LESSON (1831), in his ‘Traité d’Ornithologie’, p. 621, described *Sterna hirundinacea*, the South American Tern, and reported the type locality as ‘Côtes du Brésil’ (coasts of Brazil). This author provided no details on the respective type specimens, except that they were deposited at the Muséum national d’Histoire naturelle (MNHN) in Paris, France. Although brief, Lesson’s description is sufficient to identify the bird as a breeding adult: ‘gris-blanc; calotte noire; tarse jaune; bec rouge corail’ (white and grey; black cap; tarsus yellow; bill coral red). Breeding South America Terns exhibit a vermillion bill and a black cap, which contrasts with the pale-grey upperparts. Non-breeding individuals, in contrast, have a white forehead and crown and a blackish to dull-red bill (HARRISON 1983, GOCHFELD & BURGER 1996).

Three specimens upon which Lesson supposedly based his description were examined by PUCHERAN (1850). According to him (p. 541), one of them is a breeding-plumaged, red-billed adult collected by the French botanist and traveller, Augustin François César Prouvençal de Saint-Hilaire (1779-1853), in the Province of St. Catherine (modern-day State of Santa Catarina) in south Brazil. The remaining two were collected by the French naturalist and explorer Pierre Antoine Delalande (1787-1823) at an unspecified locality in the same country. One of these is a breeding adult, while the other is a black-billed, non-breeding bird. The latter was, thus, not likely used by LESSON (1831) to describe *S. hirundinacea* (VOISIN & VOISIN 2011). We do not know exactly how many adult birds LESSON (1831) had at his disposal when writing his description.

ABSTRACT. The type locality of the South American Tern, *Sterna hirundinacea*, has long been considered to be the state of Santa Catarina in South Brazil. This conclusion was probably based on two syntypes, from the Muséum national d’Histoire naturelle in Paris, France, one from Laguna and the other from an unspecified locality. The latter was probably shot on the coast of Rio de Janeiro. A recent molecular study has shown that Brazilian and Patagonian populations of *S. hirundinacea* are not completely panmictic, though genetic differentiation between them is low. No data from the Falkland Islands and Pacific coast populations have been available for comparison. If future analysis shows that Pacific and/or Falkland/Malvinas populations are genetically isolated from the Brazil-Patagonian ones, the name *S. hirundinacea* would apply only to birds from the latter populations. Given that the two syntypes were collected at two widely spaced localities, doubts exist as to the precise locality where one syntype was taken, and to clear up uncertainties, a lectotype of *S. hirundinacea* is herein designated.

KEY WORDS. Brazil; nomenclature; seabirds; taxonomy.
The type locality of the South American Tern, *Sterna hirundinacea*, with designation of a lectotype

Given that the two syntypes were collected at two, widely spaced (> 1,000 km) locations, doubts exist as to the precise locality where specimen MNHN C.G. 1989-278 was taken, and to clear up uncertainties, we follow Art. 74.1 of the Code (ICZN 1999) and designate specimen MNHN C.G. 2011-144 (Fig. 1), collected by A. Saint-Hilaire in 1820 at Laguna in the State of Santa Catarina, south Brazil, as the lectotype of *S. hirundinacea*.

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ZOOLOGIA 30 (3): 356–358, June, 2013

Figure 1. South American Tern *Sterna hirundinacea*, lectotype MNHN C.G. 1989-278 collected by Augustin de Saint-Hilaire at Laguna, Santa Catarina. Photograph: Anne Préviiato.

During his 1816-1822 trip to South America, Saint-Hilaire travelled ca. 9,000 km across nine Brazilian states and Uruguay. He passed Laguna in May 1820, just before entering the southernmost State of Rio Grande do Sul. Delalande came to Brazil with Saint-Hilaire but returned to France after a short trip, June-December 1816, throughout the Province of Rio de Janeiro (modern day State of Rio de Janeiro), carrying with him the collections obtained (Saint-Hilaire 1936, Papavero 1971). Therefore, one can assume that the specimen MNHN C.G. 1989-278 was shot on the coast of the State of Rio de Janeiro or its sea approaches, where the South America Tern breeds on a number of coastal islands (Alves et al. 2004, Carlos 2009).

The South America Tern breeds on coastal islands of southern Peru and southeast Brazil, south to Tierra del Fuego, Argentina and Chile, and the Falkland/Malvinas Islands (Gochfeld & Burger 1996). During the austral winter, birds breeding in the extreme south move north to Uruguay and Brazil. The species also winters north to Ecuador on the Pacific coast. On the Atlantic coast, Brazilian and Patagonian populations of *S. hirundinacea* have different breeding phenologies; i.e., austral winter and summer, respectively (Gochfeld & Burger 1996, Carlos 2009). A recent study by Faria et al. (2010), based on mitochondrial DNA and microsatellites sequences, has shown that genetic differentiation between Brazilian and Patagonian birds is low, indicating that despite distinctive breeding phenologies, gene flow is high enough to prevent genetic isolation. No data from the Falkland/Malvinas and Pacific coast populations have been available for comparison. If future analysis shows that Pacific and/or Falkland/Malvinas populations are genetically isolated from the Brazil-Patagonian ones, and warrant specific or subspecific status, the name *S. hirundinacea* would apply only to birds from the latter populations.
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