

Short Note

First record of male-male combat in the Yellow-bellied Puffing

Snake *Spilotes sulphureus* (Wagler, 1824)

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Supplementary material

Video S1. Complete record of combat behaviour.

Table S1. Observed displays in timestamps during the record of male-male combat in *S. sulphureus* in Rio de Janeiro state, southeastern Brazil.

Time of the video (min)	Observed display
00:02	Vertical display
00:04	Tumble
00:06	Recovery
00:11	Vertical display, gular inflation and tumble
00:12	Recovery, gular inflation and neck S-coil
00:13	Gular inflation
00:14	Dorsal hyperextension and gular inflation
00:18	Downward push
00:19	Gular inflation
00:20	Tumble and recovery
00:22	Gular inflation
00:27	Neck S-coil
00:28	Vertical orientation
00:36	Dorsal hyperextension and latero-lateral flattening
00:37	Latero-lateral flattening
00:38	Vertical orientation
00:48	Gular inflation
00:50	Gular inflation
00:51	Dorsal hyperextension
00:54 - 00:58	Gular inflation
01:11	Gular inflation
01:12 - 01:13	Vertical orientation and gular inflation
01:15	Tongue-flicking
01:26	Latero-lateral flattening
01:31	Pinning
01:32 - 01:34	Latero-lateral flattening
01:35	Vertical orientation
01:37 - 01:40	Gular inflation
01:43	Pinning and neck S-coil
01:44 - 01:46	Neck S-coil
01:49	Vertical orientation
01:56	Gular inflation
01:58 - 01:59	Latero-lateral flattening
02:01	Gular inflation
02:42	Vertical display and orientation
02:44	Lyre-shaped
02:48	Vertical display and orientation
02:53	Dorsal hyperextension and tumble
02:54	Recovery
03:06	Vertical orientation
03:11	Gular inflation
03:12 - 03:14	Vertical orientation and gular inflation
03:18 - 03:19	Vertical orientation and gular inflation
03:20 - 03:21	Gular inflation and neck S-coil

03:22 - 03:24	Vertical orientation and gular inflation
03:27	Dorsal hyperextension attempt *
03:28 - 03:31	Gular inflation
03:32 - 03:33	Neck S-coil and latero-lateral flattening
03:34 - 04:46	Vertical display and orientation

* During this display, one of the males lost his balance and fell onto the other, knocking him down.