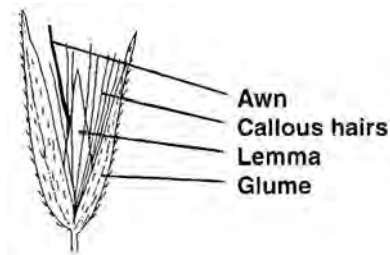







CALAMAGROSTIS

Five species of *Calamagrostis* occur in Britain and Ireland, which can be identified as follows:-



For full details of *C. canescens*, *C. stricta* and their hybrid in N England, see Crackles (1994, 1995). Note that *C. stricta* is protected in Northern Ireland under Schedule 8 of Wildlife (NI) Order 1985 and must not be collected.

Plant Crib

	<i>C. canescens</i> (F. H. Wigg.) Roth	<i>C. epigejos</i> (L.) Roth	<i>C. purpurea</i> (Trin.) Trin.	<i>C. stricta</i> (Timm) Koeler	<i>C. scotica</i> (Druce) Druce
Glumes	4-6 mm long very variable × 0.75-0.85 mm wide	4-6 mm long, very variable × 0.75-0.85 mm wide	4-6 mm long, very variable × c. 1 mm wide	3-4.5 mm long, short, × 1.1-1.2 mm wide	4-6 mm long, very variable, × 1-1.2 mm wide
Callous hairs	Longer than lemma	Longer than lemma	Longer than lemma	Shorter than lemma	Shorter than lemma
Nodes	3-5	Usually 3	5-8	2-3	2-3
Ligules	2-4 mm	4-9 mm	7-14 mm	1-3 mm	1-3 mm
Upper surface of leaf	Scabrid, hairy	Scabrid, not hairy	Scabrid and hairy in UK.	Scabrid and shortly hairy (many English plants are glabrous)	Scabrid and shortly hairy
Position of awns on lemmas	Within upper 7% of lemma	Within upper 30- 60% of lemma	Within upper 9-40% of lemma	Within upper 50- 80% of lemma	Within upper 68- 80% of lemma
					

References Crackles, F. E. (1994). *Watsonia* **20**: 51-60.
Crackles, F. E. (1995). *Watsonia* **20**: 397-404.

Author O. M. Stewart, January 1988, minor updates 1997.