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ABSTRACT OF THE PROCEEDINGS
OF THE
ZOOLOGICAL SOCIETY OF LONDON.*

November 12th, 1912.

Dr. A. SMITH WOODWARD, F.R.S., Vice-President, in the Chair.

The Minutes of the last Scientific Meeting were confirmed.

The SECRETARY read a report on the Additions that had been made to the Society's Menagerie during the month of October, 1912.

The SECRETARY exhibited a photograph of the Hainan Gibbon (*Hylobates hainanus*) in natural colours, taken by Messrs. Elliott & Fry, by the Lumière process.

Mr. G. A. BOULENGER, F.R.S., F.Z.S., exhibited a specimen, 155 mm. long, of the African Cichlid Perch (*Hemichromis bimaculatus* Gill), which had recently died in Capt. Vipan's aquarium. The specimen was remarkable for its large size. Although the species is common over a considerable part of Africa, and hundreds of specimens have been collected in various localities, no wild example is known to exceed a length of 100 mm.

This *Hemichromis* is tinged with bright red about the head and on the fins, and, as was noticed in the 'Fishes of the Nile,' p. 462, this red is soluble in spirit, which, a few hours after the immersion of the fish, acquires a bright orange-red colour.

Mr. EDWARD GERRARD exhibited the skull of an Indian Rhinoceros (*Rhinoceros unicornis*) which had recently died in the Society's Gardens. He pointed out that abscesses had been formed at the base of the lower incisors, which had been much

* This Abstract is published by the Society at its offices, Zoological Gardens, Regent's Park, N.W., on the Tuesday following the date of Meeting to which it refers. It will be issued, along with the 'Proceedings,' free of extra charge, to all Fellows who subscribe to the Publications; but it may be obtained on the day of publication at the price of *Sixpence*, or, if desired, sent post-free for the sum of *Six Shillings* per annum, payable in advance.

rubbed down so that the nerves had become exposed. The animal must have suffered great pain, and this no doubt was the cause of his dashing his head against the walls and bars of his den in the violent manner he at times did.

Mr. E. G. BOULENGER, F.Z.S., Curator of Reptiles, exhibited a living specimen of the Salamander, *Amblystoma tigrinum*, which he had obtained from an Axolotl placed in special conditions with the object of forcing the metamorphosis.

Mr. D. SETH-SMITH, F.Z.S., Curator of Birds, gave a lantern demonstration of photographs of the young of Hemprich's Gull (*Larus hemprichi*), the Black-necked Swan (*Cygnus melanocoryphus*), and the White Stork (*Ciconia alba*) which had been hatched in the Society's Gardens during the present year. He also showed slides of the nest, in a tree near the Apes' House, made by the Orang-utan which escaped from its cage on November 3rd, 1912.

Mr. H. R. HOGG, M.A., F.Z.S., read a paper entitled "Some Falkland Island Spiders," based on a small collection of Spiders formed by Mr. Rupert Vallentin during a two years' stay in the Falkland Islands.

Of some of the species there were a fair number of specimens, but they comprised only six species of Spiders and one of the allied suborder Opilio.

The species were all apparently new, but the genera were all to be found either in Patagonia, Tierra del Fuego, or the islands about Cape Horn. The ancestors of the Spiders might all have been transported aerially at an early period and therefore afforded no evidence for or against a former land-connection, but in the event of the latter there should be many more species. The Opilio might have been conveyed under the bark of floating trees.

Mr. G. A. BOULENGER, F.R.S., F.Z.S., read a short paper containing the descriptions of three new Fishes which had been discovered by Dr. Spurrell in the vicinity of Bibianaha, near Dunkwa, Gold Coast, and presented by him to the British Museum.

A paper was communicated by Dr. H. LYSTER JAMESON, M.A., Ph.D., F.Z.S., and Dr. WILLIAM NICOLL, M.A., D.Sc., F.Z.S., which contained an account of some parasites of the Scoter Duck (*Ædemia nigra*), and discussed their relation to the pearl-inducing Trematode in the Edible Mussel (*Mytilus edulis*).

A paper was received from Mr. F. F. LAIDLAW, M.A., F.Z.S., dealing with some Dragonflies from Borneo belonging to the subfamily Corduliinæ, and to the genera *Disparoneura* and

Amphicnemis of the subfamily Agrioninae, with an account of a number of new species.

The next Meeting of the Society for Scientific Business will be held on Tuesday, November 26th, 1912, at half-past Eight o'clock P.M., when the following communications will be made:—

G. W. SMITH, M.A., and E. H. J. SCHUSTER, M.A., D.Sc., F.Z.S.

The Genus *Engæus*, or the Land Crayfishes of Australia.

E. S. GOODRICH, M.A., F.R.S., F.Z.S.

On the Structure of Bone in Fishes: a Contribution to Palæohistology.

C. L. BOULENGER, M.A., D.Sc., F.Z.S.

Report on the Myzostomida collected by Mr. Cyril Crossland in the Red Sea in 1905.

The Hon. PAUL A. METHUEN, F.Z.S.

Description of an Amphipod belonging to the Family Talitridæ, from the Woodbush, Transvaal.

BRUCE F. CUMMINGS.

On some Points in the Anatomy of the Mouth-parts of the Mallophaga.

The following papers have been received:—

G. P. FARRAN.

Plankton from Christmas Island, Indian Ocean.—II. On Copepoda of the Genera *Oithona* and *Paroithona*.

F. E. BEDDARD, M.A., D.Sc., F.R.S., F.Z.S.

Contributions to the Anatomy and Systematic Arrangement of the Cestoidea.—VIII. On some Species of *Ichthyotænia* and *Ophidotænia* from Ophidia.

H. L. HAWKINS, M.Sc., F.G.S.

The Anterior Ambulacrum of *Echinocardium cordatum* Penn., and the Origin of Compound Plates in Echinoids.

H. B. PRESTON, F.Z.S.

Diagnoses of new Species and Varieties of Agnathous Mollusca.

R. LYDEKKER, F.R.S., F.Z.S.

The Dwarf Buffalo of Southern Nigeria: with a Revision of the Dwarf Buffaloes of Western Africa.

Communications intended for the Scientific Meetings should be addressed to

P. CHALMERS MITCHELL,

Secretary.

ZOOLOGICAL SOCIETY OF LONDON,
REGENT'S PARK, LONDON, N.W.

November 19th, 1912.