Glossary

Acuminate  Sharp-pointed
Allopolyploid  An organism with more than two sets of chromosomes
Amphidiploid  Synonym of allopolyploid
Anaphase  A stage of mitosis and meiosis
Aristate  Terminates by a slender bristle
Autopolyploid  An organism having more than two sets of homologous chromosomes
Autosyndesis  Pairing between chromosomes of the same parent
Awn  A rigid bristle issuing from the back of the lemma
Callus  A thickened structure at the base of the floret
Cotyledon  The primary leaf in the embryo
Cultigen  Domesticated plant
Denticulate  Finely dentate
Diploid  An organism having double sets of chromosomes
Epiblast  A rudimentary second cotyledon
Epistasis  The pre-dominanting of two characters whose genes are not allomorphs
Flag leaf  The leaf below the panicle
Floret  Individual flower of grasses
Genome  The chromosomes of the gamete
Glumes  The two outer chaffy bracts of the spikelet
Hillum  A scar left when the seed breaks from its stalk
**Homoeologus**  Partly homologous

**Keel**  Projecting longitudinal ridge

**Lanceolate**  Broadened at the base and tapering toward the apex

**Lemma**  The lower bract of the grasses flower

**Meiosis**  Process of reduction division in germ-cells

**Metaphase**  The stage in mitosis or meiosis in which chromosomes split up in equatorial plate

**Monosome**  A line lacking one chromosome

**Nullisome**  A line lacking a pair of homologous chromosomes

**Ovate**  Egg-shaped

**Out-crossing**  Fertilization by gametes of other plants

**Panicle**  The oat inflorescence

**Peduncle**  Leafless axis bearing one or several flowers

**Polyploid**  An organism with reduplication of chromosomes

**Prophase**  The first stage of mitosis or meiosis

**Rachilla**  The spikelet axis

**Subulate**  Tapering from base to apex

**Taxon (pl. taxa)**  A taxonomic unit

**Tiller**  A stalk issuing from the base of the plant

**Telophase**  Final stage of mitosis and meiosis

**Ventricose**  Swollen condition

**Villosé**  Bearing moderately soft hairs
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