

Key for Cuphophyllus, Gliophorus and Neohygrocybe Waxcaps - 06.08.23

Cap	Stem	Cap	Stem	Gill	Smell	Cap		Name
Dark	Dark	Gre/Dry	Dry/Fib	Adnex Ven	Yes	20-90	N. ovina	Blushing
Dark	Dark/Pale	Gre/Dry	Dry/Fib	Adna/Emar	Yes	20-70	1	
Dark	Dark	Slimy	Slimy	Adna/Dec		20-50	G. irrigatus	Slimy
Brown	White	Gre/Dry	Dry/Fib	Decurrent		10-50	C. colemannianus	Toasted
Grey	White	Gre/Dry	Fibrillose	Decurrent		10-75	2	
Grey	White	Gre/Dry	Dry	Decurrent	Yes	25-60	C. lacmus	Grey
Orange	Orange	Slimy	Slimy	Decurrent	Yes	10-50	G. laetus	Heath
Orange	Orange	Slimy	Slimy	Adna/Emar	No	5-50	G. psittacinus	Parrot
Yellow	Yellow	Slimy	Slimy	Decurrent	Yes	10-50	G. laetus	Heath
Ye/Re/Pu	Green	Slimy	Slimy	Adna/Emar		5-50	G. psittacinus	Parrot
Green	Green	Slimy	Slimy	Anda/Emar		5-50	G. psittacinus	Parrot
White	White	Gr/Dr/Fi/Sq	Dry/Fib	Emar	Y/N		3	
White	White	Gre/Dry	Dry/Fib	Decurrent			4	
White	White	Gre/Dry	Dry/Fib	Decurrent	Yes	5-30	C. russocoriaceus	Cedarwood
Br/Gr/Wh	White	Gre/Dry/F/S	Dry/Fib	Emar	Y/N		3	
Apricot	Apricot	Slimy	Slimy	Decurrent	Yes	10-50	G. laetus	Heath
Apricot	Ap/Wh	Gre/Dry	Dry/Fib	Decurrent		30-120	C. pratensis	Meadow
Brown	Brown	Slimy	Greasy	Adna/Dec			5	
Pur/Pi	Wh/Pi	Sli/ Gre/Dry	Wet	Free		15-55	G. reginae	Jubilee

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|---|---|--------|------------------|--------------|
| 1 | Flesh reddening, faint nitrous smell. Cap buff to dark brown, stem cream to | 20-60 | N. ingrata | Dingy |
| | Flesh not reddening, strong nitrous smell | 20-70 | N. nitrata | Nitrous |
| 2 | Base of stem yellow | 20-70 | C. flavipes | Yellowfoot |
| | Base not yellow | 10-20 | C. radiatus | Slender |
| 3 | Cap and stem smooth | 20-80 | C. fornicatus | Earthy |
| | Cap and stem with scales | 20-80 | C. lepidopus | Scalyfoot |
| 4 | Cap dry and chalky, not changing shade when moist, large fungus | 20-100 | C. berkeleyi | Pale |
| | Cap +- greasy, changing shade when moist | 10-70 | C. virgineus | Snowy |
| 5 | Slightly adnate to free gills | 15-55 | G. reginae | Jubilee |
| | Adnate to decurrent gills | 10-25 | G. europerplexus | Butterscotch |



Adnate: Gills widely attached to stem **Adnexed:** Gills narrowly attached to stem **Decurrent:** Gills running down the stem



Free: Gills do not meet the stem (unattached) **Sinuate:** Gills smoothly notched before running slightly down the stem **Emarginate:** Gills notched before attaching

Key

Gr/Dr = Greasy/Dry
 F/S = Fibrillose/Squamulose
 W = Wet
 Dry/Fib = Dry/Fibrillose

Gills

Adn = Adnate
 Emar = Emarginate
 Dec = Decurrent
 Ven = Ventricose

Common Name Colours

Green - Common
 Blue - Important
 Red - Very Rare

Key for Hygrocybe, Gloioxanthomyces and Porpolomopsis Waxcaps - 06.08..23

Cap	Stem	Cap	Stem	Gill	Smell	Cap	Name	Name
Black	Black	Gr/Dry/Fib	Gr/Dry/Fib	Free/Adnate		5-100	H. conica	Blackening
Bla/Re/Or/Ye	Yellow	Gr/Dry/Fib	Gr/Dry/Fib	Free/Adnate		5-100	H. conica	Blackening
Dark	Yellow	Gre/Dry	Dry/Fib	Free/Adnate		25-80	H. spadicea	Date
Orange	Orange	Slimy	Slimy	Adn/Dec/Emar		5-30	H. glutinipes	Glutinous
Orange	Orange	Slimy	Slimy/W/Dry	Adnex Vent		20-70	H. chlorophana	Golden
Orange	Orange	Gre/Dry	Wet	Adnate/Dec		5-25	H. insipida	Spangle
Orange	Orange	Gre/Dry	Gre/Dry	Adnate/Adnex			7	
Orange	Orange	Gre/Dry	Dry/Fib	Adn/Dec/Emar			1	
Orange	Orange	Gre/Dry	Dry/Fib	Adn/Dec/Emar	Yes		2	
Orange	Orange	Fib/Squam	Dry/Fib	Adnex/Free		25-110	H. intermedia	Fibrous
Orange	Orange	Fib/Squam	Dry/Fib	Adnate/Dec			3	
Orange	Orange	Fib/Squam	Dry/Fib	Decurrent			4	
Orange	Orange	Gre/Dry	W/Dry/Fib	Free		10-70	H. acutoconica	Persistent
Orange	Or/Ye	Gre/Dry	Dry/Fib	Adn/Emar Ven		20-50	H. aurantiosplendens	Orange
Red	Red	Slimy	Slimy	Adn/Dec/Emar		5-30	H. glutinipes var. rubra	Glutinous
Red	Red	Gre/Dry	Wet/Greasy	Adnate/Dec			5	
Red	Red	Gre/Dry	Wet	Adnate/Dec		5-25	H. insipida	Spangle
Red	Red	Dry	Dry/Fib	Adnate Vent	Yes	20-70	H. splendissima	Splendid
Red	Red	Gre/Dry	Dry/Fib	Adnate/Dec			6	
Red	Red	Fib/Squam	Dry/Fib	Adnate/Dec			3	
Red	Red	Fib/Squam	Dry/Fib	Decurrent			4	
Red/Oran	Yellow	Gr/Dr/Fib	Gr/Dr/Fib	Free/Adnate		5-100	H. conica	Blackening
Yellow	Yellow	Slimy	Slimy	Adn/Dec/Emar		5-30	H. glutinipes	Glutinous
Yellow	Yellow	Slimy	Slimy	Decurrent		5-20	H. vitellina	Glistening
Yellow	Yellow	Slimy	Slimy/W/Dry	Adnex Vent		20-70	H. chlorophana	Golden
Yellow	Orange	Gre/Dry	Dry/Fib	Adn/Emar Ven	Yes	10-80	H. quieta	Oily
Yellow	Yellow	Gre/Dry	Wet	Adnate/Dec		5-25	H. insipida	Spangle
Yellow	Yellow	Gre/Dry	Dry/Greasy	Adnex/Adnate			7	
Yellow	Yellow	Gre/Dry	Fibrillose	Adnate/Emar		20-50	H. aurantiosplendens	Orange
Yellow	Yellow	Gre/Dry	Fibrillose	Free/Adnex		10-70	H. acutoconica	Persistent
Yellow	Yellow	Fib/Squam	Dry/Fib	Free/Adnex		25-90	H. citrinovirens	Citrine
Yellow	Yellow	Gre/Dry	W/Dry/Fib	Free		10-70	H. acutoconica	Persistent
Green	Green	Fib/Squam	Dry/Fib	Free/Adnex		25-90	H. citrinovirens	Citrine
White	White	Slimy	Slimy	Decurrent		5-20	G. vitellinus	Glistening
Pink	White	Gre/Dry	Dry/Fib	Free/Adnex		25-100	P. calyptiformis	Pink

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|----|---|--------|--------------------|------------|
| 1 | Stem with bitter taste if placed on tip of tongue | 5-35 | H. mucronella | Bitter |
| | Stem without bitter taste and with papilla/nipple | 5-30 | H. subpapillata | Papillate |
| 2 | Orange fungus, paler yellow gills, base of stem smells like honey when squashed | 10-50 | H. reidii | Honey |
| | Usually yellow cap with darker, orange gills; smells like machine oil/workshops | 10-80 | H. quieta | Oily |
| 3 | Usually Red - Fragile, early fruiting. | 10-25 | H. helobia | Garlic |
| | Usually Red - Not fragile. | 10-50 | H. miniata | Vermillion |
| | Usually Orange | 5-50 | H. substrangulata | Waisted |
| | Calcareous - Striate edge | 5-25 | H. calciphila | Limestone |
| 4 | Black scales in cap centre, wetter habitat | 10-20 | H. coccineocrenata | Bog |
| | No black scales, drier habitat | 5-40 | H. lepida | Goblet |
| 5 | Cap red in centre, cap/stem with bitter taste if placed on tip of tongue | 5-35 | H. mucronella | Bitter |
| | Cap red/striate at rim, without bitter taste - if neither fits go to 6B | 5-25 | H. insipida | Spangle |
| 6 | Large fungus with coarsely fibrillose stem - if not go to 6A | 30-150 | H. punicea | Crimson |
| 6A | Cap with a dark shade to centre, usually dark red, exceptionally yellow | 5-50 | H. phaeococcinea | Shadowed |
| | Cap with no black coating in centre -6B | | | |
| 6B | Cap red, at least when young, under lens finely nodulose or veined | 10-60 | H. coccinea | Scarlet |
| | Cap orange, orange red, occasionally red, smooth with papilla/nipple | 5-30 | H. subpapillata | Papillate |
| 7 | Gills broadly adnate to sub decurrent, stem rarely > 5mm broad | 5-50 | H. ceracea | Butter |
| | Gills adnexed, ventricose. Stem usually > 5mm | 20-70 | H. chlorophana | Golden |

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