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Irreducible components of exotic Springer fibres and Robinson-Schensted correspondence.

We explicitly describe the irreducible components of the exotic Springer fibres defined by Kato, and prove that they are naturally in bijection with standard bitableaux. As a consequence, we also deduce the existence of a geometrically defined exotic Robinson-Schensted bijection between the Weyl group of type C and pairs of standard bitableaux of the same shape. (Received July 22, 2017)