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SCIENTIFIC TRAVELING EXPEDITIONS.

departure in October last, has, as our readers are doubtless sixty travelers can be stowed away comfortably in an 800 aware, been postponed, and will not start until some time ton vessel, which he proposes to buy for \$18,000. He has this scheme put forward was one to the effect that this plan to do. originated with them, and therefore was something quite be fully substantiated, inasmuch as the Woodruff scheme is having successfully managed one expedition, and it seems not by any means the only one of its kind. In fact there were like plans projected probably before it was thought of, and there are various others now in existence. As in a ship sails. Some very influential people in France are givstarts from, the fact that the other expeditions are to sail accommodations. The average charge is \$3,400, but this infrom Europe will not militate against their benefits to in- cludes all the expenses of extensive shore expeditions, so tending participants on this side of the water. Hence we that the traveler's actual outlay for the trip proper is not give a brief summary of the objects and purposes of each more than \$800. The vessel is a fine fast steamer, and her of these schemes, in order that our readers, in the interval route lies to the eastward. It embraces the journey through ruff vessel, may have an opportunity of making compari- across the Pacific, along both shores of the American contisons and a judicious selection of the particular scientific nents, and finally across the Atlantic. This expedition will expedition which they will patronize. We use the adjective start on June 1, 1878. scientific," not because the projectors of the schemes other than Woodruff's lay claim to it, as does that gentleman, but rather because it is fully as applicable to their plans as to

In England, there are now three expeditions under way, namely, that of Messrs. Cook & Sons, of Gaze and Sons, Gaze's, and Stangen's, schemes belong to the first, and the approach of the "good time" that seems so long in coming. rest to the second class.

I. Cook's Scientific Expedition.-The firm of Thomas three lists of American manufactures, as follows: Cook & Sons is so well known as tourists' agents that it is here deemed quite useless to explain their general mode of 25th last, and will return on March 25th, 1878. Price \$1475. housekeeping and kitchen utensils, especially novelties.

Route same as that of Mr. Phineas Fogg in Jules Verne's "Round the World in 80 days," which see for further partifriends a sensible and valuable Christmas or New Year's culars. It will be observed, however, that in this scientific present, let them donate a subscription to the SCIENTIFIC expedition out of six months 3½ are spent at sea and 2½ util-

> 2. Gaze's Scientific Expedition is organized on the same party. Tickets alone are issued good on railroads and steamers over a given route.

3. Stangen's Scientific Expedition.—Stangen used to conduct expeditions for Cook, and knows the business. Participants (we quote from the prospectus) are expected "to belong, without exception, to the best society." The voy-The easiest way to keep posted as to what is going Kaiserhof Hotel, Berlin, of all the members who have taken

4. Grindlay's Scientific Expedition.—Grindlay intended America, around the Horn, up along the coast again of both continents, and then across the Atlantic. Price \$2,500. Travelers pay their own expenses when ashore. La Nature, from which we are taking this information, naively presents three reasons why Grindlay's ship did not sail. First, the Russo-Turkish war; second, because Grindlay wanted fifty subscribers and could not get them; and, third, because five months of the time is spent at sea. The relation of the first

5. Radou's Scientific Expedition.—Captain Radou wants considered that the vessel is to be propelled only by sails, and is to occupy fifteen months in traversing the shores of North America and British India, besides doubling the The Woodruff Scientific Expedition, which some months Capes of Good Hope and Horn, this sum seems quite modago was reported to be actively fitting out with a view to erate. The difficulty with M. Radou's plan is that he thinks next spring. Among other claims which the projectors of not gone yet, and fails to state exactly when he proposes so

6. The Society-of-Voyages of-Study-Around-the-World'sunique and unexampled in its way. This statement cannot Scientific Expedition.-This concern has the advantage of to be the most practical and sensibly organized of all. Its subscription is limited to 66 passengers, but if 30 join the round-the-world voyage it matters very little where one ing the plan their support. The price varies according to which must now elapse prior to the departure of the Wood- the Mediterranean, the Indian Ocean, Malayan Archipelago,

THE AMERICAN MACHINERY AND INVENTIONS. WANTED ARROAD.

The State Department is rendering very valuable service to the country by requiring our consuls to report as to the condition of trade at their respective posts, as well as to and of Grindlay & Co. In France there are two, that of La make suggestions as to the best means of increasing our for-Société des Voyages (joint stock concern), Paris, and that of eign commerce. Some of these reports bear the mark of be-Captain Radou. In Germany there is one, that of Herring the result of thorough and systematic researches, giving Karl Stangen, of Berlin. In order to consider these scien valuable lists of goods that are likely to find a sale, and tific expeditions scientifically, they may be classified first hints as to the means of developing trade. The system, alwith those which do not possess private means of locomo- though in its infancy, has proved very valuable, and our tion, but propose to travel by existing means of intercom- manufacturers are already reaping the advantage of it. We as Effects of Organic Disease of the Brain. Delivered at the Believue munication, and second, into those which will possess sepa give below a condensation of several of the reports lately re-Hospital Medical College, New York, by C. E. Brown-Sequand, M.D., rate vessels, to be at the disposition of passengers during ceived, in hopes that our readers may profit by them and thus, the entire voyage. Of the six above mentioned, three, Cook's, by developing a foreign market for their wares, hasten the

The Consul-general at Berlin in one of his reports gives

Articles that find ready sale: Fine castings, bronze or maroon-colored; breast drills and wrenches; circular and operations. In fact circulars, etc., in voluminous quantities butcher's saws; try squares, trowels, plumbs, and levels; are obtainable at the office of the concern in this city. To augers' and auger bits; mouse and rat traps: door bolts; Mr. Cook a round-the-world voyage is a mere bagatelle, and cast iron stable fittings; shovels; hickory handles: chisel, he sells tickets which are good for traveling expenses in file, and augerhandles; oilstones and grindstones; padlocks; Maine or Hindostan, and for hotel charges in Alaska or Aus-box scrapers; can openers; gas tongs; mincing knives; shoe tralia-or any other parts of the globe the purchaser may brushes; leather; boots and shoes; pressed glassware, Our desire to visit—so that the traveler has only to make out his agricultural implements have long been favorably received, own itinerary, and he may paya sum in gross for the entire but recently imports of inferior articles have injured their trip and go alone: or he may join an expedition, pay so much reputation. The following articles are steadily gaining on for the privilege, and have his goings out and comings in the market: Hickory wheels, spokes, and wheel rims; windregulated per Cook's time table for the period enjoyed. mills; ventilators; steam pumps; gas fittings; portable Cook's sixth round-the-world tour left Liverpool on August steam engines; woodworking machinery; cheap clocks;