

THE ANNALS  
AND  
MAGAZINE OF NATURAL HISTORY,

INCLUDING

ZOOLOGY, BOTANY, AND GEOLOGY.

(BEING A CONTINUATION OF THE 'ANNALS' COMBINED WITH LOUDON AND CHARLESWORTH'S 'MAGAZINE OF NATURAL HISTORY.')

CONDUCTED BY

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VOL. XV.—SECOND SERIES.

LONDON:

PRINTED AND PUBLISHED BY TAYLOR AND FRANCIS.

SOLD BY LONGMAN, BROWN, GREEN, AND LONGMANS; S. HIGHLEY; SIMPKIN,  
MARSHALL, AND CO.; PIPER AND CO.; W. WOOD, TAVISTOCK STREET;  
BAILLIÈRE, REGENT STREET, AND PARIS: LIZARS, AND  
MACLACHLAN AND STEWART, EDINBURGH: CURRY,  
DUBLIN: AND ASHER, BERLIN.

1855.

attended with so much expense, and such great inconveniences of all kinds. Although the Portuguese Government allow me £45 per month, I shall nevertheless be under the necessity of contracting heavy debts before I return to Europe, since everything is at least three times dearer here than in London. As there are few roads, and fewer beasts of burden, all baggage, provisions, water, presses, paper, beds, cooking utensils, with the necessary articles for barter (*e. g.* guns, powder, brandy, cotton goods, glass-pearls, &c.), must be conveyed on the heads of negros; so that even the shortest excursion of three or four days costs an enormous sum.

Meanwhile my reliance is upon England; that is to say, I anticipate that my cases of living plants, insects, seeds, &c., as also a few herbaria of the flora of this neighbourhood, will be duly honoured; and in that hope, I intend within two or three weeks from this time, to make up a sample-collection for London. About the 16th or 18th of the present month, the English ship of war *Penelope* will leave here for England, and I shall avail myself of this opportunity to send living plants, as well as seeds and *Hymenoptera*, to Messrs. Wilson Saunders, Hooker, &c.

Read also a paper "On a new species of *Anomourous Crustacean* belonging to the family *Homolidæ*, found by Mr. Wm. Lobb, at Monterey in California, in the winter of 1850." By Adam White, Esq., F.L.S. &c.

This species Mr. White stated to be in some respects allied to *Lithodes (Echinocerus) cibarius* from the Columbia River, but to differ from it in the more regularly triangular and depressed form of the carapace, and in the outer antennæ having two or three beautiful petaloid processes at the base, instead of the strong thorn-like spines at the base of the other. The abdomen is singularly pitted on the under side; the surface of the carapace is covered with strawberry-like tubercles, and the thick spines with which the legs are covered are similarly ornamented. The most singular character however is the absence of the hinder pair of legs, or (as the President suggested) their apparent absence, there being no hole between the carapace and abdomen through which these appendages could come.

Mr. White gave a revision of the species of *Lithodes*, which had been much added to, since the work of Prof. Milne-Edwards, by a Japanese species described by De Haan; three species from Fuegia, obtained on the voyage of Dumont D'Urville; one described by Edwards and Lucas; another by Dana; and another by Mr. White himself. He proposed for the fine species obtained by Mr. Lobb, the name of *Lithodes (Petalocerus) Bellianus*, in compliment to the President of the Society.

Read also a Memoir "On the External Membrane of the Unimpregnated and Impregnated Ova of the Common Salmon." By John Hogg, Esq., M.A., F.R.S., F.L.S. &c.

In illustration of his paper, Mr. Hogg presented to the Society two phials containing (preserved in spirit) mature ova as they fell from the female Salmon unimpregnated, and others taken at the same