grape-growers believe the Phylloxera came from America. They are opposed to destroying the vines, and believe in studying the insect and fighting it with manure and phosphates, ammonia, and potash. This treatment succeeds in porous soils, and to obtain this porosity the learned delegate had made use of dynamite, raising the ground thus from a great depth without injuring the vines. He then puts some chalk and phosphorus at the foot of the stock and irrigates. A gas is disengaged by the humidity, which destroys great quantities of insects, and by this means he obtains a crop. M. Lichtenstein added to this communication the result of his personal observations, that from the 15th August to the 15th September the Phylloxera takes wing and departs. He was not able to distinguish the sexes, but there was a time when the insect laid an egg which gave birth to the mother of the legions which devastate the vineyards. At this time the insect is within reach, and should be destroyed. In studying the Phylloxera of the vine the speaker discovered the Phylloxera of the oak.

Viscount de Saint Trivier, delegate from the Rhone, gave a history of the progress of the Phylloxera in his neighborhood, where it appeared three years ago. He pulled up some vines in April and June, but found no Phylloxera; but in July they appeared, which fact made him think, with M. Cornu, that the temperature must be at least 15° cent. He obtained good results by covering the stocks with a sort of paste made of saw-dust and coal-tar. M. Denis employed boiling water, to which he added one-tenth of tobacco-waste.

M. Loubet did not believe in medicines, but advocated patient replanting till the disease disappeared of itself, as he believed it soon would.

CORRESPONDENCE.

INTERESTING CAPTURES.

Last summer, while camping out with a party of friends on some of the small lakes north of Lake Ontario, ostensibly for the purpose of fishing, I kept on the alert for entomological rarities, and was rewarded by the discovery of two specimens of a *Grapta*, which I immediately recognized as *G. satyrus* Edw., though much astonished at the occurrence of the species so far from its usual habitat—the Pacific coast and Sierras of California—and hitherto not found at all on this side of the Rocky Mountains. Yet they were unmistakeably *satyrus*, and Mr. Edwards, on receiving one of the specimens, corroborated my opinion in the matter.

With a somewhat quickened pulse I cautiously approached the first specimen noticed, and successfully netted it; the other was secured with more difficulty, being very wild and frequently flying far into the woods, and then after a few moments returning to the patch of milkweeds where first found.

The two specimens were taken on the 22nd of July, on the shores of Cameron Lake, in Victoria County, Ont., and were the only ones seen during a stay of over a month in the neighbourhood. They were found in company with many *G. progne* and *comma* of both varieties (*dryas* and *Harrisii.*) *Argynnis cybele* and *aphrodite* were found in considerable and about equal numbers, and several specimens of *Thecla strigosa* were taken at the same place. *G. satyrus* is readily distinguished from *comma* by the honey-yellow under surface and great distinctness of the tawny fulvous marking above, that of the hind wings never being obscured by shades of deeper brown. Several specimens of *Arctia (Euprepia) Americana* were taken at our camp fires at various times during our stay; it was necessary to wait, net in hand, and pounce upon them before they were able to reach the fire, as their motions were quite rapid. The first specimen obtained was fished out from the frying-pan while culinary operations were going on—of course ruined—but others were secured in good condition by holding lighted birch-bark torches out a little distance from the shore; the moths flew down into the water and were readily captured. Several hundred eggs were laid by females pinned in the collecting box, and quite a number of the larvæ lived till winter and are now hybernating; they showed no preference as to food, but like most Arctians, devoured almost any green thing within their reach. If they survive the winter I will hereafter give an account of their transformations.

THEODORE L. MEAD, Ithaca, N. Y.

Mr. Knetzing, of this city, has discovered a locality for *B. infans.* They are found in a clump of White Birch, north of the village of Hochelaga. I believe this is the first record of its occurrence in this Province. *B. infans* is closely allied to *B. parthenais* of Europe, the caterpillars of which also feed on White Birch.

Mr. Pearson, one of our members, was fortunate in procuring a fine specimen of *Samia Columbia* from a cocoon found by him at Hochelaga.

Biston ursarius was as prolific as ever last season on the Lombardy Poplar, while the trees were as leafless as in mid-winter.

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