Ephemeroptera in the Lake District.

During 1931 (10th-16th July), I spent a few days in the Lake District. My collecting was almost entirely restricted to the mayflies, and a list of the species captured is given below. Short visits in May and August—September, 1931, and again in September, 1932, were devoted to other insects, but a few Ephemeroptera were noted and are included in the list.

When adults were not on the wing, as on the occasion of my visit to Crummock and Buttermere (16.vii.31), spiders’ webs proved a happy hunting-ground and at least one species (Caenis halterata) which was normally over was taken in this way, though naturally the material was not in good condition.

The localities visited were as follows:
(2) River Rothay and small tributary at foot of the Helm about one mile N. of Grasmere (Westmorland), 11.vii.31, 14.vii.31.
(3) Easedale Gill, near Grasmere (Westmorland), 11.vii.31.
(6) Penruddock (Cumberland), 13.vii.31.
(7) Great Langdale (Westmorland), 14.vii.31.
(8) Bassenthwaite Lake, N. end (Cumberland), 12.vii.31.
(9) Near Lorton (Cumberland), 16.vii.31.
(10) Crummock Water, near Hause Point (Cumberland), 16.vii.31.
(11) Buttermere Lake, S. end (Cumberland), 16.vii.31.
(12) Seascale (Cumberland).
(13) Wasdale Head, Mosedale Beck at foot of Black Sail (Cumberland), 20.ix.32.
(14) Newby Bridge (Lancashire), 25.v.31.
(15) River Eamont, near Pooley Bridge (Westmorland), 13.vii.31.

List of Species.
The signs ! and !! are used to denote respectively common and abundant.
Ephemeridae.

*Ephemera danica* Müll., 1764.—(8)!

Ecdyonuridae.

*Heptagenia lateralis* (Curt., 1834).—(1) 11.vii.31; (2) 11.vii.31!; 14.vii.31; (5) 12.vii.31!; 13.vii.31!

*Ecdyonurus venosus* (Fab., 1775).—(2) 14.vii.31; (5) 12.vii.31; 13.vii.31.

*Ecdyonurus* sp.?—(13) Nymph. Probably a new species to the British list, see later note.

*Rhithrogena semicolorata* (Curt., 1834).—(2) 11.vii.31; (9); (11).

Siphlonuridae.

*Siphlonurus lacustris* Eaton, 1870.—(7) 1 ♀, subimago.

Baetidae.

*Baetis vernus* Curt., 1834.—(15).

*Baetis rhodani* (Pict., 1845).—(12); (14).

*Baetis scambus* Eaton, 1870.—(13).

*Baetis pumilus* (Burm., 1839).—(5) 13.vii.31!!; (8).

*Centroptilum luteolum* (Müll., 1776).—(1) 31.viii.31; (8); (10).

*Cloeon simile* Eaton, 1870.—(8).

*Cloeon rufulum* (Müll., 1776).—(10).

Ephemerellidae.

*Ephemerella ignita* (Poda, 1761).—(1) 31.viii.31; (2) 14.vii.31!!; (3); (4); (5) 13.vii.31!!; (6)!!; (11)!!.

*Ephemerella notata* Eaton, 1887.—(10) 1 ♂.

Caenidae.

*Caenis halterata* (Fab., 1777).—(10) W. D. Hincks.