

Date:17-Aug-2016

Date:22-Aug-2016

<b>Species</b>	Jar #	% growth	density	notes	Jar #	% growth	density
<i>G. frondosa</i>  date mixed: 31-Aug-16	1	n/a	n/a		1	n/a	n/a
	2	n/a	n/a		2	n/a	n/a
	3	n/a	n/a		3	n/a	n/a
	4	n/a	n/a		4	n/a	n/a
	5	n/a	n/a		5	n/a	n/a
<i>L. edodes</i>  date mixed: 31-Aug-16	1	n/a	n/a		1	n/a	n/a
	2	n/a	n/a		2	n/a	n/a
	3	n/a	n/a		3	n/a	n/a
	4	n/a	n/a		4	n/a	n/a
	5	n/a	n/a		5	n/a	n/a
<i>P. djamor</i>  date mixed: 18-Aug-16	1	n/a	n/a		1	100	i
	2	n/a	n/a		2	100	i
	3	n/a	n/a		3	100	i
	4	n/a	n/a		4	100	0-i
	5	n/a	n/a		5	100	0-i
<i>P. ostreatus brat</i>  date mixed: 18-Aug-16	1	n/a	n/a		1	100	i
	2	n/a	n/a		2	100	i
	3	n/a	n/a		3	100	i-ii
	4	n/a	n/a		4	100	i-ii
	5	n/a	n/a		5	100	i
<i>P. ostreatus columbinus</i>  date mixed: 16-Aug-16	1	50	i	growth already visible after only 1 day! No contams visible	1	100	i-ii
	2	45	i	growth already visible after only 1 day! No contams visible	2	90	i
	3	45	i	growth already visible after only 1 day! No contams visible	3	100	i
	4	35	i	growth already visible after only 1 day! No contams visible	4	100	i-ii
	5	20	i	growth already visible after only 1 day! No contams visible	5	80	i-ii
<i>P. wild CA creek</i>  date mixed: 16-Aug-16	1	30	i	visible growth, no contams visible	1	100	i-ii
	2	35	i	visible growth, no contams visible	2	100	i-ii
	3	35	i	visible growth, no contams visible	3	100	i-iii
	4	20	i	visible growth, no contams visible	4	100	i-ii
	5	15	i	visible growth, no contams visible	5	100	i-ii
<i>S. rugosoannulata</i>  date mixed: 18-Aug-16	1	n/a	n/a		1	60	i-ii
	2	n/a	n/a		2	85	i-ii
	3	n/a	n/a		3	90	i-iii
	4	n/a	n/a		4	95	i-ii
	5	n/a	n/a		5	95	i
<i>T. versicolor black</i>  date mixed: 18-Aug-16	1	50	i	seem vigorous, already fuzzing out. No contams visible	1	75	i-ii
	2	45	i	seem vigorous, already fuzzing out. No contams visible	2	95	i-iii
	3	45	i	seem vigorous, already fuzzing out. No contams visible	3	95	i-iii
	4	50	i	seem vigorous, already fuzzing out. No contams visible	4	98	i-iii
	5	40	i	seem vigorous, already fuzzing out. No contams visible	5	100	i-iii

Date: 29-Aug-2016

notes	Jar #	% growth	density
	1	n/a	n/a
	2	n/a	n/a
	3	n/a	n/a
	4	n/a	n/a
	5	n/a	n/a
	1	n/a	n/a
	2	n/a	n/a
	3	n/a	n/a
	4	n/a	n/a
	5	n/a	n/a
mycelial icicles hanging from particles on walls of jar. Consistently very fine mycelium throughout. A seed germinated! Spooky looking again, very consistantly fine myc throughout, a couple 'icicles' but not as many particles stuck on walls.	1	100	i
	2	100	i
two spots with white mycelium, the rest same as jars #1 and #2	3	100	i
very fine mycelium consistant throughout	4	100	i
extremely fine mycelium throughout... almost invisible	5	100	i
very fine mycelium reached all parts of substrate, visibly touching VW particles, climbing glass in 2 spots, few dense spots	1	100	i-ii
fine mycelium, a bit thicker than jar #1, reached entire jar substrate. A few denser spots	2	100	i-ii
a bit thicker mycelium than the first two jars, several dense white spots	3	100	i-ii
exactly like jar #3	4	100	i-ii
mostly very fine mycelium, a few dense spots at surface of substrate. All jars seem like the mycelium is not avoiding VW	5	100	i-ii-iii
a seed has germinated in jar! (from VW no doubt) actually 2, one on upper wall of jar. Mycelium looks happy	1	100	i-ii
very fine myc, base not totally colonized yet. Myc visibly touching VW particles	2	80	i
fine myc, few dense spots, 'truffula tree' sd piece at top	3	100	i
mostly very fine myc, some dense spots, touching VW	4	100	i-ii
very fine myc in large areas, other large areas of ii dense myc	5	100	i-ii
fine myc to dense chunks scattered throughout. Not avoiding VW	1	100	i-ii
fine myc to dense chunks scattered throughout. Not avoiding VW	2	100	i-ii-iii
fine myc to dense chunks scattered throughout. Not avoiding VW	3	100	i-ii-iii
very fine myc through most, one large area of ii, a few small spots of ii	4	100	i-ii
about half i, half ii	5	100	i-ii
pattern of myc growth noticeably diff, forming 'islands' of colonization w bright white edges	1	60	ii
pattern of myc growth noticeably diff, forming 'islands' of colonization w bright white edges	2	85	ii
'caves' of bright thick myc formin around chunks of VW! Fin fine myc on sdust	3	95	i-ii-iii
same as jars 1,2,3, and two large caves at base around sd and vw	4	85	i-ii-iii
extremely fine mycelium	5	100	i-ii-iii
slightly resembles sra in growth habit, large areas of ii, 'caves', and a couple large uncolonized spots	1	70	ii
powdery, mostly bright white myc, with a few 'caves' around VW, thick iii myc on surface of substrate	2	90	i-ii-iii
same as 2, plus a pocket of yellow 'mushroom pee' and fewer 'caves'	3	95	i-ii-iii
mostly ii, a couple small 'caves' around VW	4	95	i-ii-iii
spots of either very fine or thick myc, no iis, just i and iii, solid white 'continents of myc	5	100	i-iii

Date: 06-Sept-2016

notes	Jar #	% growth	density
	1	40	i-ii
	2	45	i-ii
	3	65	i-ii
	4	65	i-ii
	5	75	i-ii
	1	65	i-ii
	2	75	i-ii
	3	95	i-ii
	4	85	i-ii
	5	100	i-ii
no contam	1	100	i-iii
no contam	2	100	i
no contam	3	100	i-iii
no contam	4	100	i
no contam	5	100?	o-i
no contam	1	100	i-ii
no contam	2	100	i-ii
no contam	3	100	i-ii
no contam	4	100	i-ii
no contam, one large white area with yellow liquid droplets	5	100	i-ii-iii
no contam, myc growing on germinated seeds	1	100	i-ii
no contam, base not colonized, very fine myc	2	85	i-ii
no contam	3	100	i
no contam	4	100	i-ii
no contam, some very fuzzy myc at top	5	100	i(-ii)
no contam, some very fuzzy myc at top	1	100	i-ii-iii
no contam, I think its trying to fruit at the top	2	100	i-ii-iii
no contam	3	100	i-iii
no contam, mostly i, some ii	4	100	i-ii-iii
no contam, = i:ii	5	100	i-ii-iii
a lot of green mold spots are growing throughout the jar, but not ON mycelium....	1	45	iii=ribbo
one large area of mold on front face of jar, and one small close by at basee	2	40	iii=ribbo
one small patch of green mold on surface, 2 'lines' of spots just above substrate on glass	3	75	i-ii-iii
one area of mold but myc is thick there too... thick myc at surface	4	95	i-ii-iii
very fine throughout, a bit thicker at surface	5	100	i-ii-iii
large areas of green mold	1	65	i-ii-iii
caves' showing mold growth, very thick myc on surface, a lot of iii	2	95	i-ii-iii
mold cave at base, mostly iii, a couple caves, thick surfaceshowing liquid droplets	3	95	i-iii
no green visible, but very suspect 'cave' at baseeeeeeee. Mostly iii. Liquid droplets at sruface	4	100	i-iii
no contam	5	100	i-iii

Date: 13-Sept-2016

notes	Jar #	% growth	density
no contam visible, growth more visible on sd than on vw	1	20	i
no contam visible, growth mostly on one half of jar	2	35	i
no contam visible	3	35	i
no contam visible	4	50	i
no contam visible	5	100	i-ii
no contam visible, perhaps slight preference for sd over vw	1	65	i-ii
no contam visible	2	75	i-ii
no contam visible	3	95	i-ii
no contam visible	4	50	i-ii
no contam visible	5	100	i-ii
no contam visible, mostly very thin mycelium, a few tiny spots of pink iii (fruiting?)	1	100	i
no contam visible, very fine	2	100	i
no contam visible, mostly very fine w a few tiny pink spots	3	100	i
no contam visible, very fine	4	100	i
no contam visible, so fine im almost not sure its in some areas... bit I think its 100%	5	100	i
no contam visible, a few myc threads climbing glass	1	100	i-ii
no contam visible, a few myc threads climbing glass	2	100	i-(ii)
no contam visible, a few myc threads climbing glass	3	100	i-(ii)
no contam visible, a few myc threads climbing glass	4	100	i-(ii)
no contam visible, one large and one small very dense area of myc. Fruiting?	5	100	i-ii-iii
no contam visible, myc climbing up wall	1	100	i-ii
no contam visible, most of base uncolonized, some small chalky white areas	2	90	i-ii
no contam visible	3	100	i-ii
no contam visible, some chalky spots	4	100	i-ii
no contam visible, very fine myc, except for one fuzzy spot on surface	5	100	i-ii
no contam visible, cottony cloud like area on surface=very dense iii	1	100	i-ii-iii
no contam visible, cottony cloud like area on surface=very dense iii	2	100	i-ii-iii
no contam visible, cottony cloud like area on surface=very dense iii, more dense areas	3	100	i-ii-iii
no contam visible	4	100	i-ii-iii
no contam visible	5	100	i-ii
looks like there are ribbons/ films of healthy myc, and large areas of trich. More trich than not.	1	30	iii
looks like there are ribbons/ films of healthy myc, and large areas of trich. More trich than not.	2	30	iii
ribbons' or 'skins' of myc, and fuzzy colonized areas as well. Lots of green trichoderma.	3	60	ii-iii
interesting: large area of ii, mostly free of trich with a distinct line/ wall of myc, then a less dense area with more trich. See photos.	4	85	i-ii-iii
no contams visible. Iii on top surface only	5	100	i-ii-iii
similar ribbons/ walls to sra, lots of green fuzzy trich	1	70	i-ii-iii
trich present, but seems myc has it 'corralled' and under control? Yellowish areas surrounding trich	2	95	i-ii-iii
half of jar=i, other half iii and very smooth against glass+ a little grey. A couple 'walled off' trich areas	3	98	iii-i
mostly very dense iii, and areas of i.	4	100	iii-i
mostly very dense iii, and areas of i, no contams visible.	5	100	iii-i

Date: 20-Sept-2016

notes	Jar #	% growth	density
a lot of green mold growing now, and a plant germinated in the jar too	1	10	i
lots of green mold	2	20	i
green mold all over	3	10	i
about = mold : mycelium	4	25	i
healthy looking, no contams, thick fuzzy top layer	5	100	ii-iii
some interesting walls/ ribbons of thick myc separating substrates into sections. Seed sprouting.	1	100	i
mold suspected, walls/ ribbons	2	100	i
mold suspected on surface, rest looks great, myc on glass	3	100	i-ii
myc wall splitting substrate in half, mold just starting on one side, other side noticeably whiter	4	40	i-ii
healthy looking, no contams	5	100	i-ii
no contams visible, very fine throughout, trying to fruit in a few tiny spots	1	100	i
no contams visible, very fine throughout, trying to fruit in a few tiny spots	2	100	i
no contams visible, very fine throughout, trying to fruit in a few tiny spots	3	100	i
no contams visible, very fine throughout	4	100	i
no contams visible, very fine throughout	5	100	i
no contams visible, looking great	1	100	i-ii
no contams visible, mostly pretty fine i myc, a few spots of ii, lightning myc on glass	2	100	i-ii
no contams visible, mostly i, a few spots of ii, climbing glass	3	100	i-ii
no contams visible, mostly i, a few spots of ii, climbing glass	4	100	i-ii
no contams visible, mostly i, and a big patch of iii at top	5	100	i-ii-iii
no contams visible. Climbing walls	1	100	i-ii
mold suspect at base	2	90	i-ii
no contams visible, looks healthy, but a bit fine	3	100	i-ii
no contams visible, looks great	4	100	i-ii
no contams visible, looks great	5	100	i-ii
no contams visible, cottony cloud like balls at surface, nicely colonized w different densities throughout	1	100	i-ii-iii
no contams visible, cottony cloud like balls at surface, nicely colonized w different densities throughout	2	100	i-ii-iii
no contams visible, lots of iii areas	3	100	i-ii-iii
no contams visible, lots of i and iii areas, looks good	4	100	i-ii-iii
no contams visible, mostly ii, looks great, healthy	5	100	i-ii
looking bleak for this jar... dark with trichoderma, but strong ribbons of white myc still present	1	10	iii
looking bleak for this jar... dark with trichoderma, but strong ribbons of white myc still present	2	20	iii
lots of trich, but still a few clean areas...	3	35	i-ii-iii
iii top surface, some walls/ ribbons, some i-ii myc mixed in w trich... lots of trich	4	70	i-ii-iii
looks great, very dense iii at surface, finer as you go down	5	100	i-ii-iii
some areas taken by trich, some myc-only areas, walls 'trying to seal out' trich?	1	70	i-ii-iii
some trich, but concentrated in 'walled off' areas, lots of clean myc areas	2	95	i-ii-iii
~70% very dense myc pressed against glass, other 30% is chalky fine myc	3	98	iii-i
~80% iii, 20% i, a couple dark areas w/o myc (contams but not seeing green)	4	100	iii-i
~80% iii, very similar growth pattern but no contams visible.	5	100	iii-i

Date: 20-Sept-2016

notes	Jar #	% growth	density
2 plants growing inside, not a lot o myc	1	10	i
lots of green mold	2	20	i
mold	3	15	i
mold	4	20	i
looks great, no contams, growing up glass	5	100	ii-iii
no green or blue, but suspected contam. Myc VERY fine, very dark color	1	100	i-ii
very fine, some areas look healthy, some moldy	2	100	i-ii
looks pretty good, one contam area at top	3	100	i-ii-iii
half paler and healthy, myc wall, other half dark and moldy	4	50	i-ii
healthy and white looking, no contams	5	100	i-ii
no contams visible, very fine throughout, fruiting in multiple spots	1	100	i
no contams visible, very fine throughout, fruiting in multiple spots	2	100	i
no contams visible, very fine throughout, fruiting in multiple spots	3	100	i
no contams visible, very fine throughout, fruiting in multiple spots	4	100	i
no contams visible, very fine throughout, fruiting in multiple spots	5	100	i
no contams visible, bright white myc, not that dense	1	100	i-ii-iii
no contams visible, bright white myc, not that dense	2	100	i-ii
no contams visible, bright white myc, not that dense	3	100	i-ii
no contams visible, bright white myc, not that dense	4	100	i-ii
no contams visible, mostly i, and a big patch of iii at top	5	100	i-ii-iii
no contams visible, still not very dense	1	100	ii-iii
contams suspect at base	2	95	i-ii
no contams visible, still not very dense	3	100	ii
no contams visible, still not very dense	4	100	ii
no contams visible, still not very dense	5	100	i-ii
no contams visible, big white globs/ coral like at top	1	100	i-ii-iii
no contams visible, big white globs/ coral like at top	2	100	i-ii-iii
no contams visible, more dense than 1&2, big white globs/ coral like at top	3	100	i-ii-iii
no contams visible, more dense than 1&2, big white globs/ coral like at top	4	100	i-ii-iii
no contams visible, more dense than 1&2, big white globs/ coral like at top	5	100	ii
very dark w mold (iii=ribbons)	1	10	iii
slightly more myc than 1, very green mold	2	20	iii
some fuzzy muc areas and ribbons too	3	35	i-ii-iii
some fuzzy muc areas and ribbons too	4	70	i-ii-iii
looks great, no contams	5	100	i-ii
pretty moldy but myc still 'hanging on'	1	65	ii-iii
moldy, but mostly ok looking myc	2	90	i-ii-iii
mostly myc w a couple coldy 'caves'	3	100	iii-i
some myc starting to look very grey... green... contam eating it?	4	100	iii-i
very dense iii, and some fine i.	5	100	iii-i

notes
pretty much taken over by mold, lots of black.
some areas of plain sd, some of myc and blackish mold
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sd still visible and brown, but fully colonized, up jar sides too
cant tell between shiitake or contam myc, but jar very dark
~15% w/o mold (one area) is pale, the rest dark w/ spots of green and dark
almost contam-free, pale and white thick iii on surface, dark circle of contam at top
~ half pale, half dark w a thick 'wall' of myc between. Mold spots on dark half.
very blonde sd with stars of mycelium in various spots. No contams visible
several small pink coral like fruits, very fine myc throughout, pretty dark color throughout
3 coral fruits at surface, one is pretty big, fine myc throughout, slightly paler sd than jar1
1 fruit at surface, a couple along glass, no contams visible, fine i throughout
i throughout, 1 small fruit at surface
i throughout, very fine, appears a bit drier than 1-4
thick myc at surface, no sign of contams
pretty fine myc, a bit thicker at surface, no sign of contams
pretty fine myc, a bit thicker at surface, no sign of contams
pretty fine myc, a bit thicker at surface, a couple thick spots against glass, no sign of contams
very thick cottony myc at surface, fine throughout rest cept 2 spots, no sign of contams
ii throughout, iii at surace, and climbing glass, no contams
fine i throughout, some ii, 2 areas at base w no myc no contams
evenly ii, a couple tiny whiter areas no contams
evenly ii, a couple tiny whiter areasno contams
i throughout, surface center ii no contams
coral like fruits at surface, no contams
coral like fruits at surface, no contams
more iii than i or ii, no contams
more iii than i or ii, no contams
evenly ii, very fluffy looking between sd, no contams
still has white ribbons or myc layers, but very black w contams
still has white ribbons or myc layers, but very black and green w contams
thick ribbons, some fuzzy b/w sd particles, plenty of black and green
thick white surface myc, fuzz b/w sd, plenty of black and green
no contams, thich surface myc, finer throughout