### Field characters

**Russula**

<table>
<thead>
<tr>
<th>Nr.</th>
<th>PHOTO?</th>
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**Locality:**

<table>
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<tr>
<th>Field characters</th>
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<tbody>
<tr>
<td>D1 - Color of spore deposit:</td>
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<tr>
<td>Romagnesi</td>
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</table>

**Country:**

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<th>Date:</th>
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</table>

**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 |

**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-cannelate/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.torminosus etc...) |

**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 pruinia when dry (cf R.parazurea)? |
| ? 2 | 1 | 0 | T8 | hygrophanous? |
| ? 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) |

**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 |

**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
<table>
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<tr>
<th>Field characters</th>
<th>Description Form</th>
<th>12 december 2003</th>
<th>Coding B. Buyck</th>
<th>Form</th>
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</thead>
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### ARE THE GILLS ...

| ? | 2 | 1 | 0 | T14 | much lower than flesh thickness ? |
| ? | 2 | 1 | 0 | T15 | attenuate towards cap margin ? |
| ? | 2 | 1 | 0 | C15-1 | less than 3 L/cm near cap margin |
| ? | 2 | 1 | 0 | C15-2-4 | 7 L/cm |
| ? | 2 | 1 | 0 | C15-3 | 8 - 13 L/cm |
| ? | 2 | 1 | 0 | C15-4 | 14 - 17 L/cm |
| ? | 2 | 1 | 0 | C15-5 | > 18 L/cm |
| ? | 2 | 1 | 0 | C16-0 | not anastomosing |
| ? | 2 | 1 | 0 | C16-1 | not anastomosing/forking around stipe |
| ? | 2 | 1 | 0 | C16-2 | locally anastomosing/forking around stipe |
| ? | 2 | 1 | 0 | C16-3 | strongly so, forming zone around stipe |
| ? | 2 | 1 | 0 | C16-4 | free |
| ? | 2 | 1 | 0 | C16-5 | not or exceptionally forking away from stipe |
| ? | 2 | 1 | 0 | C16-6 | forming zone around stipe |
| ? | 2 | 1 | 0 | C16-7 | almost regularly forking as in Cantharellus/Hygrophoropsis |

### SMELL

| ? | 2 | 1 | 0 | T18 | Odour strong |
| ? | 2 | 1 | 0 | C23-1 | Spermatic |
| ? | 2 | 1 | 0 | C23-2 | Disagreeable nauseous : |
| ? | 2 | 1 | 0 | C23-3 | caoutchouc |
| ? | 2 | 1 | 0 | C23-4 | Fish, crustaceous : |
| ? | 2 | 1 | 0 | C23-5 | Camembert: |
| ? | 2 | 1 | 0 | C23-6 | Bugs: |
| ? | 2 | 1 | 0 | C23-7 | Iodoform: |
| ? | 2 | 1 | 0 | C23-8 | Pencil: |
| ? | 2 | 1 | 0 | C23-9 | Mealy: |
| ? | 2 | 1 | 0 | C23-10 | Almonds: |
| ? | 2 | 1 | 0 | C23-11 | Camphoratus: |
| ? | 2 | 1 | 0 | C23-12 | Cocos: |
| ? | 2 | 1 | 0 | C23-13 | Fruits (abricots, mirabelle) |
| ? | 2 | 1 | 0 | C23-14 | Fruits (compote de pomme, fellea) |
| ? | 2 | 1 | 0 | C23-15 | Pleasant |
| ? | 2 | 1 | 0 | C23-16 | Tasteful |

### TASTE

| ? | 2 | 1 | 0 | T19 | Bitter: |
| ? | 2 | 1 | 0 | C21-0 | Brittle / fragile |
| ? | 2 | 1 | 0 | C21-1 | Elastic |
| ? | 2 | 1 | 0 | C21-2 | Elastic and greasy-buttery ? (cyanoxantha) |

### IS A VEIL LATEX

| ? | 2 | 1 | 0 | C22-0 | absent |
| ? | 2 | 1 | 0 | C22-1 | present in fragments on cap margin |
| ? | 2 | 1 | 0 | C22-2 | as a ring around stipe or at cap margin |

### MACROCHEMICAL REACTIONS

| ? | 2 | 1 | 0 | T23 | Sulfo-vanillin test on flesh |
| ? | 2 | 1 | 0 | C26-0 | FeSO4 test on flesh nil |
| ? | 2 | 1 | 0 | C26-1 | FeSO4 test on flesh green |
| ? | 2 | 1 | 0 | C26-2 | FeSO4 test on flesh pink/orange |
| ? | 2 | 1 | 0 | C27-0 | FeSO4 test on stipe cortex nil |
| ? | 2 | 1 | 0 | C27-1 | FeSO4 test on stipe cortex green |
| ? | 2 | 1 | 0 | C27-2 | FeSO4 test on stipe cortex pink/orange |

### LATEX

| ? | 2 | 1 | 0 | T24 | T28 - Gaiac rapid blue |
| ? | 2 | 1 | 0 | T25 | T29 - Phenol purple/vinaceous |
| ? | 2 | 1 | 0 | T26 | T30 - Aniline red on flesh |
| ? | 2 | 1 | 0 | T27 | T30bis - Aniline yellow on gills |
| ? | 2 | 1 | 0 | T28 | T31 - NH4OH test on flesh yellow |
| ? | 2 | 1 | 0 | T29 | T31 - NH4OH test on flesh pink |
| ? | 2 | 1 | 0 | T30 | T32 - Formol test red/pink |
| ? | 2 | 1 | 0 | T31 | T70 - KOH test red |