			Jun 17, 2009			Jun 17, 2009		
RESULT	NOT ELEVATED			NOT ELEVATED			ELEVATED			CONTROL		
IDENTIFICATION	Raw Count	Spores per m <sup>3</sup>	Percent of Total	Raw Count	Spores per m <sup>3</sup>	Percent of Total	Raw Count	Spores per m <sup>3</sup>	Percent of Total	Raw Count	Spores per m <sup>3</sup>	Percent of Total
Alternaria	8	107	3	4	53	2	20	267	10	28	373	3
Beltrania										8	107	1
Bipolaris/Drechslera	12	160	5	4	53	2	4	53	2	12	160	1
Cercospora										36	480	4
Chaetomium							40	533	21			
Cladosporium	16	213	6	32	427	17	24	320	13	216	2,880	25
Curvularia										4	53	<1
Epicoccum	12	160	5	8	107	4				24	320	3
Other Ascospores	64	853	25	48	640	26	16	213	8	176	2,347	21
Other Basidiospores	100	1,333	39	48	640	26	20	267	10	268	3,573	32
Penicillium/Aspergillus	20	267	8	28	373	15	12	160	6	12	160	1
Pithomyces	4	53	2									
Rusts	4	53	2	4	53	2				16	213	2
Smuts, myxomycetes	16	213	6	8	107	4	12	160	6	48	640	6
Stachybotrys							44	587	23			
<b>TOTAL SPORES</b>	256	3,412	100	184	2,453	100	192	2,560	100	848	11,306	100
Minimum detection limit:		53			53			53			53	
BACKGROUND DEBRIS	Light			Moderate			Moderate			Light		
Cellulose Fiber	24	320		20	267		48	640		4	53	
Fiberglass	8	107		8	107		4	53				
Insect Fragments				4	53		4	53		12	160	
Plant Fragments	4	53										
Pollen	16	213		12	160		8	107		48	640	
OBSERVATIONS & COMMENTS												

Background debris estimates the amount of particles that are not pollen or spores and directly affects the accuracy of the spore counts. The categories of Light, Moderate, Heavy and Too Heavy for Accurate Count, are used to indicate the amount of deposited debris. Increasing amounts of debris will obscure small spores and can prevent spores from impacting onto the slide. Spore counts that are included with Heavy or Too Heavy for Accurate Count are minimal counts and the actual numbers of spores are likely much higher. Total percent may not equal 100% due to rounding.

Prepared for : YOUR GREAT COMPANY

Test Address : HOME OWNER

12346 THIS STREET

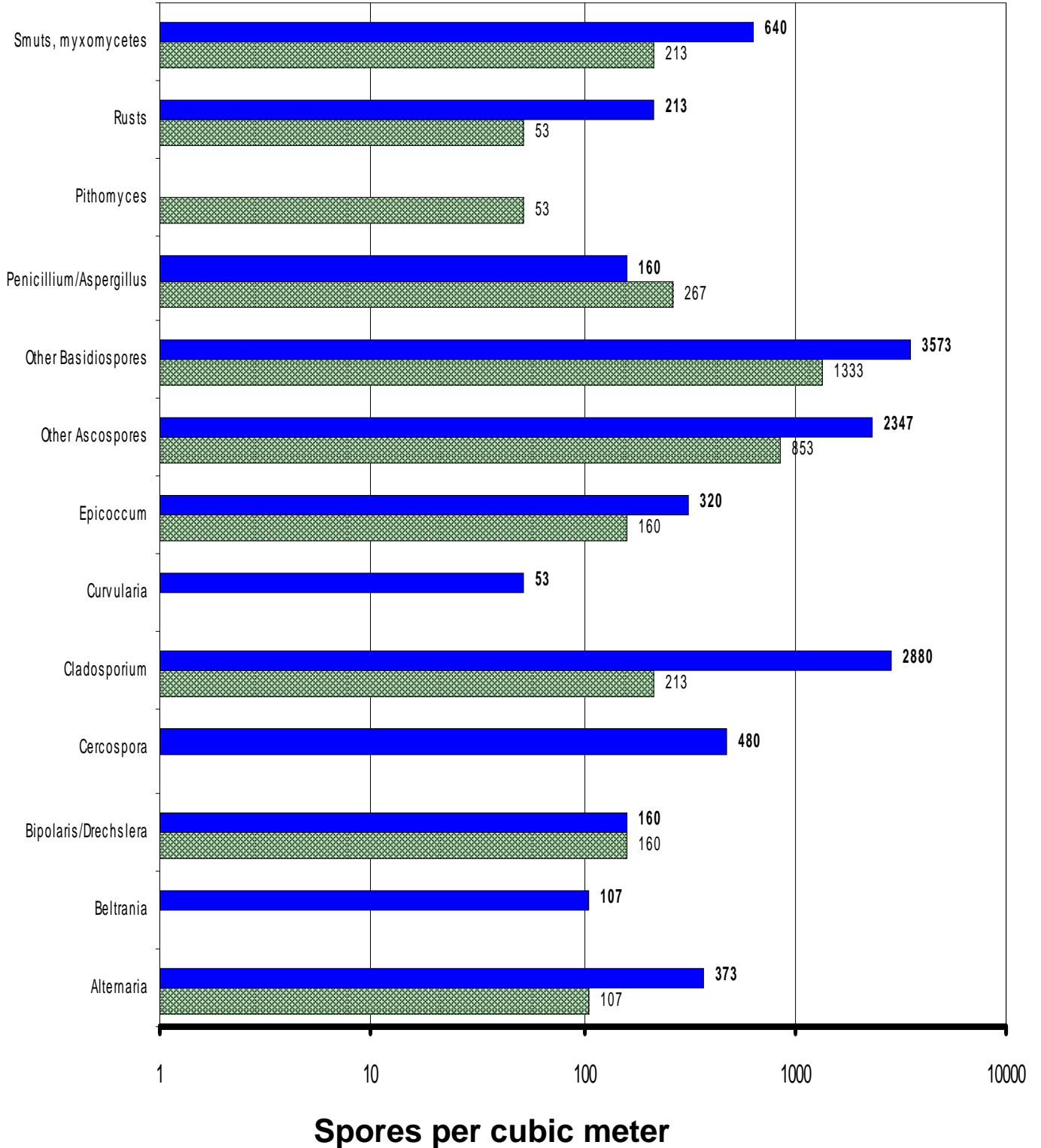
PEORIA, IL 55555

ANALYSIS METHOD	Spore trap analysis			Spore trap analysis			Spore trap analysis			BLANK		
LOCATION	Kitchen			Upstairs Office			Upstairs Bathroom					
COC / LINE #	320441-5			320441-6			320441-7					
SAMPLE TYPE & VOLUME	AIR-O-CELL - 75L			AIR-O-CELL - 75L			AIR-O-CELL - 75L					
SERIAL NUMBER	123455			123456			123457					
COLLECTION DATE	Jun 10, 2009			Jun 10, 2009			Jun 10, 2009					
ANALYSIS DATE	Jun 17, 2009			Jun 17, 2009			Jun 17, 2009					
RESULT	NOT ELEVATED			NOT ELEVATED			NOT ELEVATED					
IDENTIFICATION	Raw Count	Spores per m <sup>3</sup>	Percent of Total	Raw Count	Spores per m <sup>3</sup>	Percent of Total	Raw Count	Spores per m <sup>3</sup>	Percent of Total	Raw Count	Spores per m <sup>3</sup>	Percent of Total
Alternaria	8	107	5	4	53	3	8	107	6			
Beltrania												
Bipolaris/Drechslera												
Cercospora												
Chaetomium												
Cladosporium	36	480	23	48	640	31	32	427	24			
Curvularia												
Epicoccum	12	160	8	12	160	8	4	53	3			
Other Ascospores	28	373	18	36	480	23	32	427	24			
Other Basidiospores	20	267	13	28	373	18	28	373	21			
Penicillium/Aspergillus	28	373	18	12	160	8	20	267	15			
Pithomyces												
Rusts	8	107	5	4	53	3						
Smuts, myxomycetes	16	213	10	12	160	8	8	107	6			
Stachybotrys												
<b>TOTAL SPORES</b>	156	2,080	100	156	2,079	100	132	1,761	100			
Minimum detection limit:		53			53			53				
BACKGROUND DEBRIS	Moderate			Moderate			Light					
Cellulose Fiber	8	107		12	160		4	53				
Fiberglass				8	107		4	53				
Insect Fragments	8	107										
Plant Fragments				4	53		4	53				
Pollen	4	53		4	53							
OBSERVATIONS & COMMENTS												

Background debris estimates the amount of particles that are not pollen or spores and directly affects the accuracy of the spore counts. The categories of Light, Moderate, Heavy and Too Heavy for Accurate Count, are used to indicate the amount of deposited debris. Increasing amounts of debris will obscure small spores and can prevent spores from impacting onto the slide. Spore counts that are included with Heavy or Too Heavy for Accurate Count are minimal counts and the actual numbers of spores are likely much higher. Total percent may not equal 100% due to rounding.

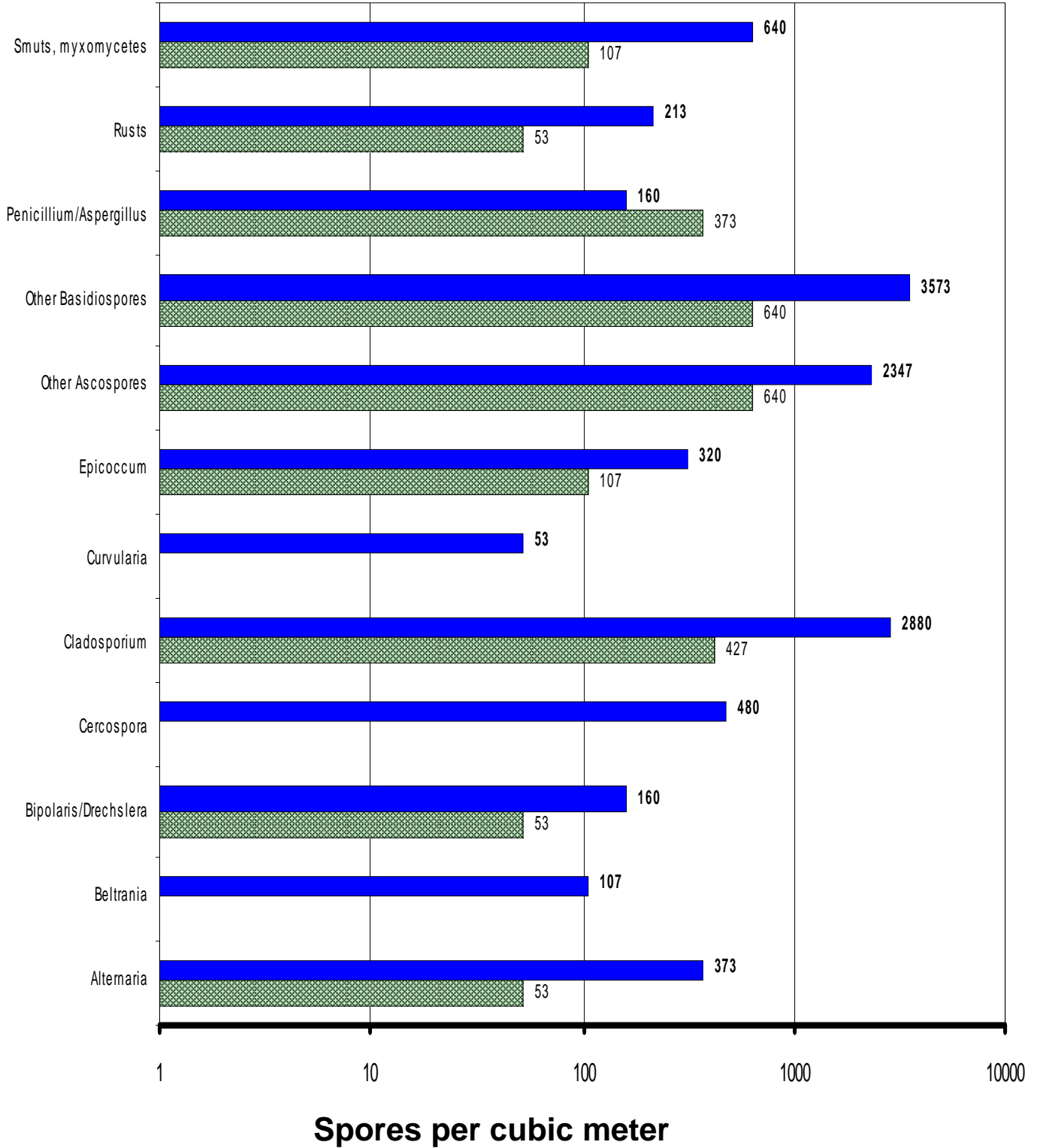
**Chain of Custody # 320441**

Bedroom  
Outside Control



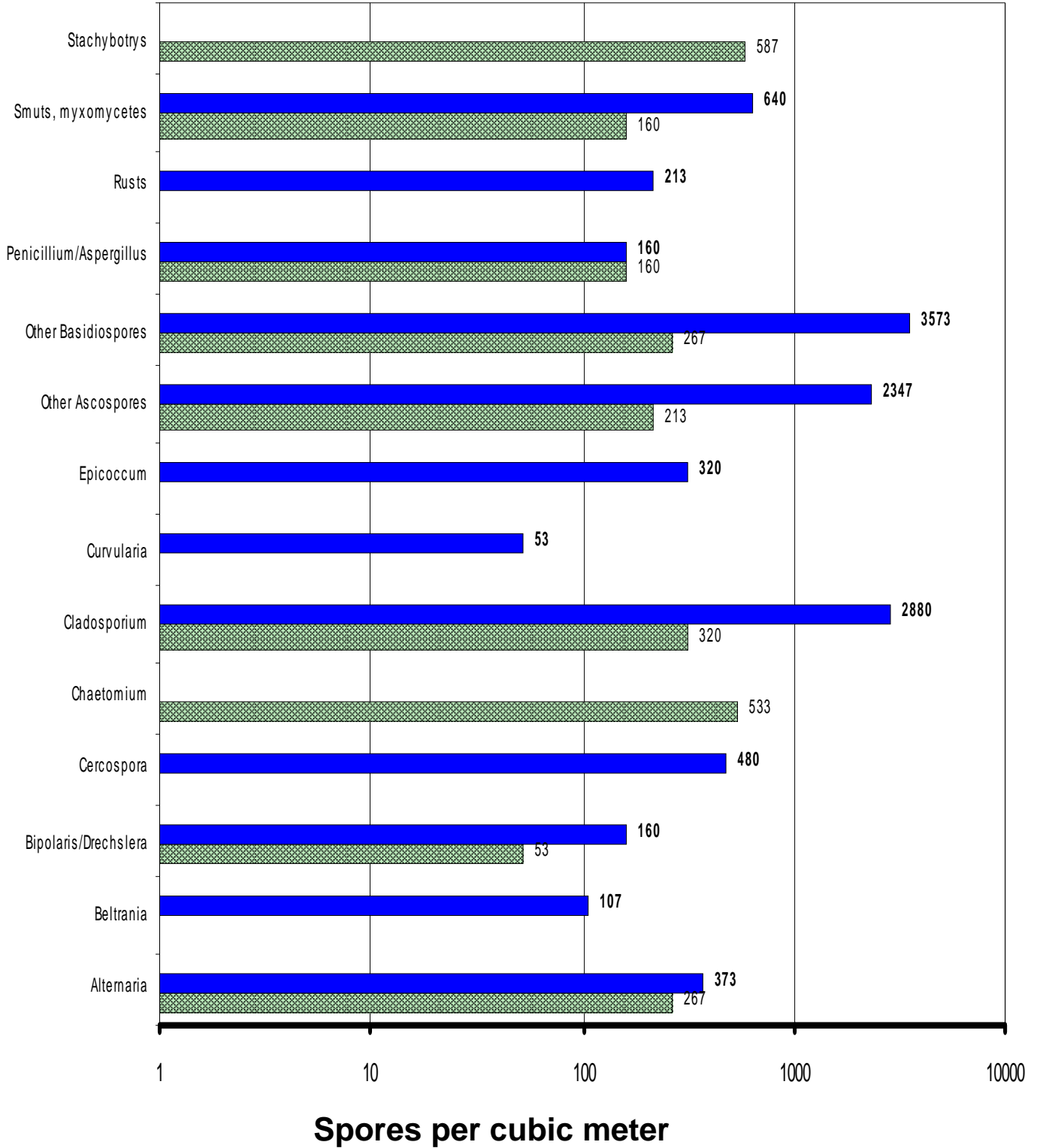
**Chain of Custody # 320441**

Den  
Outside Control



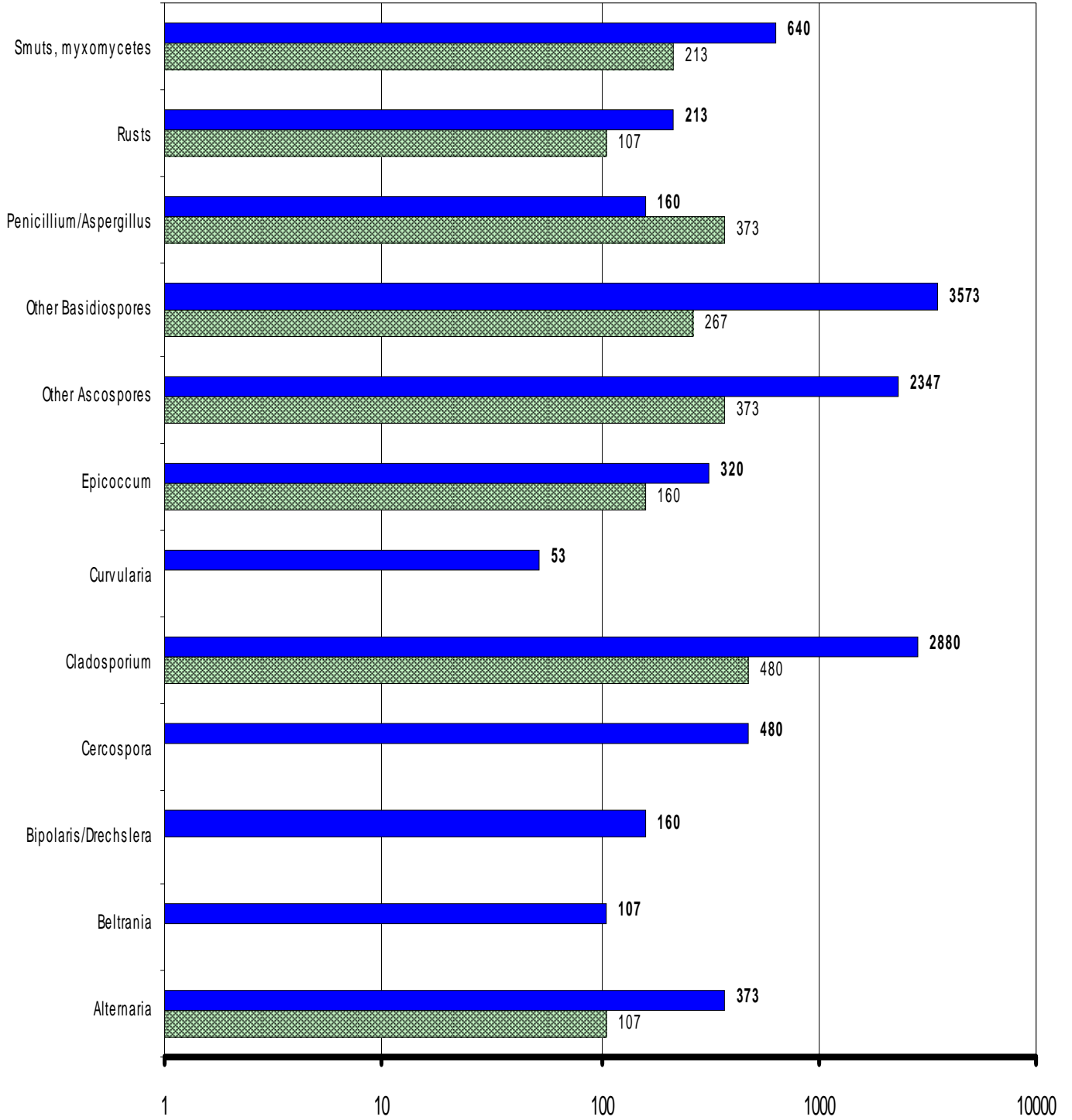
**Chain of Custody # 320441**

▨ Play Room  
▬ Outside Control



**Chain of Custody # 320441**

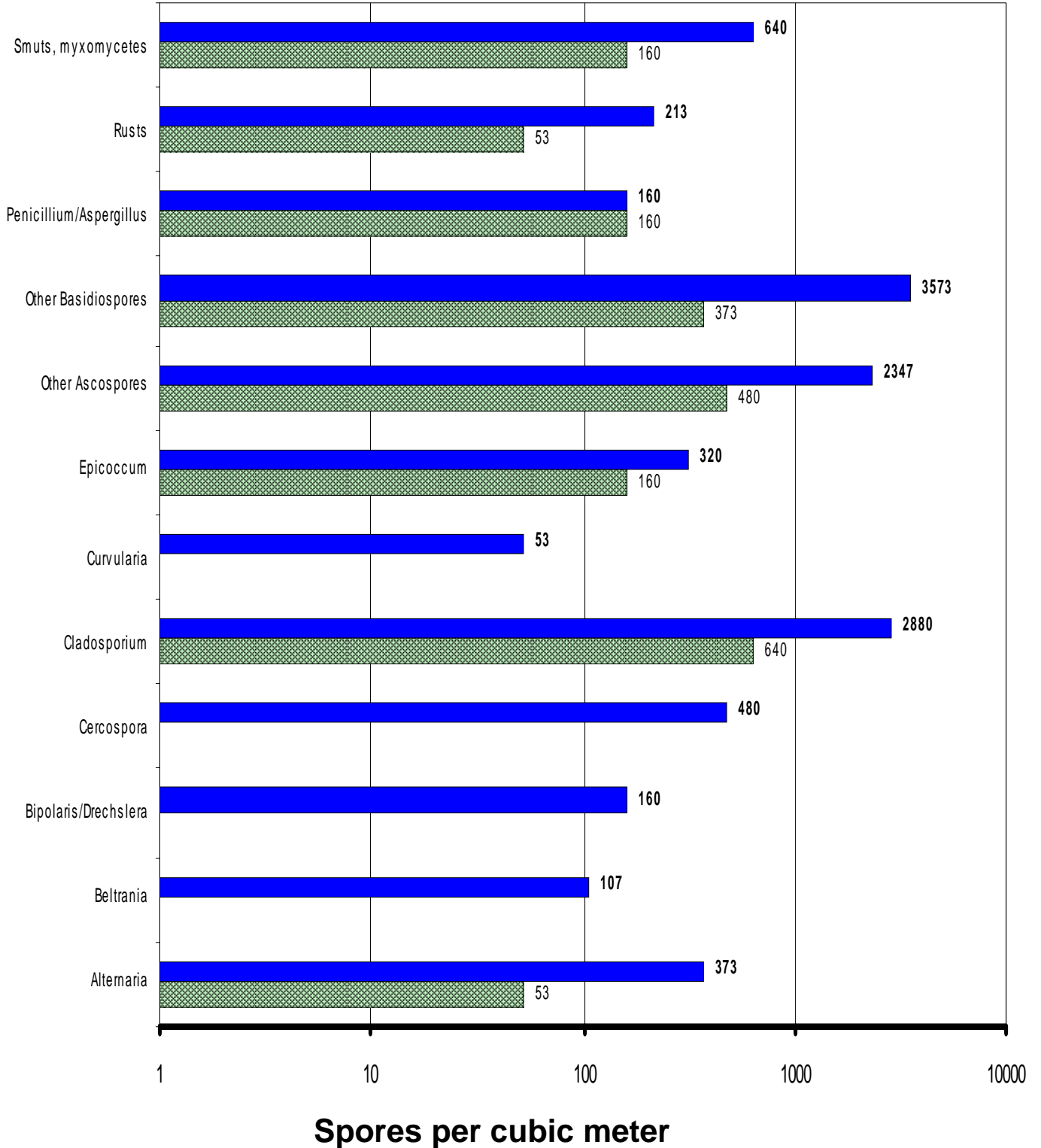
 Kitchen  
 Outside Control



**Spores per cubic meter**

**Chain of Custody # 320441**

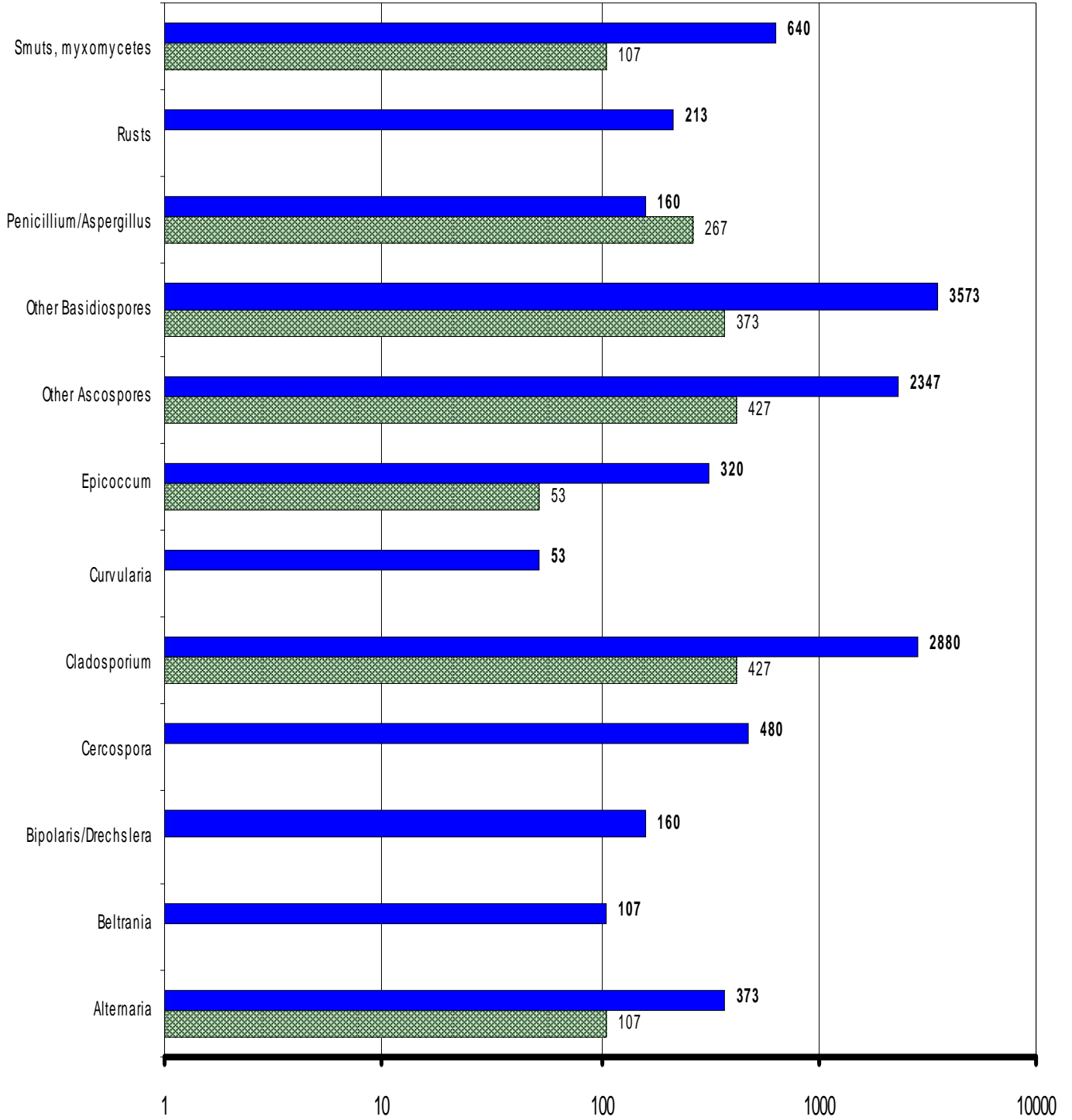
Upstairs Office  
Outside Control





**Chain of Custody # 320441**

Upstairs Bathroom  
Outside Control



**Spores per cubic meter**

Identification	Outdoor Habitat	Indoor Habitat	Allergic Potential	Pathogenicity	Toxins Produced	Comments
Alternaria	One of the most commonly reported airborne spores worldwide; Soil, dead or dying plants, foodstuffs, textiles	Wallboard paper backing, wood, other various cellulose-containing materials. Common in settled dust on carpets, drapes, textiles, etc.	Common allergen. Type I allergies (hay fever and asthma); Type III hypersensitivity pneumonitis. Common cause of extrinsic asthma.	Alternaria species are emerging as pathogens in immunocompromised persons.	Dextruxin B, alternariols, altenuenes, altertoxins, tenuazonic acid	Alternaria is commonly found in elevated numbers on wet-intruded building materials and in higher spore numbers in the air with respect to the outside when growth on wet building materials occurs.
Beltrania	Grows on dead oak tree leaves and plant material and soil, mostly semi-tropical or mediterranean habitats.	Not known to grow indoors	None known.	Not known.	None known.	
Bipolaris/Drechslera	Common everywhere. Frequently associated with grasses, but also found on plant material, decaying food, and soil.		Common Type I (hay fever and asthma), fungal sinusitis.	Has been reported as an infrequent agent of phaeohyphomycosis, and keratitis. Mostly affecting immunocompromised persons.	None known.	This is a group of like-looking spores that include Bipolaris, Drechslera, Exserohilum, and sometimes Helminosporium. They cannot be consistently separated by spore morphology and are thus grouped together. Must be cultured to consistently separate the genera.
Cercospora	Common everywhere, especially growing on leaves.	Not known to grow indoors.	None known.	None known.	None known.	
Chaetomium	Common everywhere growing on dung, dead leaves, wood.	Cellulose substrates, especially wallboard and wood.	Type I (hay fever and asthma) allergies.	Uncommonly seen infecting humans, but some cases have been reported mostly on immunocompromised persons.	Produces chaetoglobosins, and rarely sterigmatocystin.	

Identification	Outdoor Habitat	Indoor Habitat	Allergic Potential	Pathogenicity	Toxins Produced	Comments
Cladosporium	The most common spore type reported in the air worldwide. Found on dead and dying plant litter, and soil.	Commonly found on wood and wallboard. Commonly grows on window sills, textiles and foods.	Type I (hay fever and asthma), Type III (hypersensitivity pneumonitis) allergies.	Human infection reported to be keratitis, and skin lesions. Other forms of infection rarely reported.	Cladosporin, emodin.	A very common and important allergen source both outdoors and indoors.
Curvularia	Commonly found everywhere on soil and plant debris.	Capable of growing on many cellulytic substrates like wallboard and wood.	Type I (hay fever and asthma) and common cause of allergenic sinusitis.	Mostly a problem in immunocompromised persons, and a common cause of sinusitis, but has been reported to cause mycetoma, onychomycosis and peritonitis.	None known.	
Epicoccum	Commonly found everywhere. Grows on plant debris, insects and soil.	Capable of growing on several different substrates, notably wallboard and paper.	Type I (hay fever and asthma) allergies.	None known.	Epicoraxine A&B, flavipin.	Very common in the summer, especially in the midwest and during harvest time.
Ascospores	Common everywhere. Constitutes a large part of the airspora outside. Can reach very high numbers in the air outside during the spring and summer. Can increase in numbers during and after rainfalls.	Very few of this group grow inside. The notable exception is Chaetomium and Ascotricha.	Little known for most of this group of fungi. Dependent on the type (see Chaetomium and Ascotricha).	Not known	None known for most of the group (see Chaetomium)	
Basidiospores	Commonly found everywhere, especially in the late summer and fall.	Not normally found growing indoors. Can grow on wet lumber, especially in crawlspaces.	Some allergenicity reported. Type I (hay fever, asthma) and Type III (hypersensitivity pneumonitis).	Not known.	None known.	Among this group are dry rot fungi Serpula and Poria that are particularly destructive to buildings.
Penicillium/Aspergillus	Common everywhere. Normally found in the air in small amounts in outdoor air. Grows on nearly everything.	Wetted wallboard, wood, food, leather, etc. Able to grow on many substrates indoors.	Type I (hay fever and asthma) and Type III (hypersensitivity pneumonitis) allergies.	Disease potential is dependant upon which species of Penicillium or Aspergillus is present.	Toxin potential is dependant upon which species of Penicillium or Aspergillus is present.	This is a combination group of Penicillium and Aspergillus and is used when only the spores are seen. The spores are so similar that they cannot be reliably separated into their respective genera.

