

come to light tending to confirm my results. The Whymper Expedition brought to England a number of fossil plants, which have been sent to me for examination. I found eighty species, of which thirty-two from North Greenland are new, so that we now know 137 species of Miocene plants from North Greenland (70° N. lat). It was a real delight to me to find the fruit cup of the *Castanea* [chestnut] inclosing three seeds (three *Kastanica*) and covered with prickles like the *Castanea vesca*; and, furthermore, I was able to prove by the flowers, which were preserved with the fruit, that the supposition given in the *Arctic Flora* (p. 106) was correct; namely, that the leaves of the *Fagus castaneafolia* Ung. truly belong to a *Castanea*. As several fruits are contained in one fruit cup, this Miocene *Castanea* must have been nearer to the European species (*C. vesca*) than to the American *Castanea* (the *C. pumila* Michx). The leaves have been drawn in the *Flora Arctica*, and are also preserved in the Whymper collection.

I have received very beautiful and large leaves of the *Castanea* which I have called *C. Ungerii*, from Alaska. I am now occupied in working up this fossil Alaskan flora; the plants are in great part drawn, and contain