

The results of the study of the candle-power, radiation and temperature measurements will be described at some future time, and it will be

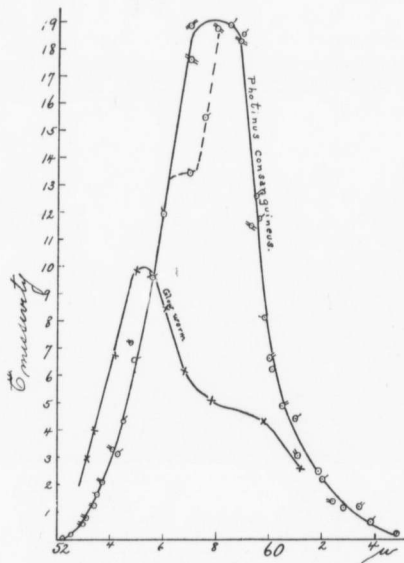


FIG. 27.—Spectral energy curves of fire-fly and glow worm.

sufficient to add that in a healthy fire-fly the abdominal segments containing the photogenic organ are at a higher temperature than the dark segments, whether or not the flashing is in progress.

In conclusion, it may be added that for the first time we have substantial evidence that the colour of the light of various fire-flies is different; the maximum emission of the

<i>Pyrophorus noctilucus</i>	being at538μ.
<i>Photuris pennsylvanica</i>	"552μ.
<i>Photinus pyralis</i>	"567μ.
<i>Photinus consanguineus</i>	"578μ.

Mailed October, 4th, 1911.