

## Chaffinch (*Fringilla coelebs*) : fidelity of cultural transmission

### Pinson des arbres (*Fringilla coelebs*) : fidélité de la transmission culturelle

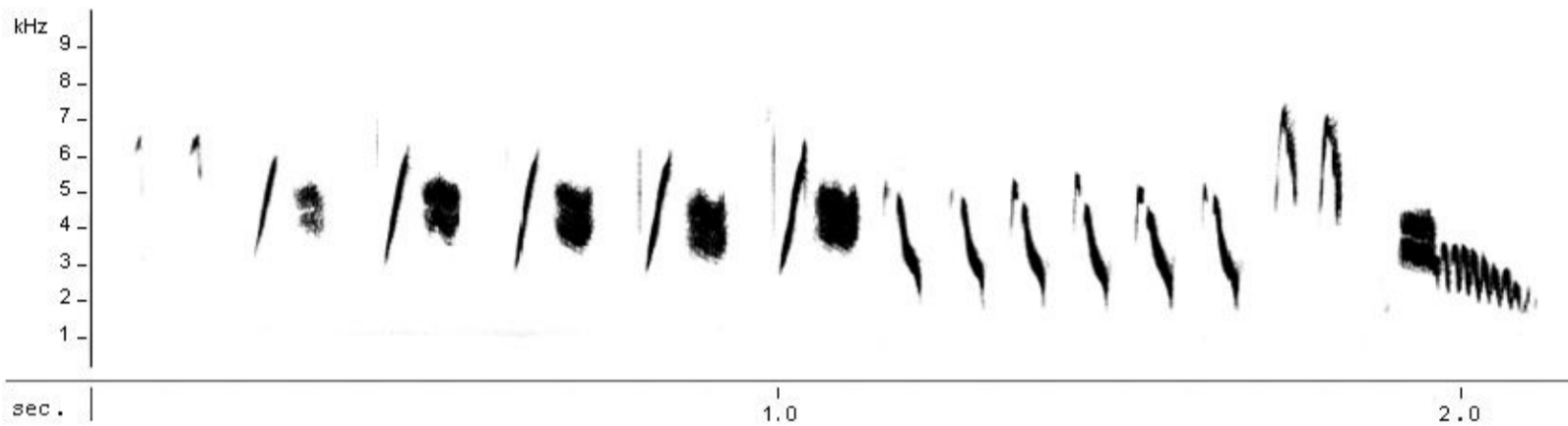
The sonograms of a Chaffinch phrase recorded in the Ardennes (Belgium) in 1971(A), 1980 (B and C) and 2014 (D) show that, in nature, certain phrases can be preserved from generation to generation. In the example illustrated by these sonograms, with the exception of the first motif which has been modified, the phrase is indeed very well preserved after 43 years.

For other examples, see Metzmacher (1995, Fig.5; <http://hdl.handle.net/2268/162713> ; and 2016, Fig.3, 8 , 10, and 11; <http://hdl.handle.net/2268/204048> ).  
For recording sites of Chaffinch song, see Metzmacher (1982, <http://hdl.handle.net/2268/162266> and 2016).

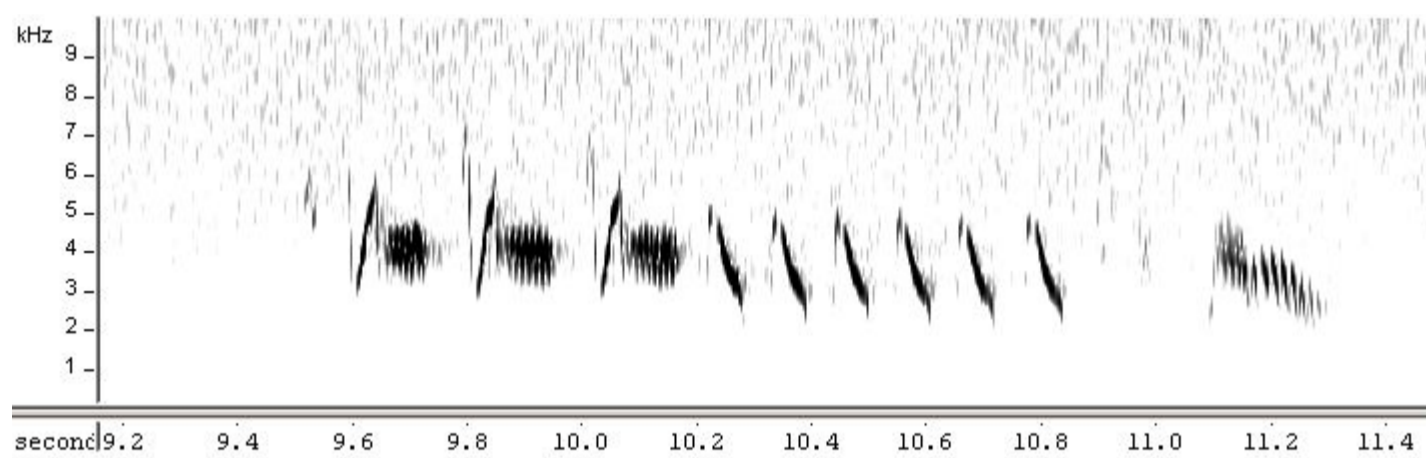
*Les sonogrammes d'une phrase de Pinson des arbres enregistrée en Ardenne (Belgique) en 1971(A), 1980 (B et C) et 2014 (D) montrent que, dans la nature, certaines phrases peuvent se conserver de génération en génération. Dans l'exemple illustré par ces sonogrammes, à l'exception du premier motif qui a été modifié, la phrase est en effet fort bien conservée après 43 ans.*

*Pour d'autres exemples, voir Metzmacher 1995, Fig.5; <http://hdl.handle.net/2268/162713>; et 2016, Fig.3, 8 , 10, et 11; <http://hdl.handle.net/2268/204048> ).  
Quant aux sites d'enregistrement, voir Metzmacher (1982, <http://hdl.handle.net/2268/162266> and 2016).*

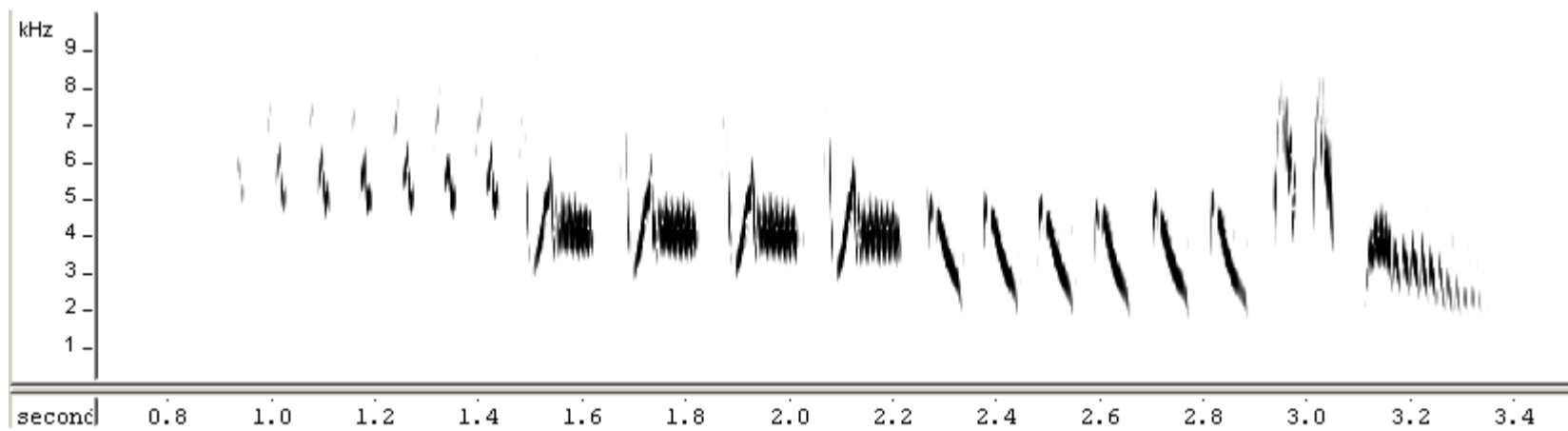
#### ✓ A. In 1971, Botrange



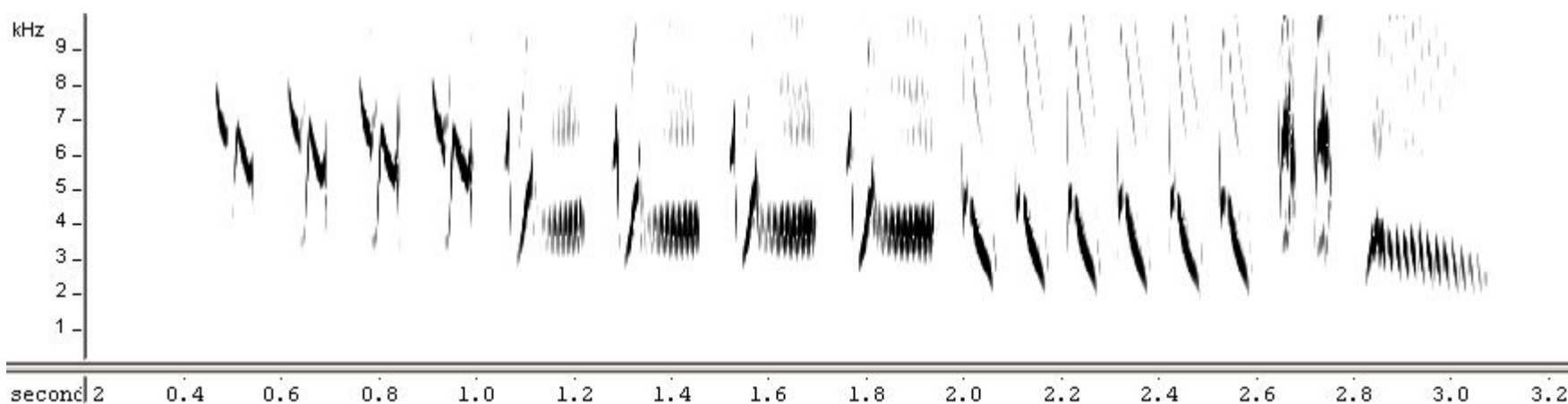
#### ✓ B. In 1980, Botrange



#### ✓ C. In 1980, Hockai (± 6 km from Botrange)



#### ✓ D. In 2014, Malmedy (± 10 km from Botrange)



- Recordings and sonograms : Maxime Metzmacher