| | |
|---|---|
| Source: | China |
| Author: | DU Meng, Li Zhen, TAO Yang |
| Title: | UNC Proposal from National Library of China（中国国家图书馆） and NanJing XiaoZhuang University（南京晓庄学院） |
| Meeting: | IRG #65, On Line |
| Status: | Member's submission |
| Actions required: | To be considered by IRG |
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| Medium: | Electronic |
| Page: | 7 |
| Appendix: | Attributes |

## 1. Introduction

When revising the collection catalog, the National Library of China found that the old version of the catalog used ▬ or [XX] to identify unencoded characters. After cleaning up ▬ or [XX] by using UCS, several characters were still found to be unencoded characters. In order to achieve the comprehensive digitization of machine reading catalog in the National Library of China, the unencoded characters in the catalog are now submitted to IRG as urgently needed characters, which will be encoded and used to update the collection catalog.

Table 1 Chinese Names of urgent needed characters of GGT

| Glyph | G-source | RS | kMandarin | FS | TS | T/S | Var. | PUA |
|---|---|---|---|---|---|---|---|---|
| 護 | GGT-00001 | 1.17 | hù | 4 | 20 | 0 | — | A0028 |
| 蠡 | GGT-00002 | 97.21 | lì | 5 | 26 | 0 | U+3F16 㼖<br>U+74E5 瓥<br>U+24B24 瓥 | A0029 |

Mr. Tao Xingzhi is the founder of Nanjing Xiaozhuang University (established in 1927). He is not only the founder of this school, but also a pioneer of modern education and ideological revolution in China, and an outstanding representative of the ideological transformation in modern China. The educational philosophy proposed by Tao Xingzhi is the integration of knowledge and action. He is also a staunch practitioner of this philosophy and has changed his name three times as a result. Tao Gan is his fourth name.

Mr. Tao Xingzhi's birth name was "Tao Wenjun(陶文濬)", which he later changed to "Tao Zhixing"

at the beginning of his research career. This new name conveyed the idea that once knowledge is gained, it should be actively put into practice. Subsequently, he changed his name again from "Tao Zhixing(陶知行)" to "Tao Xingzhi(陶行知)," emphasizing that practice is the foundation of knowledge, and knowledge is the culmination of practice. This is the name by which he is most commonly and famously known. Finally, he altered his name from "Tao Xingzhi(陶行知)" to "Tao Gan(衙 gàn)," which merges the concepts of "knowledge(知)" and "action(行)," signifying that the essence of the relationship between theory and practice can be succinctly summarized as "engage(干)." This name is used for his later works and manuscripts.

In 2025, the Chinese Tao Xingzhi Research Association will celebrate its 40th anniversary, and in 2026, it will mark the 80th anniversary of Mr. Tao Xingzhi's passing. The relevant parties urgently hope to encode this character and promote its digital application.

Table 2 Chinese Names of urgent needed characters of GXM

| Glyph | G-source | RS | kMandarin | FS | TS | T/S | Var. | PUA |
|---|---|---|---|---|---|---|---|---|
| 衙 | GXM-00519 | 144.8 | gàn | 3 | 14 | 0 | U+5E72 干 U+5E79 幹 | A002A |

This China urgently-needed character submission consists of the following documents:

| IRGN2 | A: | This document |
|---|---|---|
| IRGN2 | B: | Proposal summary form to accompany submissions |
| IRGN2 | C: | Appendix 1: An Excel spreadsheet with character attributes |
| IRGN2 | D: | Appendix 2: A zip archive of glyphs' bitmaps |
| IRGN2 | E: | Appendix 3: A font containing glyphs for all the characters |
| IRGN2 | F: | Appendix 4: The evidences of Tao Gan |

## 2. Proposed Characters

Table 3 Thirteen Proposed Characters as UNCs

| G-Source Code | GGT-00001 | GGT-00002 | GXM-00519 |
|---|---|---|---|
| PUA | U+A0028 | U+A0029 | U+A002A |
| Glyph | 護 | 蠭瓜 | 衙 |
| IDS | ⿱山護 U+2FF1,U+5C71,U+8B22 | ⿰蠭瓜 U+2FF0,U+8821,U+74DC | ⿲彳⿱矢口于 U+2FF2,U+5F73,U+2FF1, U+77E2,U+53E3,U+4E8D |
| Radical | 46 | 97 | 144 |
| Radical Form | 山 | 瓜 | 行 |
| Strokes | 17 | 21 | 8 |
| Total | 20 | 26 | 14 |

| Strokes | | | |
|---|---|---|---|
| First Stroke | 4 | 5 | 3 |
| KX Index | 0323.171 | 0747.342 | 1110.231 |
| Putonghua Pronunciation | hù | lì | gàn |
| Cantonese Pronunciation | wu6 | lai5 | gon1 |
| T/S | 0 | 0 | 0 |
| Simplified Form | N\A | N\A | N\A |

3. Unicode Properties

```
;CJK UNIFIED IDEOGRAPH- ;Lo;0;L;;;;;N;;;;;
;CJK UNIFIED IDEOGRAPH- ;Lo;0;L;;;;;N;;;;;
;CJK UNIFIED IDEOGRAPH- ;Lo;0;L;;;;;N;;;;;
```

Other properties are the same as for other CJK Unified Ideographs.

4. Evidences

Fig. 1 ▯山護

Fig. 1.1 The Collection Catalog Page of the National Library of China：

| 头标区 | 00708nam0 2200277 450 |
|---|---|
| ID 号 | 312001174801 |
| 通用数据 | 20011126d1886 km y0chiy50 ea |
| 题名与责任 | ● ▬峪子 [普通古籍] /（清）▬峪子撰 |
| 版本项 | 刻本 |
| 出版项 | ●, 清光緒12年[1886] |
| 载体形态项 | 1册 |
| 语言 | chi |
| 相关附注 | 9行21字黑口四周雙邊單魚尾 |
| 系统外字符 | ▬=[山（上）言隻]（音未詳） |
| 著者 | ● ▬峪子 清 撰 |
| 索书号 | ●/ 38058 |
| | |
| 馆藏 | 古籍馆普通古籍阅览室 🛈 |

Fig. 1.2 《▯山護峪子》（清）▯山護峪子, 清光緒十二年（1886）刻本
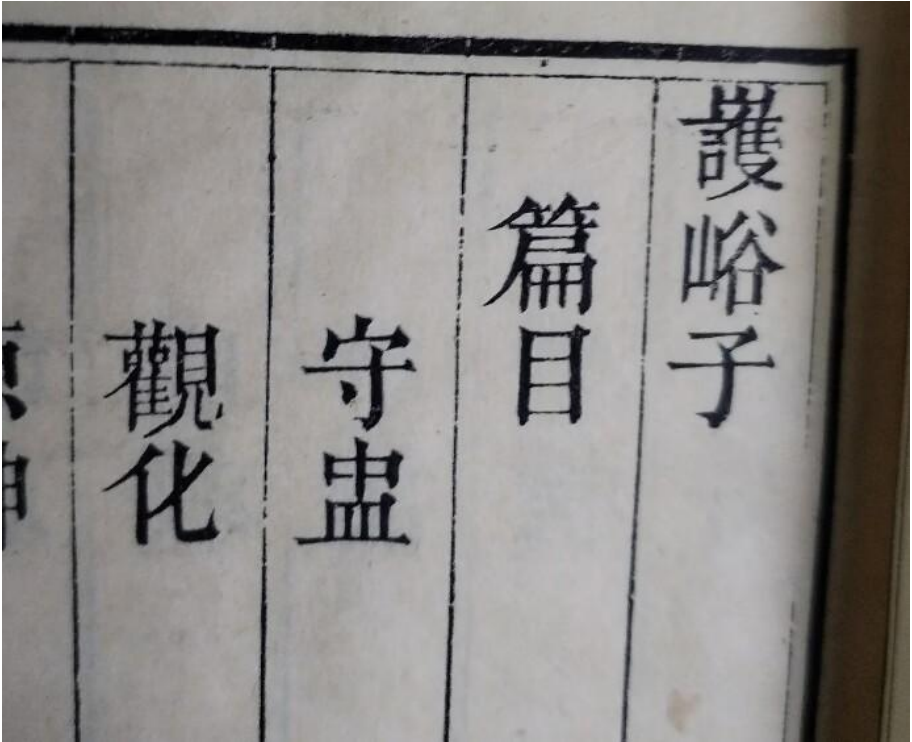
Fig.2 ▢蠡瓜

Fig.2.1 The Collection Catalog Page of the National Library of China：

| 头标区 | 00798nam0 2200313 450 |
|---|---|
| ID 号 | 312002054955 |
| 通用数据 | 20020914d1924 km y0chiy50 ea |
| 题名与责任 | ▢〓庵續集 [普通古籍] : 八卷 / 曾廉撰 |
| 版本项 | 刻本 |
| 出版项 | ▢, 民國13年[1924] |
| 载体形态项 | 5冊（13-17）: 像 |
| 语言 | chi |
| 相关附注 | 13行22字白口四周雙邊單魚尾 |
| | 有朱筆圈點 |
| 系统外字符 | 〓=[蠡瓜]（音li） |
| 著者 | ▢曾廉 撰 |
| | |
| 馆藏 | 古籍馆普通古籍阅览室 ℹ️ |

Fig.2.2《中国古籍总目·史部》，傅璇琮主编，中华书局，2009 版

史 20913100
▢菴日記一卷（清光緒二十三年）　清
　曾廉撰
稿本　湖南

Fig.2.3《▢蠡瓜菴集》，（清）曾廉著，清宣統三年(1911）曾氏會輔堂刻本
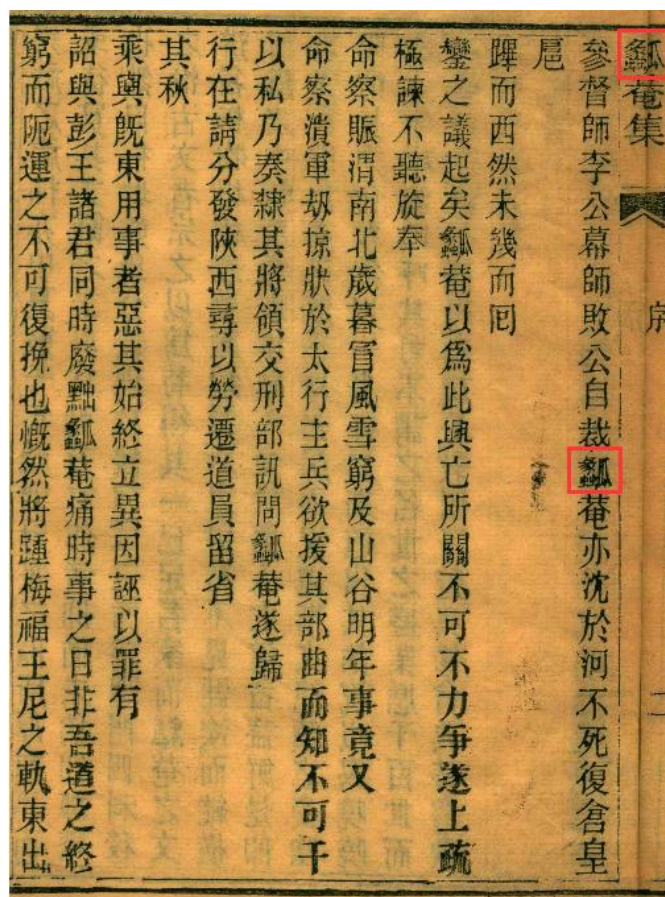
參督師李公幕師敗公自裁瓢菴亦沈於河不死復倉皇
蹕而西然未幾而卮
變之議起矣瓢菴以為此與亡所關不可不力爭遂上疏
極諫不聽旋奉
命察賑渭南北歲暮官風雪窮及山谷明年事竟又
命察潰軍刼掠狀於太行主兵欲援其部曲而知不可干
以私乃奏隸其將領交刑部訊問瓢菴遂歸
行在請分發陝西尋以勞遷道員留省
其秋
乘輿既東用事者惡其始終立異因誣以罪有
詔與彭王諸君同時廢黜瓢菴痛時事之日非吾道之終
窮而阨運之不可復挽也慨然將踵梅福王尼之軌東出
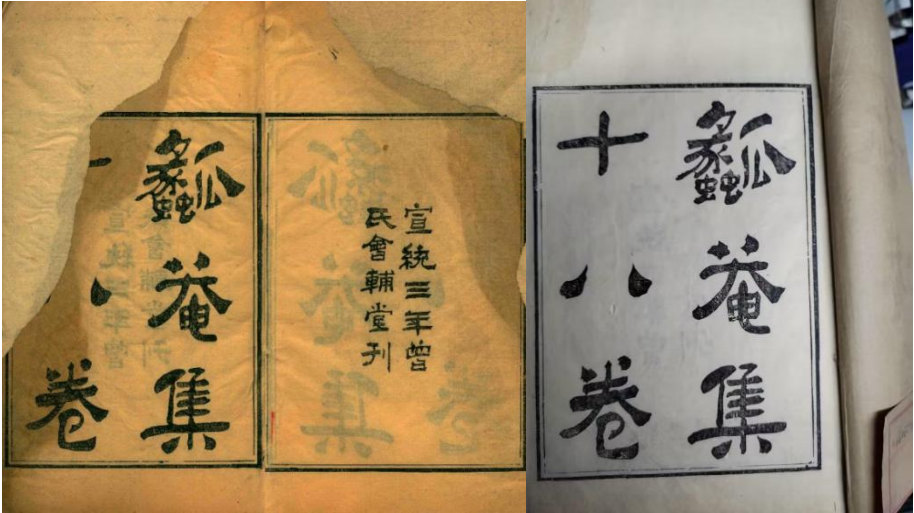
Fig.2.4《□蠡瓜菴續集》，（清）曾廉著，民國十三年（1924）曾氏會輔堂刻本



詩

烈婦詩

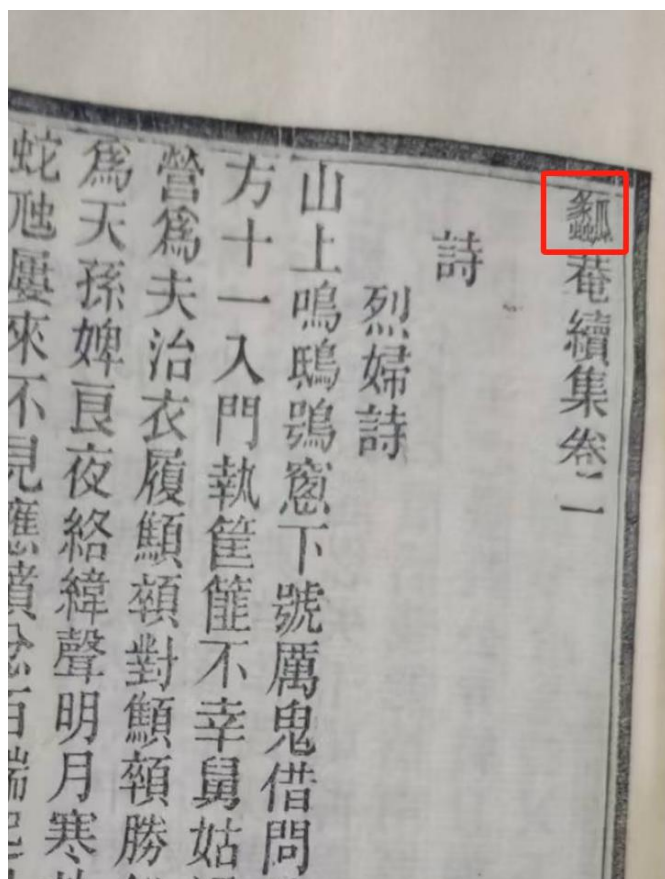山上鳴鳲鳩窻下號厲鬼借問
方十一入門執筐筐不幸鼻姑
營為夫治衣履顋頰對顋頰勝
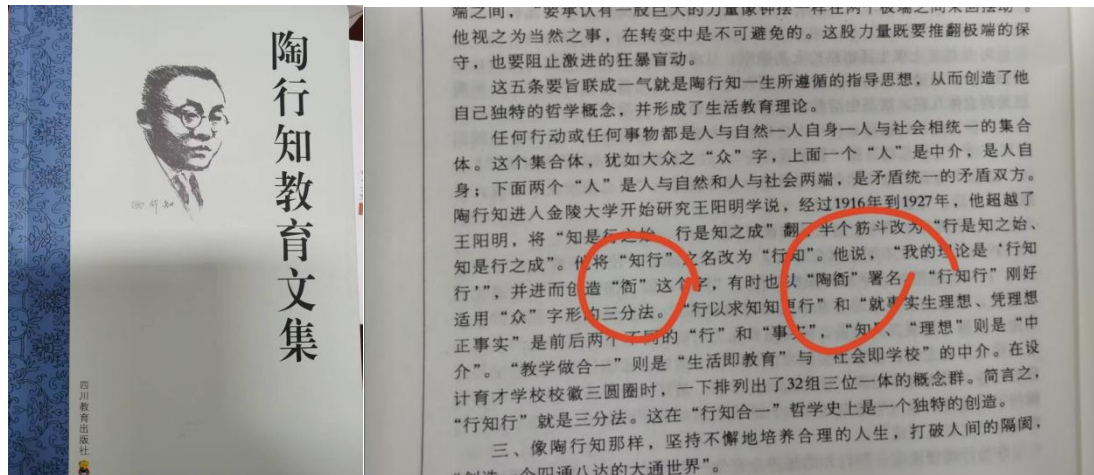為天孫婢旦夜絡緯聲明月寒
蛇虺壓來不見

Fig.3 　囗彳囗矢口宁

Fig.3.1 《陶行知教育文集》，胡晓风编，四川教育出版社，2007 年版，ISBN：9787540844189



Fig.3.2

Please see the PDF attached.

（EOF）