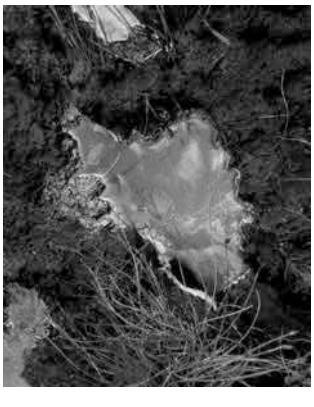
Produced in 2020 as an epitext to the publication *Rare bird economics.*
Edited and designed by James Langdon, HfG Karlsruhe, Germany.
Text from correspondence with Josh Jones, birder and photographer.



Figure 1
White-throated Needletail, *Hirundapus caudacutus*, left wing detail, shown at actual size. Photograph from the collection of Auckland War Memorial Museum, New Zealand, licensed under a Creative Commons Attribution 4.0 International License. Digital image file in JPEG format downloaded from [aucklandmuseum.com].

Seeing these features on the bird was incredibly difficult due to its speed, but the photographs do a decent job of portraying it. Deep and oily in particular, that sort of impression. There's certainly an iridescence, but the description of 'oily' does it for me.



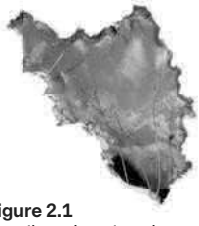


Figure 2.1
Detail made using the Quick Selection tool in Adobe Photoshop.

Figure 2
Oil-polluted land. Close-up of oil floating on water in a field. Photographed near Ullapool, Scotland, UK. Photograph by Martin Bond, licensed from Science Photo Library, London, UK. Digital image file in JPEG format downloaded from [sciencephoto.com].



Figure 3
Selective manipulation of Figure 1 using the Match Colour feature in Adobe Photoshop version 22.0.0, with Figure 2.1 as source image.

Layout prepared in Adobe InDesign version 16.0.
Printed offset in four-colour process by Druckteam Berlin, Germany.
250 copies collected directly from the factory.



Figure 4
Enlargement of Figure 3 using ML Super Resolution in Pixelmator Pro version 1.8 Lynx.



Figure 5
Enlargement of Figure 3 using ON1 Resize 2020 with Genuine Fractals version 14.1.1.8865.