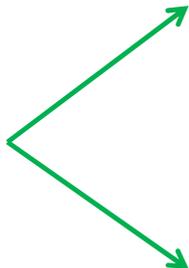


**GROUP 3, STALK WITH A RING, VEIL OR GAITER :  
IDENTIFICATION KEY.**

**GROUP 3**



**GROUP 3 A**  
Stipe surrounded by a  
gaiter.

**GROUP 3 B**  
Stipe with a ring, without  
gaiter, often glandular;  
usually slimy cap.

					<b>GROUP 3 A</b> 6 species.
					<b>GROUP 3 B</b> 6 species.

**GROUP 3, STALK WITH A RING, VEIL OR GAITER :  
IDENTIFICATION KEY.**

**GROUP 3 A  
Stipe surrounded  
by a gaiter.**

**GROUP 3 B**

Cap adorned with many wine-red scales or patches.

Brown cap; white secondary veil.

Pale brown to reddish brown cap.

Cap brown to dark reddish brown.

Cap covered with velar remains.

Sulfur yellow fruitbodies.

				3,1 Painted Suillus <i>Suillus pictus</i> <i>Fuscoboletinus pictus</i>	 
				3,2 Slippery Jack <i>Suillus luteus</i>	 
				3,3 Larch Suillus <i>Suillus grevillei</i> <i>Suillus clintonianus</i>	 
				3,4 Breal Bolete <i>Suillus glandulosus</i> <i>Fuscoboletinus glandulosus</i>	 
Cap covered with dark brown velar remains on a pale background.	Stipe pale yellow at the apex, red-brown on the rest of the stipe.	Pore surface pale yellow, browning with age.	Pale yellow flesh reddening or browning a little when cut.	3,5 Bog Bolete <i>Suillus spectabilis</i>	 
Cap sulfur yellow, often reddish in the center.	Stipe sulfur yellow, often radicating.	Pore surface yellow, olive at maturity.	Flesh whitish or yellow, bluish slightly when cut.	3,6 Powdery Sulfur Bolete <i>Pulveroboletus ravenelii</i>	 

**GROUP 3, STALK WITH A RING, VEIL OR GAITER :  
IDENTIFICATION KEY.**

**GROUP 3 B**  
Stipe with a ring,  
without gaiter, often  
glandular; usually  
slimy cap.

See also 4.9  
Chicken-fat *Suillus*  
*Suillus americanus*

Pale brown to yellowish  
brown cap.

Cap brown to yellowish  
brown.

Wine red cap, scaly.

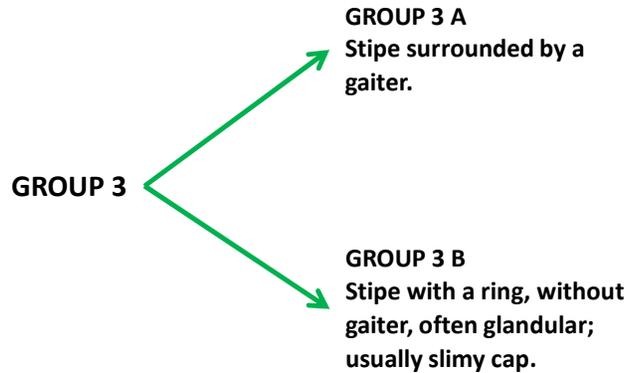
Salmon colored cap.

Brown cap, darker at the  
margin.

Cap pale brown to  
greyish or greenish.

				3,7 Acidulated Bolete <i>Suillus acidus</i>	 
				3,8 Alutaceous Bolete <i>Suillus subalutaceus</i>	 
				3,9 Swamp Bolete <i>Suillus paluster</i> <i>Fuscoboletinus paluster</i>	 
				3,10 Slippery Jill <i>Suillus salmonicolor</i>	 
				3,11 Late Bolete <i>Suillus serotinus</i> <i>Fuscoboletinus serotinus</i>	 
				3,12 Viscous Bolete <i>Suillus viscidus</i> <i>Fuscoboletinus viscidus</i>	 

**GROUP 3, STALK WITH A RING, VEIL OR GAITER :  
IDENTIFICATION KEY.**



	Several mushrooms are born in an envelope that could be compared to an egg without a shell. When the fruibodies matures, the cap opens breaking this envelope to allow the tubes to emit their spores in the open air. In many cases, this envelope remains attached to the surface of the cap and stipe. The part that wraps the stipe is called the gaiter. In this case, the colour and ornaments of the cap and stipe are identical since they originate from the same structure , the universal veil.				GROUP 3 A 6 species.
	Other fungi are not born in such an envelope, but have a secondary veil that connects the top of the stipe to the edge of the cap and protects the emerging tubes. When the cap opens, this veil breaks leaving a ring (often gelatinous) on the stipe and sterile tissues on the margin of the cap; it is then said that the stipe is ornated with a ring or annulus and the margin of the cap is appendiculated.				GROUP 3 B 6 species.

**GROUP 3, STALK WITH A RING, VEIL OR GAITER : IDENTIFICATION KEY.**

**GROUP 3 A  
Stipe  
surrounded by  
a gaiter.**

Cap adorned with many wine-red scales or patches.

Brown cap; white secondary veil.

Pale brown to reddish brown cap.

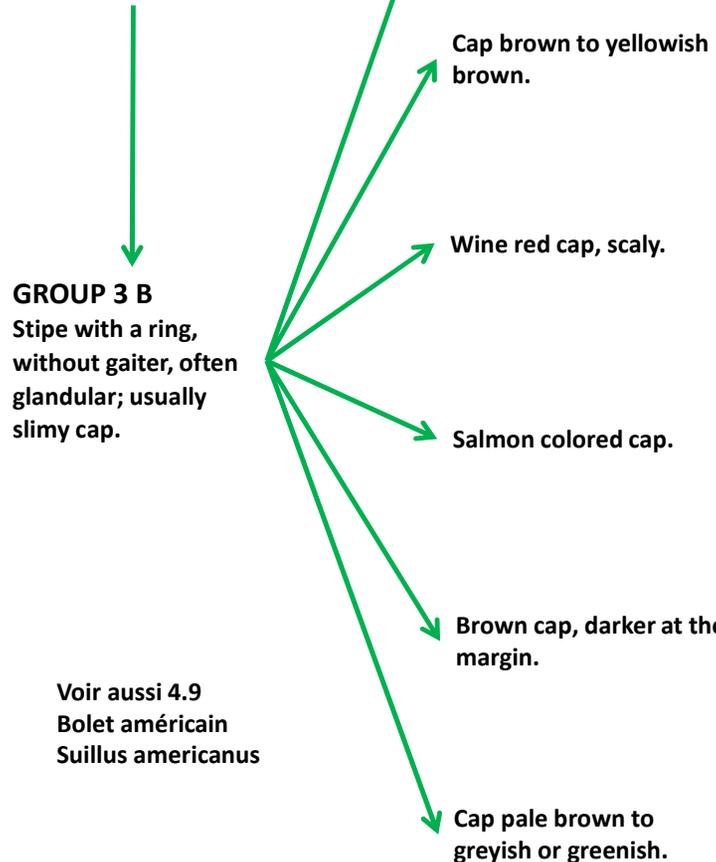
Cap brown to dark reddish brown.

Cap covered with velar remains.

Sulfur yellow fruitbodies.

	<p>The Painted Suillus grows in the company of White Pines. Its cap and stipe are covered with many brown or mostly reddish-brown scales on a yellowish background. On young fruitbodies, the colors are more intense because these mechules are closer to each other. The pores of the tubes are angular and wide; their yellowish surface reddens or browns faintly when bruised.</p>	<p>3,1 Painted Suillus <i>Suillus pictus</i> <i>Fuscoboletinus pictus</i></p> 
	<p>The main feature of this bolete is to show a white secondary veil that covers the surface of the tubes at a young age, while the hidden surface tinted brown-viola. The pore surface is pale yellow at a young age, olive tinted at maturity and immutable when bruised; pores range from round to angular and are small.</p>	<p>3,2 Slippery Jack <i>Suillus luteus</i></p> 
	<p>A beautiful bolete whose smooth surface of the cap, which ranges from orange brown to reddish brown, is slimy and viscous. The pore surface, yellow at the beginning and olive at maturity, browns when bruised; pores are small, angular and irregular. The top of the gaiter is surrounded by a wide white stripe, topped by a brown stripe and over a pale brown stripe.</p>	<p>3,3 Larch Suillus <i>Suillus grevillei</i> <i>Suillus clin-torianus</i></p> 
	<p>Mainly in the boreal forest. Reddish brown cap, often covered with darker spots at maturity. The stipe is yellow at the apex and chesnut brown downward. Occasionally the stipe is lateral or excentric. The pore surface is yellow in young age, browning at maturity, immutable when bruised; pores are large and angular. White flesh at a young age, browning afterwards, immutable.</p>	<p>3,4 Boreal Bolete <i>Suillus glandulosus</i> <i>Fuscoboletinus glandulosus</i></p> 
	<p>Viscous cap, adorned with plates of gluten brownish grey to brownish red. The margin of the cap is appendiculated with gelatinous velar remains. The tubes are long and their pores angular, sometimes elongated radially. Their pale yellow surface turns brown with age and remains immutable or browns when bruised.</p>	<p>3,5 Bog Bolete <i>Suillus spectabilis</i></p> 
	<p>Pulverulent fructifications, entirely yellowish in appearance or with an orange-reddish cap, with an appendiculated margin. The flesh and tubes turn blue when bruised or cut. In association mainly with hemlocks.</p>	<p>3,6 Powdery Sulfur Bolete <i>Pulveroboletus ravenelii</i></p> 

**GROUP 3, STALK WITH A RING, VEIL OR GAITER :  
IDENTIFICATION KEY.**



	<p>A glutinous, viscous, pale yellow cap that turns brownish and adorned with radial fibrils at maturity; appendiculate margin of gluten remains. Short tubes with wide, angular pores whose surface slightly browns when bruised. The whitish stipe is glandular, viscous and adorned with a glutinous ring. The flesh in the cap is whitish to pale yellow and immutable.</p>	<p>3,7 Acidulated Boete <i>Suillus acidus</i></p>  
	<p>A glutinous, viscous, pale brown to dark brown cap, marked with radial fibrils at maturity. Margin often appendiculate with velar remnants. Pore surface pale yellow quickly turning brownish and winey brown when bruised. Round to angular pores. Stipe adorned with a gelatinous ring and cinnamon glandules on a whitish to yellowish background.</p>	<p>3,8 Alutaceus Boete <i>Suillus subalutaceus</i></p>  
	<p>Small mushroom of the northern forests. Non-viscous with a red and with a margin often appendiculate of velar remnants. Tubes decurrent and short; pores very large, angular and radially aligned from the stipe to the margin. Yellowish, immutable flesh, reddish under the pileipellis.</p>	<p>3,9 Swamp Boete <i>Suillus paluster</i> <i>Fuscoboletinus paluster</i></p>  
	<p>Dominant colour: yellowish brown on all parts; viscous and slimy cap. Appendiculate margin of velar remains. Pore surface brownish-yellow to brownish orange, immutable or faintly browning when bruised; angular pores. Immutable brownish orange flesh.</p>	<p>3,10 Slippery Jill <i>Suillus salmonicolor</i></p>  
	<p>Small mushroom being noticed by its margin adorned with darker patches than the rest of the cap; the cap is glutinous, dark brown at a young age and paler thereafter; the margin is appendiculate with velar remains. Pore surface gray at first, brownish in age, browning faintly when bruised. White flesh, immutable.</p>	<p>3,11 Late Boete <i>Suillus serotinus</i> <i>Fuscoboletinus serotinus</i></p>  
	<p>Cap range from grey to yellow, then to brown. Appendiculate margin of a narrow strip of sterile tissue. Pore surface greyish bluing or faintly browning when bruised; irregular large pores. White to yellowish flesh, faintly bluing when cut.</p>	<p>3,12 Viscous Boete <i>Suillus viscidus</i> <i>Fuscoboletinus viscidus</i></p>  

**GROUP 3, STALK WITH A RING, VEIL OR GAITER :  
SPECIES NAMES.**

**GROUP 3 A  
Stipe  
surrounded by  
a gaiter.**

Cap adorned with  
many wine-red  
scales or patches.

Brown cap; white  
secondary veil.

Pale brown to reddish  
brown cap.

Cap brown to dark  
reddish brown.

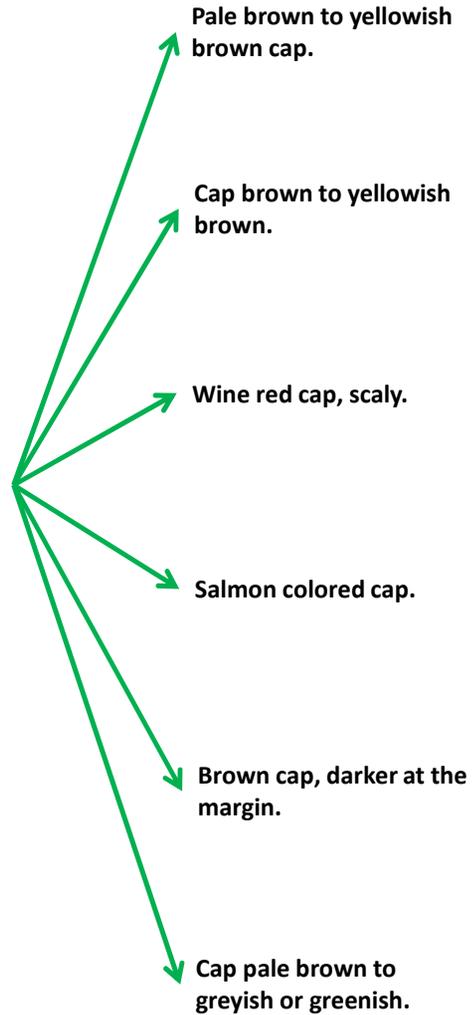
Cap covered with velar  
remains.

Sulfur yellow fruitbodies.

	<p>English names: Painted Suillus, Painted Slippery Cap, Red and Yellow Suillus, Painted Bolete            French name: Bolet peint            Latin names: <i>Suillus pictus</i>, <i>Fuscoboletinus pictus</i>, <i>Suillus spragei</i>, <i>Boletus spragei</i>, <i>Boletus pictus</i>, <i>Boletus murray...</i></p>	<p>3,1            Painted Suillus  <i>Suillus pictus</i>  <i>Fuscoboletinus pictus</i></p>
	<p>English names: Slippery Jack, Sticky Bun            French names: Bolet à voile blanc, Bolet couvert de boue, Bolet jaune, Nonette voilée, Nonette des pins            Latin names: <i>Suillus luteus</i>, <i>Boletus luteus</i>, <i>Cricunopus luteus</i>, <i>Boletus volvatus</i>, <i>Viscipellis luteus</i>, <i>Ixocomus luteus</i>, <i>belotopsis lutea...</i></p>	<p>3,2            Slippery Jack  <i>Suillus luteus</i></p>
	<p>English names: Larch Suillus, Tamarak Suillus, Tamarak Jack, Larch Bolete            French names: Bolet de Greville, Bolet de Clinton, Bolet élégant            Latin names: <i>Suillus grevillei</i>, <i>Suillus clintonarius</i>, <i>Boletinus grevillei</i>, <i>Boletus elegans</i>, <i>Boletus grevillei</i>, <i>Cricunopus elegans</i>, <i>Ixocomus flavus</i>, <i>Suillus cortinatus...</i></p>	<p>3,3            Larch Suillus  <i>Suillus grevillei</i>  <i>Suillus clin-torianus</i></p>
	<p>English name: Boreal Bolete            French name: Bolet glanduleux            Latin names: <i>Suillus glandulosus</i>, <i>Fuscoboletinus glandulosus</i>, <i>Boletinus glandulosus</i></p>	<p>3,4            Boreal Bolete  <i>Suillus glandulosus</i>  <i>Fuscoboletinus glandulosus</i></p>
	<p>English name: Bog Bolete            French name: Bolet remarquable            Latin names: <i>Suillus spectabilis</i>, <i>Fuscoboletinus spectabilis</i>, <i>Boletinus spectabilis</i>, <i>Boletus spectabilis</i></p>	<p>3,5            Bog Bolete  <i>Suillus spectabilis</i></p>
	<p>English names: Powdery Sulfur Bolete, Ravenel's Bolete            French name: Bolet de Ravenel            Latin names: <i>Pulveroboletus ravenelii</i>, <i>Boletus ravenelii</i>, <i>Suillus ravenelii</i>, <i>Ixocomus ravenelii</i></p>	<p>3.6            Powdery Sulfur Bolete  <i>Pulveroboletus ravenelii</i></p>

**GROUP 3, STALK WITH A RING, VEIL OR GAITER :  
SPECIES NAMES.**

**GROUPE 3 B**  
Stipe with a ring,  
without gaiter, often  
glandular; usually  
slimy cap.



English name: Acidulated Bolete French name: Bolet acide Latin name: <i>Suillus acidus</i>	3,7 Acidulated Bolete <i>Suillus acidus</i>
English name: Alutaceus Bolete French name: Bolet alutacé Latin name: <i>Suillus subalutaceus</i>	3,8 Alutaceus Bolete <i>Suillus subalutaceus</i>
English names: Swamp Bolete, Red Bog Bolete French name: Bolet des marais Latin names: <i>Suillus paluster, Fuscoboletinus paluster</i>	3,9 Swamp Bolete <i>Suillus paluster</i> <i>Fuscoboletinus paluster</i>
English name: Slippery Jill French name: Bolet saumon Latin name: <i>Suillus salmonicolor</i>	3,10 Slippery Jill <i>Suillus salmonicolor</i>
English name: Late Bolete French name: Bolet tardif Latin names: <i>Suillus serotinus, Fuscoboletinus serotinus, Suillus ebensis</i>	3,11 Late Bolete <i>Suillus serotinus</i> <i>Fuscoboletinus serotinus</i>
English name: Viscous Bolete French name: Bolet visqueux Latin names: <i>Suillus viscidus, Fuscoboletinus viscosus, Suillus laricinus, Suillus aeruginescens, Fuscoboletinus laricinus, Fuscoboletinus viscidus</i>	3,12 Viscous Bolete <i>Suillus viscidus</i> <i>Fuscoboletinus viscidus</i>