

## SOME NEW NORTHWESTERN COMPOSITÆ.

By EDWD. L. GREENE.

ASTER MICROLONCHUS. Stems about two feet high, very erect, divested of all lower leaves at flowering time, parted from below the middle into numerous leafy and flowering branches forming a somewhat contracted and subpyramidal panicle; the reddened bark of stem and branches glabrous or obscurely pubescent: leaves of the panicle narrowly lance-linear, two inches long more or less, entire, sessile by a broad more or less perceptibly auricled base, thin, delicately scaberulous above, scabrous on the margin, glabrous beneath, marked by a delicate midnerve only, spreading or slightly deflexed: heads few and subracemose on the branches, or solitary at the ends of them, nearly an inch broad measuring the rays, the involucre short-campanulate, its bracts in about three series, narrowly spatulate-lanceolate, scaberulous, at least marginally, and spreading or recurved at tip: rays many and showy, apparently pale violet.

The types of this strikingly handsome new Aster are Mr. Macoun's numbers 26,384 and 26,385 from the Chilliwack Valley, B.C., collected 18 Aug., 1901. Its immediate allies are *A. longifolius*, Lam., *A. hesperius*, Gray, and *A. ensatus*, Greene. From all of these it differs not only in aspect, but in its foliage which, though sensibly roughened above, is yet of a texture so delicate that all the lower and properly cauline ones fade and fall before the time of flowering. It is perhaps more elegant and beautiful than any of its near relations, and rather smaller in stature, though growing in generous soil, and a climate abundantly moist and not severe.

GNAPHALIUM MACOUNII. Apparently biennial, the stems rigidly erect, about two feet high, rather loosely leafy and clothed with a somewhat hirsute and viscid glandular-pubescent: leaves narrowly oblanceolate, acute, 3 inches long, the upper decurrent, all white-woolly beneath, light green and merely glandular-pubescent above: branches of the subpyramidal close panicle and the main stem for some distance below it densely white-woolly: involucre of middle size, their pearly scarious bracts all ovate, very acute: flower and fruit not seen.