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## Modelling Environmental Dynamics and Hominin Dispersals Around the Mid-Pleistocene Revolution (METHOD)

### Workshop 2017-II:

“Keep calm and boldly go”

– Which factors in the environment drive early human expansions and have an impact on their settlements?

Mauer (near Heidelberg, Germany), 24 – 27 April, 2017

Circular

### Organizers:

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# Modelling Environmental Dynamics and Hominin Dispersals Around the Mid-Pleistocene Revolution (METHOD)



## INQUA IFG 1604F

In this workshop we intend to collect, discuss and categorize various hypotheses concerning hominin appearance, disappearance and dispersal around the Mid-Pleistocene Revolution (MPR). The focus of this workshop lies in Western Eurasia, but we include and invite presentations concentrating on other continents also. This workshop plays a crucial role in organizing the diverse hypotheses which are subsequently subject to modelling and are supposed to be tested by comparing the results of different modelling techniques. We intend to identify a set of questions and/or predictions, which should be tested by various modelling approaches. An additional focus in this workshop deals with the question of time and spatio-temporal scaling in the diverse hypotheses.

### Abstract (Deadline: March 31, 2017)

We are inviting presentations and kindly ask you to submit a short **abstract until March 31, 2017** to be included in the abstract volume. Please send your contributions to [info@method-ifg.com](mailto:info@method-ifg.com).

### Presentations

Presentations are warmly welcome. Please prepare your contribution for 30 minutes max. in PowerPoint format. We reserved a lot of time for discussion and work in groups and we intend to keep it. Should you intend to show short movies please make sure to convert them into a Windows compatible format.

### Conference proceedings

We intend to publish conference papers in Quaternary International. Further information about the publication will be distributed in the meeting.

### Preliminary programme

#### Monday, April 24 (at Senckenberg, Frankfurt)

Morning Introduction to the Map Module and ROAD

*Lunch*

Afternoon Entering and Querying Data

Because we have only a limited number of seats at our disposal, we kindly ask you to register in advance! We follow a strict first come, first serve policy.

Participants should bring along a laptop with Wifi connection. Please register with Eduroam. If your institutional affiliation does not permit and/or you do not travel with a laptop, please let us know in advance.



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## INQUA IFG 1604F

### Tuesday, April 25 (Mauer)

Morning	Welcome to Mauer and Introduction to the METHOD IFG Introduction to the topic of the workshop: <i>Hominin appearance, disappearance and dispersal around the Mid-Pleistocene Revolution</i> <i>Lunch</i>
Afternoon	The Mid-Pleistocene Revolution in Africa and Asia Summing up: Hominin presence and/or absence – open questions

### Wednesday, April 26 (Mauer)

Morning	The Mid-Pleistocene Revolution in Europe Summing up: Hominin presence and/or absence – open questions <i>Lunch</i>
Afternoon	Discussion of open questions in separate groups: Individual working groups on various approaches (Archaeology, Modelling, Paleoecology etc.)

### Thursday, April 27 (Mauer)

Morning	Reports on the results of the working groups: <i>Which factors in the environment drive early human expansions and have an impact on their settlements?</i> <i>Lunch</i>
Afternoon	Closing discussion

In frame of the meeting we are arranging for two further events:

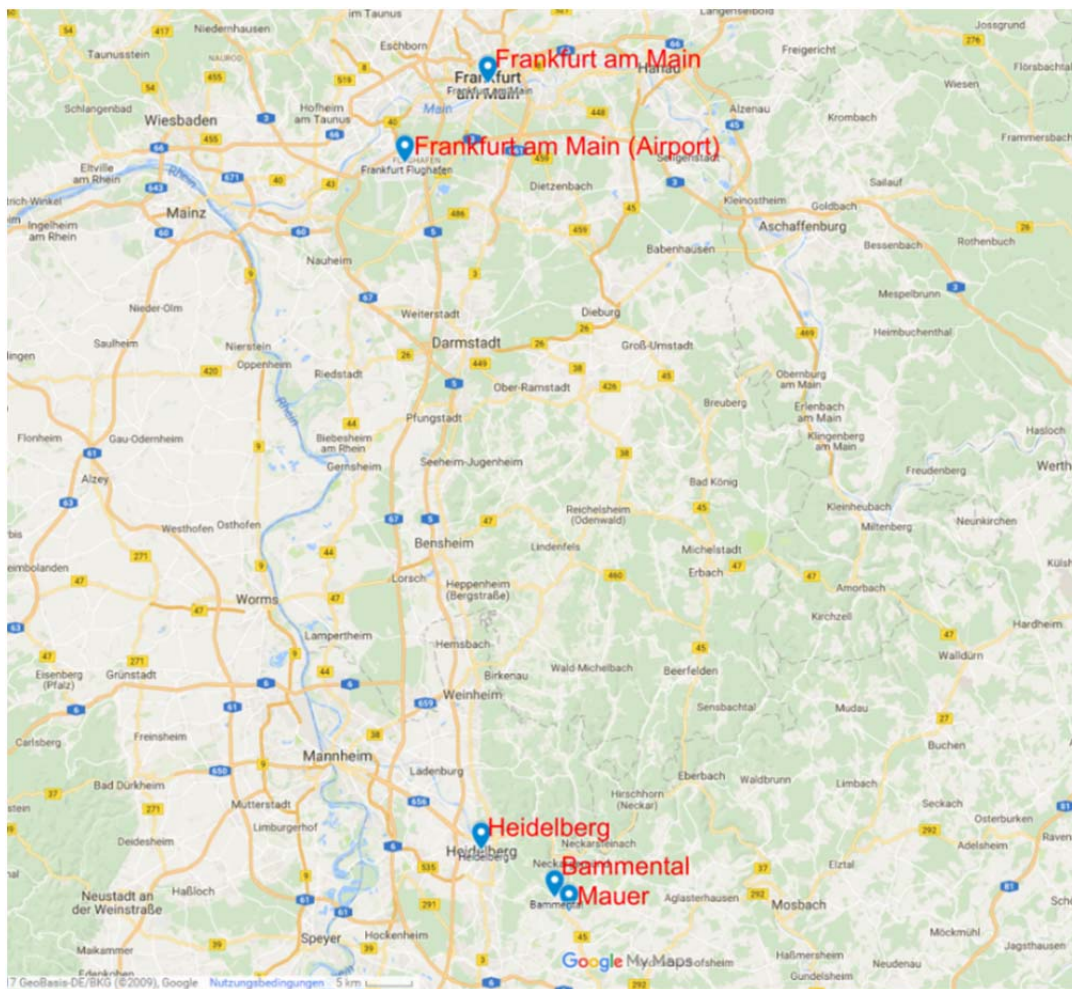
- A meet and greet with our hosts, representatives from Mauer, of the Prehistoric Museum and the “*Homo heidelbergensis* von Mauer” Club
- A guided visit to the Mauer Hominid locality

## INQUA IFG 1604F

### Venue(s)

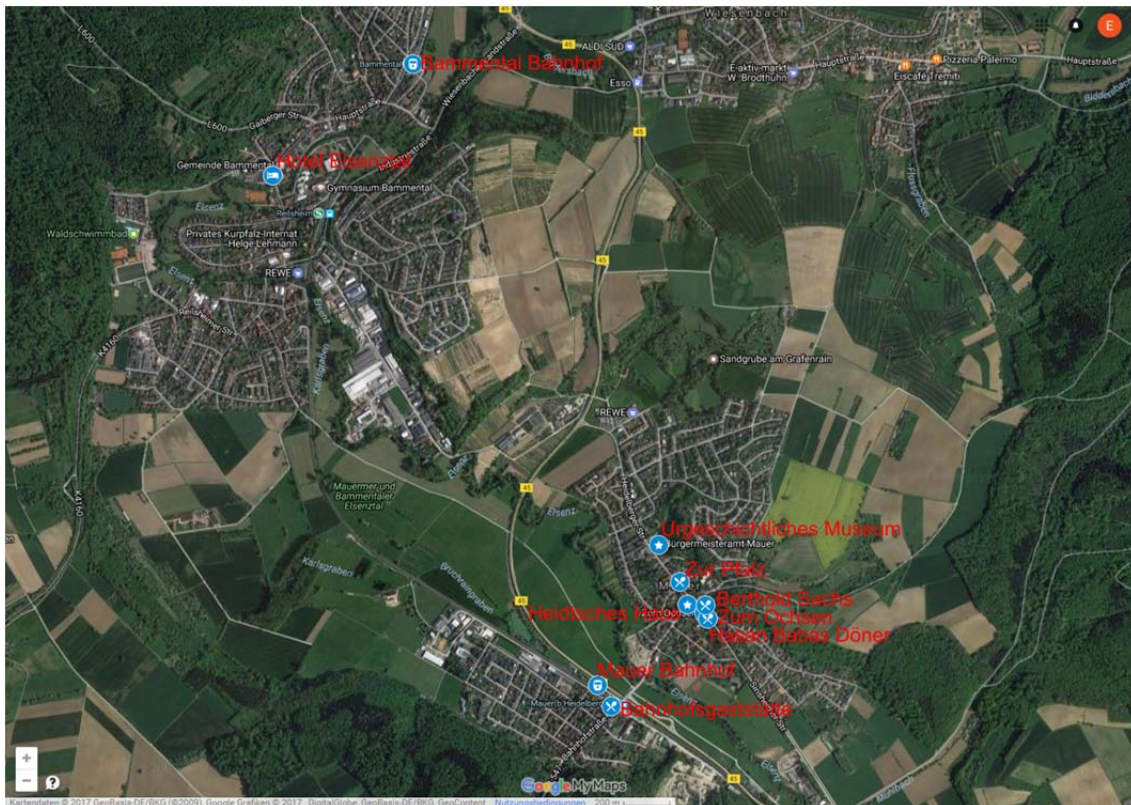
The Database training day (Apr. 24) will be held at Senckenberg, Frankfurt am Main (Senckenberganlage 25, 60325 Frankfurt am Main, subway line U4 – „Bockenheimer Warte”).

The Workshop (Apr. 25-27) takes place in Mauer near Heidelberg.



## INQUA IFG 1604F

The meeting takes place in Mauer at the Heid'sches Haus (Bahnhofsstraße 4, 69256 Mauer, Germany).



We are invited by the “*Homo heidelbergensis* von Mauer” Club  
(<http://www2.homoheidelbergensis.de/index.php>)

and the municipality of Mauer (<http://www.gemeinde-mauer.de/pb/.Lde/34040.html>)



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## INQUA IFG 1604F

### Accommodation

Hotel Krone Post is located next to the location of the meeting (double 70 € single 40 €): <http://krone-post-mauer.de/index.html> - no credit cards accepted!

Hotel Elsenztal is located in Bammental, 4 km away from Mauer (double 60 € single 40 €): <http://www.hotel-elsenztal.de/englisch/indexEN.html>

Guesthouses with lower room rates are available in Heidelberg, 20 km away from Mauer, e.g.

Heidelberg Youth Hostel

(<http://www.jugendherberge.de/en/youth-hostels/heidelberg%20international10/Portrait>)

Pension Jeske Heidelberg

(<http://pension-jeske-heidelberg.de/>)

Lotte Hostel, Backpackers

(<http://www.lotte-heidelberg.de/en/home.html>)

There are frequent train connections linking Heidelberg, Bammental and Mauer (see below).

### Getting around

There are flight connections to Frankfurt International Airport from all major airports. Please make sure to book Frankfurt International and not Frankfurt-Hahn, an airport which is used by many European budget airlines. This airport is further away from Frankfurt than Mauer an der Elsenz and is situated in a completely different direction!

There are frequent train connections between Frankfurt Central Station, Frankfurt Airport (Terminal 1) and Heidelberg. The single ride fare is ca. 20 € depending on train category and travel class. Please book your ticket online here: <https://www.bahn.com/en/view/index.shtml>.

For the day of your arrival and/or departure you may get a direct ticket Frankfurt – Mauer – Frankfurt from the DB-website which includes the regional train fares from Heidelberg onward.

There is a direct train connection linking Heidelberg, Bammental and Mauer, line S5/S51. Line S5 travels regularly every 40 minutes between 5:30 in the morning and 20:30 in the evening, afterwards (until midnight) every hour; see schedule (next page). Tickets are available online (<https://www.vrn.de/tickets/ticketkauf/onlineticket/index.html>) or from ticket machines at the stations (single ride between Heidelberg and Bammental/Mauer 5,60 € single ride between Bammental and Mauer 2,50 €).











Linie unterliegt nicht vollständig dem VRN-Tarif. Bitte beachten Sie den Wabenplan.

Sonn- und Feiertag
Zugnummer 38075 38077 38501
G 1 Mannheim, Hbf ab 23.13 0.09
G 1 Heidelberg, Hbf an 23.30 0.25
Hinweise S51 S51 S5
Heidelberg, Hauptbahnhof ab 0.32
- West/Südstadt 0.34
- Altstadt 0.37
Schlierbach-Ziegelhausen 0.40
Schlierbach, Orthopädische Kl. 0.42
Neckargemünd an 0.46
Neckargemünd ab 0.46
Bammental 0.51
Reilsheim 0.52
Mauer 0.55
Meckesheim an 0.57
Meckesheim ab 23.02 0.02 0.59
Eschelbronn 23.06 0.06
Neidenstein 23.08 0.08
Waibstadt an 23.11 0.11
Waibstadt ab 23.13 0.12
Neckarbischofsheim, Nord 23.15 0.15
Helmstadt 23.18 0.18
Aglasterhausen an 23.23 0.22
Zuzenhausen 1.02
Hoffenheim 1.05
Sinsheim, Hauptbahnhof an 1.08
S 42 Sinsheim, Hauptbahnhof ab 0.10
S 42 Bad Friedrichshall, Hbf an 0.44

ZEICHENERKLÄRUNG: S5 = S5 S51 = S51

Linie unterliegt nicht vollständig dem VRN-Tarif. Bitte beachten Sie den Wabenplan.

Montag - Freitag
Zugnummer 38000 38500 38002 38502 38004 38504 38006 RE 38508 38010 38510 38512 38014 38514 38016 38516 38018 38520 12302 38522
Hinweise S51 S5 S51 S5 S51 S5 S51 RE2 S5 S51 S5 S5 S5 S5 S51 S5 S51 S5 RE2 S5
Eppingen ab 5.31 6.27 6.47 7.31 8.31
Richen 5.35 6.31 6.51 7.35 8.35
Ittlingen 5.38 6.34 6.54 7.38 8.38
Reihen 5.42 6.38 6.58 7.42 8.42
Steinsfurt an 5.44 6.40 7.00 7.44 8.44
Steinsfurt ab 5.45 6.41 7.01 7.45 8.45
Sinsheim, Museum/Arena 5.46 6.42 7.46
- Hauptbahnhof an 5.48 6.44 7.04 7.17 7.48
S 42 Bad Friedrichshall, Hbf ab 4.58 6.06 7.10
S 42 Sinsheim, Hauptbahnhof an 5.33 6.19 6.40 7.45 8.43
- Hauptbahnhof ab 4.49 5.12 5.49 6.20 6.31 6.45 7.10 7.17 7.49 8.15 8.44 8.49
Hoffenheim 4.52 5.15 5.52 6.34 6.48 7.20 7.52 8.19 8.52
Zuzenhausen 4.55 5.18 5.55 6.37 6.51 7.23 7.55 8.22 8.55
Aglasterhausen ab 4.56 5.32 6.02 6.32 7.02 7.32 8.02
Helmstadt 4.59 5.35 6.05 6.35 7.05 7.35 8.05
Neckarbischofsheim, Nord 5.02 5.38 6.08 6.38 7.08 7.38 8.08
Waibstadt an 5.04 5.40 6.10 6.40 7.10 7.40 8.10
Waibstadt ab 4.42 5.08 5.43 6.13 6.42 7.13 7.43 8.13
Neidenstein 4.45 5.11 5.46 6.16 6.45 7.16 7.46 8.16
Eschelbronn 4.47 5.13 5.48 6.18 6.47 7.18 7.48 8.18
Meckesheim an 4.52 5.17 5.21 5.53 5.58 6.23 6.28 6.40 6.52 6.55 7.17 7.23 7.53 7.58 8.23 8.26 8.50 8.58
Meckesheim ab 4.59 5.22 5.22 6.02 6.05 6.29 6.41 6.58 6.58 7.18 7.30 7.30 8.01 8.01 8.29 8.29 8.51 8.59
Mauer 5.02 5.24 6.02 6.44 7.01 7.01 7.33 7.33 8.04 8.04 8.32 8.32 9.02
Reilsheim 5.05 5.27 6.04 6.46 7.03 7.03 7.35 7.35 8.06 8.06 8.34 8.34 9.04
Bammental 5.06 5.28 6.06 6.48 7.05 7.05 7.37 7.37 8.08 8.08 8.36 8.36 9.06
Neckargemünd an 5.10 5.32 6.10 6.52 7.09 7.09 7.25 7.41 7.41 8.12 8.12 8.40 8.40 9.10
Neckargemünd ab 5.11 5.33 6.11 6.53 7.10 7.10 7.26 7.42 7.42 8.13 8.13 8.41 8.41 9.11
Schlierbach, Orthopädische Kl. 5.14 5.36 6.14 6.56 7.13 7.13 7.45 7.45 8.16 8.16 8.44 8.44 9.14
Schlierbach-Ziegelhausen 5.16 5.38 6.16 6.58 7.15 7.15 7.47 7.47 8.18 8.18 8.46 8.46 9.16
Heidelberg-Altstadt 5.19 5.41 6.19 7.01 7.18 7.18 7.50 7.50 8.21 8.21 8.50 8.50 9.19
- West/Südstadt 5.22 5.44 6.22 7.05 7.21 7.21 7.53 7.53 8.24 8.24 8.53 8.53 9.22
- Hauptbahnhof an 5.26 5.46 6.24 6.48 7.09 7.23 7.37 7.56 8.28 8.28 8.56 8.56 9.09 9.26
G 1 Heidelberg, Hbf ab 5.35 5.53 6.30 7.03 7.13 7.31 7.42 8.04 8.33 9.03 9.13 9.33
G 1 Mannheim, Hbf an 5.51 6.06 6.50 7.19 7.30 7.46 8.01 8.19 8.51 9.20 9.29 9.51

ZEICHENERKLÄRUNG: RE2 = RE2 S5 = S5 S51 = S51 - = Weiterfahrt im selben Fahrzeug möglich







Linie unterliegt nicht vollständig dem VRN-Tarif. Bitte beachten Sie den Wabplan.

		Sonn- und Feiertag																				
Zugattung	Zugnummer	S	S	S	S	RE	S	S	S	S	RE	S	S	S	RE	S	S	S				
Hinweise		38046	38546	38052	38526	12320	38056	38556	38062	38562	12322	38066	38566	38070	38578	12314	38074	38572	38076	38574	38078	
Eppingen	ab		14.31		15.31		16.31		17.41			18.31		19.31			20.31		21.31			
Richen			14.35		15.35		16.35		17.45			18.35		19.35			20.35		21.35			
Ittlingen			14.38		15.38		16.38		17.48			18.38		19.38			20.38		21.38			
Reihen			14.42		15.42		16.42		17.52			18.42		19.42			20.42		21.42			
Steinsfurt	an		14.44		15.44		16.44		17.54			18.44		19.44			20.44		21.44			
Steinsfurt	ab		14.45		15.45		16.45		17.55			18.45		19.45			20.45		21.45			
Sinsheim, Museum/Arena			14.46		15.46		16.46		17.56			18.46		19.46			20.46		21.46			
- Hauptbahnhof	an		14.48		15.48		16.48		17.58			18.48		19.48			20.48		21.48			
S 42 Bad Friedrichshall, Hbf	ab		14.18		15.12		16.18		17.12			18.18		19.12			20.18		20.51			
S 42 Sinsheim, Hauptbahnhof	an		14.43		15.45		16.43		17.45			18.43		19.45			20.43		21.30			
- Hauptbahnhof	ab		14.49		15.49	16.44	16.49		17.59	18.44		18.49		19.49	20.44		20.49		21.49			
Hoffenheim			14.52		15.52		16.52		18.06			18.52		19.52			20.52		21.52			
Zuzenhausen			14.55		15.55		16.55		18.09			18.55		19.55			20.55		21.55			
Aglasterhausen	ab	14.32		15.32		16.32		17.32			18.32		19.32			20.32		21.32		22.32		
Helmstadt		14.35		15.35		16.35		17.35			18.35		19.35			20.35		21.35		22.35		
Neckarbischofsheim, Nord		14.38		15.38		16.38		17.38			18.38		19.38			20.38		21.38		22.38		
Waibstadt	an	14.40		15.40		16.40		17.40			18.40		19.40			20.40		21.40		22.40		
Waibstadt	ab	14.43		15.43		16.43		17.43			18.43		19.43			20.43		21.43		22.43		
Neidenstein		14.46		15.46		16.46		17.46			18.46		19.46			20.46		21.46		22.46		
Eschelbronn		14.48		15.48		16.48		17.48			18.48		19.48			20.48		21.48		22.48		
Meckesheim	an	14.53	14.58	15.58	16.50	16.53	16.58	17.53	18.12	18.50	18.53	18.58	19.53	19.58	20.50	20.53	20.58	21.53	21.58	22.53		
Meckesheim	ab	14.59	15.53	16.51	16.53	16.59	17.02	18.13	18.51	18.59	19.02	19.59	20.51	20.59	20.51	20.53	20.59	21.59	21.59	22.53		
Mauer		15.02		16.02		17.02		18.16			19.02		20.02			21.02		22.02				
Reilsheim		15.04		16.04		17.04		18.18			19.04		20.04			21.04		22.04				
Bammental		15.06		16.06		17.06		18.20			19.06		20.06			21.06		22.06				
Neckargemünd	an	15.10		16.10		17.10		18.24			19.10		20.10			21.10		22.10				
Neckargemünd	ab	15.11		16.11		17.11		18.25			19.11		20.11			21.11		22.11				
Schlierbach, Orthopädische Kl.		15.14		16.14		17.14					19.14		20.14			21.14		22.14				
Schlierbach-Ziegelhausen		15.16		16.16		17.16					19.16		20.16			21.16		22.16				
Heidelberg-Altstadt		15.19		16.19		17.19		18.31			19.19		20.19			21.19		22.19				
- West/Südstadt		15.22		16.22		17.22		18.34			19.22		20.22			21.22		22.22				
- Hauptbahnhof	an	15.26		16.26	17.09	17.26		18.37	19.09		19.26		20.26	21.09		21.26		22.26				
G 1 Heidelberg, Hbf	ab	15.33		16.33	17.13	17.33		18.43	19.13		19.33		20.33	21.14		21.44		22.44				
G 1 Mannheim, Hbf	an	15.49		16.50	17.29	17.51		19.01	19.29		19.51		20.51	21.30		22.00		23.00				

		Sonn- und Feiertag																				
Zugattung	Zugnummer	S	S	S																		
Hinweise		38576	38072	38580																		
Eppingen	ab	22.31		23.51																		
Richen		22.35		23.55																		
Ittlingen		22.38		23.58																		
Reihen		22.42		0.02																		
Steinsfurt	an	22.45		0.04																		
Steinsfurt	ab	22.45		0.05																		
Sinsheim, Museum/Arena		22.47		0.06																		
- Hauptbahnhof	an	22.49		0.09																		
S 42 Bad Friedrichshall, Hbf	ab	22.18																				
S 42 Sinsheim, Hauptbahnhof	an	22.45																				
- Hauptbahnhof	ab	22.49																				
Hoffenheim		22.52																				
Zuzenhausen		22.55																				
Aglasterhausen	ab		23.32																			
Helmstadt			23.35																			
Neckarbischofsheim, Nord			23.38																			
Waibstadt	an		23.40																			
Meckesheim	an	22.58																				
Meckesheim	ab	22.59																				
Mauer		23.02																				
Reilsheim		23.04																				
Bammental		23.06																				
Neckargemünd	an	23.10																				
Neckargemünd	ab	23.11																				
Schlierbach, Orthopädische Kl.		23.14																				
Schlierbach-Ziegelhausen		23.16																				
Heidelberg-Altstadt		23.19																				
- West/Südstadt		23.22																				
- Hauptbahnhof	an	23.26																				
G 1 Heidelberg, Hbf	ab	23.44																				
G 1 Mannheim, Hbf	an	0.00																				

ZEICHENERKLÄRUNG: RE = RE2 S = S5 S1 = S51



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**INQUA IFG 1604F**

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THE ROLE  
OF CULTURE  
IN EARLY  
EXPANSIONS  
OF HUMANS

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