

A. ciliata, L. *β.* (?) *fugax*, Gr. et Godr. *Fl. France*, vol. i. p. 259, 1848.

A. gothica, Fr. Hartm., *Hand. i. Skan. Fl.*, ed. 11, p. 243, 1879.

A. gothica, N. Nyman, *Consp. Fl. Europææ*, p. 115, 1878.

To those who seek for interesting observations on the forms of *A. ciliata*, L., I would refer them to Mr Baker's article "On the varieties of *Arenaria ciliata*" in "The Naturalist," which, like all that comes from his pen, is thoroughly well done.

I am glad to be able to send a specimen for the Herbarium.

Notes on the Records of Scottish Plants during 1889. By
ARTHUR BENNETT, F.L.S., &c.

(Read May 8, 1890.)

In again noticing briefly the work that has been done in Scotland among flowering plants, I have to record a few new forms. In Shetland Mr Beeby has found *Rumex propinquus*, Aresch. (a probable hybrid between *R. crispus* and *R. domesticus*). It has occurred in Sweden, and will probably be found over the range of its two supposed parents. *Polygonum viviparum*, var. *alpinum*, Wahl. f., is also another of Mr Beeby's gatherings (and a very pretty form of the species); also two forms of *Rosa canina*, *Hieracium Schmidtii*, Tausch., *Hypochaeris radicata*, *Oxyria reniformis*, and *Populus tremula*—a *Potamogeton* that is closely allied to *P. Wolfgangii*, Kihlman; but this has been previously named *P. gracilis* by Wolfgang. The Orkneys have only yielded one addition, *Potamogeton flabellatus*, Bab. From Caithness, *Subularia aquatica* (J. Henderson), *Lathyrus sylvestris* (W. R. Linton), *Carex paludosa* (W. F. Miller)—this extends the range of this species in Scotland fifty miles to the north; with four others.

The Outer Hebrides have had added to them nine species, with two species confirmed, *Equisetum pratense* and *E. arenarium* (W. S. Duncan) being the most interesting. W. Sutherland has produced fourteen or fifteen. Two of these

are of particular interest, *Potentilla alpestris* from Beinn Laoghal, and *Valeriana dioica*, both reported by the Scottish Alpine Botanical Club. A record by the same of *Vicia lutea* is a very unlikely one, though the plant is by no means confined to the sea-shore on the continent, as it usually is with us. It is not a native of Scandinavia. Has some Scandinavian species been mistaken for it? I have not seen a specimen. In E. Sutherland a record of *Melica nutans* by the Scottish Alpine Botanical Club is interesting, as Ross has been its hitherto ascertained limit.

East Ross has yielded my friend Mr Mennell sixteen additions; while in West Ross Messrs Druce and Sewell have sent nine species hitherto unrecorded. The group of the Inner Hebrides gives records for twenty-six additional species, one of *Rosa rubiginosa*—"among rocks a mile or more from any house, Jura," Mr P. Ewing—seems as likely to be an indigenous habitat as any recorded in Scotland.

Mr King sends seven additions to the Clyde Isles. In Dumbarton Messrs Ewing and L. Watt have sent me twenty-six additional records. Argyle supplies eighteen species, "*Holcus mollis*, at 1800 feet, near Kingshouse." Rev. Mr Marshall takes this plant 300 feet higher than hitherto recorded. In this county my friends Messrs Hanbury and Marshall gathered a series of the Backhousian Hawkweeds in splendid condition, and finer specimens than I have seen before.

From East Inverness comes a very interesting find by Mr Druce, "shores of the Beauly Firth," of *Carex salina*, var. *Kattegatensis* (Fr.), the same as the Caithness plant, with two others.

West Inverness, four species—notably *Cerastium arcticum*, Lange, and *Hieracium aggregatum*.

Forfar, five. East and Mid Perth, a few. *Poa palustris* (Dr B. White) of much interest.

West Perth, seventeen; but these are mainly from Glen Falloch (Rev. Mr Marshall), and some difference of opinion has been expressed as to their rightful vice-county; so far as Mr Watson's ideas go, they belong here.

To Stirling Dr R. M. Buchanan and Messrs Kidston, Watt, etc., have added nineteen.

A few are added to Berwick, Lanark, Renfrew, and Ayr. *Juncus tenuis*, Willd., in Renfrew in abundance.

Wigton still keeps up a good many new records by Sir H. Maxwell and Mr J. M'Andrew to the number of twenty-three ; and to Dumfries Mr Johnstone and the Rev. E. F. Linton have added nine.

These are nearly all the records, except a series of Mr Druce's in the "Journal of Botany," which were too late for inclusion in my yearly paper in the "Scottish Naturalist."

I ventured last year (*Trans.*, p. 420) to predict that the records then given (584) would be found to fall off year by year. Those of 1889 fully bear out that idea, for they number only 259.

County.	Name.	No.	County.	Name.	No.
72	Dumfries	9		Brought forward	117
73	Kirkcudbright	1	99	Dumbarton	27
74	Wigton	23	100	Clyde Isles	7
75	Ayr	2	101	Cantire	1
76	Renfrew	3	102	S. Hebrides	20
77	Lanark	1	103	Mid. "	1
81	Berwick	2	104	N. "	5
86	Stirling	19	105	W. Ross	9
87	W. Perth	17	106	E. "	16
88	Mid. "	4	107	E. Sutherland	12
89	E. "	6	108	W. "	16
90	Forfar	5	109	Caithness	8
96	E. Inverness	3	110	Outer Hebrides	9
97	W. "	4	111	Orkney Isles	1
98	Argyle	18	112	Shetland Isles	10
	Carry forward	117		Total	259