

420 DR. GUILLEMARD ON BIRDS OF THE 'MARCHESA.' [Apr. 21,

23.0 centims. These examples are not separable from Sulu skins excepting as regards size. The following measurements (in centims.) seem to show that the greater dimensions of the former are tolerably constant:—

	Wing.	Tarsus.
Cagayan Sulu, ♂	11.6	2.3
" " ♂	11.2	2.3
" " ♀	10.5	2.2
" " ♀	11.3	2.2
" " ♀	11.3	2.2
Sulu Island, ♂	10.2	2.1
" " ♂	10.6	2.2
" " ♂	10.2	2.0
" " ♂	10.3	2.0
" " ♀	10.3	2.1
" " ♀	10.4	2.1

12. CARPOPHAGA PICKERINGI, Cassin.

a-e. ♂.

f. ♀.

Iris dull red; bill bluish-green; feet and tarsus dull red. Length 42.0-44.5 centims.; wing 22.8-25.1 centims.; tail 16.0-17.5 centims.; culmen 2.0-2.1 centims.; tarsus about 3.0 centims. Sexes alike.

These examples correspond with an individual of this species obtained in Sulu Island during the visit of the 'Marchesa' to that Archipelago. There is but little individual variation in the series; but in some the iridescent colour of the tail inclines rather to blue than green. This Pigeon was apparently abundant in the neighbourhood of the crater-lakes.

13. STREPSILAS INTERPRES, Linnæus.

a. ♀.

Iris brown; bill bluish-black; feet bright orange-red.

14. TRINGOIDES HYPOLEUCUS, Linnæus.

a. ♀.

Iris brown; bill brownish black; feet very dark olive. It is singular to observe how the habits of birds are adapted to circumstances. Both this and the preceding species perch on the mangroves, not on the trunks only, but in the branches. A small island near Tadjong Tavo-tavo, if indeed the word island can be applied to a collection of mangrove trees springing from the water, was the invariable resort of a large quantity of whimbrel, whose favourite perch seemed always to be upon the highest boughs.

15. DEMIEGRETТА SACRA, Gmelin.

a. ♂.

Iris chrome-yellow; tarsus olive, with black patches on the anterior aspect; feet with under surface bright yellow.

1885.] MR. J. STOLZMANN ON SEXUAL DIMORPHISM.

421

May 5, 1885.

Prof. W. H. Flower, LL.D., V.P.R.S., President, in the Chair.

The Secretary read the following report on the additions to the Society's Menagerie during the month of April 1885:—

The total number of registered additions to the Society's Menagerie during the month of April was 132, of which 33 were by presentation, 66 by purchase, 12 by birth, one by exchange, and 20 were received on deposit. The total number of departures during the same period, by death and removals, was 117.

The most noticeable additions during the month of April were as follows:—

1. A pair of Rhinoceroses, apparently referable to the Sumatran species, *Rhinoceros sumatrensis*. These are young animals, perhaps about three quarters of their full size, and form an interesting acquisition as being the first pair of any species of this genus that have been together in the Society's Menagerie.

They were purchased of Mr. Cross of Liverpool on the 16th of April for the sum of £500.

2. A female Tibetan Wild Ass or Kiang (*Equus hemionus*), deposited by Mr. W. Jamrach on the 7th of April. This is the only example of this species of Wild Ass that we have had in the Gardens since the specimen presented by the late Major W. E. Hay in 1859¹.

3. Two Gouldian Grass-Finches (*Poëphila gouldiæ*), one adult and one in young plumage, but both supposed to be of the male sex, presented by Mr. C. N. Rosenfeld on April 18th, and new to the Society's collection. It is possible that the controversy respecting the coloration of the sexes of this species² may be settled upon the death of these specimens.

The following papers were read:—

1. Quelques remarques sur le Dimorphisme Sexuel.

PAR JEAN STOLZMANN³.

[Received March 3, 1885.]

La théorie du transformisme a occupé, dans ces derniers temps, une place des plus importantes dans la science, formant, pour ainsi dire, la base des sciences biologiques. Il y a cependant une école de naturalistes qui s'opposent encore à l'accepter, probablement sous l'influence des anciennes traditions. Néanmoins toute la nouvelle génération des savants a accepté la théorie de Darwin avec un enthousiasme extraordinaire, la prenant pour point de départ pour toutes les questions de la philosophie naturelle. La majorité des

¹ See P. Z. S. 1859, p. 305, pl. lxxiii.

² See Gould's 'Birds of Australia,' vol. iii. plates 88 and 89.

³ Communicated by M. L. Taczanowski, C.M.Z.S.