LARGEST FAMILY IN THE FLORA OF ETAWAH DISTRICT (U.P.) INDIA- POACEAE (GRAMINEAE)

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The Flora of Etawah district have 102 families of Angiosperms. Among these families Poaceae (Gramineae) is the largest family. Poaceae have 44 genera and 72 species. In this family, Echnachloa crusgalli (L.) Beauv. and Sporobolus diander (Retz.) Beauv. are rare species in the Flora of Upper Gangetic plains. This paper describes the generic key of family Poaceae (Gramineae).

	Keywords: Flora Etawah,, Generic key; Poaceae.
1.	+Tall shrubs or trees; leaves usually with a petiole-like base, articulated with the sheath Bambusa
	-Herbs of shrubs of moderate size, not articulated with sheath 2
2.	+Spikelets unisexual; female spikelets solitary at the base of inflorescence and enclosed in stony polished utricle like branch Coix
	-Spikelets bisexual, neither solitary, nor enclosed in utricle like bract 3
3.	+Inflorescence feathery (spikelets covered with silky, non-bristly hairs) 4
	-Inflorescence not feathery (spikelets not covered with silky, non-bristly haris) 6
4.	+Rachis tough continuous; inflorescence short contorted, cylindrical panicle stamen solitary long exerted Imperata
	-Ranchis fragile, articulate, inflorescence larger open panicle. Stamens 3 (sometimes 2 in lower floret in <i>Phragmites</i>) not long exserted 5
5.	+Stem hollow, Spikelets not copiously hairy. Hairs arising from callus Phragmites
	-Stem not hollow filled with pith in the centre. Spikelets copiously hairy throughout. Saccharum
6.	+Stamens 6. Glumes wanting or with only glume like lemmas Oryza
	-Stamens 1-3. Glumes distinct
7.	+ Inflorescence interrupted by spanthe, <i>i.e.</i> each group of spikelets subtended by one spathe
•	- Inflorescence not interrupted by spathe, however, the whole inflorescence may be subtended by spathe
8.	+Spikelets 3-nate Apluda
	-Spikelets 4-nate Iseilema
9.	+Spikelets consist of 2 floret, the lower staminate or neuter, the upper perfect and

usually dorsally compressed; at maturity falling off entire together with glumes... 10

	-Spikelet of 1-many florets; if consisting of 2 florets, the lower perfect spikelets or laterally compressed	terete 24
0.	+Upper lemma and palea coriaceous, thicker than glumes	11
	-Upper lemma and palea membranous thinner than glumes	22
1.	+Spikelets bristly at base. Inflorescence contracted, cylindrical panicle	12
	-Spikelets not bristly at base. Inflorescence not a contracted cylindrical panicle	. 13
12.	+Bristles united at base into a sping bur enclosing group of spikelets Cent	chrus
	-Bristles 1-several, but free	taria
13.	+Inflorescence of digitate or racemosely arranged secund branches with sess short-stalked spikelets	sile or 14
	-Inflorescence a loose open panicle; spikelets stalked not secund receme Pan	ucum
14.	+Lower glume and lower lemma with their back facing to the floral axix	15
	-Upper glume and upper lemma with their back facing to the floral axis	16
15.	+Base of spikelets thickened into a callus; lower glume wanting Erio	chloa
	-Base of spikelet not thickened into a callus; lower glume distinct Brace	hiaria
16.	+Lemma of upper thinly cartilagenous and with flat, hyaline margins, covering portion of palea	major 17
	-Lemma of upper floret + coriaceous, margins involute, thus exposing much of	palea 18
17.	+Spikelets awned Allote	ropsis
	-Spikelets awanless.	gitaria
18.	+ Lower glume present ,	19
	-Lower glume absent Pas	palum
19.	+Lower glume and lower lemma acute, mucronate or sometimes very shortly Upper lemma transversely rugose	awned 20
	-Lower glume and lower lemma acuminate or awned & upper lemma smooth.	. 21
20.	+Raceme± appressed with inflorescence axis, atleast when young, upper lemma Paspe	acute. ilidium
	-Raceme erectopatent. Upper lemma mucronate or very shortly awned Ur	ochlod
21.	Online northy greening Online	smenus
		ochlod

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22.	+Joints of the rachis and pedicel slender, if swollen, only at the top	23
<i>LL</i> .	-Joints of the rachis and pedicel swollen, 3-angled, rounded or flattened	28
23.	+Inflorescence a panicle. Pedicels with translucent longitudinal groove	24
23.	- Inflorescence with a simple or digitate raceme. Pedicels not grooved	25
24.	+Spikelets laterally compressed; callus obliquely elongated, sharply point glume concave	ed; lower Vetiveria
	- Spikelets dorsally compressed; callus not elongated; lower glume flat	Sorghum
25.	+Lower glume of lower spikelet 2-keeled or grooved. Callus rounded	26
	-Lower glume of lower spikelet cylindrical, neither keeled nor grooved elongated and sharply pointed Het	. Callus ± eropagon
26.	+Spikelets in a solitary receme; sessile spikelets not overlapping each other	r emopogon
	-Spikelets in panicle or digitate racemes, rarely single, if single, sessi overlapping each other	le spikelet 27
27.	longitudinal groove	miocmou
	-Lower glume of lower spikelet obtuse, or rounded. Pedicel evenly this grooved	ckned, not chanthium
28.	+Joints of the rachis and pedicels eiliate. Upper lemma awaned	schaemum
	-Joints of the rachis and pedicels glabrous. Upper lemma awanless	Iemarthria
29.	+Lemma faintly 1-3- nerved. Spikelets compressed. Blade base with	ong hairs
	-Lemma 5-many-nerved. Spikelets terete. Blade base devoid of long hairs	s 42
30.		31
50.	-Spikelets with 2-many fertile florets	35
31.		32
51.	-Glume thinner or lemma like in length	33
32		der. Raceme Perotis
	-Upper glume awnless; lower very small or lacking. Peduncle short. purplish-violet	Raceme not
33	+Inflorescence a contorted panicle	Sporobolus

	-Inflorescence a digitate raceme or terminal spike	34
34.	+Spikelet with 1 or more imperfect flowers, awned	Chloris
	-Spikelets without imperfect flowers awanless	Cynodon
35.	+Spikelets awned	36
	-Spikelets awnless	37
36.	+Spikelets 2-flowered, arranged in many spaced clusters	elanocenchris
	-Spikelets 2-more flowered close set, in solitary spike	Tetrapogon
37.	+Spikelets usually more than 3.5 mm long. Lemma tip entire acute o	r shortly aned.
	-Spikelets not exceeding 2.5mm. Lemma truncate or notched at apex	Leptochloa
38.	+Spikelets in open contorted panicles	Eragrostis
	-Spikelets subsessile or sessile, in digitate or racemosely arranged	39
39.	+Axes of spikes terminating into sharp point	actyloctenium
	-Axes of spikes terminating in spikelets	40
40.	+Spikes or raceme many, alternately arranged in narrow panicle.	Desmostachya
	-Spikes atleast top one digitately arranged	41
41.	+Spikelets 3-6 flowered	Eleusine
	-Spikelets 8-10-flowered	Acrachne
42.	+Lemma coriaceous, veins indistinct; awn 3-fid. Sheath margin free	Aristida
	-Lemma not coriaceous, veins distinct or absent or simple sheath margin at basal part	adnate, atleast 43
43.	+Spikelets with 3-floret, the two flower reduce to scale. Glumes awnless uninterrupted, not silky	s. Inflorescence Phalaris
	-Spikelets with 1-floret glumes awned. Inflorescence lobulate silky	Polypogon
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