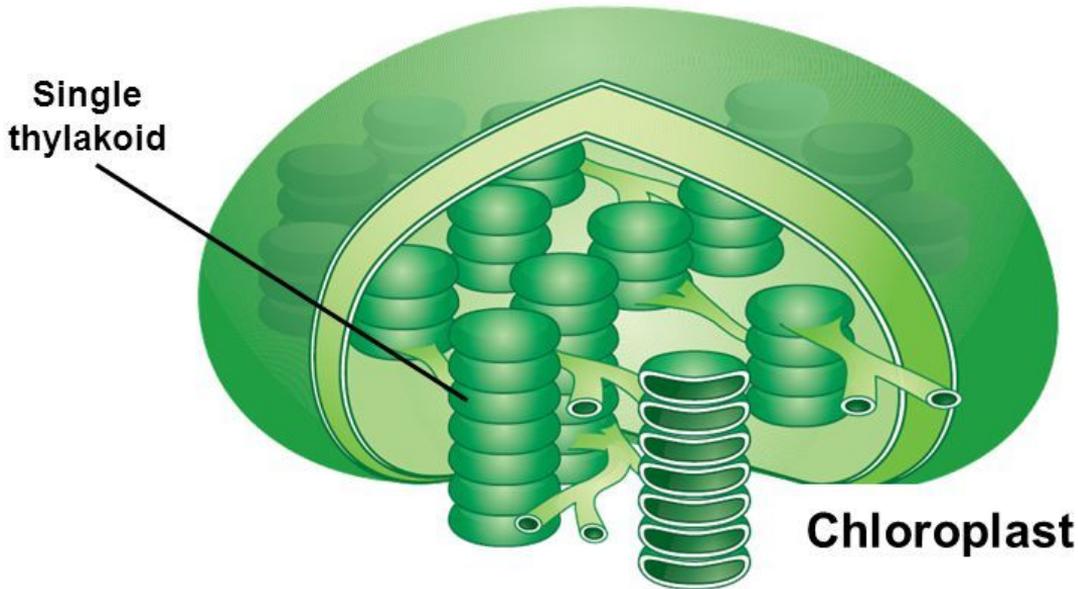


8.3 The Reaction of Photosynthesis

Chloroplasts: the organelle in plant cells where photosynthesis takes place



Thylakoids: saclike photosynthetic membranes

Grana: stacks of thylakoids

Stroma: The space surrounding the grana

Light is absorbed with light-absorbing molecules called **pigments**.

Plants principal pigment is called **chlorophyll**.

There are two main types:

- chlorophyll a
- chlorophyll b

Absorption of light is also absorption of energy.

This energy is transferred to e- to make photosynthesis work.

