1  Glumes with a strongly compressed keel running from the base to the tip  
+  Glumes with a compressed keel in the upper half only, rounded below (often the midnerve prominent to the base, but the glume is otherwise without a ridge below  

2 (1)  Glumes nearly as long as the lowest floret; endosperm flinty; spike ± slender, laterally compressed  
+  Glumes not more than two-thirds as long as the lowest floret; endosperm mealy; spike stout, nearly square in section, often compound  

3 (1)  Spike more slender, much more than 6 times as long as wide; grain usually elliptic or oblong  
+  Spike short and rather stout, 3-6 times as long as wide; grain almost spherical

Triticum durum
Triticum turgidum
Triticum aestivum
Triticum sphaerococcum