

through the water with great ease. They may well be called the sharks of the insect world, for there are few things that live in the water which are safe from their attacks. They are especial enemies of the larvæ of other aquatic insects; they feed also upon tadpoles, molluscs and small fish, and when pressed by hunger they do not hesitate to devour one another. They may be kept in an aquarium and fed on water insects and small pieces of raw meat, which they suck greedily.

Fig. 13 represents this species very correctly; it is black with a broad margin of pale yellow on each side, and stripes of the same color across the front of the head and on both the front and hind margins of the thorax; there is also an irregular yellow line crossing the wing covers near the tip. The under side is somewhat paler with reddish markings. Examples of this insect are often brought to us during the summer by persons who have found them in tubs or barrels of water and who were puzzled to know how they could get there. Beneath their hard wing covers they have a large pair of membranous wings, by the use of which they can fly with great ease; by this means they are enabled to travel from pond to pond in search of their prey. When wishing to change their location they crawl out of the water (usually towards evening) either up some reed or other water plant, or to the margin of the pond, and suddenly open their wing covers, expand their wings and rise into the air almost perpendicularly to a great height. Their descent is nearly as sudden and direct, and they often, when descending, drop into the water with considerable force. It would appear that they are enabled to distinguish the water from a considerable height by its glassy surface, for sometimes they have been known to drop with violence upon glazed garden sash, which they had evidently mistaken for water.

The female lays her eggs in the water, where they soon hatch into young larvæ, possessing the ferocious disposition and voracious appetite of their parents. The larvæ grow rapidly, and when mature are about two inches long, with large flattened heads armed with sickle-like jaws, with which they seize other insects and hold them while they suck their juices; they sometimes quickly snip off the tails of young tadpoles, and are known to attack young fishes and suck their blood. Many years ago, when searching with a dip-net in a pond for the larvæ of Dragon-flies, we caught one of these savage creatures, and supposing it could be as safely handled as the libellulæ larvæ, took hold of it, when it quickly turned and buried its sharp jaws in the flesh of one of our fingers, making the blood flow