

Malmgreni Ands., is now generally referred to *A. effusa* as "*forma depauperata*."

While thus *A. fulva* and *A. pendulina* are the only species recognized by Grisebach, seven others have been described previously by Ruprecht, but merely referred to as synonyms in *Flora Rossica*; they were collected on the island Kolgijew and on the Russian coast near Kambalnitz and Bjelaja. Judging from the diagnoses and figures in the work of Ruprecht, cited above, it seems very unsafe to include all these species under *A. fulva* and *A. pendulina*, and we have thought it worth while to insert his diagnoses in this paper, in order to give as complete as possible a representation of the genus. These seven species of Ruprecht are described as follows:

Poa (Arctophila) deflexa.

Differt a *Poa* s. *Arctophila Laestadii* (*Glyceria pendulina* Laest. e loco classico! et Herb. norm, Suec.!) spiculis latioribus, flosculis majoribus, acutioribus, radiis paniculae rigidioribus et culmo plerumque duplo tenuiori.

Poa (Arctophila) trichoclada.

Proxima *P. Laestadii*, sed differt habitu triviali, panicula densiflora, forma spicularum magis ovata, flosculis infimis longioribus, aliter coloratis; semiverticillis radiorum infimorum vix callosis, densius floriferis. A. *Poa deflexa* diversa: radiis paniculae minus strictis, fere squarrosulis, culmo (et quoque rachi) intra paniculam triplo crassiore, ultra lineam fere lato; spiculis bilinealibus et minoribus, subtrifloris et c.

Poa (Arctophila) fulva Trin.

Poa (Arctophila) latiflora.

Habitus *P. fulvae*, sed differt statura minore 6-9 poll., panicula rigidior, apice non nutante; spiculis latioribus, basi minus attenuatis, apice multo obtusioribus (ob flosculos fere truncatos) trifloris tantum, hinc etiam brevioribus, vix ultra $1\frac{1}{2}$ lin. longis.

Poa (Arctophila) paniculata.

Similis quidem *P. trichocladae* et *deflexae*, sed radii infimi magis contracti, a basi fere spiculis obsessi, non refracti. Culmus 15-20 poll., crassus, nodis 3 exsertis; folia plana ut in antecedentibus; spiculae variegatae, 3 lin., 4 florum, flosculus infimus $1\frac{1}{2}$ lin., superiores duo remotiusculi; panicula erecta.