Long-billed Dowitcher *Limnodromus scolopaceus* at Sultanpur National Park, Haryana, India

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n 2 March 2013, Martin Birch, Sanjay Sharma, and Atul Jain spotted a wader at Sultanpur National Park, Haryana, India which was initially identified as an Asian Dowitcher Limnodromus semipalmatus. Birch, who photographed it, suspected it to be one of the American dowitchers, most possibly a Long-billed Dowitcher L. scolopaceus. On 3 March 2013, while searching for the bird at Sultanpur, we saw a flock of waders disturbed by a Western Marsh-harrier Circus aeruginosus. The waders settled about 100 m from us and we found two dowitchers in the flock of Common Greenshank Tringa nebularia, Spotted Redshank T. erythropus and Wood Sandpiper T. glareola[104]. Due to their distance from us, the dowitchers were scoped and the following list of main features noted:

Softparts: The long bills of both the birds had basal half dull yellow at the base, rest being black, darkening towards the tip. The legs were greenish-yellow, although they appeared lemonyellow in the afternoon sun.

Upperparts: Generally grey-brown, individual feathers with dark brown shafts; wing coverts and tertials appearing browner.

Underparts: Whitish, neck and breast washed uniformly grey, merging into whitish belly; flanks with distinct broad bars and spots.

Tail: Had quite wide black tail bars. Undertails barred with black. **Head:** The crown was slightly darker grey than the grey on its neck, broad white supercilium from bill arching over eye and extending past the eye (at least in one bird), dark brown lores (very thick in one bird), almost black post-ocular stripe slightly exceeding supercilium and white on chin.

Upperwing: In flight, the secondaries seen from above had broad white tips. The greater coverts showed thin white tips.

Structure: The bird was perhaps more 'front heavy' and rounded, with a long snipe-like bill. While feeding, it appeared round-bodied.

The Long-billed Dowitcher occurs from north-central Siberia east to north-eastern Siberia, western Alaska, northern Yukon, western and central USA to Panama and French Guiana (Dickinson 2003). Sonobe & Usui (1993) record the species as a rare visitor to East Asia. Chandler (2009), and Rasmussen

& Anderton (2012) record it as an uncommon vagrant to India. There are only five previous records of the species from the Indian Subcontinent, two of them perhaps the same record.

Short-billed Dowitcher *L. griseus* is very similar to Long-billed Dowitcher. Great care is required in identifying Long-billed Dowitcher, especially in its non-breeding plumage (Chandler 2009) as individuals in this phase provide the observer with the greatest difficulty (Chandler 1998). The two American species are similar in appearance and behaviour (Paulson 2005). According to Message & Taylor (2005), 'a combination of characteristic features rather than any one, apart from call, needs to be noted to separate these extremely similar species, particularly in worn breeding and non-breeding plumage.' The two species are best distinguished by characteristic calls. However, during our observations, we never heard the birds call.

No *deus ex machina* is available to assist with dowitcher identification in its winter plumage (Wallace 1980). However, a combination of detailed observations and several photographs helped us in concluding that the dowitchers at Sultanpur were indeed Long-billed Dowitchers.

According to Chandler (2009), 'female dowitchers have longer bills than the males. Since the bill length of these species overlap considerably, only the shortest-billed male Short-billed, and the longest-billed female Long-billed, can be identified on this character alone.' Svensson et al. (2009) feel, 'bill length overlaps extensively and is useful for extremes: twice head length or more indicates Long-billed, about 1.5 times head length indicates Short-billed.' One of the birds photographed showed bill length being double the size of head length, indicating the birds to be Long-billed Dowitchers, possibly a non-breeding female [103]. According to Message & Taylor (2005), 'the distal third of the bill on Short-billed Dowitcher usually appears slightly drooped compared with the very straight bill of Long-billed Dowitcher.' The birds seen at Sultanpur had very straight bills, indicating these to be Long-billed rather than Short-billed Dowitchers [103].

Hayman et al. (1986) state that the legs of the Long-billed Dowitcher are on average longer than a Short-billed Dowitcher.

Table 1. Records of Long-billed Dowitcher Limnodromus scolopaceus from India			
Date	Location	Remarks	References
13–23 February 1997 11 May1997	Keoladeo NP, Bharatpur, Rajasthan Harike, Punjab	Recorded on multiple days. Seen by Per Undeland and probably the same bird from Bharatpur.	Robson 1997, Holt 1999, Rasmussen & Anderton 2012 Kazmierczak & Singh 2001, Per Undeland pers. comm.
22 January 2001 13 January 2008	Keoladeo NP, Bharatpur, Rajasthan Khijadiya Sanctuary, Jamnagar, Guiarat	Unpublished Photo record of a single bird along with Asian Dowitcher.	Robson 2002, Rasmussen & Anderton 2012 Forsten & Lindholm 2013
16 February 2012	Jamnagar, Gujarat	Unpublished Photo record of a single bird by Laurens Steijn.	Praveen J. pers. comm.



103. Long-billed Dowitcher Limnodromus scolopaceus showing very long straight bill.

The birds had longish legs with long tibia, indicating Long-billed Dowitcher [105].

The tail feathers of both the species are barred black and white with the Long-billed Dowitcher showing black bars wider than white and Short-billed Dowitcher showing white bars equal to or wider than the black bars (Chandler 2009). The birds seen in flight and from various angles while preening clearly showed broader black bars on the tail feathers [105].

Long-billed Dowitcher in non-breeding plumage shows unspeckled grey on throat and entire breast, whereas throat and upper breast of non-breeding Short-billed Dowitcher is light grey, finely speckled with lower edge of breast often spotted (Hayman *et al.* 1998). Svensson *et al.* (2009) find Long-billed Dowitcher in winter to have, 'whole breast grey with rather abrupt border against white belly.' The birds seen by us showed grey throat and breast that was unspeckled and had no spotting but an abrupt border against white belly [106].

Tertials and primary tips of Long-billed Dowitcher are equal in adults and normally fall short of tail-tips, and those of Short-billed Dowitcher extend beyond (Message & Taylor 2005). The birds seen from various angles showed tertials and primary tips to be equal and a little short of tail end [106].

Another useful, though by no means absolute, distinction between these two species is Short-billed's preference for brackish or saline coastal wetlands, and Long-billed's preference for freshwater habitats (Chandler 2009). On migration and in winter the Long-billed Dowitcher is mainly found at freshwater sites, such as marshes and drying lake shores (del Hoyo *et al.*1996). Although the birds at Sultanpur were in suitable habitat for a Long-billed Dowitcher, one would expect these to break down where vagrants are concerned.



104. Long-billed Dowitcher pair with Greenshank.



105. Long-billed Dowitcher showing its long legs & broader black bars in tail feathers.

Some of the feathers on the rear scapulars on one of the birds showed rufous fringes and dark brown centres, indicating these to be retained juvenile feathers, a combination indicating a first-winter Long-billed Dowitcher. The scapulars on the Short-billed Dowitcher juvenile show wavy internal markings. Holt (1999) based this feature to be a significant identification feature for the bird seen at Keoladeo National Park during February 1997.

Photos of the birds from Sultanpur were sent to Alvaro Jaramillo, who comes across the species commonly in the new world. In his email dated 24 June 2013 (pers. comm. Aasheesh Pittie) he confirms these to be Long-billed Dowitcher based on features including structure, long and straight beak with no kink at the end, shallow bill base and dark breast coloration.

Though a vagrant, the Long-billed Dowitcher is comparatively regular to the western Palearctic with many records from Asia whereas the Short-billed Dowitcher is a scarce visitor to parts of western Palearctic, restricted mostly to Europe.

Although this is the sixth record of Long-billed Dowitcher for the Indian Subcontinent, it was not altogether unexpected. The species breeds in Alaska andnorth-eastern Siberia and there have been several records from various parts of Asia: 'in excess of 30 records' in Japan (Brazil 1991), at least six from Hong Kong (Carey 1996), from Oman (Foster & Greaves 1986), and from Bali, Brunei, and Thailand (Hayman *et al.* 1986).

The Long-billed Dowitchers were last seen on 30 March 2013 at Sultanpur (Sanjay Sharma *pers. com., verbally*).

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106. Long-billed Dowitcher showing grey breast with abrupt border against white belly.

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Red Phalarope *Phalaropus fulicaria:*An addition to the avifauna of Peninsular India

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