

**THE LONG-NECKED CHELODINE.**

BY C. FEW SEISS.

The long-necked chelodine (*chelodina longicollis*, Gray) is a native of Australia. The chelodines occupy much the same position in the Australian fauna which the soft-shelled turtles, *trionychidae*, and the snapping turtles, *chelydridae*, do in the American.

This chelodine is very remarkable for the great length of its neck, which may be termed both swan-like and serpentine, and indeed may almost be compared to that of the plesiosaurus of the liassic period, but of course in miniature. On account of this extraordinary length of neck, the chelodine is unable to draw its head and neck within the shell. This is contrary to the habits of a vast majority of the tortoises, and to all American species with which I am acquainted. When disturbed or frightened it hides its head under the side of the shell.

The chelodine is said to be fierce and rapacious, feeding upon fishes and various other animals. The superior surface of the head, neck, feet, and legs is blackish-gray or brown in color; the carapace (upper shell) is dull yellowish-brown, with pale mottled net-like markings, and a few brown spots; the plastron (under shell) is peculiarly broad and oval in front, and the plates are surrounded by a dusky border.

**Phosphorescence of Sulphate of Quinine.**

If some sulphate of quinine is strewn over a sheet of smooth paper and exposed to a heat of from 120° to 140° Fah. by means of a plate of metal, it becomes phosphorescent when stirred with a glass rod. Valeriate of quinine exhibits the same phenomenon without heat being applied, if the crystals are rubbed in a mortar.

**THE HIGH SCHOOL OF KOLAPORE, INDIA.**

The native Indian State of Kolapore, in the Deccan region, two or three hundred miles southeast of Bombay, India, contains half a million of people. Some years ago a high school was established at Kolapore, upon the plans of Sir Alexander Grant, then Director of Public Instruction in the Bombay Presidency. The school has prospered, and has been found useful to the native youth of the upper classes in Kolapore, being constantly attended by 300 students. The building, of which we give an illustration, has been constructed from the designs of Captain C. Mant, R.E., Executive Engineer. Its interior arrangements are suitable to the purpose, with twelve class rooms for the accommodation of

350 or 400 pupils, a lecture hall, a museum, and convenient offices. The style of architecture adopted is the Hindo-Saracenic, to agree with that of the adjoining gateway of the Palace Yard. The building is exceedingly ornate, and forms an excellent example of a new architectural departure, for such the adaptation of the peculiarly Indian design to a building of this character may well be considered.

**American Salmon in New Zealand.**

Intelligence has been received of the safe arrival in Auckland, New Zealand, of 40,000 salmon eggs from Columbia

**The Effect of Diet on Liquor Drinking.**

Charles Napier, an English scientific man, has been testing the truth of Liebig's theory that liquor drinking is compatible with animal food but not with a farinaceous diet. The experiment was tried upon 27 liquor-drinking persons with results substantiating the Liebig theory. Among the most striking instances of reform brought about by a change of diet was that of a gentleman of 60 who had been addicted to intemperate habits for 35 years; his outbursts averaged one a week. His constitution was so shattered that he had great difficulty in insuring his life. After an attack of delirium tremens, which nearly ended fatally, he was persuaded to enter upon a farinaceous diet, which, we are assured, cured him completely in seven months. He seems to have been very thin at the beginning of the experiment, but by the close of the period named had gained twenty-eight pounds, being then of about the normal weight for a person of his height.

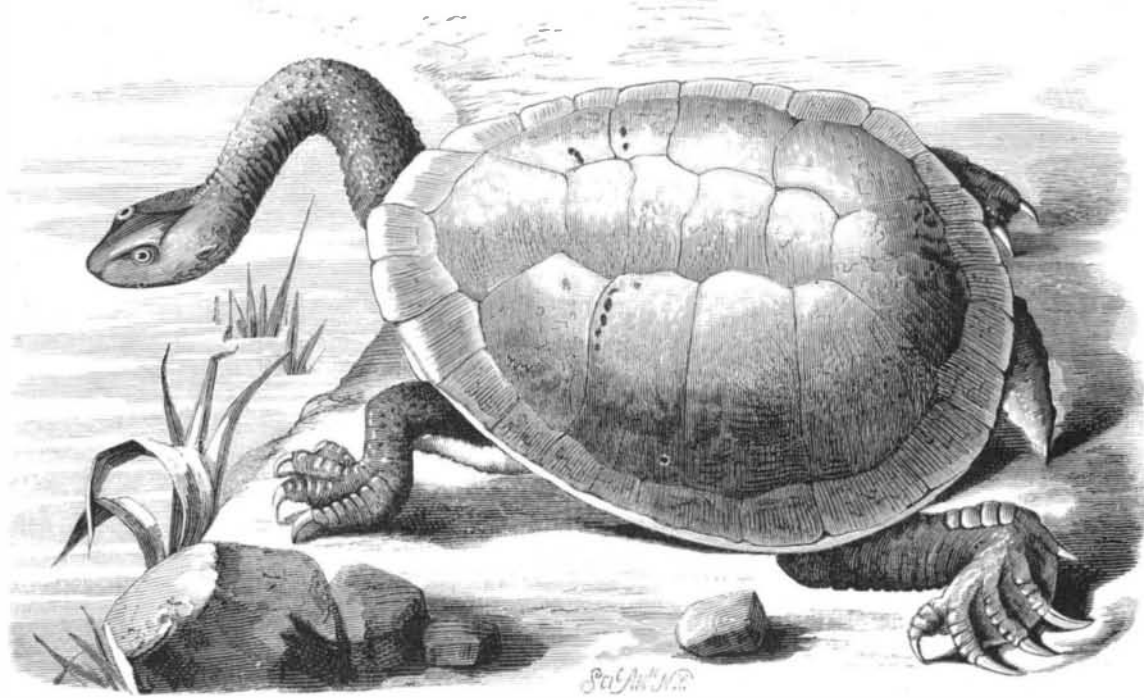
Among the articles of food which are specified by Napier as pre-eminent for antagonism to alcohol are macaroni, haricot beans, dried peas, and lentils, all of which should be well boiled and flavored with plenty of butter or olive oil. The various garden vegetables are said to be helpful, but a diet mainly composed of them would not resist the tendency to intemperance so effectually as one of macaroni and farinaceous food.

From this point of view, highly glutinous bread would be of great utility, but it should not be sour, such acidity being calculated to foster the habit of alcoholic drinking. A like remark may be applied to the use of salted food. If we inquire the cause of a vegetarian's alleged disinclination to alcoholic liquors we find that the carbonaceous starch contained in the macaroni, beans, or oleaginous aliment appears to render unnecessary, and therefore repulsive, carbon in an alcoholic form.

**The Arrival of the Obelisk in England.**

Cleopatra's Needle has passed the perils of the Bay of Biscay and the Channel, and has reached Gravesend in safety. The *New York World* says that after its erection in London Mr. Dixon will be at liberty to set about carrying out the proposition made in this city by his representative some months ago. That proposition having been accepted by a liberal citizen of New York, we may hope at no very distant day to hear that the "needle ship" has been dispatched upon its second and, to Americans, more interesting mission.

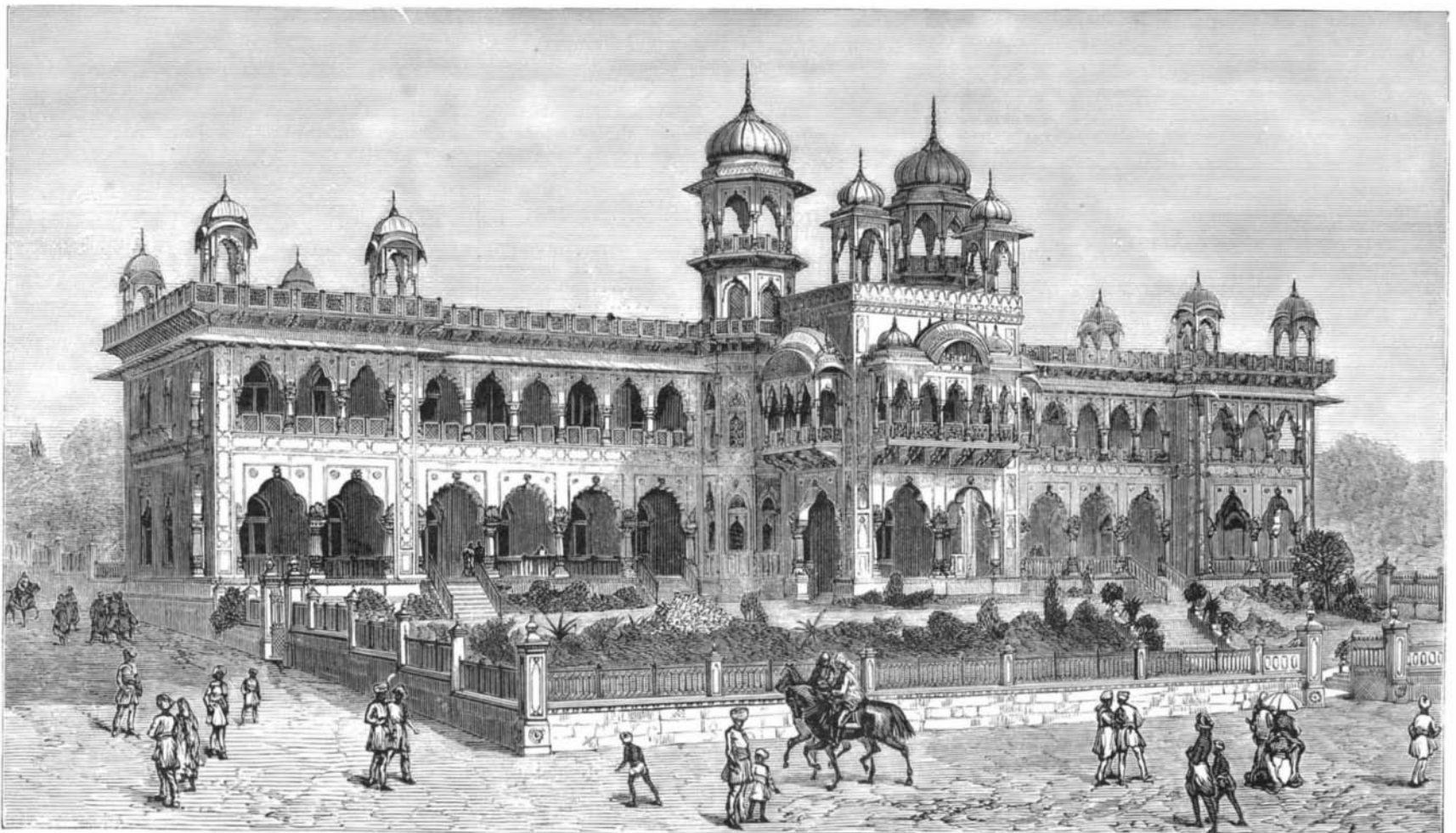
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river. These eggs were sent from San Francisco by steamer, consigned to the Napier Acclimatization Society; but on arrival at Auckland they were found to be so far advanced that it was determined not to risk sending them all to Napier, but to distribute them immediately in suitable localities in the neighborhood. One half was thus treated, and the remaining 20,000 were sent on to their original destination, Napier. There is every probability that an actual colony of salmon has now been planted in New Zealand, for the fry were in a healthy condition, and great care was taken by Mr. Firth to protect those placed in the rivers from all enemies.

**THE DOUBLE POSTAL CARD.**—A new style of postal card has been introduced in Germany. It consists of two cards of the ordinary size attached together, each stamped, the object being to facilitate the return of answers.

AMERICAN coffins are now being exported to England.



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