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APPENDICES

APPENDIX A

MEDIA

1) MEA : Malt extract agar (according to Blakeslee)

Malt extract (powdered)	20	g
Peptone, bacteriological	1	g
Glucose	20	g
Agar	15	g
Distilled water	1	litre

Final pH 5.0-5.5

2) PDA : Potato-dextrose agar

Potatoes, peeled and diced	200	g
Glucose	20	g
Agar	15	g
Distilled water	1	litre

Boil 200 g of peels, diced potatoes for 1 hr in 1 litre of distilled water. Filter, and make up the filtrate to one litre. Add the glucose and agar and dissolve by steaming and sterilise by autoclaving at 121°C for 15 min.

3) Nutrient Agar

Peptone	5	g
Beef extract	3	g
Agar	15	g
Distilled water	1	litre

Adjust pH to 7.0 ± 0.1

APPENDIX B

STAINS

1) Melzer's reagent

Chloral hydrate	100	g
Potassium iodine	5	g
Iodine	5	g
Distilled water	100	g

2) Lactophenol-Cotton Blue

Lactophenol

Lactic acid	100	ml
Phenol	100	g
Glycerol	200	ml
Water	100	ml

Dissolve the phenol in the water without heat, then add the lactic acid and the glycerol

Cotton blue solution

Saturated solution of cotton blue

(Soluble aniline blue)	10	ml
Glycerol	10	ml
Water	80	ml

Mix equal parts of lactophenol and cotton blue solution

APPENDIX C

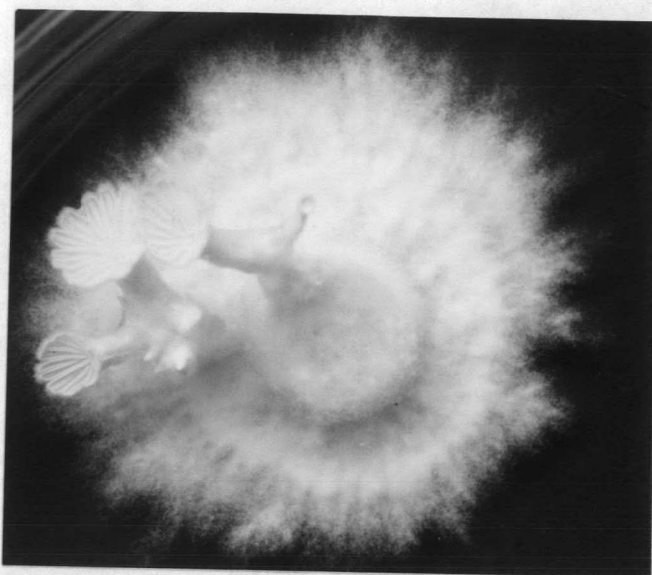


Figure 1. Culture of *Schizophyllum commune* on PDA (10 Days)

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