

**Table 1. Summary on *Agrostis* (31-35 spp.) and *Polypogon* (8 spp.) in USA and Canada** (12/12/2005)  
(see “White Paper: Perspective on Creeping Bentgrass, *Agrostis stolonifera* L.” – USDA/APHIS/BRS, B. MacBryde)

The species are numbered in alphabetical order, so for example the number 30 = *Agrostis stolonifera*. See also Figure 1, and Table 2 for further information.

**ORIGIN or INTEGRATION IN FLORA, and USE (O/I, U):** Nv = Native, Nz = Naturalized, I = Introduced, extent of naturalization unknown; A = Agronomic.

**NATIVE RANK** (Master *et al.* 2000); in taxon’s native range: **G1** = critically rare; **G2** = rare; **G3** = vulnerable; **G4** = apparently secure; **G5** = widespread, abundant and secure;

**T** (trinomial) = ranking for a botanical subspecies or variety; **Q** = a question (problem) in taxonomy (TNC/NatureServe 2002, ranks in brackets by APHIS/BRS).

**WEED CONCERN IN COUNTRY:** **S** = Serious, **P** = Principal, **C** = Common, **X** = Behaves as weed, importance unknown (Holm *et al.* 1979, *A Geographical Atlas of World Weeds*);

**H&S:** Häfliger & Scholz 1981, *Grass Weeds 2*; and these **additional references for *Agrostis stolonifera*:** **Serious** in Australia pastures and/or crops (*e.g.* Brown & James 1998),

**Moderate invasive** threat - California coast in wetlands (Dudley 1998); **and for *Polypogon monspeliensis*:** **Troublesome** - California (Zedler & Kercher 2004).

**HYBRIDS:** **F1** = F<sub>1</sub> with sterility/fertility not reported; **f** = fertile (without details), **s** = sterile, **v** = variable in crossing or in reports (perhaps sterile and low or higher fertilities).

Species (Taxa)	Common Names	O/I, U	Distribution in USA & Canada	Native Rank	Weed Concern	Hybrids With Other Species / Comments on Taxonomy &/or Range	Hybrids With <i>A. stolonifera</i>
1 <i>Agrostis aequivalvis</i> (Trinius) Trinius	Arctic or Northern Bentgrass	Nv	AK to OR; Canada (BC)	G5?		Syn. of <i>Podagrostis aequivalvis</i> per Soreng <i>et al.</i> 2003, FNA 2005. Intergrades with 18 (Harvey 2004).	
2 <i>Agrostis anadyrensis</i> Soczava	Anadyr Bentgrass	Nv	AK?	[G4?]			
3 <i>Agrostis avenacea</i> J.F. Gmelin	Pacific Bentgrass, Fairy Blowgrass	Nz	HI, CA, TX, SC, OH	[G4G5]	Invasive in California vernal pools (Zedler & Black 2004)	Syn. of <i>Lachnagrostis filiformis</i> per Soreng <i>et al.</i> 2003, FNA 2005. Nv Australasia, New Guinea, perhaps Easter Island	
4 <i>Agrostis blasdalei</i> A.S. Hitchcock	Blasdale’s or Cliff Bentgrass	Nv	CA endemic	<b>G2</b>		F1 with 10 (Harvey 2004). Incl. <i>A. blasdalei</i> var. <i>marinensis</i> per Harvey 1993, 2004 & CNPS 2001, 2005, but not Gov. California	
5 <i>Agrostis canina</i> Linnaeus	Velvet Bentgrass	Nz, A	HI, OR, MN, MI, ME to TN; Canada (BC & E)	G5	C (Finland, Russia); <b>in H&amp;S</b>	sF1 with 21, and with 34	vF1; rare?
6 <i>Agrostis capillaris</i> Linnaeus	Colonial (or Rhode Island) Bentgrass, Browntop	Nz, A	Most E & W states but few in midcontinent; Canada	[G5]	P (Chile, NZ, Russia), C, X; <b>in H&amp;S</b>	vF1 & vF2 with 7, and with 13; F1 with 8 and probably 14; F1 s? with 34	vF1; frequent?
7 <i>Agrostis castellana</i> Boissier & Reuter	Dryland (incl. Highland) Bentgrass	(Nz), A	WA, OR, AL, many states?; Canada?	[G5]	X (Australia, NZ, Portugal)	Confounded with 6, <i>q.v.</i> (& Table 2)	vF1; infreq.?
8 <i>Agrostis clavata</i> Trinius	Clubbed Bentgrass	Nv	AK; Canada (Yukon)	G4G5	C (Japan)	F1 with 6	
9a <i>Agrostis clivicola</i> Crampton var. <i>clivicola</i>	Coastal Bluff Bentgrass	Nv	CA endemic	<b>G3?T3?Q</b>		Syn. of 10 per Harvey 1993, 2004, FNA 2005, but not Kartesz 2004	
9b <i>Agrostis clivicola</i> var. <i>punta-reyesensis</i> Crampton	Point Reyes Bentgrass	Nv	CA endemic	<b>G3?T1Q</b>		Syn. of 10 per Harvey 1993, 2004, FNA 2005, but not Kartesz 2004	
10 <i>Agrostis densiflora</i> Vasey	Dense-flowered Bentgrass	Nv	CA-OR	G3G4		F1 with 4 (Harvey 2004); F1? with 12 (Carlbom 1967, p. 88)	
11 <i>Agrostis elliottiana</i> J.A. Schultes	Elliott’s Bentgrass	Nv	Mainly S & mid-latitude US (FL-PA-KS to CA, & MA, ME)	G5			
12 <i>Agrostis exarata</i> Trinius	Spike Bentgrass	Nv	Mostly W US, also KY, VT; W Canada	G5	C (Japan)	F1? with 10; F1 with 13? (Welsh <i>et al.</i> 1993) & 29	sF1 with 30?
13 <i>Agrostis gigantea</i> Roth	Redtop, Black Bentgrass	Nz, A	All states but HI?; Canada	[G5]	C, X (Australia, Canada, NZ); <b>in H&amp;S</b>	vF1 & vF2 with 6 (occasional?); sF1 with 21 (rare?); 13 or perhaps 30 ( <i>i.e.</i> , <i>A.s. s.l.</i> ) F1 with 12 (Welsh <i>et al.</i> 1993; <i>cf.</i> Harvey 2004).	vF1; occasional?
14 <i>Agrostis hallii</i> Vasey	Hall’s Bentgrass	Nv	CA-OR, & WA?	G4G5		fF1 with 25; and F1 with probably 6	

15 <i>Agrostis hendersonii</i> A.S. Hitchcock	Henderson's Bentgrass	Nv	CA-OR	[G2?]		Incl. <i>A. aristiglumis</i> (endemic CA); perhaps 15 & 22 related or one sp. (Harvey 2004).	
16 <i>Agrostis hooveri</i> Swallen	Hoover's Bentgrass	Nv	CA endemic	[G2]			
17 <i>Agrostis howellii</i> Scribner	Howell's Bentgrass	Nv	OR endemic	G2			
18 <i>Agrostis humilis</i> Vasey	Mountain or Alpine Bentgrass	Nv	W US (AK to NM); W Canada	[G5]		Syn. of <i>Podagrostis humilis</i> per Soreng <i>et al.</i> 2003, FNA 2005. Incl. <i>A. thurberiana</i> (W US, Can.) per Harvey 2001, FNA 2005 (but not Harvey 1993, Welsh <i>et al.</i> 1993 <i>q.v.</i> , or [as <i>P. thurberiana</i> ] Soreng <i>et al.</i> 2003; cf. Biek 2000). Intergrades with #1 (Harvey 2004).	
19 <i>Agrostis hyemalis</i> (Walter) Britton, Sterns & Poggenburg	Winter Bentgrass	Nv	E US; PR; E Canada (Ontario)	G5			
20 <i>Agrostis idahoensis</i> Nash	Idaho Redtop or Bentgrass	Nv, (A)	W US; W Canada	[G5?]		Hybrid origin? (Welsh <i>et al.</i> 1993).	F1
21 <i>Agrostis mertensii</i> Trinius	Northern or Arctic Bentgrass	Nv	AK-CO, ME-NY, WV & TN to SC; Canada	G5		F1 with 34; sF1 with 5, and 13 (rare?)	F1; rare
22 <i>Agrostis microphylla</i> Steudel	Small-leaved Bentgrass	Nv	WA to CA & NV; Canada (BC)	G4		Perhaps 15 conspecific (Harvey 2004).	
23 <i>Agrostis nebulosa</i> Boissier & Reuter	Cloudgrass	I, (Nz)	Nz in OH, perhaps elsewhere	[G3G4]		Nv Iberian Peninsula	
24 <i>Agrostis oregonensis</i> Vasey	Oregon Redtop or Bentgrass	Nv	W US (CA to WY & AK); W Canada	G4			
25 <i>Agrostis pallens</i> Trinius	Leafy or Dune Bentgrass, Seashore Bentgrass	Nv	CA to WA & MT, MA; W Canada	[G4G5]		fF1 with 14. Incl. <i>A. diegoensis</i> (cf. Harvey 1993, 2001; Biek 2000).	F1
25A <i>Agrostis pauzhetica</i> Probatova	Thermal Bentgrass	Nv	CA & WY	[G1G2]		Tereck 2005 (= "thermal <i>A. scabra</i> "); also Russia (Kamchatka Peninsula)	
26 <i>Agrostis perennans</i> (Walter) Tuckerman	Upland Bentgrass, Autumn Bentgrass	Nv	E US, OR & CA, & WA?; E Canada	G5			
27 <i>Agrostis rossiae</i> Vasey	Ross' Bentgrass	Nv	WY endemic	G1			
28 <i>Agrostis sandwicensis</i> Hillebrand	Hawaii Bentgrass	Nv	HI endemic	G3			
29 <i>Agrostis scabra</i> Willdenow	Rough Bentgrass	Nv	All states but HI?; Canada	G5		F1 with 12 and 32; and F1? ( $\approx$ 20) with 33 (Welsh <i>et al.</i> 1993)	F1
30 <i>Agrostis stolonifera</i> Linnaeus	Creeping, Spreading, Carpet, and Marsh Bentgrass	Nz, Nv?, A	Nz all states, Nv? few N states; also Nz, Nv? in Canada	G5	C, X; in H&S; Serious (Australia), Mod. (CA, OR?)	F1 with 10-11 other <i>Agrostis</i> spp. and 3 <i>Polypogon</i> spp.; vF1, vF2; common?	
31 <i>Agrostis tandilensis</i> (Kuntze) Parodi	Kennedy's Bentgrass	Nz	CA	G3G5		Syn. of <i>Bromidium tandilense</i> per Soreng <i>et al.</i> 2003, FNA 2005; Nv Argentina, Uruguay, S Brazil	
32 <i>Agrostis trinii</i> Turczaninow	Trinius' Bentgrass	Nv	AK	[G5?]		F1 with 29; syn. of 34 per Kartesz 2004, FNA 2005, but not Tzvelev 1983 [1976], Probatova 1984 <i>etc.</i> , Koyama 1987	F1
33 <i>Agrostis variabilis</i> Rydberg	Alpine or Mountain Bentgrass	Nv	W US; W Canada (BC, AB)	G5		F1? ( $\approx$ 20) with 29 (Welsh <i>et al.</i> 1993)	
34 <i>Agrostis vinealis</i> Schreber	Brown Bentgrass	Nz, Nv	Nz several states?, Nv AK; Canada?	G5?		F1 with 21; F1 s? with 6; sF1 with 5	vF1; rare?

**Table 1 Subpart. *Polypogon* and  $\times$ *Agropogon* (*Agrostis*  $\times$  *Polypogon*) Intergeneric Hybrids** (see Table 2)

1P <i>Polypogon australis</i> Brongniart	Chilean Beardgrass	Nz	AZ, CA, NV?, OR?, WA?			Nv South America	
2P <i>Polypogon elongatus</i> Kunth	Streambank Beardgrass	Nz	CA, AZ, CO, TX	[G5]		Nv Mexico to Uruguay	
3P <i>Polypogon fugax</i> Nees ex Steudel	Asian Beardgrass, Hill Rabbitsfoot-grass	(I?)	HI, CA & OR (old reports)	[G5]		Nv Iraq to Burma	F1 ( $\times$ <i>Agropogon</i> )
4P <i>Polypogon imberbis</i> (Philippi) Johow	Short-haired Beardgrass	Nz	CA?			Nv South America	
5P <i>Polypogon interruptus</i> Kunth	Ditch Beardgrass	Nv	Mainly W US (incl. HI), LA, WI, NY; Canada (BC)	[G5]		Nv USA to Argentina	
6P <i>Polypogon maritimus</i> Willdenow	Mediterranean Beardgrass	Nz	CA, NV, NM, SC, GA, FL			Nv Mediterranean region	
7P <i>Polypogon monspeliensis</i> (Linnaeus) Desfontaines	Annual Rabbitsfoot-grass	Nz	Most states (incl. AK, HI); Canada	[G4G5]	<b>In H&amp;S</b> ; Among most troublesome (CA wetlands)	F1 with 8P; Nv S Europe to Turkey	vF1; infreq.? ( $\times$ <i>Agropogon</i> )
8P <i>Polypogon viridis</i> (Gouan) Breistroffer	Water Beardgrass, Beardless Rabbitsfoot-grass	Nz	Mostly W (incl. HI), CT, NJ, VA, SC; PR; Canada (BC)	[G5?]	C (Portugal, Egypt, Iraq), X (NZ); <b>in H&amp;S</b>	F1 with 7P; Nv S Europe to Pakistan	sF1; rare? ( $\times$ <i>Agropogon</i> )