

When and Where was the First Wheel Used?

As you read this section of the article, fill in the table below. When you're done, summarize the disagreement, who is most convincing and why.

Historian	Where? When?	Evidence for Where, When	Wheel Used for?	Evidence for uses	Conclusion
Bulliet					
Piggott					
Potts					
Anthony					

Summary:

What Were the First Wheels Like?

As you read this section of the article, fill in the table below. When you're done, summarize the disagreement, who is most convincing and why.

Historian	Wheelsets? (Yes or no)	Logrollers (Yes or no)	Evidence	Conclusions
Bulliet				
Potts				
Anthony				

Summary:

Why Weren't Wheels Used in the Americas Before Columbus?

As you read this section of the article, fill in the table below. When you're done, summarize the disagreement, who is most convincing and why.

Historian	Evidence	Explanation
Bulliet		
Anthony		
Diamond		

Summary:

Did the Use of the Wheel Spread Rapidly?

As you read this section of the article, fill in the table below. When you're done, summarize the disagreement, who is most convincing and why.

Historian	Yes or No?	Where?	Evidence	Conclusions
Anthony				
Piggott				
Bulliet				
Potts				
Friedl				

Summary:

When and Where was the First Wheel Used?

As you read this section of the article, fill in the table below. When you're done, summarize the disagreement, who is most convincing and why.

Historian	Where? When?	Evidence for Where, When	Wheel Used for?	Evidence for uses	Conclusion
Bulliet	Eastern Europe 3950-3650 BCE	wheels and models of wheeled vehicles in Carpathian Mountains; Southern Germany, Ljubljana Carbon-14 dating	mining carts	gravesites include very little metal	Small amount of metal suggests development of better technology to extract metal; can't tell how animals may have been hitched to cart
Piggott	Mesopotamia 2900 BCE	Sumerian city of Uruk pictograms on clay tablets			
Potts	Eastern Europe 3950-350 BCE	[does not say]	not mining carts	gravesites include very little metal	Small amount of metal suggests less mining, so it's unlikely wheels would be used for mining carts; Small mine cart might have been used
Anthony	Eastern Europe/Carpathians	wooden wheels; wheel tracks; image of wheeled wagon on ceramic Carbon-14 dating	not mining carts		Possibility of multiple origins No tunnel mines where cart "makes sense"

Summary:

What Were the First Wheels Like?

As you read this section of the article, fill in the table below. When you're done, summarize the disagreement, who is most convincing and why.

Historian	Wheelsets? (Yes or no)	Logrollers (Yes or no)	Evidence	Conclusions
Bulliet	yes	no		
Potts	no		ceramic wagon models have opening for axles	
Anthony	yes and no	possibly no	ceramic wagon models have opening for axles circular hubs found in all preserved wooden wheels at early time period	Wheels on fixed axle were more suitable for 4-wheeled wagon Freely revolving wheels easier to turn Both types used

Summary:

Why Weren't Wheels Used in the Americas Before Columbus?

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Historian	Evidence	Explanation
Bulliet	no evidence of wheels	Lack of large animals is not a good reason, because in other places, people pulled carts Also, even when horses became available, they didn't use wagons
Anthony	no evidence of wheels	lack of large animals suitable for domestication Also, even when horses became available, they were used to ride or as pack animals, not to pull wagons
Diamond	no evidence of wheels	lack of large animals suitable for domestication

Summary:

Did the Use of the Wheel Spread Rapidly?

As you read this section of the article, fill in the table below. When you're done, summarize the disagreement, who is most convincing and why.

Historian(s)	Yes or No?	Where?	Evidence	Conclusions
Anthony	yes	Europe and Middle East Italy in Roman era	good roads; manuscripts, tapestries, paintings or wagons	wheels useful where roads are good
Piggott	yes	Europe and Middle East		
Bulliet	no	Mesopotamia, Egypt	few roads, few rutted roads	wheel did not spread rapidly and transform society
Potts	no	Persia	writing from royalty and correspondence	long gap between use in chariots and use for travel
Friedl	no	Europe, North America	poor roads	

Summary: