

Russula		Nr.:		PHOTO ?
Locality :		D1 - Color of spore deposit:		
		Romagnesi	Dagron	Kibby & Fatto
Country :	Date:			

ARE THE SPECIMENS....

- ? 2 1 0 **C1-1** growing single
- ? 2 1 0 **C1-2** growing with 1-3 specimens
- ? 2 1 0 **C1-3** growing with 3-10 specimens
- ? 2 1 0 **C1-4** growing with > 10 specimens

supposedly number of specimens/mycelium

lower rare normally between upper rare
(.....) X (.....)

IS THE MARGIN.....

- ? 2 1 0 **C2-0** smooth (not striate) ?
- ? 2 1 0 **C2-1** very shortly or tardively a bit striate ?
- ? 2 1 0 **C2-2** strongly striate-cannellate/tuberculate ?
- ? 2 1 0 **T1** longtime strongly inrolled
- ? 2 1 0 **T2** very (ir)regularly waving -sinuous
- ? 2 1 0 **T3** zonate ?
- ? 2 1 0 **T4** pubescent (L.tormentosus etc...)

MEASUREMENTS (in mm) :

for up to 8 specimens :

	1	2	3	4	5	6	7	8
S1 - Cap diam:								
S2 - Height Gills								
S3 - Stipe Length								
S4 - St. Width								
S5 - Thickness cap								

IS THE CAP SURFACE...

- ? 2 1 0 **C3-0** glabrous ?
- ? 2 1 0 **C3-1** felty-velutinous ?
- ? 2 1 0 **C3-2** granular-squamulose ?
- ? 2 1 0 **T5** in the center getting paler than margin with age ?
- ? 2 1 0 **C4-0** never viscose, even when wet ?
- ? 2 1 0 **C4-1** greasy- viscose when wet ?
- ? 2 1 0 **C4-2** pileus slimy-glutinous when wet ?
- ? 2 1 0 **C5-0** depressed in the extreme center ?
- ? 2 1 0 **C5-1** flat in the extreme center ?
- ? 2 1 0 **C5-2** convex in the extreme center ?
- ? 2 1 0 **C6-0** not or hardly peeling near the margin ? (<20% radius)
- ? 2 1 0 **C6-1** separable except in center (20-95%)
- ? 2 1 0 **C6-2** **completely** separable ?
- ? 2 1 0 **T6** shiny, even when dry ?
- ? 2 1 0 **T7** having a whitish pruina when dry (cf R.parazurea) ?
- ? 2 1 0 **T8** hygrophamous ?
- ? 2 1 0 **C7-1** smooth and continuous (as in emeticinae)
- ? 2 1 0 **C7-2** with minute veins or ridges (as in R.rugulosa or R.cyanoxantha)
- ? 2 1 0 **C7-3** with strong venation (cf. L. lignyotus)
- ? 2 1 0 **C7-4** roughened/ cottony (R.gossypina, Delicinae)
- ? 2 1 0 **C7-5** finely cracked (ex. some Griseinae) also when humid
- ? 2 1 0 **C7-6** coarsely cracked (R.virescens, crustosa, meleagris)
- ? 2 1 0 **C7-7** deeply fissured exposing cap flesh (as from drought)

	1	2	3	4	5	6	7	8
measure only mature specimens ; always highest value ; for cap context note value above gill attachment in 90*angle to cap surface								

do not look at the entire cap which is usually depressed with age, just look at the part above the stipe !

IS THE STIPE ...

- ? 2 1 0 **T9** radicant ?
- ? 2 1 0 **C8-0** conical (broader below)
- ? 2 1 0 **C8-1** cylindrical ?
- ? 2 1 0 **C8-2** clavate (narrowing downwards)
- ? 2 1 0 **C9-1** Quickly completely hollow ?
- ? 2 1 0 **C9-2** With 6 to 10 or more cavities:
- ? 2 1 0 **C9-3** With few (2-5) cavities:
- ? 2 1 0 **C9-4** no cavities no hard cortical zone
- ? 2 1 0 **C9-5** no cavities but soft/spongy under corte
- ? 2 1 0 **C10-0** extremely fragile
- ? 2 1 0 **C10-1** neither extremely fragile nor very hard
- ? 2 1 0 **C10-2** very hard (lepida, camarophylla...)
- ? 2 1 0 **C11-0** central
- ? 2 1 0 **C11-1** excentric
- ? 2 1 0 **C11-2** lateral
- ? 2 1 0 **T10** developing mycelial mat at the base
- ? 2 1 0 **C12-0** reduced inside cap
- ? 2 1 0 **C12-1** shorter than cap diam.
- ? 2 1 0 **C12-2** longer than cap diam.
- ? 2 1 0 **C13-0** smooth
- ? 2 1 0 **C13-1** scaly/squamulose/zebroid near base
- ? 2 1 0 **C13-2** scaly/squamulose/zebroid all over
- ? 2 1 0 **T11** scrobiculate ?
- ? 2 1 0 **C14-0** not **whitish** pruinose
- ? 2 1 0 **C14-1** pruinose near the top
- ? 2 1 0 **C14-2** pruinose all over
- ? 2 1 0 **C14-3** **colored granular-pruinose** covering (as cap)
- ? 2 1 0 **T12** wrinkled-furrowed (as adusta) in lower half
- ? 2 1 0 **T13** pubescent near base (cf Lactarius sp.)?

MAIN COLOUR (generally dominant colours : code 2 ; rarely dominant colours : code 1 ; absence : code 0)

C28 C29 C30 C31 C32 C33 C34 C35 C36 C37

2=positive answer

1= yes, but...not well expressed.... or only sometimes)

0=negative answer

?=I don't know

12 december 2003

	pileus	gills	st mid	st base	st apex	exsic	latex fresh	lat dry	context	chang	mycelium
Grey											
Black											
Pale brown:											
Dark brown:											
white:											
cream:											
warm yellow/ochre :											
lemon :											
orange:											
pink:											
Blood red											
wine/purple/lila											
green											
bleu											

ARE THE GILLS ...				SMELL			
? 2 1 0	T14	much lower than flesh thickness ?	? / 2 / 1 / 0	T18	Odour strong		
? 2 1 0	T15	attenuate towards cap margin ?	? / 2 / 1 / 0	C23-1	Spermatic		
? 2 1 0	C15-1	less than 3 L/cm near cap margin	? / 2 / 1 / 0	C23-2	Disagreeable nauseous :		
? 2 1 0	C15-2	4 - 7 L/cm	? / 2 / 1 / 0	C23-3	caoutchouc		
? 2 1 0	C15-3	8 - 13 L/cm	? / 2 / 1 / 0	C23-4	Fish, crustaceous:		
? 2 1 0	C15-4	14 - 17 L/cm	? / 2 / 1 / 0	C23-5	Camembert:		
? 2 1 0	C15-5	> 18 L/cm	? / 2 / 1 / 0	C23-6	Bugs:		
? 2 1 0	C16-0	not anastomosing	? / 2 / 1 / 0	C23-7	Iodoform:		
? 2 1 0	C16-1	strongly anastomosing towards flesh	? / 2 / 1 / 0	C23-8	Pelargonium:		
? 2 1 0	C16-2	gleboid - alveolar in structure	? / 2 / 1 / 0	C23-9	Pencil:		
? 2 1 0	T16	largely outnumbered by shorter lamellulae ?	? / 2 / 1 / 0	C23-10	Mealy:		
? 2 1 0	T16bis	shorter lamellulae irregular but numerous	? / 2 / 1 / 0	C23-11	Camphoratus:		
? 2 1 0	C17-0	not anastomosing/forking around stipe	? / 2 / 1 / 0	C23-12	Cocos:		
? 2 1 0	C17-1	locally anastomosing/forking around stipe	? / 2 / 1 / 0	C23-13	Almonds:		
? 2 1 0	C17-2	strongly so, forming zone around stipe	? / 2 / 1 / 0	C23-14	Honey:		
? 2 1 0	C18-0	not or exceptionally forking away from stipe	? / 2 / 1 / 0	C23-15	Fruits (abricots, mirabelle)		
? 2 1 0	C18-1	quite often forking away from stipe	? / 2 / 1 / 0	C23-16	Fruits(compote de pomme, fellea)		
? 2 1 0	C18-2	almost regularly forking as in Cantharellus/Hygrophoropsis	? / 2 / 1 / 0	C23-17	Raphanoid:		
? 2 1 0	C19-0	having edge and sides of same colour (young!) ?	? / 2 / 1 / 0	C23-18	pleasant		
? 2 1 0	C19-1	having coloured edge near cap margin only ?		TASTE			
? 2 1 0	C19-2	having entirely coloured edge ?	? / 2 / 1 / 0	T19	Bitter:		
? 2 1 0	C20-0	decurrent ?	? / 2 / 1 / 0	T20	Sweet		
? 2 1 0	C20-1	adnate ?	? / 2 / 1 / 0	T21	Nauseous		
? 2 1 0	C20-2	free ?	? / 2 / 1 / 0	C24-1	Mild		
? 2 1 0	C21-0	brittle / fragile ?	? / 2 / 1 / 0	C24-2	hardly to weakly acrid		
? 2 1 0	C21-1	elastic ?	? / 2 / 1 / 0	C24-3	acrid but not very strong		
? 2 1 0	C21-2	elastic and greasy-buttery ? (cyanoxantha)	? / 2 / 1 / 0	C24-4	acrid and very strong to hurting		
? 2 1 0	T17	serrulate or uneven at edge ?	? / 2 / 1 / 0	T22	Tacr - acidity retarded / slow		
IS A VEIL				LATEX			
? 2 1 0	C22-0	absent	? / 2 / 1 / 0	C25-0	absent		
? 2 1 0	C22-1	present in fragments on cap margin	? / 2 / 1 / 0	C25-1	scarce		
? 2 1 0	C22-2	as a ring around stipe or at cap margin	? / 2 / 1 / 0	C25-2	abundant		
MACROCHEMICAL REACTIONS							
? 2 1 0	T23	Sulfo-vanillin test on flesh	? / 2 / 1 / 0	T24	T28 - Gaiac rapid blue		
? 2 1 0	C26-0	FeSO4 test on flesh nihil	? / 2 / 1 / 0	T25	T29 - Phenol purple/vinaceous		
? 2 1 0	C26-1	FeSO4 test on flesh green	? / 2 / 1 / 0	T26	T30 - Aniline red on flesh		
? 2 1 0	C26-2	FeSO4 test on flesh pink/orange	? / 2 / 1 / 0	T27	T30bis - Aniline yellow on gills		
? 2 1 0	C27-0	FeSO4 test on stipe cortex nihil	? / 2 / 1 / 0	T28	T31 - NH4OH test on flesh yellow		
? 2 1 0	C27-1	FeSO4 test on stipe cortex green	? / 2 / 1 / 0	T29	T31 - NH4OH test on flesh pink		
? 2 1 0	C27-2	FeSO4 test on stipe cortex pink/orange	? / 2 / 1 / 0	T30	T32 - Formol test red/pink		
			? / 2 / 1 / 0	T31	T70 - KOH test red		

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