

Pennsylvania Volunteers.

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REMARKS.

1402

Yours out - Wm. L. Co June 25/65.

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1. *Chlorophyll a* (Chl *a*) is the primary photosynthetic pigment in most plants and algae. It is a green pigment that absorbs light energy in the blue and red regions of the visible spectrum. Chl *a* is located in the thylakoid membranes of chloroplasts. It plays a central role in the light-dependent reactions of photosynthesis, where it converts light energy into chemical energy in the form of ATP and NADPH. The structure of Chl *a* consists of a central magnesium atom coordinated by four nitrogen atoms in a porphyrin-like ring, with a long phytol side chain attached to one of the ring carbons.

[Handwritten signature]

"I ... " I ... " " " " "

"The first thing I noticed was that the water was very warm."

Wms out with Co June 25/65.