

BOTANICAL APPENDIX,

BY

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THE following list of plants is not offered, as containing any thing like a full catalogue of the Flora of the country through which we travelled. During our summer journeys, only a small portion of time could be allotted to Botanical researches, and the constant and more important duties of the other officers prevented them from aiding me in collecting objects of Natural History, which they were otherwise anxious to do. Under such circumstances, a large proportion of plants must have escaped our notice, and the disasters attending our return across the Barren Grounds from the sea-coast, caused us to leave behind the whole collection made during the summer of 1821, with the exception of a few plants collected during the descent of the Copper-Mine River, which were intrusted to Mr. Wentzel's care when he left us. The part of the collection, which is lost, contained some plants, which I deemed to be new or curious.

In drawing up the list, imperfect as it is, I have received much assistance from able botanists. To Mr. Brown, I am under the greatest obligations, not only for the liberal use of the Herbarium and Library, which, so happily for science, have been placed in his possession; but, also for the friendly manner in which he aided my researches, and condescended to solve the doubts so frequently presenting themselves to one little versant in these pursuits. In addition to this general assistance, he kindly superintended the botanical drawings, and has enriched my catalogue with the lists of the Cyperoideæ (including the Carices) the Gramineæ, Junci and Filices, and, with the accounts of the genera *Eutoca*, *Heuchera*, and *Cryptogramma*.

The collections of Pallas and Pursh, now belonging to Mr. Lambert, rendered the power of referring to his valuable Herbarium an object of the utmost importance to me; and the desire of promoting the science, which so eminently distinguishes his character, induced him cheerfully to accord it.

Professor Schwægrichen, when in London, named the Musci, which renders that part of the list of high authority; and Professor Hooker, by undertaking the examination of the Lichenes and Fungi, has stamped a value upon a portion of the catalogue, upon which it was peculiarly desirable to have the opinion and authority of an eminent cryptogamic botanist.