

TABLE 1.—LEMMA CHARACTERS

FEATURE	SPECIES								
	<i>Stipa compacta</i>	<i>S. stuposa</i>	<i>S. semibarbata</i>	<i>S. mollis</i>	<i>S. pubescens</i>	<i>S. nervosa</i>	<i>S. aphylla</i>	<i>S. variabilis</i>	<i>S. teretifolia</i>
LEMMA—Munsell colour	*Dark reddish brown	Dark yellowish brown	Dark brown	Dark brown	Dark yellowish brown	Black above 10 YR 2/1 Dark yellowish brown below 10 YR 4/3	Very dark greyish brown	Black top and bottom 10 YR 2/1 Dark greyish brown between 10 YR 4/2	Dark yellowish brown above 10 YR 4/4 Dark brown below 10 YR 3/2
Seen with the naked eye ..	5 YR 3/4	10 YR 4/4	10 YR 3/3	10 YR 3/3	10 YR 3/4		10 YR 3/2		
BODY—Shape	*Fusiform	Narrowly obovate	Narrowly obovate	Almost linear	*Linear	Narrowly obovate	*Linear	*Fusiform	*Elliptical
Dimensions(+ callus) approx.	9.0×1.0 mm	10.0×1.2 mm	9.5×1.0 mm	10.0×0.8 mm	11.0×0.6 mm	8.0×0.9 mm	9.0×0.7 mm	6.0×0.8 mm	11.0×1.1 mm
Munsell colour	Dusky red 2.5 YR 3/2	Brown/dark brown 7.5 YR 4/4	Very dark brown 10 YR 2/2	Dark reddish brown 5 YR 3/3	Dusky red 2.5 YR 3/2	Black 10 YR 2/1	Very dark greyish brown 10 YR 3/2	Dark brown 7 YR 3/2	Dark brown 7/YR 4/4 to 3/2
Surface sculpturing ..	top 1/3 minutely pimpled	..	Upper 0.5 mm minutely pimpled	..	top 1/3 minutely scabrid	Upper 1/2 minutely scabrid	..	top 1/5 minutely pimpled	..
HAIR ORNAMENT—									
Body—Approx. length	0.5 mm	0.5 mm	0.5 mm	0.3 mm	0.2 mm	0.4 mm	0.2 mm	0.3 mm	*1.5 mm
Density	moderate	moderate	sparse	fairly dense	fairly dense	sparse	sparse, in lines	sparse, curved	*Very dense
M. colour	Yellow 2.5 YR 8/6	Yellow 10 YR 8/6	Yellow 10 YR 8/6	Very pale brown 10 YR 8/4	Reddish yellow 7.5 YR 6/8	Yellowish brown 10 YR 5/6	White 10 YR 8/1	Yellow 10 YR 8/6	White 10 YR 8/1
Awn hairs—Approx. length ..	0.2 mm	0.5 mm	*1.0 mm	*2.0 mm	0.1 mm	0.1 mm	0.1 mm	0.05 mm	0.2 mm
Extent	to end of column	to end of column	to end of column	*ca 1/3–1/2 way up seta	to end of column	to end of column	to end of column	to end of column	to end of column
Hair-crown—Approx. length ..	1 mm	*3 mm	..	..	..	..	0.3 mm	0.3–0.1 mm	..
Density	sparse	*moderately dense	..	..	..	..	sparse	very sparse	..
Callus hair tuft—Approx. length	2.0 mm	*3.5 mm	2.0 mm	3.0 mm	2.0 mm	1.4 mm	1.2 mm	1.4 mm	0.8 mm
M. colour	Same as body hairs	Brownish yellow 10 YR 6/6	same as body hairs	Very pale brown 10 YR 8/3	Yellow 10 YR 7/8	same as body hairs	Pale yellow 2.5 YR 8/4	same as body hairs	Yellow 2.5 YR 8/8
CALLUS SCAR—Approx. length ..	0.76 mm	0.56 mm	0.56 mm	0.65 mm	0.70 mm	0.60 mm	0.75 mm	*0.30 mm	*0.50 mm
Trough	well-defined, narrow	shallow, narrow	shallow, narrow	shallow, broader	shallow, narrow	shallow, broader, end blunt	shallow, broader, end blunt	well defined, *narrow	*shallow, broad
AWN COLUMN—Approx. diam. at									
base	0.2 mm	0.3 mm	0.3 mm	0.3 mm	*0.5 mm	0.3 mm	0.3 mm	0.2 mm	0.4 mm
Approx. length	3 cm	3 cm	3 cm	*Column and bristle hardly differentiated	*4–4.5 cm	3.5 cm	3.6 cm	*1.5 cm	1.1 cm
No. times kneed	twice	twice	twice	*once curved	twice	twice	once (twice)	*once curved	twice
Approx. length to									
1st knee	2 cm	1.5–2 cm	2 cm	1.8 cm to major curve	3 cm	2.5 cm	3.6 cm (2.8 cm)	1.1 cm to major curve	*0.5 cm
LEMMA LOBES—Approx. length ..	0.125 mm	0.15 mm	up to 0.25 mm	0.10 mm	..	..	0.35 mm	0.16 mm	*1.2 mm
Shape	pointed	rounded	ragged	pointed	..	..	obtuse	ovate	ovate
Margin	serrulate	coarsely dentate	serrulate	minutely toothed	A few hairs in position of lobes, up to 0.15 mm long	..	Ciliate, cilia up to 0.05 mm	hairless	coarsely hairy
FIGURE NUMBER	5	3	3	3	4	4	4	5	5