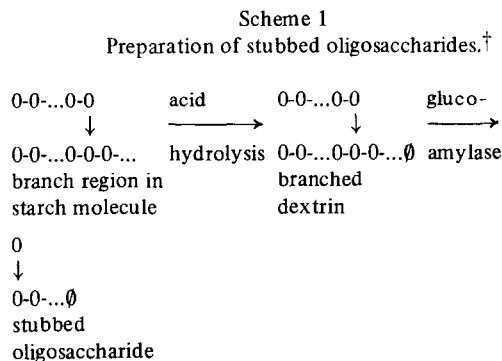


ERRATA

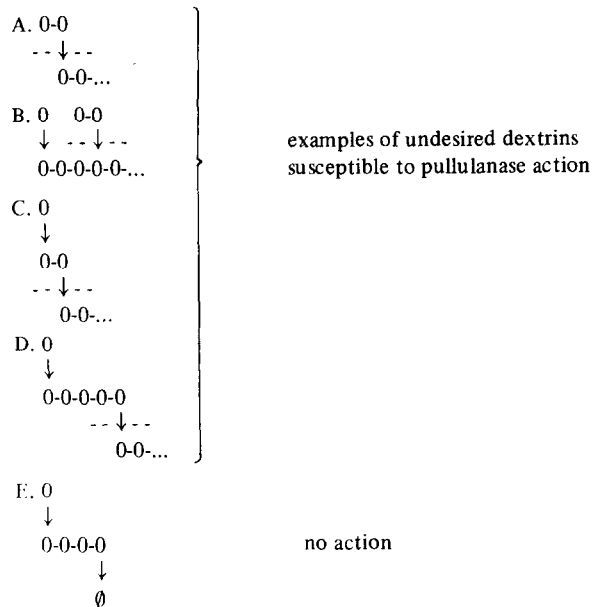
Keiji Kainuma and Dexter French, Action of pancreatic amylase on starch oligosaccharides containing single glucose side chains, FEBS Letters 5 (1969) 257.

Scheme 1 should be as follows:



[†] Symbols and abbreviations: 0, D-glucose unit; -, α 1,4 bond; ↓ α 1,6-bond; Ø, reducing terminal D-glucose unit; ↑, point of amylase attack, -- ↓ --, point of pullulanase attack; a series of three dots (...) indicates an indefinite continuation of the starch chain.

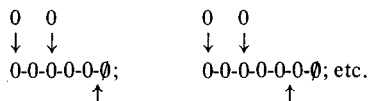
Scheme 2 should be as follows:



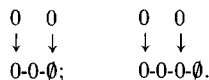
Wherever "procine" appears, it should read "porcine".

p. 260, column 1, last but one line from - "No products" to the end of the page should read:

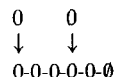
No products are produced in the penta- or hexasaccharide range. A distinct heptasaccharide band is produced by the following reactions:



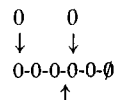
Traces of compounds moving as penta- and hexasaccharide remain unattacked by the amylase. Presumably these compounds are doubly-stubbed components of the original mixture:



The chromatogram shows a weak indistinct band of products with chromatographic mobility slightly less than the doubly-stubbed heptasaccharide. At present this remains unidentified. We presume that it is not the doubly-stubbed octasaccharide:



which would be expected to have a substantially lower mobility. Admittedly, resolution of 2-dimensional chromatograms is poor in this low-mobility region and so we cannot rigorously exclude the possibility that the indistinct band is the doubly-stubbed octasaccharide. If it were, however, one would expect it to be produced in amounts more nearly comparable with the doubly-stubbed heptasaccharide. Therefore, we tentatively conclude that this octasaccharide is cleaved by amylase as follows:



Absence of a stubbed pentasaccharide band indicates that the glucoamylase treatment has removed all structures of the following type:

Reference [11] should read:
W.J. Whelan and P.M. Taylor, Arch. Biochem. Biophys. 113 (1966) 500.