

as the race occurring in Muscat and Oman and the Trucial States. This taxon is plainer and still greyer above than *A.s. nivescens*, buffier below, and is longer winged and tailed (wings in ♂♂, 98–104, ♀♀ 92–97 mm).

In the case of the West African *A.(s.) bannermani* Bates, 1930: Birwa Peak, Sierra Leone, described as a race of *A. richardi* Vieillot, further consideration of its status suggests that it lies very close in both colouration and morphology to *A. latistriatus* Jackson, 1899: Kavirondo, southwestern Kenya, as defined recently in Clancey (1984 (1985) and 1985), and is probably better associated with this complex than with any other, becoming *A.l. bannermani*. The case will be argued in depth elsewhere.

Acknowledgements: Thanks are made to the following for access to collections and the provision of research facilities: P. R. Colston, British Museum (Nat. Hist.), Tring; Dr A. Prigogine, Institut Royal des Sciences Naturelles de Belgique, Brussels; Dr M. Louette, Musée Royal de l'Afrique Centrale, Tervuren; Dr H. E. Wolters, Museum Alexander Koenig, Bonn; Dr J. M. Mendelsohn, Durban Natural History Museum. To all concerned I extend my thanks.

References:

- Britton, P. L. 1980. *Birds of East Africa, their habitat, status and distribution*, p. 176. East Africa Natural History Society, Nairobi.
- Clancey, P. A. 1956. The South African races of the Long-billed Pipit *Anthus similis* Jerdon. Misc. Tax. Notes on African Birds VII. *Durban Mus. Novit.* 4: 284–288.
- Clancey, P. A. 1964. On the South African races of the Long-billed Pipit *Anthus similis* Jerdon. Misc. Tax. Notes on African Birds XXII. *Durban Mus. Novit.* 7: 177–182.
- Clancey, P. A. 1984 (1985). Further on the status of *Anthus latistriatus* Jackson, 1899. *Le Gerfaut* 74(4): 375–382.
- Clancey, P. A. 1985. Species limits in the Long-billed Pipits of the southern Afrotropics. *Ostrich* 56(1–3): 157–169.
- Hall, B. P. 1961. The taxonomy and identification of pipits (genus *Anthus*). *Bull. Brit. Mus. (Nat. Hist.)*, Zool. 8: 245–289.
- Ridgway, R. 1912. *Color Standards and Color Nomenclature*. The Author, Washington, D.C.
- Reichenow, A. 1905. Beschreibung neuer Arten. *Ornith. Monatsber.* 13: 179.
- White, C. M. N. 1957. Taxonomic notes on African pipits, with the description of a new race of *Anthus similis*. *Bull. Brit. Orn. Cl.* 77: 30–34.
- White, C. M. N. 1960. In Peters' *Check-List of Birds of the World*, 9: 153–156. Museum of Comparative Zoology, Cambridge, Mass.

Address: Dr P. A. Clancey, Fernleigh Gardens; 8 Lambert Road, Morningside, Durban 4001, South Africa.

© British Ornithologists' Club 1986

The holotype of the Laysan Finch *Telespiza cantans* Wilson (Drepanidini)

by Storrs L. Olson and Helen F. James

Received 19 November 1985

The finch of Laysan Island in the northwestern Hawaiian chain has throughout most of its history been recognized under the specific name *Telespiza cantans*, proposed by Wilson (1890), who named the species on a single living specimen that he had in captivity at the time. However, because this form was originally erroneously attributed to Midway Island (Wilson 1890), and because it has been suggested by Munro (1944) that Wilson's specimen came from Nihoa Island, where a resident population of finch was later described under the name *Telespiza ultima* Bryan (1917), the identity of Wilson's original specimen

assumes considerable importance. Banks & Laybourne (1977) attempted to locate the holotype in the repositories in England and North America where it might logically have been expected, but they were unsuccessful. Although Banko (1979: 55) cryptically mentioned that Wilson's specimen had "apparently [been] accessioned by a European museum in 1894", he did not elaborate and instead listed the "type" as being in the American Museum of Natural History (p. 56), which refers, however, to the type of the junior synonym *Telespyza flavissima* Rothschild, 1892. On a tour of European museums in 1985, we identified what is certainly the holotypical specimen of *Telespiza cantans* in the Rijksmuseum van Natuurlijke Historie in Leiden and we report our results herewith.

Wilson's (1890) original description introduced several errors apart from the apparent type locality. In the text his new genus was given as *Telespyza*, which Rothschild (1893) regarded as an incorrect transliteration and emended to *Telespiza*, a spelling that most, though not all, subsequent authors employed. Banks & Laybourne (1977) regarded this as an unjustified emendation and resurrected the spelling *Telespyza*. It has gone unremarked, however, that the plate accompanying Wilson's description (Plate IX, by J. G. Keulemans) is captioned "*Telespiza cantans*" and that the species is indexed under this spelling in the same volume of *Ibis*. Wilson himself never used the erroneous "*Telespyza*" again (e.g. Wilson & Evans 1899). Because both orthographies occur with the original description, *Telespyza* can be regarded as a printer's error. Therefore, *Telespiza* would be the correct spelling if one were to recognize this genus as distinct from *Psittirostra* Temminck (which we do not).

The specimen in Wilson's possession, upon which the original description was based, was part of a shipment of about 60 birds that had been brought to Honolulu in January 1889, allegedly from Midway. Wilson took the living bird with him to England, where he described and figured it, but as noted by Banks & Laybourne (1977: 347), his measurements are too large for either of the living species of *Telespiza*. They identified the bird in Wilson's plate as "an immature male in first winter aspect, of the Laysan population". Because Palmer, in 1891, found finches abundant on Laysan but encountered no land birds of any kind on Midway, it was assumed that Wilson's bird must have come from Laysan (Rothschild 1892, 1893), this revised type locality having been accepted by most authors since then. On the basis of anecdotal information recalled half a century later, Munro (1944) suggested that Wilson's specimen actually came from Nihoa, in which case the name *cantans* would have to apply to the Nihoa birds and Rothschild's (1892) synonymized name *flavissima* would have to be resurrected for the Laysan bird.

The specimen in Leiden that we have identified as the holotype of *Telespiza cantans* (RMNH Specimen No 1) was purchased from Scott Wilson in 1894, as noticed in the annual report of the Rijksmuseum (Jentink 1894), and was catalogued in April of that year. At some time in the history of the specimen, the tail was dislodged and tied to the feet and it now lacks some of the rectrices. The specimen is labelled as a female but it is not certain whether this was based on plumage or dissection. Unfortunately, there is no original label, such labels having almost invariably been removed from the specimens in the Leiden museum, mainly by E. D. van Oort (G. F. Mees pers. comm.).

Comparison of this specimen with Wilson's plate shows the two to correspond very closely, given some licence on the part of artist and lithographer. In the specimen the yellowish on the top of the head is more extensive and the greyish somewhat less so than depicted, and the plate considerably exaggerates the spots on the flanks. But both the specimen and the plate differ from practically all specimens of the Laysan Finch in museum collections in the very brownish cast and conspicuously unworn and unfaded state of the plumage. Because of the harsh, bright environment of Laysan, wild-taken birds, even in relatively fresh plumage, usually show fading and wear. Such plumage as seen in the Leiden specimen would be unexpected except in a specimen that had passed through at least one moult in captivity. The facts that the Leiden specimen came from Wilson, that it must have been in captivity for some time prior to its preparation as a skin, that we have found no other specimens of this species attributable to Wilson in any museum, that it is unlikely that Wilson would have obtained additional captive specimens of this species subsequent to his departure from the Hawaiian islands in 1889, and that the specimen closely matches the distinctive bird figured in the original description, all add up to sufficient evidence to conclude that this is indeed the holotype of *Telespiza cantans*.

This specimen is clearly a representative of the larger of the 2 existing species of "*Telespiza*". Our own measurements of the wing length (80.6 mm) and tarsal length (23.9 mm) are outside the maxima recorded for *T. ultima* and are within the size range of either sex of the Laysan Finch (Banks & Laybourne 1977). In addition, the plumage is not that of the darker and more heavily streaked *T. ultima*. Regardless of the provenance of the holotype, the name *Telespiza cantans* may now be said with certainty to apply to the species of finch known historically from Laysan Island and not to the finch of Nihoa.

Acknowledgements: We are grateful to G. F. Mees for extending every courtesy to us on our visit to the Rijksmuseum van Natuurlijke Historie in Leiden, and to Richard C. Banks for reviewing the manuscript.

References:

- Banko, W. E. 1979. History of endemic Hawaiian birds [sic] specimens in museum collections. *Cooperative National Park Resources Study Unit, University of Hawaii, Avian History Report* 2: 80 pages.
- Banks, R. C. & Laybourne, R. C. 1977. Plumage sequence and taxonomy of Laysan and Nihoa Finches. *Condor* 79: 343-348.
- Bryan, W. A. 1917. Description of *Telespiza ultima* from Nihoa Island. *Auk* 34: 70-72.
- Jentink, F. A. 1894. *Verslag omtrent het Rijks Museum van Natuurlijke Historie te Leiden, Loopende over het Tijdvak van 1° September 1893 tot 1° September 1894*. E. J. Brill.
- Munro, G. C. 1944. *Birds of Hawaii*. Tongg Publ. Co.
- Rothschild, W. 1892. Descriptions of seven new species of birds from the Sandwich Islands. *Ann. Mag. Nat. Hist.* ser. 6(10): 108-112.
- Rothschild, W. 1893. *The Avifauna of Laysan and the Neighbouring Islands*. Part 1. R. H. Porter.
- Wilson, S. B. 1890. On a new finch from Midway Island, North Pacific. *Ibis* ser. 6, 2(6): 339-341, plate 9.
- Wilson, S. B. & Evans, A. H. 1899. *Aves Hawaiienses: The Birds of the Sandwich Islands*. Part 8. R. H. Porter.

Address: Storrs L. Olson and Helen F. James, Department of Vertebrate Zoology, National Museum of Natural History, Smithsonian Institution, Washington, D.C. 20560, U.S.A.



Olson, Storrs L. and James, H F. 1986. "THE HOLOTYPE OF THE LAYSAN FINCH TELESPIZA-CANTANS DREPANIDINI." *Bulletin of the British Ornithologists' Club* 106, 84–86.

View This Item Online: <https://www.biodiversitylibrary.org/item/123887>

Permalink: <https://www.biodiversitylibrary.org/partpdf/77206>

Holding Institution

Smithsonian Libraries and Archives

Sponsored by

Biodiversity Heritage Library

Copyright & Reuse

Copyright Status: In Copyright. Digitized with the permission of the rights holder.

Rights Holder: British Ornithologists' Club

License: <http://creativecommons.org/licenses/by-nc-sa/3.0/>

Rights: <https://www.biodiversitylibrary.org/permissions/>

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.