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# 下川遗址船形细石核研究\*

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摘要:

2014~2017

35°26'23"N 112°01'17"E

2691

2.8~2.3

72

35

3

关键词:

中图分类号: K871.11 K876.2

文献标识码: A

## 0 引言

1

2

2014~2017

2015

2691

72

2018-04-18

2018-08-19

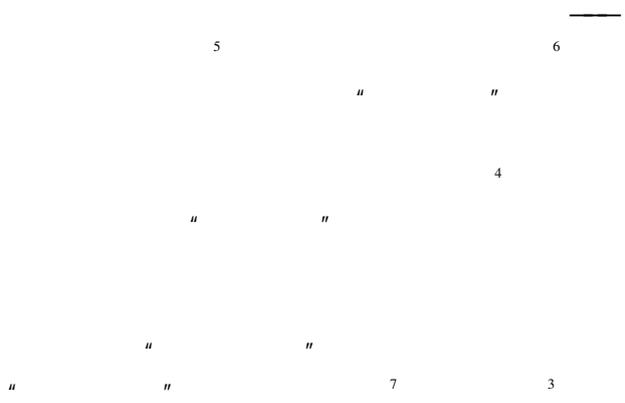
\*

41372169

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核体：

台面：

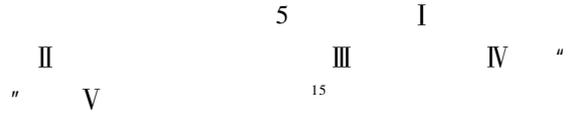
工作面：

核底：

3

## 2 下川遗址船形石核

1976~1977



“ ” 8-10

4 11-12

1

2014~2017

“ ”  
2

15 mm

3

2015

“ ”

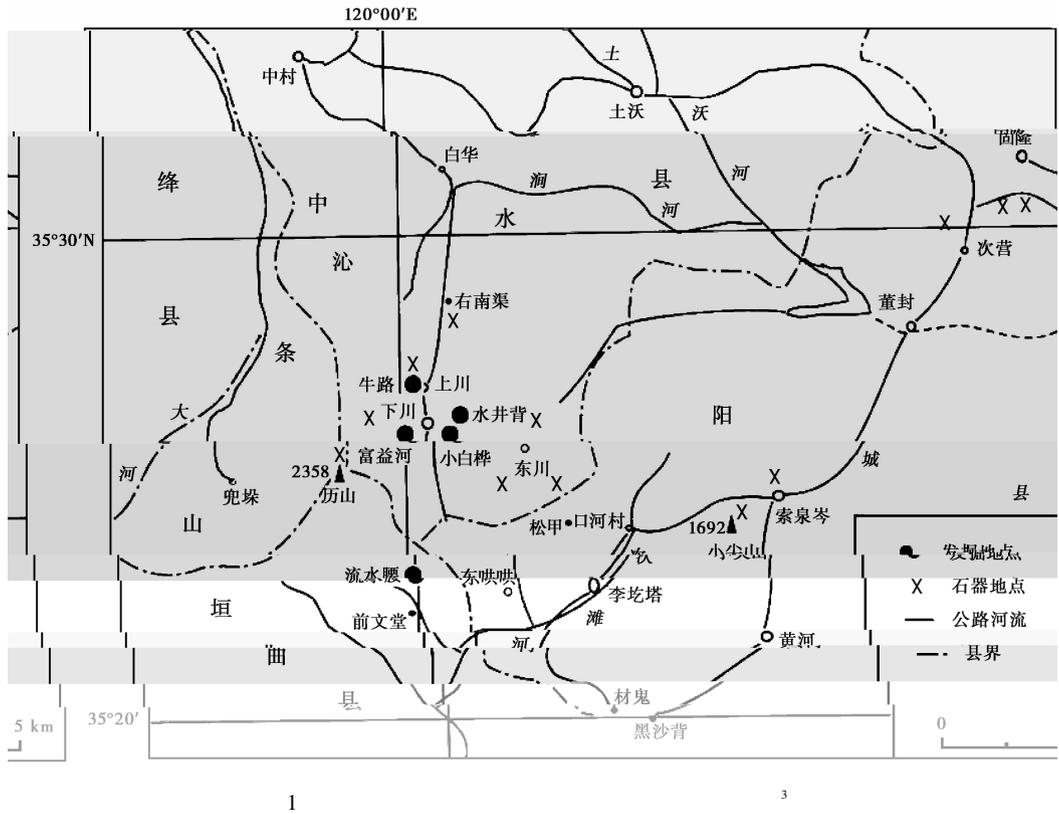


Fig. 1 The Paleolithic locations of Xiachuan site modified from Wang et al. <sup>3</sup>

2.1.1 平底型船形石核

8 3 5 14.01 mm 21.47 mm 16.62 mm  
6.13 g 2-2  
QX15T3 2②D5a 87

4  
10.73 mm 16.54 mm 30.66 mm 6.52 g  
2-3

2.1.2 线底型船形石核

20 16  
1 4

QX15-T2 1①D1c 41<sup>1</sup>

4 5  
10.34 mm 30.38 mm

15.37 mm 5.81 g 2-1  
QX15-T2 1③D4a 53

I II  
I 13 12  
1

11

1 "QX15" 20 15 "T2" 2 "1①" 1 1 "D1c"  
1 "41"

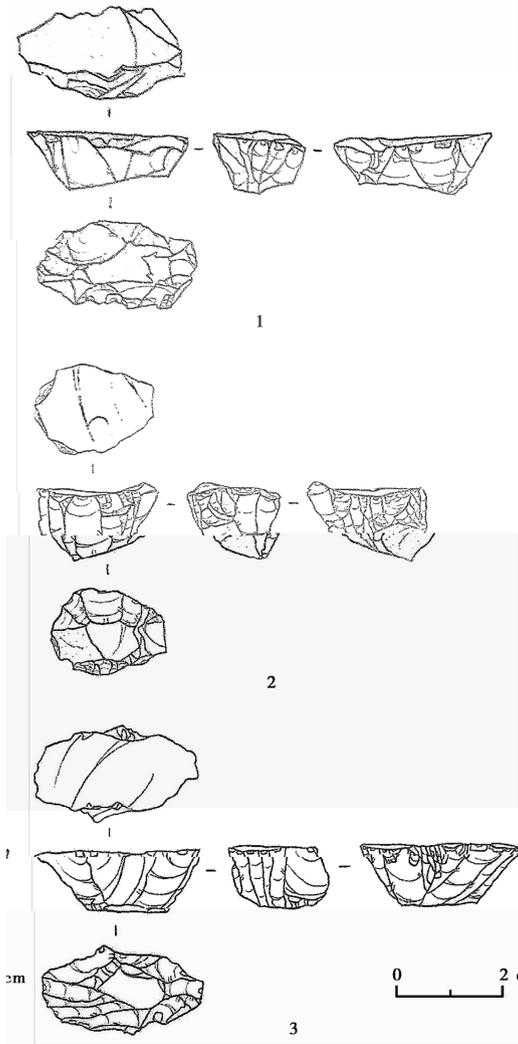


Fig. 2 Flat bottom boat-shaped core

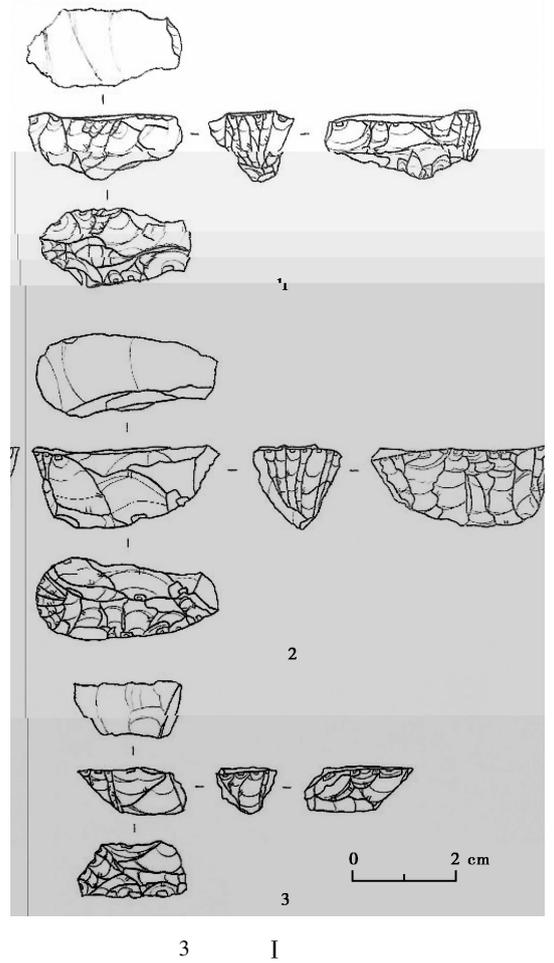


Fig. 3 Line bottom type I boat-shaped core

15.37 mm      34.73 mm      15.51 mm      8.86 g

3-2

QX15-T3 1②A1c 6

4

2

8.81 mm

17.37 mm

10.09 mm

2.19 g

3-3

3

QX15-T2 1①A-1c 37

3

4

3

2

11.85 mm

29.86 mm

15.03 mm

5.18 g

3-1

QX15-T2 1②B-1a 49

II

6

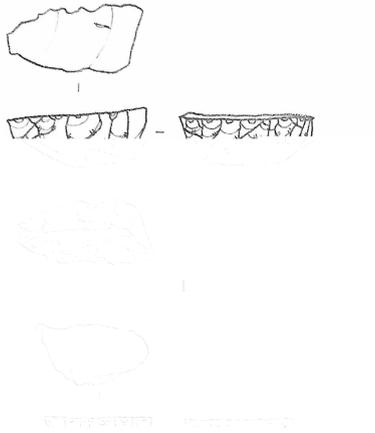
3

5

3

I

I



5

QX15T3 1②D1a 2

10

11.70 mm

12.62 mm

10.44 mm

1.62 g

5-1

QX15T2 1②A4d 44

6

7.49 mm

16.04 mm

12.14 mm

1.7 g

5-2

4 II

Fig. 4 Line bottom type II boat-shaped core

4

QX15-T2 1③B4a 14

1

9.09 mm

22.66 mm

10.29 mm

2.75 g

4-1

QX15T2 2①A-3d 19

8

9.05 mm

16.64 mm

10.3 mm

1.94 g

4-2

QX15T2 3③C-3b 34

13

15.03 mm

13.92 mm

21.99 mm

4.15 g

4-3

2.1.3 点状型船形石核

6

4

2

5



4-2

21

22

22

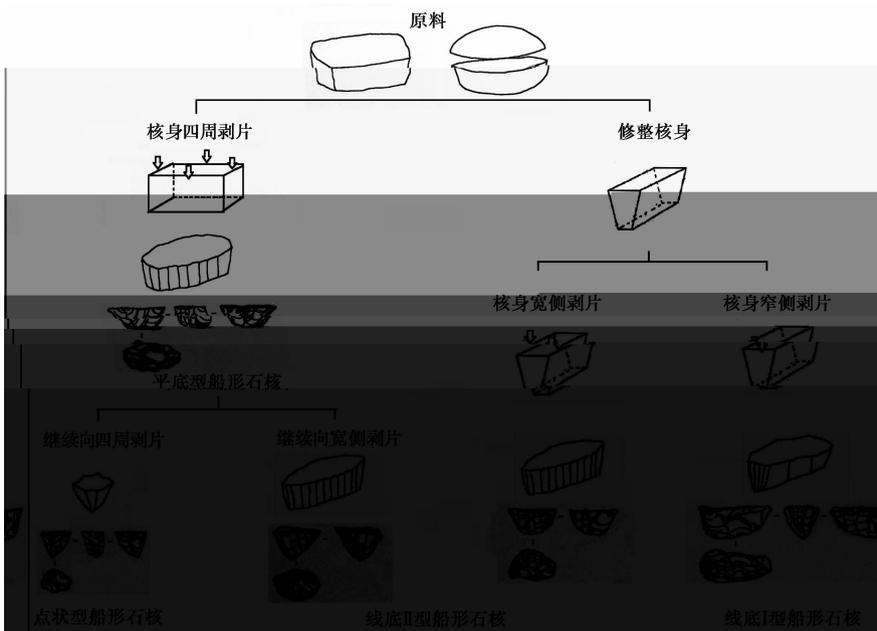


Fig. 6 The technological process of boat-shaped core

14

23

24

Ust-Karakol 1 11 ~ 9  
35100 ~ 29700

25

7



7 26  
 Fig. 7 Microblade core from Ust-Karakol 1 site  
 modified from reference 26

表 2 下川及周边相关细石器遗址细石核类型及年代  
 Table 2 Dating and types of microblade cores  
 of Xiachuan and other related sites

|     | cal. B.P.     |    |
|-----|---------------|----|
|     | 28000 ~ 23000 | *  |
|     | 17000         | *  |
| 迪   | 26000 ~ 21000 | 27 |
| S14 | 23000 ~ 17000 | 20 |
| S1  | 16000 ~ 1000  | 20 |
| S9  | 13000 ~ 9000  | 20 |
|     | 13500         | 21 |
|     | 13402 ± 406   | 22 |
| 淳   | LUP           | 30 |
|     | LUP           | 12 |
|     | 12000 ~ 10000 | 11 |
|     | 10300 ~ 10500 | 29 |

迪<sup>27</sup>

28

11

21

22

\*

ü

y

29

30

12

致谢：2014~2017

9000

S9

20

2.8~2.3

1.7

参考文献 (References) :

1

2

## 4 结论

2014~2017

1

3

2

3

II

3

35100 ~ 29700

25

4

2014~2017

2.8~2.3

1.7

- Pang Zhenhao. Summary of microlithic culture in Shandong Province J. *Huaxia Archaeology* 2000 2 65-73+102.
- 11 . J . 1995 14 3 206-218.
- Liu Jingzhi Wang Taiming Jia Wenliang et al. Microlithic remains from Yushe County Shanxi Province J. *Acta Anthropologica Sinica* 1995 14 3 206-218.
- 12 . J . 2000 2 15-25.
- Xie Fei. Distribution of late Paleolithic remains in Hebei Province and its position in horseshoe distribution zone in North China J. *Cultural Relic Spring and Autumn* 2000 2 15-25.
- 13 . J . 1983 4 331-341.
- Chen Chun. Preliminary exploration of the typology and technology of microcore in China—Also of the culture relationship between Northeast Asia and Northwestern North America J. *Acta Anthropologica Sinica* 1983 4 331-341.
- 14 . J . 1991 1 1-11.
- Wang Jian Wang Yiren. Study on the forms of microcores from Xiachuan sites J. *Acta Anthropologica Sinica* 1991 1 1-11.
- 15 . M . 2016 59-65.
- Institute of Archaeology Chinese Academy of Social Sciences Shanxi Provincial Institute of Archaeology. Xiachuan—Report on the excavation of Late Paleolithic Culture Site M. Beijing Science Press 2016 59-65.
- 16 . M . 2017 17-20.
- Li Yinghua. Lithic Technological Analysis Theory and Practice M. Beijing Social Sciences Academic Press 2017 17-20.
- 17 . J . 2006 25 2 129-142.
- Zhu Zhiyong Gao Xing. A study of wedge-shaped cores from Hutouliang site J. *Acta Anthropologica Sinica* 2006 25 2 129-142.
- 18 . 12 " " J . 2015 2 105-120.
- Yi Mingjie Pei Shuwen Chen Fuyou et al. A chaîne opératoire study of wedge-shaped cores from Shuidonggou Locality 12 J. *Research of China's Frontier Archaeology* 2015 2 105-120.
- 19 . J . 2017 37 4 754-764. Šb s ii
- Ma Dongdong Pei Shuwen. Review and discussion on the stone technology and cognitive behavior of early hominids in the early Pleistocene of Quaternary Sciences 2017 37 4 876-764.
- 20 . J . 2016 1 6-13.
- Ren Haiyun. A comprehensive study on wedge-shaped microcores excavated at Shizitan site J. *Journal of National Museum of China* 2016 1 6-13.
- 21 . J . 1983 2 162-171.
- Wang Xiangqian Ding Jianping Tao Fuhai. Microliths from

