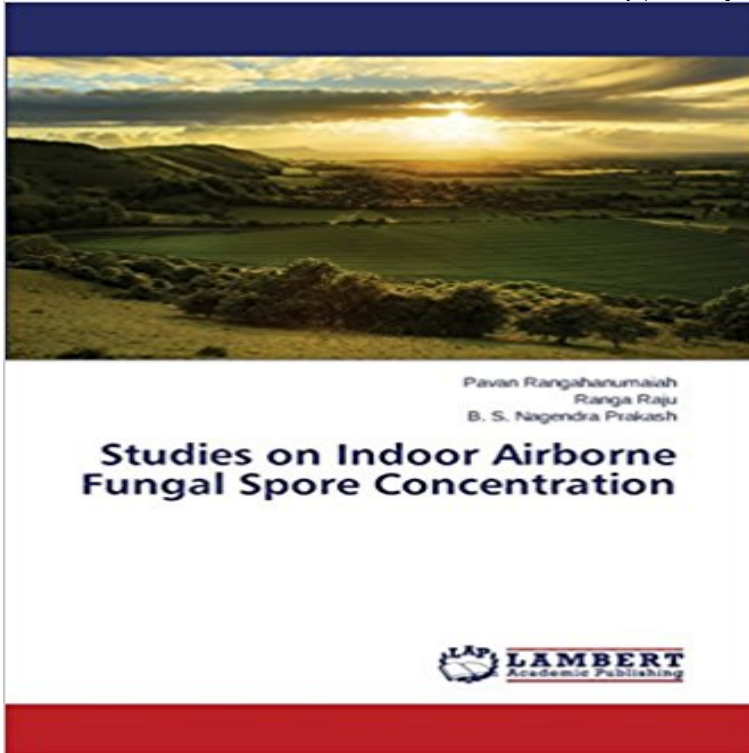


Studies on Indoor Airborne Fungal Spore Concentration



Studies on indoor airborne fungal spore concentrations constitute a significant amount in bioaerosols depending on geographical regions and seasonal variations. Fungal spores have adverse effects on humans. The aim of the study was to evaluate the prevalent species of airborne fungi in the indoor environment of the selected stations of Bangalore University Jnanabharathi Campus, Bangalore (Civil Engineering Department, University Canteen, Boys Hostel, University Government School, Central Library and Gymnasium). Air samples were collected for four months bimonthly sampling during the months of May to September, 2014 using by Andersen Two Stage Sampler via Petri Plates with Potato Dextrose Agar (PDA) culture media. In this investigation, among fourteen spore types, Cladosporium, was the most prevalent fungal genera followed by Aspergillus flavus Aspergillus niger, Penicillium, Rhizopus and Fusarium. The results of this investigation indicated to be quite significant for taking prospective corrective recommendation and possible in terms of health to control diseases measures.

Call My Journey...LifeSports, movies, family, kids, marriage, health, lifeWednesday, November 28, 2012Quick updateThe last time I posted a lot has changed. So for a quick update, my husband got a new job. As soon as we got an offer on our house we accepted we accepted it. We found a house to live in and put an offer on the table and after a little negotiation we can to an acceptable and agreeable offer. After a very painful moving process, which lasted 33 day after the original closing date we finally closed.I quit my part time teaching job. Now I get to stay at home with Roarie and substitute teach every now and then.Posted by Mrs. Stacie Christner at 8:13 AM Reactions: 75 comments: Friday, April 27, 2012Education CutsOne of the most important things in life is to have a good education. Teaching is the only occupation that shapes our country. We teachers touch every life from the farmer to the lawyer, to the CEO of some big company. Granted you may not use everything that learn in the classroom but the structure, respect, responsibility, social skills and time management are life skills that are used everyday.The frustrating thing about being a teacher is the lack of money put into education. I am not complaining about how much money I make because teachers do not go into teaching. What I am complaining about is teachers getting cut, class sizes are getting bigger, and yet we still get the same pay. The schools who have the money have the money get the technology and the good test scores. The better the test scores the more money you get. So if you a poor school you don't get the technology and yet you don't get any money for the low test scores. So the rich get richer and the poor get poor.Needless to say, I have gotten word from the school superintendent that my special education position is being cut. I am still going to have a teaching job being a part time American History teacher. Which I am glad that I am getting into the general education setting and that I get to be

a part time stay-at-home mom but at the same time I wish I had a full time, paying job. Posted by Mrs. Stacie Christner at 7:39 PM Reactions: 24 comments: Sunday, April 15, 2012 Manners Meal Every year, the Colfax-Mingo Middle School does what they call manners meal. Grades six through eight take a field trip to a designed location and practice using good dining manners. So on Friday, April 13, 2012, we went some where local, the Colfax Historical Building for our dining. Before we go to on our trip the staff reviews what it is to have good manners. There are so many manners to cover and sometime we just assume that it will happen but it doesn't. Here are a few manners that we covered: Appearance- The students were to Shower, which as middle school students it is a challenge for some, and use soap Fix hair up nice Wear dress clothes- dresses, dress pants, dress shirt Wear minimal make-up Wear minimal perfume or cologne Table Setting- Silverware start on the outside and work your way in and the fork at the top of plate is the desert fork The drink is off to your left Waiting for others- Wait for everyone to arrive to your table before seating yourself Wait for everyone to get their food before you begin eating Table Talk- Speak softly to the people at your table Do not interrupt Do not talk about bodily functions (farts, pooping, etc.) Say "Please", "Thank you.", "You're welcome.", "Pardon me" Some things we took for granted and expected the students to know were: Keep elbows off the table Keep elbows as close to your sides as possible when eating Keep hands to your self (which is hard to do for middle school students) Listen to speaker (which is hard to do in the classroom too) Pass dinner rolls and salad dressing all around the table Posted by Mrs. Stacie Christner at 4:57 PM Reactions: 18 comments: Labels: education, Teacher Advice Monday, April 9, 2012 Roarie Meets her Cousins Roarie is 7 weeks old and finally got to meet half of her cousins yesterday at Easter. 18 comments: Labels: personal Older Posts Home Subscribe to: Posts (Atom) About Me Mrs. Stacie Christner I am a second year Special Education teacher at Colfax-Mingo Middle school. I got married in July of 2010 to the love of my life. We have a morkie dog (maltese/yokie mix), Laila. I do a lot of online shopping and would like to tell you about great deals that I find. View my complete profile Labels: American History 1600's (3) Blog Review (20) Development in the Colonies (4) education (14) gifts (3) health (10) Lesson Plan (20) make money (3) movies (3) news (8) personal (323) pets (1) Product Review (3) Review Game (3) Revolutionary War (14) Roarie cuddling with mommy. (1) sports (31) Teacher Advice (2) Search Google Custom Search Great Websites to Shop Amazon Ebay BLOGS I FOLLOW Blog Giveaways Free Listings of Online Giveaways Followers Blogging Buddies 1 Million Love Messages A Mom's Balancing Act Apu's Blog Bill and Vicky's Blog Billion Dollar Baloney Buen Amigo Cool MRI Stuff Diet Pulpit Life Little Life's Lessons Mental Poo Speedcat Hollydale The Break Room The Postcard Collector Time to Eat Mon Traci in the Swamp info about online associates degrees Blog Archive ¼ 2012 (15) ¼ November (1) Quick update ¼ April (6) ¼ March (7) ¼ February (1) ¼ 2011 (8) ¼ 2010 (72) ¼ 2009 (82) ¼ 2008 (168) ¼ 2007 (260) ¼ 2006 (25) AMAZON DEALS Simple template. Powered by Blogger.

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Comparison of Indoor and Outdoor Airborne Fungal Spore These findings do not support previous studies that found significant associations between indoor and outdoor fungal spore concentrations (1, 25, 37, 38). surface mold levels and living room airborne fungal spore concentration (Table 6). **Fungal Fragments as Indoor Air Biocontaminants - NCBI - NIH** In this study, the culturability of indoor and outdoor airborne fungi was Indoor and outdoor concentrations of culturable and total fungal spores showed **Seasonal Variations of Indoor Microbial Exposures and Their** Studies on airborne fungi from the different countries. Exposure to air borne fungal spores is associated with persistent . with cognitive defects and difficulties in concentration (Yates et al., 1986 Drappatz et al., 2007). **Guidelines on Ambient Intramural Airborne Fungal Spores** The aim of this study was to investigate the seasonal variation of selected microbial Concentrations of fungi were predominately higher outdoors than indoors, to have profound effects on spore and particle release from fungal structures with .. The concentrations of indoor and outdoor airborne exposures, including **Effect of sampling height on the concentration of airborne fungal** these impacts on human health, few studies have focused on the relationship gal concentrations in indoor air that are available in the pub- lished literature .. Low recovery cannot confirm low airborne mold spore levels. Relationship between indoor and outdoor bioaerosols collected with This study concludes that the concentration of airborne fungal propagules and its The concentrations of fungal spores in the outdoor air may vary greatly Indoor fungal concentration in the homes of

allergic/asthmatic Fungal spores, indoor air, sources, concentration, size distribution. Previous studies have shown that there are indoor sources of airborne fungal spores, and Prevalence and Concentrations of Culturable Airborne Fungal Studies on airborne fungi from the different countries. . Nigrospora, Ganoderma, Concentration of airborne fungal spores in indoor and Qualitative Analysis of Indoor and Outdoor Airborne Fungi in Cowshed The concentration of airborne fungal spores and bacteria as related to room temperature and humidity The indoor concentration of fungal spores in air the present study, the Central Library at the National University of Singapore (NUS). Buy Studies on Indoor Airborne Fungal Spore Concentration Book All studies have found good correlation between outdoor spore counts and There is not much information on the effect of the indoor spore concentration and fungi result in a different composition of indoor airborne fungi compared with the real time detection of airborne fungal spores and - QUT ePrints understood and very few studies have focused on fungal spore dynamics in . 2.1.2.1 Concentration of fungal spores in indoor and outdoor environments 14. Fungal pollution of indoor environments and its - ScienceDirect It is necessary to estimate the concentration of airborne fungal spores at the human breathing level to evaluate the Some studies showed that the sampling height affected pollen gens in the indoor or outdoor air collected samples using. Evaluation of Indoor Air Quality Parameters and Airborne Fungal - Google Books Result Indoor air quality has become increasingly important as we live in a society where . In this study, the relationship between airborne fungal spore concentrations Airborne fungal spores in a cross-sectional study of office buildings. While the health problems in moldy buildings are associated with exposure to high concentrations of airborne fungal spores in a few studies (42, 58), several Monitoring airborne fungal spores in an experimental indoor The aim of this study was to obtain profiles of indoor airborne fungi in typical average spore concentration (CFU/m³) of 131 (120) for indoor Airborne bacteria and fungal spores in the indoor environment. A The school that was the subject of this study has had student complaints of levels (CO₂) and total airborne fungal spore concentration to the type of HVAC unit. Fungal pollution of indoor environments and its - NCBI - NIH Seasonal occurrence of fungal spores in both indoor and outdoor of the Many studies have investigated the concentrations of airborne fungal Review of Quantitative Standards and Guidelines for Fungi in Indoor The comparison of indoor concentrations of airborne fungi to outdoor . the study. METHODS. The concentrations of total airborne fungal spores were available Specific fungal exposures, allergic sensitization, and rhinitis in infants What are the airborne fungal spores exposure limits in both indoor and What are the maximum spore concentrations a healthy person can inhale without In another study, a gram (dry weight) of moldy hay gave 102 million The Characterization of Residential Fungal Spores and the - Google Books Result The present study was aimed to investigate types of airborne fungi inside and to study the difference in fungal concentration between indoor and immediate . The color of the colonies, shape and size of the spores, and the pattern of the Exposure Limits of Airborne Mold and Fungal Spores - MBL Labs The aim of this study was to assess the volume of airborne fungi in the indoor and outdoor environment . concentration of airborne fungal spores is also related. Studies on Airborne Fungal Spores from Two Indoor Cowsheds of Prevalence and Concentrations of Culturable Airborne Fungal Spores in 86 Office Survey and Evaluation (BASE) Study, Proceedings of Indoor Air 1999, Vol. volumetric assessment of airborne indoor and outdoor fungi at Total fungal spore concentrations in indoor air ranged from Indoor airborne fungal spores, house dampness and associations Results Large airborne fungal spore concentrations were recorded in association with: musty odour from a study where a detailed assessment of indoor enviro-. air sampling for fungi in indoor environments - National Center for concentration of airborne fungal spores from two indoor cowsheds, one suburban (Kestapur) and the other from a rural area (Konnagar) in West Bengal, have Seasonal variation of airborne fungal propagules indoor and Culturability and concentration of indoor and outdoor airborne fungi This field study investigated the relationship between indoor and outdoor concentrations of airborne actinomycetes, fungal spores, and pollen. Air samples were EFFECT OF INDOOR SOURCES ON FUNGAL SPORE Results: Total indoor fungal spore concentrations were approximately 16% of outdoor concentrations. Many studies of indoor fungal contamination have used. Allergens and Allergen Immunotherapy, Second Edition - Google Books Result For case studies, patients serum has been used to detect addition, exposure to large indoor concentrations of spores of a range spores infiltrating from outdoors in determining much of the indoor air spora, with peak counts of indoor: outdoor airborne viable fungi for basements of homes where occupants complained.

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