

Legend for Plate 2

FIGURE 5 Tannin cells partly crushed to show the characteristic fracture of their contents like that of a jelly.

FIGURE 6 Part of a string of tannin cells broken slightly at the point indicated by the arrow point, where the contained jelly is seen to protrude from two adjacent cells.

FIGURE 7 The same as Figure 6, after treatment with a weak alkali. The masses of protruding jelly are now seen to have swollen very greatly.

FIGURE 8 A green banana split lengthwise to show the distribution of the tannin, seen as dark strings and masses.

FIGURE 9 Portion of a string of tannin cells lying in water. At the point indicated by the arrow the tannin is seen to be diffusing out to form a spherical mass of precipitate.

FIGURE 10 Similar to Figure 9, but in this case the tannin is forming a curiously shaped tube reaching out into the surrounding medium. The tannin cells of such fruits behave in this manner more or less during digestion.