will make an extended trip through the North-west. He will visit Denver, and will probably establish there a station for the breeding of trout, then proceeding to the Columbia River, where he will investigate the nature of the protection afforded by the State of Oregon and Washington Territory to its fisheries. If his investigations are satisfactory, he will take immediate steps toward the establishment of several propagating and distributing stations along this river.

- The following schedule shows the location of the vessels of the United States Coast Survey and the officers ordered to them: the 'Bache' and the 'Eagre' are continuing the hydrographic work on the approaches to Vineyard Sound, Mass.; naval cadets G. R. Evans and H. A. Bispham have been ordered to the 'Eagre;' naval cadet G. R. Slocum and ensign J. H. Oliver have been assigned to the 'McArthur,' now working off the coast of Washington Territory; naval cadets C. S. Stansworth and J. E. Shindel have been ordered to the 'Blake,' Long Island Sound; ensigns W. B. Fletcher and M. Johnson, and naval cadet Joseph Strauss, have been detached from the 'Endeavor,' and ordered to the 'Gedney' off the coast of Maine; naval cadet Robert L. Russell has been assigned to the 'Scorcesby' on the coast of North Carolina; Lieut.-Commander W. H. Brownson, United States hydrographic inspector, is now in Portsmouth, inspecting the new launch building at that place for the Coast Survey.

— The increasing interest which is felt in anthropological science is shown by the number of treatises now in course of preparation by eminent writers on different branches of this science. The Marquis of Nadaillac has in hand a work to be entitled 'Mœurs et Monuments des Temps Préhistoriques.' Professor de Quatrefages is busy with the second part of his 'Introduction to the Study of the Human Races.' This will be followed by a volume on the black

tions at Washington is due to the deceased, who devoted most of his time and work to their study. His numerous writings on American archæology, contained in the annual reports of the Smithsonian Institution and in foreign and American journals, and his recent work, 'Prehistoric Fishing in Europe and North America,' will always be appreciated by scientists, and secure him a prominent place among American archæologists.

LETTERS TO THE EDITOR.

* * The attention of scientific men is called to the advantages of the correspondence columns of SCIENCE for placing promptly on record brief preliminary notices of their investigations. Twenty copies of the number containing his communication will be furnished free to any correspondent on request.

The editor will be glad to publish any queries consonant with the character of the journal.

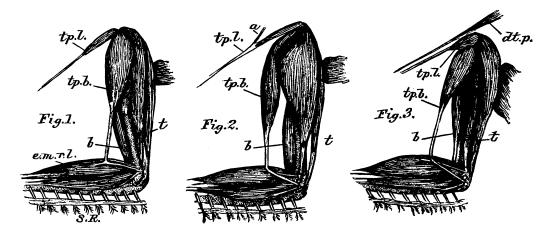
Correspondents are requested to be as brief as possible. The writer's name is in all cases required as proof of good faith.

The Dermo-Tensor Patagii Muscle.

CIRCUMSTANCES over which I had no control were responsible for my forwarding recently the wrong drawings which appeared in my letter to *Science* last month (No. 229). Although the essential part of my communication was perfectly correct, I did not intend to have the patagial muscles in the wing of a toucan stand for those structures in the wing of a passerine bird.

If you will kindly reproduce the three figures I here send you, the matter will be made quite clear.

The lettering of these figures remains the same as in those of my first communication upon this subject. In Fig. 1, we have Garrod's representation of the patagial muscles in the wing of a picarian bird (*Rhamphastos*), wherein the tensor patagii longus is found



races, by Dr. Hamy; by one on the yellow races, by J. Montano; and by a third on the red races, by Lucien Biart. Prof. G. J. Romanes is engaged on a work on mental evolution in man, and Mr. C. Staniland Wake is preparing one on the law of marriage. Mr. Gladstone's forthcoming volume on the greater gods of Olympos is shown, by the portions already published, to have an important scientific as well as literary character.

— A geological survey has recently been established in the State of Arkansas, and Mr. John C. Branner has been appointed director. The prime object of the Legislature was to develop the economic resources of the State; and no provision has been made for work in botany or zoölogy. The annual appropriation is ten thousand dollars

— Oliver P. Jenkins, M.A., M.S., professor of biology in De Pauw University, and Barton W. Evermann, M.S., professor of natural science in the Indiana State Normal School, have gone to Guaymas, Mex., on a zoölogical collecting-trip for the museums of De Pauw University, the Indiana State Normal School, and the Indiana University.

— Dr. Charles Rau, curator of the archæological department of the National Museum at Washington, died a few days ago at Philadelphia. The excellent arrangement of the large prehistoric collecpretty much the same as it occurs in the clamatorial birds (tp. l.). Fig. 2 is my copy of this anatomist's wing-muscles in a typical passerine bird ($Icterus \ vulgaris$), and a is the stump of the tendon I referred to in my letter in No. 229: it is just possible that it may be intended for the tendon of the dermo-tensor patagii. Lastly, in Fig. 3, I give my own dissection of the patagial muscles in the wing of a typical passerine bird, where dt. p. directs attention to the muscle in question. My original description of it in Science is correct in all particulars; and the points in regard to it to be briefly noted are, that Garrod apparently overlooked it, and failed to recognize its taxonomical value; that it is characteristic of the true Passeres; that it is absent in the Passeres mesomyodi, but present in such a form as Ampelis, and again absent in the Caprimulgi, Trochili, and Cypseli. To this extent it is an important morphological character. R. W. SHUFELDT. Fort Wingate, N. Mex., July 8.

Mean Heights and Body Temperatures of the Eskimo in Hudson Strait.

WITHIN forty miles of North Bluff, Hudson Strait, I should estimate there were sixty families. On such as visited our station, I carried out my determination of their heights; and, by several references to a family who resided alongside of us, I obtained the