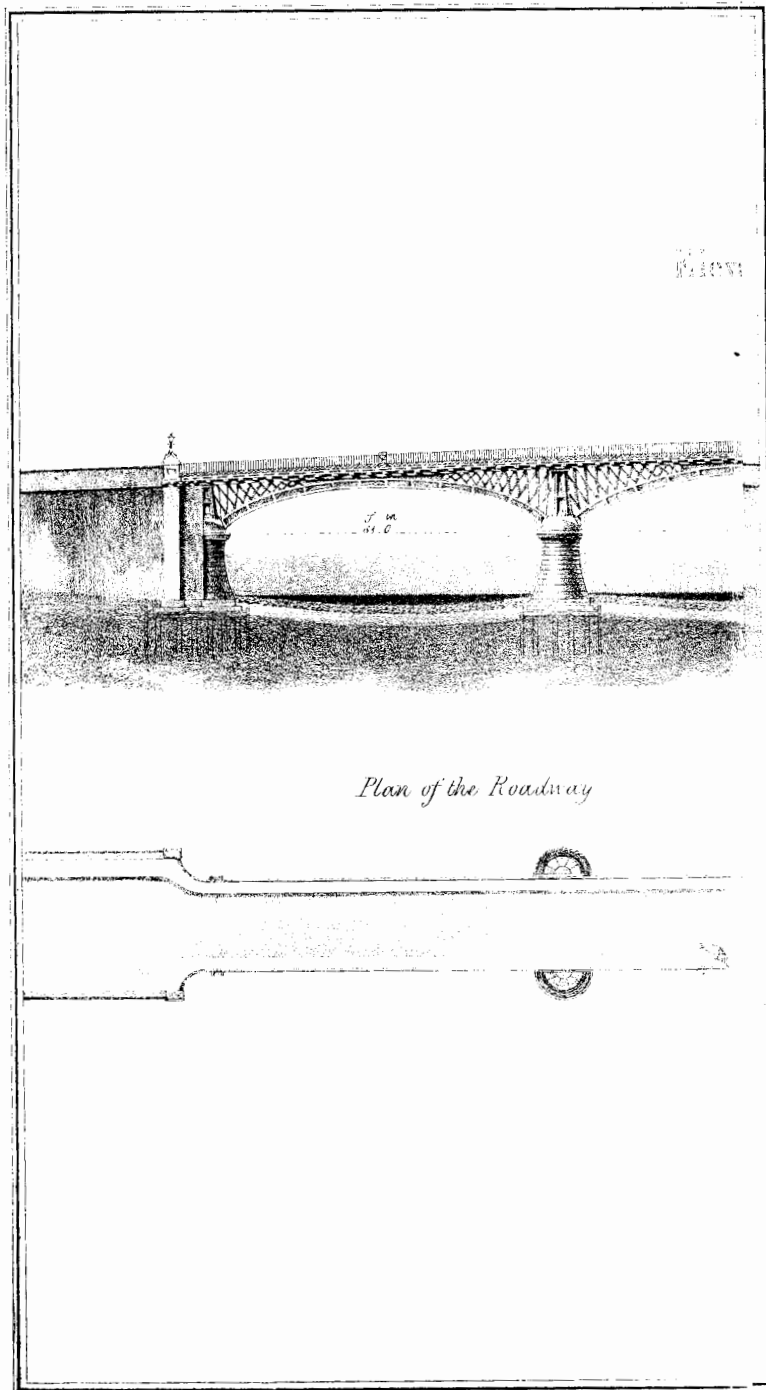




Drawn on Stone by T. Dighton

TRANSACTIONS

L 14,554

OF

THE PLYMOUTH INSTITUTION.



PLYMOUTH,

PRINTED AND PUBLISHED BY ROWE,

AND SOLD BY

BALDWIN AND CRADOCK, LONDON.

1830.

Found in those rivers in the south of Europe that flow slowly; not unfrequently taken in the Var.

Length 44-12 of an inch.

Hirudo bicolor.

H. dorso virescente, lineis duabus longitudinalibus croceis, notate, abdomine croceo sordido.

Longitudo 0016 millemetrorum.

Habitat in paludibus et stagnis, prope Nice.

H. with the back greenish marked with two longitudinal saffron lines; abdomen dirty saffron.

Found very commonly in the marshes and pools near Nice.

SPONGIADÆ.

*Tamcigastra.**

Corpus elongatum, antice, posticeque rotundatum, liberum ante aperturam, abrupte acuminatum ciliatum, postice clausum rotundatum. Ventriculis corporis longitudinis postice angustis; superficies interna cellulis numerosis ovatis excavatis sculpta; parietates spongiosæ.

Tamcigastra Mediterranea.

T. corpore griseo ruguloso, villosulo; ciliis anticis margaritaceis iridescentibus; villis griseis. Longitudo 0040 millemetrorum.

Habitat mari Mediterranea in Villa Franca sinu, vulgarissima.

T. with the body grey, roughish, slightly villose; the anterior ciliae pearly, and iridescent.

Found abundantly in the bay of Villa Franca.

* *ταχυior*, cellula et γαστήρ, venter.

ON TWO NEW GENERA OF CRUSTACEOUS ANIMALS,
DISCOVERED BY MR. JOHN CRANCH IN THE EXPEDITION
TO CONGO.

MALACOSTRACA.

*Odontorynchus.**

Thorax antice rostratus; rostrum acuminatum utrinque alternatim dentatum. Lamellæ caudales magnæ elongatæ foliaceæ postice latiores apice rotundatæ. Pedum par anticum minutum, bifidum; secundum longius bifidum; tria postica multo largiora, simplicia. Antennæ interiores bifidæ; articulo secundo multiarticulato; exteriores acuminatæ paululum longiores multiarticulatæ.

Thorax anteriorly rostrated; rostrum acuminate on each side alternately dentated. Caudal lamellæ large, elongated, foliaceous behind broader, with the extremities rounded. Anterior pair of feet minute bifid; second pair longer bifid; hinder pair much larger simple.

Interior antennæ bifid; the second joint many jointed.

* *ὀδοντωδεις* dentatus, et *ρυγχος*, rostrum. It belongs to the family Squilladæ.

Odontocerus lutescens.

O. Corpore toto, antennis, pedibus, lamellisq[ue] caudalibus luteis.

Longitudo 0052 millemetrorum.

Habitat ad Guineæ littora.

O. With all the body, antennæ, feet and caudal lamellæ clay-coloured.

Length 23-12 of an inch.

Inhabits the shores of Guinea.

*Prionorhynchus.**

Thorax convexus, elongatus, antice rostratus; rostrum utrinque ultra medium serratum; postice filamento corneo acuminato largo instructus. Pedum par anticum tenue bifidum acuminatum; paria quatuor, postica æqualia unguibus trifidis instructa. Lamellæ caudales æquales ovate foliaceæ. Oculis magnis.

Antennæ interiores bifidæ, multi-articulatæ acuminatæ; exteriores, longiores acuminatæ multi-articulatæ.

Thorax convex, elongated, anteriorly rostrated; rostrum on each side beyond the middle, serrated; with a long horny acuminated filament behind. First pair of feet acuminated, slender and bifid; the four hinder parts equal with trifid nails; caudal lamellæ equal, oval, foliaceous; eyes large.

Interior antennæ bifid, many jointed, acuminated; exterior antennæ; longer, acuminated, many-jointed.

* *πριων*, serra, et *ρυνχος*, rostrum.

Prionorhynchus Cranchianus.

P. Thorace, rostroque gilvo auro variegatis; filamento corneo sanguineo; antennis, pedibus, abdomineque carneis pallidis; oculis aureis.

Longitudo 0021 millemetrorum.

Habitat in Mari Atlantico. Lat. 24°. 13'. Long. 18°. 51'. 15".

P. With the thorax and beak carnation variegated with gold; the horny filament deep blood red, the antennæ, feet and abdomen, pale red; eyes golden.

Length 9½-12 of an inch.

Found in the Atlantic ocean. Lat. 24°. 13'. Long. 18°. 51'. 15", on the surface of the sea.