

Universal Multiple - Octet Coded Character Set UCS

ISO/IEC JTC1/SC2/WG2/IRG N2390

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Source:	China & TCA
Title:	UNC Proposal on China & TCA Science and Technology
Meeting:	IRG #52, HongKong
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Distribution:	IRG
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Appendix:	Attributes (in an excel file)

1. Introduction

1.1 12 UNCes collected by CNCTST & CCR

China National Committee for Terms in Sciences and Technologies (CNCTST) have been worked on the standardization of scientific and technological terms for more than thirty years, as the committee finish the work on determining the Chinese term names of Geology, Botanical and Zoology, new unencoded characters are found in the names which have met universal approbation.

(Please see Table 1.)

Chinese Characters Repertoire (CCR) offered help to China National Committee for Terms in Sciences and Technologies for checking the characters and submitting this proposal.

By checking against the latest version of ISO/IEC 10646, CJK Ext F (aka IRGN2156), WS2015 (aka IRGN2308), and WS2017 (aka IRGN2309), we found 12 characters not encoded. Now China requests to IRG to process all the 12 characters as UNCes and include them in URO+. We plan to add them in Hanzi G source: GKJ.

1.2 conclusion of IRG52#

The IRG editors accepted the 12 UNCes in the meeting, and agree to add the traditional form for 鯨 (GKJ-00206). China and TCA were invited to propose all sources of corresponding traditional forms. For TCA wants to submit 5 encoded forms of these UNCes to complete the T-source table, China would like to created the traditional glyph 鯨 (PUA code:A000A, source code:GKJ-00207) in the font and submit this proposal with TCA together. The evidences of 鯨 could be added by either member bodies in IRGN 2390.

Table 1 Chinese Names of urgent needed characters of GKJ

Chinese Characters	Codes	Chinese Term names	English Term Names	Latin Term Names	Pinyin	Subject
蒾	A0003	蒾豆		Glycine soja	láo	Phytology
蒾	A0004	蒾江期	Hanjiangian Age		hán	Geology
		蒾江阶	Hanjiangian Stage			
		蒾江组	Hanjiang Formation			
吧	A0005	本格玷吧酸	Bengucopalic Acid		bā	Chemical Engineering
		玷吧树脂素	Bengucopalresene			Chemical Engineering
		本格拉玷吧	Benin Copal			Chemical Engineering
		婆罗洲玷吧脂	Borneo Copal			Chemical Engineering
		巴西玷吧树脂	Brazil Copal, Brazilian Copal			Chemical Engineering
		丁酸玷吧	Butyrocopal			Chemical Engineering
		刚果玷吧[脂]	Congo Copal			Chemical Engineering
		刚果玷吧酸	Congo-copalic Acid			Chemical Engineering
		刚果玷吧油酸	Congo-copalolic Acid			Chemical Engineering
		玷吧脂	Congo Ester			Chemical Engineering
		玷吧树胶	Copal Gum			Chemical Engineering
		玷吧酸	Copalic Acid			Chemical Engineering
		玷吧脂酸	Copalinic Acid			Chemical Engineering
		玷吧油	Copal Oil			Chemical Engineering
		玷吧油酸	Copalolic Acid			Chemical Engineering
		玷吧清漆	Copal			Chemical

			Varnish			Engineering
		玷玳香脂	Copoiva			Chemical Engineering
		玷玳胶	Cowrie			Chemical Engineering
		马尼拉玷玳	Manila Copal			Chemical Engineering
		塑炼玷玳脂	Masticated Copal			Chemical Engineering
𩚑	A0006	𩚑鱼科		Cheimarrichthyidae	dōng	Zoology
		𩚑鱼属		Cheimarrichthys		Zoology
		𩚑鱼		Cheimarrichthys forsteri Sterba		Zoology
		𩚑鱼		Plesiops nigricanus (Ruppell)		Zoology
		𩚑科	Longfins	Plesiopidae		Zoology
		𩚑属		Plesiops		Zoology
		绿纹𩚑		Plesiops coeruleolineatus Ruppell		Zoology
		冠𩚑		Plesiops corallicola Bleeker		Zoology
		黑𩚑	Black longfin	Plesiops melas Bleeker		Zoology
		𩚑鱼		Plesiops nigricanus (Ruppl)		Zoology
		棘𩚑科		Acanthoclinidae		Zoology
		拟𩚑科	False Roundheads	Pseudoplesiopidae		Zoology
		黑带赤尾𩚑		Scolopsis dubiosus		Zoology
		乌面赤尾𩚑		Scolopsis personatus		Zoology
		裸首𩚑科		Anisochromidae		Zoology
		裸首𩚑		Anisochromis		Zoology

				kenyae		
		鲎科异名同物		Pharopterycidae		Zoology
		鲎鱼科异名同物		Chimarrichthyidae		Zoology
𩚑	A0007	𩚑属(又称鱼骨属)		Hamibarus	mì	Zoology
𩚑	A0008	𩚑鱼属(又称鲱鲤属)		Upeneus	yīn	
		拟𩚑鱼属(又称拟鲱鲤属)		Pseudupeneus		Zoology
		髯拟𩚑鱼		Pseudupeneus barberinus (Bleeker)		Zoology
		双斑拟𩚑鱼		Pseudupeneus bifasciatus		Zoology
		金边拟𩚑鱼(又称金线拟鲱鲤)		Pseudupeneus chrysopleuron (Temminck et Schlegel)		Zoology
		兄弟拟𩚑鱼		Pseudupeneus fraterculus (Cuvier et Valenciennes)		Zoology
		印度拟𩚑鱼		Pseudupeneus indicus (Lacepede)		Zoology
		泥拟𩚑鱼		Pseudupeneus luteus (Cuvier et Valenciennes)		Zoology
		多斑拟𩚑鱼		Pseudupeneus multifasciatus (Quoy et Gaimard)		Zoology
		条斑拟𩚑鱼		Pseudupeneus taeniatus (Kner)		Zoology
		三斑拟𩚑鱼		Pseudupeneus trifasciatus (Lacepede)		Zoology
		巽他𩚑鱼		Upeneus sundaicus (Bleeker)		Zoology

		朋氏𩚰鱼（又称条尾鲱鲤）		Upeneus bensasi （Temminck et Schlegel）		Zoology
		山羊𩚰鱼（又称黑斑鲱鲤）		Upeneus tragula		Zoology
𩚰	A0009	𩚰科	See chubs, Rudderfishes	Kyphosidae	tuò	Zoology
		𩚰属		Kyphosus		Zoology
		长鳍𩚰	Longfin rudderfish	Kyphosus cinerascens （Forsk.）		Zoology
		短鳍𩚰	Shortfin rudderfish	Kyphosus lembus（Cuv. et Valenciennes）		Zoology
		𩚰	Bermuda chub	Kyphosus sectatrix （Linnaeus）		Zoology
𩚰	A000A	𩚰	Bermuda chub	Kyphosus sectatrix （Linnaeus）	tuò	Zoology
𩚰	A000B	𩚰科（又称谐 鱼科）		Emmelichthyi dae	zhì	Zoology
𩚰	A000C	𩚰白鱼		Anabarilius grahami （Regan,1908 ）	lióng	Zoology
鸚	A000D	大绿鸚	Great Green Macaw	Ara ambigua	mài	Zoology
		蓝黄鸚	Blue-and-Yell ow Macaw	Ara ararauna		Zoology
		红绿鸚	Red-and-Gree n Macaw	Ara chloroptera		Zoology
		蓝头鸚	Blue-headed Macaw	Ara couloni		Zoology
		绯红鸚	Scarlet Macaw	Ara macao		Zoology
		红腹鸚	Red-bellied Macaw	Ara manilata		Zoology
		蓝翅鸚	Blue-winged Macaw	Ara maracana		Zoology

		军用 鸚鵡	Military Macaw	Ara militaris		Zoology
		红肩 鸚鵡	Red-shouldered Macaw	Ara nobilis		Zoology
		红额 鸚鵡	Red-fronted Macaw	Ara rubrogeys		Zoology
		栗额 鸚鵡	Chestnet-fronted Macaw	Ara severa		Zoology
		金领 鸚鵡	Golden-collared Macaw	Ara auricollis		Zoology
		灰绿 鸚鵡	Glaucous Macaw	Anodorhynchus glaucus		Zoology
		紫蓝 鸚鵡	Hyacinthine Macaw	Anodorhynchus hyacinthinus		Zoology
		靛蓝 鸚鵡	Indigo Macaw	Anodorhynchus leari		Zoology
鼯	A000E	鼯鼠科（又称硬毛鼠科）		Capromyidae	bù	Zoology
		鼯鼠属（又称硬毛鼠属）	Cuban hutias	Capromys Desmarest		Zoology
		黑尾鼯鼠（又称丛尾硬毛鼠）	Bushy-tailed hutia	Capromys melanurus Poey		Zoology
		（小鼯鼠）小硬毛鼠	Dwarf hutia	Capromys nanus G.Allen		Zoology
鼯	A000F	鼯鼠科（又称硬毛鼠科）		Capromyidae	jiǎ	Zoology
		鼯鼠属（又称硬毛鼠属）	Cuban hutias	Capromys Desmarest		Zoology
		黑尾鼯鼠（又称丛尾硬毛鼠）	Bushy-tailed hutia	Capromys melanurus Poey		Zoology
		（小鼯鼠）小硬毛鼠	Dwarf hutia	Capromys nanus G.Allen		Zoology

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

IRGN2 A: This document

IRGN2 B: Appendix: An Excel spreadsheet with character attributes

2. Proposed Characters

Table 3 Thirteen Proposed Characters as UNCes

G-Source Code	GKJ-002 00	GKJ-0020 1	GKJ-00 202	GKJ-00 203	GKJ-00 204	GKJ-00 205	GKJ-00 206	GKJ-00 207	GKJ-00 208	GKJ-00 209	GKJ-00 210	GKJ-00 211	GKJ-00 212
Proposed Code Point													
PUA	U+A000 3	U+A0004	U+A00 05	U+A00 06	U+A00 07	U+A00 08	U+A00 09	U+A00 0A	U+A00 0B	U+A00 0C	U+A00 0D	U+A00 0E	U+A00 0F
Glyph	𪛗	𪛘	𪛙	𪛚	𪛛	𪛜	𪛝	𪛞	𪛟	𪛠	𪛡	𪛢	𪛣
IDS	𪛗 豆劳 U+2FF0, U+8C46, U+52B3	𪛘 彳 韩 U+2FF2, U+6C35, U+97E9	𪛙 王巴 U+2FF0, U+738B, U+5DF4	𪛚 鱼冬 U+2FF0, U+9C7C, U+51AC	𪛛 鱼密 U+2FF0, U+9C7C, U+5BC6	𪛜 鱼音 U+2FF0, U+9C7C, U+97F3	𪛝 鱼舵 U+2FF0, U+9C7C, U+8235	𪛞 鱼舵 U+2FF2, U+9B5A, U+8235	𪛟 鱼志 U+2FF0, U+9C7C, U+971C	𪛠 鱼良 U+2FF0, U+9C7C, U+826F	𪛡 麦鸟 U+2FF0, U+9EA6, U+9E1F	𪛢 鼠布 U+2FF0, U+9F20, U+5E03	𪛣 鼠加 U+2FF0, U+9F20, U+52A0
Radical	151	85	96	195'	195'	195'	195'	195	195'	195'	196'	208	208
Radical Form	豆	彳	王	鱼	鱼	鱼	鱼	魚	鱼	鱼	鸟	鼠	鼠
Strokes	7	12	4	5	11	9	11	11	7	7	7	5	5
Total Strokes	14	15	8	13	19	17	19	22	15	15	12	18	18
First Stroke	1	1	5	3	4	4	3	3	1	4	1	1	5
KX Index	151	85.1	96.1	195.1	195.1	195.1	195.1	195	195.1	195.1	196.1	208	208
Putonghua Pronunciation	láo	hán	bā	dōng	mì	yīn	tuò	tuò	zhì	líng	mài	bù	jiā
Cantonese Pronunciation	lou4	hon4	baa1	dung1	mat6	jam1	to4	to4	zi3	loeng4	mak6	bou3	gaa1

n													
T/S	1	1	1	1	1	1	1	0	1	1	1	1	1
Simplified Form	SC	SC	SC	SC	SC	SC	SC	TC	SC	SC	SC	SC	SC
Traditional Form	𪔐	𪔑	N/A	𪔒	𪔓	𪔔	Not encoded	None	𪔕	𪔖	𪔗	N/A	N/A
Code Point for Traditional Form	U+27C0E	U+2C267	N/A	U+9B97	U+2CD68	U+29E4E	Not encoded	Not encoded	U+29DD3	U+29DD5	U+2A133	N/A	N/A

3. Unicode Properties

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;CJK UNIFIED IDEOGRAPH- ;Lo;0;L;;;;N;;;;;  
;CJK UNIFIED IDEOGRAPH- ;Lo;0;L;;;;N;;;;;  
;CJK UNIFIED IDEOGRAPH- ;Lo;0;L;;;;N;;;;;  
;CJK UNIFIED IDEOGRAPH- ;Lo;0;L;;;;N;;;;;  
;CJK UNIFIED IDEOGRAPH- ;Lo;0;L;;;;N;;;;;  
;CJK UNIFIED IDEOGRAPH- ;Lo;0;L;;;;N;;;;;  
;CJK UNIFIED IDEOGRAPH- ;Lo;0;L;;;;N;;;;;  
;CJK UNIFIED IDEOGRAPH- ;Lo;0;L;;;;N;;;;;  
;CJK UNIFIED IDEOGRAPH- ;Lo;0;L;;;;N;;;;;  
;CJK UNIFIED IDEOGRAPH- ;Lo;0;L;;;;N;;;;;  
;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 IRGN2390Appendix31_GKJ-00200

科学出版社 (Science Press): 《中国植物志》(Flora of China), 1995.05., No.1, Vol. 41, ISBN 7-03-004440-1, P. 236

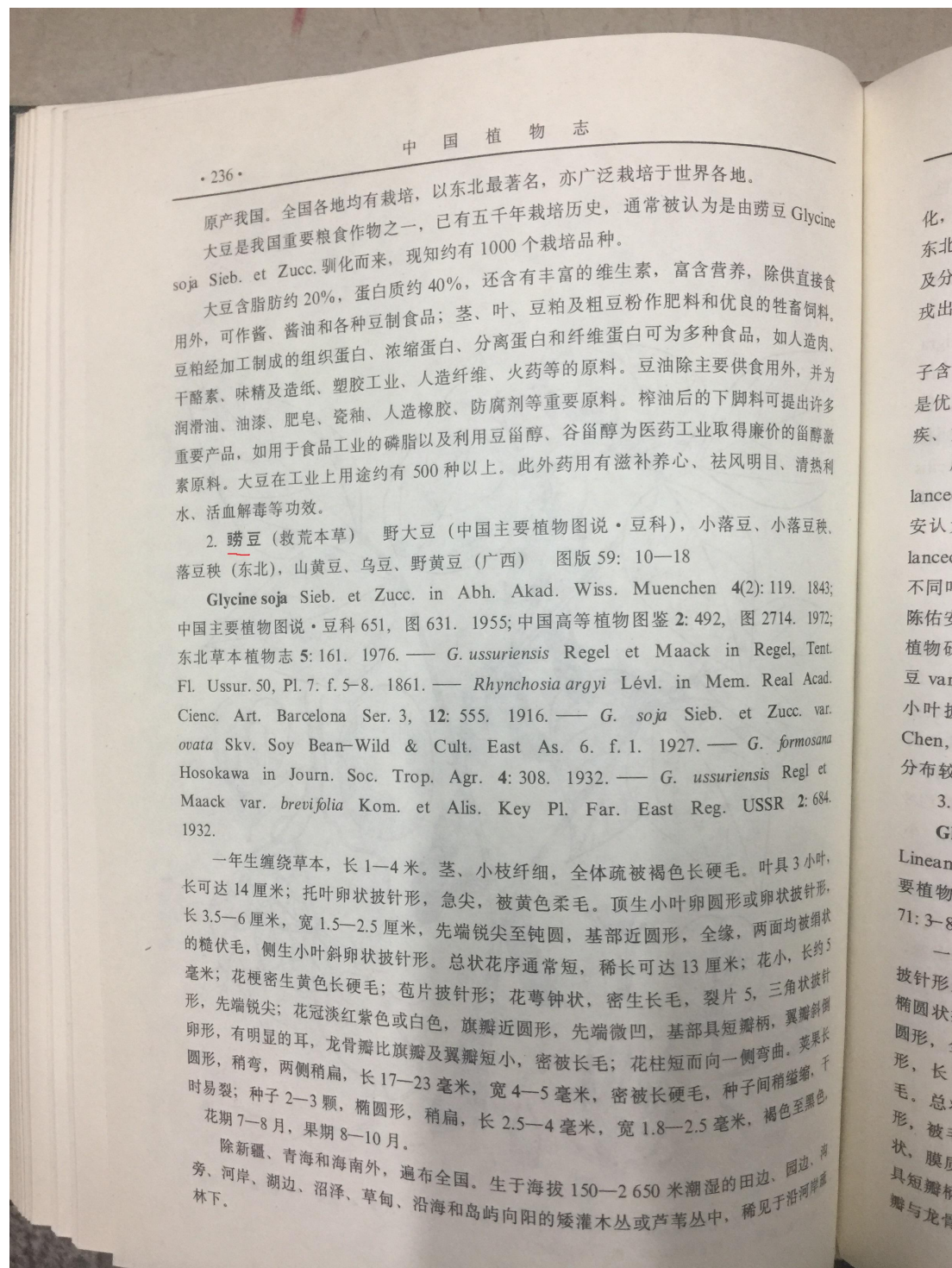


Fig. 2 IRGN2390Appendix32_GKJ-00201

科学出版社 (Science Press): 《地质学名词》 (Geology Terms), 1994.09., No.1, ISBN 7-03-003950-5/P·733, P. 12/20

序 码	汉 文 名	英 文 名	注 释
		Stage	
02.202	崑山期	Gushanian Age, Kushanian Age	
02.203	崑山阶	Gushanian Stage, Kushanian Stage	
		Stage	
02.204	长山期	Changshanian Age	
02.205	长山阶	Changshanian Stage	
02.206	凤山期	Fengshanian Age, Fungshanian Age	
02.207	凤山阶	Fengshanian Stage, Fungshanian Stage	
02.208	托莫特期	Tommotian Age	
02.209	托莫特阶	Tommotian Stage	
02.210	阿特达班期	Atodabanian Age	
02.211	阿特达班阶	Atodabanian Stage	
02.212	勒拿期	Lenian Age	
02.213	勒拿阶	Lenian Stage	
02.214	索尔瓦期	Solvan Age	
02.215	索尔瓦阶	Solvan Stage	
02.216	梅内夫期	Menevian Age	
02.217	梅内夫阶	Menevian Stage	
02.218	梅特罗吉期	Maentwrogian Age	
02.219	梅特罗吉阶	Maentwrogian Stage	
02.220	多尔格期	Dolgellian Age	
02.221	多尔格阶	Dolgellian Stage	
02.222	新厂期	Xinchangian Age	
02.223	新厂阶	Xinchangian Stage	
02.224	宁国期	Ningguoan Age	
02.225	宁国阶	Ningguoan Stage	
02.226	胡乐期	Hulean Age	
02.227	胡乐阶	Hulean Stage	
02.228	濞江期	Hanjiangian Age	
02.229	濞江阶	Hanjiangian Stage	
02.230	石口期	Shikouan Age	
02.231	石口阶	Shikouan Stage	
02.232	五峰期	Wufengian Age	
02.233	五峰阶	Wufengian Stage	
02.234	特里马道克期	Tremadocian Age	

序 码	汉 文 名	英 文 名	注 释
02.478	莲沱组	Liantuo Formation	莲沱组
02.479	南沱组	Nantuo Formation	南沱组
02.480	陡山沱组	Doushantuo Formation	陡山沱组
02.481	灯影组	Dengying Formation	灯影组
02.482	罗圈组	Luoquan Formation	罗圈组
02.483	梅树村组	Meishucun Formation	梅树村组
02.484	筇竹寺组	Qiongzhusi Formation	筇竹寺组
02.485	沧浪铺组	Canglangpu Formation	沧浪铺组
02.486	龙王庙组	Longwangmiao Formation	龙王庙组
02.487	毛庄组	Maozhuang Formation	毛庄组
02.488	徐庄组	Xuzhuang Formation	徐庄组
02.489	张夏组	Zhangxia Formation	张夏组
02.490	崮山组	Gushan Formation	崮山组
02.491	长山组	Changshan Formation	长山组
02.492	凤山组	Fengshan Formation	凤山组
02.493	冶里组	Yeli Formation	冶里组
02.494	亮甲山组	Liangjiashan Formation	亮甲山组
02.495	下马家沟组	Lower Majiagou Formation	下马家沟组
02.496	上马家沟组	Upper Majiagou Formation	上马家沟组
02.497	南津关组	Nanjinguan Formation	南津关组
02.498	分乡组	Fenxiang Formation	分乡组
02.499	红花园组	Honghuayuan Formation	红花园组
02.500	大湾组	Dawan Formation	大湾组
02.501	牯牛潭组	Guniutan Formation	牯牛潭组
02.502	庙坡组	Miaopo Formation	庙坡组
02.503	宝塔组	Baota Formation	宝塔组
02.504	临湘组	Linxiang Formation	临湘组
02.505	五峰组	Wufeng Formation	五峰组
02.506	观音桥组	Guanyinqiao Formation	观音桥组
02.507	湄潭组	Meitan Formation	湄潭组
02.508	新厂组	Xinchang Formation	新厂组
02.509	宁国组	Ningguo Formation	宁国组
02.510	胡乐组	Hule Formation	胡乐组
02.511	潯江组	Hanjiang Formation	潯江组
02.512	石口组	Shikou Formation	石口组
02.513	连滩组	Liantan Formation	连滩组
02.514	龙马溪组	Longmaxi Formation	龙马溪组

Fig. 3 IRGN2390Appendix33_GKJ-00202

科学出版社 (Science Press): 《英汉化学化工词汇 (第五版)》 (English-Chinese Dictionary of Chemistry and Chemical Engineering (5th.Ed)), 2016.01, ISBN 978-7-03-046913-7, P. 169/205/208/214/238/369/384/397/985/991

ben 169	
belt stretching machine 皮带展幅机	验机
belt stripper 卸运带机	bending modulus 弯曲模量; 弯曲模数
belt tension 皮带张力	bending motion 弯曲运动
belt tightener 平带拉紧装置	bending radius(=bend radius) 弯曲半径
belt traction take-off machine 履带式接取机	bending resistance 抗弯曲性
belt transport detector 传送带检测器	bending rigidity ①抗弯刚性②抗弯刚度
belt weight meter 带秤	bending roll fibrillator 弯辊式原纤化装置
Bemberg microporous membrane 铜氨纤维微孔膜	bending stiffness 弯曲劲度
Bemberg silk 本伯格(人造)丝	bending strain 弯曲应变
bemsilk 铜氨人造丝; 铜氨丝	bending strength 弯曲强度
Benard cell 贝纳尔德旋流“窝”(引起漆膜发花的一种旋涡现象)	bending stress 弯曲应力
Benard cell boundary 贝纳尔德旋流窝(边)界面	bending stress tester 弯曲应力试验仪
Benard circulation motion 贝纳尔德环流(运动)	bending vibration 弯曲振动
benazepril 贝那普利(药)	bending Young's modulus test 弯曲杨氏模量试验
bench ①组②凳子③实验桌; 工作台	Bendix time-of-flight mass spectrometer 本德克斯飞行时间质谱仪
bench drill 台钻	bend loop test 弯曲试验
bench life(=working life) 使用寿命	bend radius(=bending radius) 弯曲半径
bench mark 标线	bend-shatter point (低温下)弯曲破碎点
benchmark concentration 基准浓度	bend strength 弯曲强度
benchmark value 基准值	bend stress 弯曲应力
bench-mounted hardness tester 台式硬度计	Benedict's reagent 本尼迪特试剂
bench of burners 炉组	Benedict's test 本尼迪特试验(鉴别糖分、树脂、淀粉)
bench photometer 台式光度计	benedict root oil(=water avens root oil) 丁字根油
bench roller 台辊	beneficiation ①选矿②精选③富集
bench scale 工作台规模; 台架规模	benefit analysis ①(工程)受益分析②优势分析
bench-scale research 扩大试验	benemid 对二丙氨基磺酰基苯甲酸
bench side 焦面	Benesi method 贝纳西法(用于测定颜料表面酸度)
bench test 小型试验(比实验大, 比中型试验小)	bengala 三氧化二铁; 氧化铁红; 铁丹(俗)
bench top ①长凳面②长工作台面; 长操作台面	Bengough-Stuart anodising process 本戈-斯塔特阳极氧化法
bench-type modular unit 台式调制单元	bengucopalic acid 本格玷珀酸 C ₁₀ H ₃₀ O ₂
bench type spray booth 台式喷涂棚(室; 柜)	bengucopalresene 玷珀树脂素
bench work 钳工工作	benguela copal 本格拉玷珀
bencyclane 苯环烷	benihene 贝尼烯
bend ①弯头②弯管; 曲管③弯曲④半背皮	benihidiol 贝尼黑二醇
bendazol 地巴唑(药)	benihinal(=d-myrtanal) 贝尼烯醛; d-桃金娘烯醛
bend bar expander 扩幅弯辊	benihinol(=d-myrtanol) 贝尼烯醇; d-桃金娘烯醇
bend-brittle point 弯曲脆化点	benihiol(=myrtanol) 贝尼醇; 桃金娘醇
bended tube 弯管	benihione 贝尼酮
bender ①折弯机②弯管机	Benin copal 贝宁玷珀
Bender sweetening 本德脱硫法	Beni rubber 本尼橡胶
bending ①弯曲度②弯头③弯曲④卷刃	benitoite 蓝锥矿
bending creep 弯曲蠕变	benjamin(=benzoin) 安息香
bending flexure 弯曲	Bennert manometer 本纳特流体压力计
bending jig 折弯胎模	Bennett radio-frequency mass spectrometer 贝内特射频质谱仪
bending length 弯曲长度	ben oil 山萘油
bending load 弯曲载荷	
bending machine ①折弯机②卷板机③弯管机④弯曲试	

boiling vessel 蒸煮器	Boltzmann constant 玻耳兹曼常量
boiling water absorption ①吸沸水量②吸沸水性	Boltzmann distribution 玻耳兹曼分布
boiling water sealing 沸水封闭法	Boltzmann distribution law 玻耳兹曼分布定律
boiling water shrinkage 沸水收缩(率)	Boltzmann equation 玻耳兹曼方程
boiling water test (耐)沸水试验	Boltzmann fluid 玻耳兹曼流体
boiling water resistance 耐沸水性	Boltzmann relation 玻耳兹曼关系(式)
boil off 煮掉	Boltzmann statistics 玻耳兹曼统计
boil-off liquor 废皂水(纺)	Boltzmann superposition principle 玻耳兹曼叠加原理
boil-off shrinkage 退浆收缩(率); 精炼收缩(率)	Boltzmann transport equation 玻耳兹曼输运方程
boil out 熬煮; 煎煮	bolus 红玄武土
boil over 沸溢	bolus alba 高岭土; 瓷土
boilproof 耐煮的	bomb ①弹②高压气体储罐
boil-stain of cloth 布的煮斑(因煮炼不足所留斑印)	bomb aging 弹内(加氧)陈化
boil stringproof 煮熬拔丝(糖)	bombardment 轰击*; 冲击
boil-up rate 蒸出速率	bomb calorimeter 弹式热量计*
boivinose 2-脱氧-6-鼠李糖	bomb calorimetry 弹式量热法
bold 大块(天然树脂和合成树脂类树脂的大块)	bomb calorimetry study 弹式量热法研究
boldine 波尔定碱	bomb furnace 封管炉
boldoglucin 玻耳多甘	bombicestrol 蚕甾醇
bole 胶块土; 红玄武土	bombiosterol 蚕甾醇
bole oils 氧化了的矿物油	bomb method 氧弹法(测定石油产品的硫含量)
boleite 银铜氯铅矿	bomb oxidation 弹内氧化
boletic acid 别失水苹果酸	bomb oxidation test 弹内氧化试验
Boling burner 玻林燃烧器	bomb sulfur 氧弹法含硫量
Bollman extractor 博尔曼抽提器	bomb tube 弹管
Bollman soybean extractor 博尔曼大豆萃取器	bombycin 蚕素
Bolnes engine test 博尔内斯发动机试验	BON acid(=3-hydroxy-2-naphthoic acid) 3-羟基-2-萘甲酸; β -萘酚酸
Bologna phosphorus 博龙亚磷(一种发光硫化钡)	bond ①黏合; 黏合体②键; 结合③胶接; 胶合
bolognian phosphorus(=bolognian stone) 重晶石	bondability 黏合程度; 密着程度
bolometer (电阻)测辐射热仪	bondability index 黏合指数
bolster 活动台; 下托板(平板机); 软垫	bond alternation 键交替现象; 分子键交变性质
bolt ①圆(门、窗)门②短圆材③螺栓	bond angle 键角*
bolt circle 螺栓圆周	bond-angle deformation 键角变形
bolted joint 螺栓接合	bondant 黏合剂; 黏着剂
bolter 筛	bond area 黏合面
bolt head ①螺栓头②长颈烧瓶	bond bending 键弯曲
bolt (hole) circle 螺栓圆周; 安放螺栓的圆周	bond breakage 键断裂
bolting ①筛选②螺栓联系	bond clay 黏土
bolting cloth 筛布	bond cleavage 键裂
bolting house 筛选间	bond dissociation energy 键裂解能
bolting machine(=bolting mill) 筛选机; 筛粉机	bond distance 键长
bolting mill(=bolting machine) 筛选机; 筛粉机	bond distribution analysis 键分配分析法
bolting reel 转筒筛(选矿)	π -bonded adsorption complex π 键吸附的配合物
bolting silk ①丝筛; 绢筛②丝织筛布	bonded assembly 胶接件
boltless door 错齿式罐盖(硫化罐)	bonded energy 键合能
bolt oil 螺栓油	bonded fabric 无纺布; 黏合织物
boltonite 镁橄榄石; 假镁橄榄石; 波尔顿石	bonded ion exchanger 键合型离子交换剂
bolt steel tank 螺栓连接钢罐	

bordered pit-pair 具缘纹孔对
borderline 分界线; 边界线; 轮廓线
borderline acid 边缘酸
borderline base 边缘碱
borderline curve 边界线曲线
borderline dilatancy 边界膨胀性
borderline knock curve 边界(线)爆震曲线
borderline mechanism 边界机理^{*}
borderline method 边界线法〔评价汽油抗爆性〕
borderline motor fuel 卡边发动机燃料〔其性质刚合标准〕
borderline sensitivity 边界灵敏度
border motif 界面形色; 边界形态
bore ①(喷丝板的)孔②孔内径③钻孔
bored roll 空心滚筒
bore hole 镗孔
borehole flowmeter 锐孔流量计
borer ①钻孔器②镗床
borer hole 虫孔
borer resistance 抗钻虫性
Borghetty-Bergman value 博尔费第-伯格曼值〔表征表面活性剂钙皂分散能力的数值〕
boric acid 硼酸
boric acid ester 硼酸酯 $B(OR)_3$
boric acid latex 硼酸(保存)胶乳
boric anhydride(=boric oxide) 氧化硼; 硼酐 B_2O_3
boric oxide(=boric anhydride) 氧化硼
boric oxide fibre 氧化硼纤维
boric oxide filament yarn 氧化硼长丝
boric spar 方硼石
boride 硼化物
borinamine 硼氮配位化合物; 硼胺
borine 烷基硼 BR_3
boring 镗(孔)
boring and inserting sleeve method 扩孔镶套法
boring bar 镗杆
boring cutter 镗刀
boring hose 钻控胶管; 凿井胶管
boring lathe 镗床
boring machine 镗床
boring machine operator 镗工
boring method 钻取法〔纸浆取样〕
boring-mill work 镗铣加工
boring sample 岩心取样
boring table 镗床工作台
borinoaminoborine 二硼烷基胺 H_3BNHBH_3
bornethyl 三甲硼
bornadiene 菠二烯

bornane 莰烷; 菠烷
2-bornene(=bornylene) 冰片烯; 2-菠烯; 2-茨烯
borneo camphor(=borneol) 冰片; 龙脑; 2-茨醇
borneo camphor oil 龙脑香油
borneo camphor tree 龙脑香树
Borneo copal 婆罗洲琥珀脂
borneol(=borneo camphor) 冰片; 龙脑; 2-茨醇
borneol acetate(=bornyl acetate) 乙酸冰片酯
borneol flakes 片状; 冰片
borneol salicylate(=salit) 水杨酸冰片酯; 沙里特
Borneo tallow 婆罗洲脂
Born equation 玻恩方程式
bornesite 甲基肌醇
bornesitol 甲基肌醇
Born-Haber cycle 玻恩-哈伯循环^{*}
bornite 斑铜矿^{*}
Born-Oppenheimer approximation 玻恩-奥本海默近似^{*}
bornyl 冰片基; 2-茨烷基
bornyl acetate(=borneol acetate) 乙酸冰片酯
 $C_{10}H_{17}OOCCH_3$
bornyl alcohol(=borneol) 冰片; 龙脑
bornyl amine 冰片基胺; 2-茨胺 $C_{10}H_{17}NH_2$
bornylane 冰片烷
bornyl α -bromoisovalerate α -溴异戊酸冰片酯
 $(CH_3)_2CHCHBrCOOC_{10}H_{17}$
bornyl butyrate 丁酸龙脑酯
bornyl chloride 冰片基氯; 2-氯茨 $C_{10}H_{17}Cl$

p-bornyl cyclohexanol 对龙脑基环己醇
p-bornyl cyclohexanone 对龙脑基环己酮
bornylene 冰片烯; 2-茨烯 $C_{10}H_{16}$
bornyl formate 甲酸冰片酯; 甲酸-2-茨醇酯
 $HCOOC_{10}H_{17}$

p-bornyl guaiacol 对龙脑基愈创木酚
bornyl halide 冰片基卤 $C_{10}H_{17}X$
bornyl isovalerate(=bornylal) 异戊酸冰片酯
 $(CH_3)_2CHCH_2COOC_{10}H_{17}$
bornyl lactate 乳酸龙脑酯
bornyl methanoate 甲酸龙脑酯

p-bornyl-2-methyl cyclohexanol 对龙脑基-2-甲基环己醇

p-bornyl-3-methyl-cyclohexanone 对龙脑基-3-甲基环己酮
bornyl nonylate 壬酸龙脑酯

p-bornyl phenol 对龙脑基苯酚
bornyl propionate 丙酸龙脑酯
bornyl salicylate 水杨酸冰片酯 *o*- $HOC_6H_4COOC_{10}H_{17}$
bornyl thiocynoacetate 氰硫基乙酸冰片酯
bornylal(=bornyl isovalerate) 异戊酸冰片酯

- branner 磨光机
- brashiness 脆性; 易碎性
- brasileic acid 巴西勒酸
 $\text{Me}(\text{CH}_2)_7(\text{CHOH})_2(\text{CH}_2)_{12}\text{COOH}$
- brazilein(=brazilein) 巴西红木精 $\text{C}_{16}\text{H}_{12}\text{O}_5$
- brasileic acid(=brazilic acid) 巴西酸 $\text{C}_{12}\text{H}_{12}\text{O}_6$
- brasilin 巴西灵 $\text{C}_{16}\text{H}_{14}\text{O}_5$
- brasq(=brasque) ①衬料; 填料②炉衬
- brasque(=brasq) ①衬料; 填料②炉衬
- brass 黄铜[†]
- brass-fitted cast-iron valve 黄铜配制铸铁阀
- brass foundry ①黄铜铸造②黄铜铸件③黄铜铸件厂
- brassicasterol 菜子甾醇
- brassica steryl propionate 丙酸芸苔甾醇酯
- brassicin 蔓菁苷; 异鼠李黄酮葡萄糖苷
- brassicidic acid(=13-dodecosenoic acid) 巴西烯酸; 顺茺酸; (Z)- Δ^{13} -二十二碳烯酸 $\text{C}_{21}\text{H}_{41}\text{CO}_2\text{H}$
- brassidin 巴西精; 巴西烯酸甘油酯; 反-13-二十二碳烯酸甘油酯
- brassic acid 巴西基酸; 十三烷二酸
 $\text{COOH}(\text{CH}_2)_{11}\text{COOH}$
- brassiness ①黄铜质②黄铜色
- brassing 黄铜铸件
- brass pipe(=brass tube) 黄铜管
- brass plate 黄铜压平板
- brass-plating 镀黄铜
- brass polish 黄铜光亮剂
- brass rivet 黄铜铆钉
- brass slicker 黄铜刮刀
- brass substrate 黄铜基材; 黄铜底料
- brass syringe 黄铜喷雾器
- brass-trimmed valve 黄铜配制阀
- brass tube(=brass pipe) 黄铜管
- brass valve 黄铜阀
- brass worm wheel 黄铜蜗轮
- brass-yarn weft 黄铜丝纬线
- brassyate 巴西酸盐(或酯); 十三烷二酸盐(或酯)
- brassylic acid 巴西基酸; 十三烷二酸
 $\text{HOOC}(\text{CH}_2)_{11}\text{COOH}$
- brat 不净煤; 原煤
- brattice 隔布; 围板
- braunite 褐锰矿
- Braun sample grinder 布老恩样品磨研机
- Braun's native lignin(BNL) 布朗氏天然木素
- bravaisite 漂云母
- Bravais lattice 布拉菲晶格
- Bravais-Miller indices 布拉菲-米勒指数
- brayer roll 刷色滚(辊); 涂墨滚(辊)
- brazan 巴西烷; 苯并氧芴
- braze 铜焊(接)
- brazed copper tube 黄铜管
- brazed joint 黄铜接头
- braze wilding 铜(钎)焊
- brazil copal 巴西站吧树脂
- brazilein(=brasilein) 巴西红木精 (可用作天然染料)
 $\text{C}_{16}\text{H}_{12}\text{O}_5$
- brazilian copal 巴西站吧树脂
- brazilian rosewood oil 巴西玫瑰木油
- brazilian sassafras oil 巴西黄樟油
- brazilic acid(=brasileic acid) 巴西酸
- brazilin 巴西木红素; 苏枋精 $\text{C}_{16}\text{H}_{14}\text{O}_5$
- brazil wax 巴西棕榈蜡
- brazil-wood 巴西红木
- brazing ①铜焊(接)②钎焊③硬钎焊
- brazing filler metal 钎料
- brazing solder 焊铜
- brazo- 巴西并
- brazylum 巴西鎔
- bread crumber 面包心磨
- bread pan coating 面包烤盘涂料
- breadth 宽度
- breadth of particle 粒子短轴; 粒子宽度
- breadth of spectral lines 谱线宽度
- bread wrapper 面包纸
- bread wrapper adhesive 面包包装纸黏合剂
- break ①裂缝; 破裂口②(滴定)突跃③革面花纹
- breakage 破坏; 破裂; 断裂
- breakage cleavage(=cleavage breakage) 破碎
- break-away 开模
- break-away friction 滑动摩擦
- breakaway speed 开放速度
- breakdown 破坏; 破裂; 断裂; 击穿; 中断
- breakdown aid 塑解剂
- breakdown cycle 塑炼周期
- break-down maintenance 事故维修; 停工检修
- breakdown mill 碎研磨
- breakdown of boundary film 界限膜破裂
- breakdown of carbon-carbon bond 碳-碳键断裂
- breakdown of coating 涂层破坏
- breakdown of flame 火焰中断; 熄火
- breakdown of fuel 燃料分散
- breakdown of gasoline 汽油破坏 (在氧弹中测定汽油诱导期时压力的急剧下降)
- breakdown of greases 润滑脂破坏; 润滑脂分油
- breakdown of hydrocarbon 烃断裂
- breakdown of oil 油澄清

n-butyraldehyde di-*n*-butyl acetal 正丁醛二丁缩醛
 butyraldehyde oxime 丁醛肟 $\text{C}_2\text{H}_5\text{CH}_2\text{CH}=\text{NOH}$
 butyraldol(=2-ethyl-1,3-hexanediol) 2-乙基-1,3-己二醇
 butyral group (醇)缩丁醛基
 butyralization 缩丁醛化(作用)
 butyralized 缩丁醛化的
 butyral resin 丁醛树脂
 butyramide 丁酰胺 $\text{C}_2\text{H}_5\text{CH}_2\text{CONH}_2$
 butyranilide 丁酰苯胺 $\text{C}_3\text{H}_7\text{CONHC}_6\text{H}_5$
 butyrase 丁酯酶
 butyrate ①丁酸②丁酸盐(酯或根)
 butyrelite 泥煤脂
 butyric acid 丁酸 $\text{CH}_3(\text{CH}_2)_2\text{COOH}$
 butyric acid amide 丁酰胺 $\text{C}_3\text{H}_7\text{CONH}_2$
 butyric acid chloride 丁酰氯 $\text{C}_3\text{H}_7\text{COCl}$
 butyric acid value 丁酸值
 butyric alcohol 丁醇
 butyric aldehyde 丁醛 $\text{C}_3\text{H}_7\text{CHO}$
 butyric anhydride 丁(酸)酐 $(\text{C}_2\text{H}_5\text{CH}_2\text{CO})_2\text{O}$
 butyric ester 丁酸酯 $\text{C}_3\text{H}_7\text{COOR}$
 butyricin 丁酸梭菌素
 butyrin 酪脂; 丁精; 三丁酸甘油酯
 $(\text{CH}_3\text{CH}_2\text{CH}_2\text{CO})_3\text{C}_3\text{H}_5\text{O}_3$
 butyriase 酪脂酶
 butyro- 丁酸(的)
 butyrobetaine 丁内铵盐; 三甲铵基丁内盐
 butyrocopal 丁酸砧吧
 butyrolin 丁偶姻; 5-羟基-4-辛酮 $\text{C}_3\text{H}_7\text{CHOHCOC}_3\text{H}_7$
 butyrolactam 丁内酰胺
 butyrolactone 丁内酯
 γ -butyrolactone γ -丁内酯
 butyrolactone β -carboxylic acid 丁内酯- β -羧酸; 仲康酸
 butyrometer 奶油计
 butyrone 二丙基(甲)酮
 butyronitrile 丁腈 $\text{C}_2\text{H}_5\text{CH}_2\text{CN}$
n-butyrophenone(=propyl phenyl ketone) 丙基苯基(甲)
 酮 $\text{C}_2\text{H}_5\text{CH}_2\text{COC}_6\text{H}_5$
 butyrospermol 丁酰鲸鱼醇
 butyroxymethyl dioxolane 丁酰氧甲基二噁烷
 butyryl(=butanoyl) 丁酰(基) $\text{CH}_3\text{CH}_2\text{CH}_2\text{CO}-$
 butyryl chloride 丁酰氯 $\text{C}_2\text{H}_5\text{CH}_2\text{COCl}$
 1-butyryl propylene 1-丁酰基丙烯
 4-*n*-butyryl pyrogallol(=2,3,4-trihydroxybutyrophenone)
 2,3,4-三羟基苯丁酮; 4-丁酰焦栲酚
 $(\text{HO})_3\text{C}_6\text{H}_2\text{COC}_3\text{H}_7$
 butyryl urea 丁酰脲 $\text{C}_3\text{H}_7\text{CONHCONH}_2$

buxidine 黄杨叶碱
 buxine 黄杨碱
 Buxton's fluid 巴克斯顿液
 buyo(=betel-nut) 槟榔
 buzane 联肼
 buzylene ①异四氮烯②异四氮烯基
 buzzer ①蜂鸣器②磨轮; 砂轮
 byak-angelicin 白当归素
 byakangelicol 白当归脑
 byerlyte ①炼焦煤②石油沥青(贝耳勒法产生的)
 by gravity 自流(地)
 by-law 章程; 规则; 说明书
 by-pass 旁路; 支路; 旁通管
 by-pass damper 支路气门
 by-passed oil 死油(由于注入水驱扫不到而造成的)
 by-pass electrode 旁路电极
 by-pass extruder 旁路挤塑机
 by-pass filter 旁通过滤器
 by-pass flue 旁通烟道
 by-passing 走旁路
 by-pass injection 旁通注射
 by-pass injector 旁通注射器; 旁通进样器
 by-pass line 旁通管
 by-pass pipe 旁路管; 旁通管
 by-pass plug 旁通塞; 放油塞
 by-pass ratio 旁通比
 by-pass sample 旁通进样
 by-pass sample line 旁路样品管线
 by-pass sampler 旁通进样器
 by-pass tee 旁路三通
 by-pass valve 旁路阀; 旁通阀
 by-pass vent extruder 旁通气挤出机
 by-product 副产物
 by-product ammonia 副产氨
 by-product coke 副产焦炭
 by-product coking 有副产物的炼焦
 by-product gas producer 有副产物的气体发生炉
 by-product oven 副产物炉
 by-product precipitation 副产品沉淀
 by-product recovery gas producer 有副产物回收的气体
 发生炉
 by-product suppressant compound 抑制副产品的化合物
 by-product suppressor 副产物抑制剂
 bythium(=eka-tellurium) 类碲(假定的碲属元素名)
 bytownite 倍长石

- confidence probability 置信概率
 confidence region 置信区域
 configuration 构型*
 configurational disorder 构型无序
 configurational elasticity 构型弹性
 configurational entropy 构型熵
 configurational free energy 构型自由能
 configurational partition function 构型配分函数
 configurational polydispersity 构型多分散性
 configurational randomness 构型混乱度
 configurational unit 构型单元
 configuration coordinate 位形坐标*
 configuration interaction 组态相互作用*; 构型作用
 configuration of polymer chain 高分子链的构型
 confined chain 受限链
 confined-growth crystallinity 限制生长结晶度
 confined state 受限态
 confining liquid 封闭液
 confirmatory reaction 证实反应
 confirmatory test 证实试验
 conflagrantly 速燃的
 conflagration 快速燃烧; 暴燃
 conflicting stream 逆流
 confocal laser Raman spectrometer 共焦激光拉曼光谱仪
 confocal laser scanning microscopy 共焦激光扫描显微镜
 conformability 顺应性; 适合性; 贴身性
 conformal coating 保形涂料; 保角涂料
 conformal ionic solution theory 共形离子溶液(理)论
 conformal solution 共形溶液*
 conformance 密贴性
 conformation 构象*
 conformational analysis 构象分析*
 conformational array 构象阵列; 构象排列
 conformational disorder 构象无序*
 conformational effect 构象效应*
 conformational energy 构象能
 conformational entropy 构象熵
 conformational freedom 构象自由(度)
 conformational inversion 构象反转*
 conformational isomer 构象异构体
 conformational repeating unit 构象重复单元*
 conformational transmission 构象传递*
 conformation analysis 构象分析
 conformation of polymer chain 高分子链的构象
 conformation parameter 构象参数
 conformation statistics 构象统计
 conformation theory 构象理论
 conformer 构象异构体
 conforming article 合格品
 conformity coefficient 适合系数
 conformity index 匹配指数
 confounded design 混杂设计
 congealer (=refrigerator) ①冷却器②冷藏箱
 congealing (=congelation) 冻凝(作用)
 congealing point 冻(凝)点
 congealing temperature (=congelation temperature) 冻凝温度
 congelation 冻凝作用*
 congelation point 冻凝点
 congelation temperature (=congealing temperature) 冻凝温度
 congeners 同族元素
 conglobation 球形; 球形体; 团聚
 conglomerate ①(使)凝聚成团②砾岩③砾岩的
 conglomerone 团聚酮
 conglutinating complement absorption test 胶固补体吸收试验
 conglutination 共凝集作用; 黏合; 黏附; 固结
 conglutinin 共凝集素; 团聚素
 congo ①刚果红②刚果
 congo brown 刚果棕
 congoicidine 刚果素
 congo copal 刚果玷巴(脂)
 congo-copallic acid 刚果玷巴酸
 congo-copallic acid 刚果玷巴油酸
 congo ester 刚果脂; 玷巴脂
 congo ester resin 刚果酯树脂
 congo gum 刚果树胶
 congolene 刚果烯
 congo red 刚果红*
 congo red damage test 刚果红(纤维)损伤测定
 congo-red test paper 刚果红试纸
 congo rubine 刚果玉红(染)
 congo yellow 刚果黄
 congressane 会议烷; 五环金刚烷; 五环十四烷
 congruent melting point 相合熔点(固液同成分熔点)
 congruent point (水合物的)同成分点
 congruity of parallel test 平行试验的差别
 conhydrine 羟毒芹碱
 conhydrinone 毒芹羟碱酮; 康海君酮
 conic acid (=conic acid) 毒芹酸
 conical (圆)锥形的
 conical beaker 锥形烧杯
 conical beam 锥形喷束

coordinate electrovalent bond 配位电价键
 coordinate factor 配位因子
 coordinate formula 配位式
 coordinate link (=coordinate bond) 配位键
 coordinate linkage (=coordinate link) 配位键
 coordinately linked 配位地; 键合的
 coordinate motion 协调动作
 coordinate paper 坐标纸
 coordinate plane 坐标平面; 标轴面
 coordinate polymerization 配位聚合
 coordinate repression ①电价阻遏②配位阻遏; 协同抑制
 coordinate scale 坐标标度(刻度); 坐标(比例)尺
 coordinate system 坐标系
 coordinate valence 配位价
 coordinate valence force 配位价力
 coordinating atom 配位原子
 Coordinating Fuel and Equipment Research Committee
 燃料及设备研究协调委员会
 Coordinating Lubricant and Equipment Research
 Committee 润滑剂及设备研究协调委员会
 coordinating polyhedron 配位多面体*
 coordination 配位作用*
 coordination agent 配位剂*
 coordination anion 配(位)阴离子*
 coordination bond 配位键*
 coordination catalysis 配位催化*
 coordination catalyst 配位催化剂
 coordination cation 配(位)阳离子*
 coordination center 配位中心*
 coordination chemistry 配位化学*
 coordination complex 配位化合物
 coordination compound 配位化合物*
 coordination effect 配位效应
 coordination formula 配位式; 配价式
 coordination group 配位基
 coordination ion 配离子*
 coordination isomerism 配位异构*
 coordination lattice 配位格子; 配位晶格
 coordination link (=coordination linkage) 配位键
 coordination linkage (=coordination link) 配位键
 coordination number 配位数*
 coordination polyhedron 配位多面体
 coordination polymer 配位聚合物*
 coordination polymerization 配位聚合*
 coordination position isomerism 配位位置异构(现象)
 coordination reaction 配位反应*
 coordination shell 配位壳(层)
 coordination sphere 配位层

coordination theory 配位理论
 coordination type initiator 配位型引发剂
 coordination valence (=coordinative valency) 配(位)价
 coordinative activity 配位活性
 coordinative polymerization isomerism 配位聚合异构*
 coordinative valency (=coordination valence) 配(位)价
 coorongite 弹性藻沥青
 coot fat 黑鸭脂
 cooxen 钴辛〔氢氧化钴乙二胺络合物, $\text{Co(en)}_3(\text{OH})_2$,
 式中 en 代表乙二胺, 可做纤维素溶剂〕
 cooxidant 辅助氧化剂
 co-oxidation 共氧化*
 cop 纬管纱; 纤子
 copaene 玷吧烯
 copaiba (=copaiba balsam) 玷吧香脂
 copaiba balsam (=copaiba) 玷吧香脂
 copaiba oil (=copaiba oil) 玷吧油
 copaiva oil (=copaiba oil) 玷吧油
 copaivic acid 玷吧酸 $\text{C}_{20}\text{H}_{30}\text{O}_2$
 copal 玷吧(树脂)
 copal ester 玷吧酯
 copal gum 玷吧树脂; 玷吧树脂
 copalic acid 玷吧酸; 黄脂酸
 copalinic acid 玷吧脂酸
 copal oil 玷吧油
 copalolic acid 玷吧油酸
 copal varnish 玷吧清漆
 copane 胡椒烷
 cop dyeing 管纱染色
 copel 铜镍合金
 copellidine 2-甲基-6-乙基二氢吡啶 $\text{C}_8\text{H}_{17}\text{N}$
 copemik 镍铁合金
 copiamycin 丰富霉素
 copiapite 叶绿矾; 铁矾石
 coping 顶层; 挡板
 copious oil supply 溢流润滑作用
 coplanar 共(平)面的
 coplanar displacement 共(平)面位移
 coplanar hydrogen bond 共(平)面氢键
 coplanarity 共(平)面性
 coplasticizer 辅增塑剂*
 copoiva (=copaiba) 玷吧香脂
 copolyalkenamer 共聚烯烃
 copolyalkylene oxide 共聚氧化烯
 copolyamide 共聚多酰胺
 copolyamide fibre 共聚酰胺纤维
 copolycondensation 共缩聚*
 copolyester 共聚酯

- course of reaction 反应过程
 course plate 导流板; 流向板
 course spacing 圈高
 courtzilite 一种沥青变态物
 covalant carbides 共价型碳化物
 covalant character 共价特性
 covalant hydrides 共价型氢化物
 covalant oxides 共价型氧化物
 covalence 共价
 covalency 共价(性)
 covalent 共价的
 covalent bond (=covalent link; covalent linkage) 共价键
 covalent carbide 共价碳化物
 covalent combination 共价(键)化合
 covalent complex 共价配合物
 covalent compound 共价化合物
 covalent coordination bond 共价配位键*
 covalent crystal 共价晶体*
 covalent force 共价力
 covalent formula 共价式
 covalent interaction 共价相互作用
 covalent link (=covalent bond) 共价键
 covalent linkage (=covalent bond) 共价键
 covalently bound surface modifying agent 共价键表面改性剂
 covalently linked 以共价键联系的
 covalent molecule 共价分子
 covalent radius 共价半径*
 covalent ring structure 共价环状结构
 covalent union 共价结合; 共价(键)化合
 covar 〔商〕 科伐(铁镍钴)共膨胀合金
 covariance 协方差*
 covariance matrix 协方差矩阵
 covariant derivative 协变导数
 covariant differentiation 协变微分
 covariation 相关变异; 并发变异; 协变
 covellite (=covellite) 铜蓝; 靛铜矿⁺
 covellite (=covellite) 铜蓝; 靛铜矿⁺
 cover 盖; 套
 coverage 覆盖度
 coverage density ①覆盖密度②表面电荷密度
 coverage factor 覆盖因子
 coverage rate 覆盖率; 涂布面积; 遮盖力
 cover coat 表护层; 保护层
 cover coat enamel ①面层珐琅; 面釉②罩面瓷漆
 covered ①涂抹了的②覆盖了; 掩盖了的
 covered arc welding 手工电弧焊
 covered elastic yarn 包纱橡筋线
 covered yarn 固纱
 cover glass ①保护玻璃②盖玻片
 covering ①掩盖②套
 covering agent 遮盖剂
 covering flux ①覆盖熔剂②覆盖焊药
 covering machine 包线机
 covering power 遮盖力; 覆盖能力
 covering strip 盖板; 盖条
 cover layer (=cover lay) 覆盖层; 包封膜
 cover light ①涂层过薄②过轻
 cover mould 盖模; 前模
 cover paper 书面纸
 cover plate 盖板
 coverplate oven 盖片炉
 cover sheet (塑料贴面板透明)保护层; 层压板面板; 覆盖薄片
 cover slip 条状盖板
 covert 细斜
 covolume 协体积
 covulcanizability 共硫化性
 cow “母牛”(可从中提取短寿命放射性同位素的母体同位素)
 Cowan screen 寇文(离心式)圆筛
 cowhide 牛皮
 cow leather 牛皮
 Cowper blast air heater 热风炉
 Cowper stove 考珀(鼓风)炉
 cowrie 胶砧砵; 玛瑙贝
 cowslip 西洋樱草; 莲香花
 Cox chart 柯克斯蒸汽压图
 coxcomb 鸡冠状纹; 梳状纹
 cozy 保温套
 cozymase 辅酶
 C-polymer 缩聚物
 C-polymerization (=condensation polymerization) 缩聚作用
 CPVC of multicomponent pigment system 多成分(组分)的颜料体系的临界颜料体积浓度
 CPVC of resin emulsion paint 树脂乳胶漆的临界颜料体积浓度
 crab ①蟹②蟹肉③(野生)酸苹果; 酸苹果树
 crabbing machine 煮呢机
 crab oil 山楂油; 烛果油(取自 *Carapa guaynensis* 的种子)
 crab wood oil 山楂树油
 crack ①龟裂; 裂纹②裂化; 裂解
 crackability 可裂化性; 热裂容易度
 crackability of stock 燃料的裂化度
 crack appearance 龟裂显现

manganous fluosilicate 氟硅酸亚锰
 manganous glycerinophosphate 甘油磷酸亚锰
 manganous hydroxide 二氢氧化锰; 二羟化锰
 $\text{Mn}(\text{OH})_2$
 manganous hypophosphite 次磷酸锰
 manganous lactate 乳酸锰 $\text{Mn}(\text{C}_3\text{H}_5\text{O}_3)_2$
 manganous lead resinate 树脂酸铅与树脂酸亚锰的混合物
 manganous linoleate 亚油酸锰 $\text{Mn}(\text{C}_{18}\text{H}_{31}\text{O}_2)_2$
 manganous metaphosphate 偏磷酸亚锰
 manganous nitrate 硝酸锰 $\text{Mn}(\text{NO}_3)_2$
 manganous oxalate 草酸锰 MnC_2O_4
 manganous oxide 一氧化锰 MnO
 manganous phenolsulfonate 苯酚磺酸锰
 $\text{Mn}(\text{OHC}_6\text{H}_4\text{SO}_3)_2$
 manganous phosphate 磷酸锰 $\text{Mn}(\text{PO}_3)_2$; $\text{Mn}_3(\text{PO}_4)_2$;
 $\text{Mn}_2\text{P}_2\text{O}_7$
 manganous pyrophosphate 焦磷酸亚锰
 manganous silicate 硅酸锰 MnSiO_3 ; Mn_2SiO_4
 manganous sulfate 硫酸锰 MnSO_4
 manganous sulfide 一硫化锰 MnS
 manganous sulfite 亚硫酸锰 MnSO_3
 manganous sulfophenate 苯酚磺酸锰
 $\text{Mn}(\text{OHC}_6\text{H}_4\text{SO}_3)_2$
 manganous tartrate 酒石酸锰 $\text{MnC}_4\text{H}_4\text{O}_6$
 mangcom 混合粒
 mangiferin 芒果苷 $\text{C}_{19}\text{H}_{18}\text{O}_{11}$
 mangle 轧液机; 研光机
 mangler ①研光机(造纸及纺织)②压延机(橡胶)
 mangnotantalite 锰钽铁矿
 mango(=common mango) 芒果
 mango butter 芒果脂
 mango gum 芒果胶
 mangosa oil 楝子油
 mangosteen oil 山竹果油
 mangosteen tree 倒捻子
 mangostin 楝子素; 倒捻子素
 mangrove 红树; 栲树
 mangrove bark 栲树皮
 mangrove bark extract 栲树皮浸膏
 mangrove extract 栲树(皮)栲胶
 manhole (进)入孔; 人孔
 man-hole opening 人孔口
 man hour 工时
 manicure preparations 指甲化妆品
 manifold 歧管; 多支管; 复式接头; 管线
 manifold clamp 歧管夹; 管托架
 manifold depression 歧管抽空; 支管抽空

manifold exhaust 歧管排气
 manifold heat control 歧管加热控制
 manifold ignition test 歧管点火试验
 manifolding 歧管装置
 manifold paper 复印纸; 打字纸(俗)
 manifold pressure 歧管压力; 排出管道的压力
 manifold vacuum 歧管真空; 排出管道的真空
 manifold valves 歧管阀; 汇流阀
 manihoc(=manihot) 木薯
 manihot(=manihoc) 木薯
 manihot oil 木薯油
 manihot rubber 木薯橡胶
 manila 蕉麻纸; 马尼拉(麻)纸
 manila board 蕉麻纸板
 manila copal 马尼拉站巴
 manila elemi oil 马尼拉榄香油
 Manila gum 马尼拉树胶
 manila hemp ①麻蕉(植)②蕉麻(指纤维)
 manila kopal 马尼拉站巴
 manila paper 蕉麻纸; 马尼拉纸
 manila resin 马尼拉树脂
 manila rope 蕉麻绳; (白)棕绳
 manila wrapping 蕉麻包装纸
 manila writing 蕉麻写字纸
 manioc(=mariocca) ①木薯②木薯淀粉
 mariocca(=manioc) ①木薯②木薯淀粉
 manipulation (用手)操作; 手术
 manipulator 机械手^{*}; 操纵者; 控制器
 manjak 硬化沥青
 manjakite 黑云紫苏岩
 man-made 人造的
 man-made cellulose fibre 人造纤维素纤维
 man-made element 人造放射性元素^{*}
 man-made fiber 人造纤维
 man-made fibre 人造纤维
 man-made flock 化学纤维屑
 man-made pollutant 人为污染物
 man-made rubber 合成橡胶
 manna ash 花白蜡树
 manna croup 碎麦米
 mannan 多缩甘露糖; 甘露聚糖
 mannase 甘露聚糖酶
 Mannheim absorption system 曼海模吸收装置
 Mannich base 曼尼希碱^{*}
 Mannich base complex 曼尼希基配合物
 Mannich condensate 曼尼希缩合物
 Mannich reaction 曼尼希反应
 mannide 二缩甘露醇

- 离-质量鉴定法*
- mass separation-mass spectra characterization 质量分离的质谱检测技术
- mass spectra 质谱
- mass spectral 质谱的
- mass spectral search system 质谱检索系统
- mass spectrogram 质谱(图)
- mass spectrograph 质谱仪*
- mass spectrography 质谱法
- mass spectrometer 质谱仪
- mass spectrometric analysis 质谱分析
- mass spectrometric computation 质谱分析计算
- mass spectrometric data 质谱数据
- mass spectrometric detection 质谱检测
- mass spectrometric detector 质谱检测器
- mass spectrometric measurement 质谱测量
- mass spectrometric thermal analysis 质谱热分析
- mass spectrometry ①质谱法②质谱分析法
- mass spectrometry data centre 质谱分析数据中心
- mass spectrometry-mass spectrometry(MS-MS) 质谱-质谱法; 质谱-质谱联用法
- mass spectrophotometer 质谱分光光度计
- mass spectroscopy 质谱仪
- mass spectroscopic detector 质谱检测器
- mass spectroscopy ①质谱学②质谱分析③质谱(分析)法
- mass spectrum digitizer 质谱数字转换器
- mass spectrum line 质谱线
- mass splitting 质谱分裂
- mass stability 质谱稳定度
- mass standard 质量标样
- mass stopping power 质量阻止本领*
- mass synchronometer 同步质谱计
- mass thickness image 质厚衬度像
- mass-to-charge ratio 质荷比(m/e)
- mass tone ①主色; 主色相; 表光; 表观色相②原色; 浓色③墨色
- masstone color 主色; 浓色; 原色(未经冲淡的颜色)
- masstone paint 原色漆; 单色漆; 浓色漆(单一彩色不含白色颜料的漆)
- masstone pigment 主色颜料(未用白色颜料冲淡的颜料)
- mass transfer 传质; 质量传递
- mass-transfer by convection 对流传质
- mass-transfer by diffusion 扩散传质
- mass-transfer by migration 电迁移传质
- mass transfer coefficient 传质系数
- mass transfer effect 传质效应
- mass transfer factor 传质因子
- mass transfer process 传质过程
- mass transfer resistance 传质阻力
- mass transfer term 传质项
- mass transfer theory 质量传递理论; 传质理论
- mass-transfer valve plate 传质浮阀塔盘
- mass transfer velocity 传质速度
- mass transport mechanism 质量传递机理; 传质机理
- mass unit 质量单位
- mass velocity 质量速度
- mass vibrometer 质量振动计; 质量测振计
- mass-yield distribution 质量-产额分布
- masterbatch ①母炼胶(橡胶)②母粒; 浓色体
- masterbatch color 母炼胶色料
- master batching 母炼胶的制备
- masterbatch technique 浓色体技术
- master color paint 桅色漆(黄铜色油漆)
- master creep curve 叠合蠕变曲线
- master gear 大齿轮
- master grind 原色浆; 研磨(色)浆; 主色浆
- master meter 主表; 标准仪表; 检验表
- master mix 高低速双轴混合分散机
- master model 原型; 标准模型
- master plan ①总平面图②总计划; 总体规划
- master plate 标准干板
- master sample 标准样品; 标准试样
- master-slave manipulator 随动式机械手*
- master valve 主阀; 总阀
- master variable 主变量
- master viscosimeter 毛细管型主黏度计; 大型(毛细管)黏度计
- masterwort oil 欧前胡油
- mastic ①黏合剂; 胶黏水泥②厚浆涂料(涂料)③腻子④乳香
- mastic acid 乳香酸
- mastic adhesive 腻子胶黏剂
- masticadienonic acid 乳香二烯酮酸
- masticated copal 塑炼玷巴脂; 素炼玷巴(树)脂
- mastication 素炼*
- mastication of natural resin 天然树脂的素炼(塑炼)
- mastication of resin 树脂塑炼; 树脂捏炼
- masticator ①撕捏机②素炼机
- mastic coating 厚浆涂料
- mastic gum ①乳香; 玛瑙脂②黏合剂
- mastiche oil(=mastix oil) 乳香油
- mastic-impregnated tape 浸胶胶带
- masticinic acid 乳香酸 $C_{23}H_{36}O_4$
- masticolic acid 乳香醇酸 $C_{23}H_{36}O_4$

繁殖方法 种子繁殖。选20~50年生植株,以结实多、含油量高、无病虫害的作留种树。9~10月采收果皮由绿色变黄绿或黄色时的成熟果实,随采随播,或用湿沙层积贮藏至次年1~2月播种。条播,按行距15~18cm开条沟,沟深4cm,按株距3~4cm播种子1粒,用草灰拌细土覆盖,厚度约3cm,再用稻草覆盖。在幼苗出土前,要经常淋水,促进发芽。出苗后撤去覆盖物,立即插树枝或搭棚遮阳,至11月再拆去。苗床要经常松土除草,并结合施肥,早期以氮肥为主,后期以磷、钾肥为主。移苗造林季节在2月新芽未萌动前进行。果实用林用2年生苗,一般行株距各为5m左右;叶用林用3年生苗,行株距各为1.33m左右。

田间管理 定植后3年内宜有天然荫蔽树遮阳,可与农作物间作,3年后要求全光照。每年中耕除草2次(1~2月及7~8月)。追肥2次,在采果后可施绿肥、厩肥及过磷酸钙等肥料。每隔3~5年垦复施肥1次,要及时截干打顶、整形。

病虫害防治 病害有炭疽病,可喷1:1:150波尔多液防治,每星期1次,喷2~3次。虫害有八角尺蠖及金花虫为害。

【采收加工】 栽培8年有少量结果,10年进入盛果期,可连续采收50~70年。一年结果2次。春果在2~4月间果实成熟时采收,晒干。秋果在8~10月采收,采后置沸水锅中煮沸,搅拌5~10分钟后,捞出,晒干或烘干。

【药材】 八角茴香 *Anisi Stellati Fructus* 主产于广西、云南。

性状 聚合果由8个蓇葖果组成,放射状排列于中轴上,蓇葖果长1~2cm,高0.3~1cm;外表面红棕色,有不规则皱纹,顶端呈鸟喙状,上侧多开裂;内表面淡棕色,有光泽;质硬而脆。果梗长3~4cm,弯曲,常脱落。每个蓇葖果含种子1粒,扁卵圆形,长约6mm,红棕色或黄棕色,光亮尖端有种脐;胚乳白色,富油性。气芳香,味辛、甜。

鉴别 (1)粉末特征:红棕色。内果皮细胞长柱形,长200~546 μ m,壁稍厚,纹孔口十字状或人字状。种皮石细胞黄色,表面观类多角形,壁极厚,波状弯曲,胞腔分枝状,内含棕黑色物质;断面观长方形,壁不均匀增厚。果皮石细胞类长方形、长圆形或分枝状,壁厚。纤维长,单个散在或成束,直径29~60 μ m,壁木化,有纹孔。中果皮细胞红棕色,散有油细胞。内胚乳细胞多角形,含脂肪油滴和糊粉粒。

(2)取本品粗粉15g,加石油醚(60~90 $^{\circ}$ C)-乙醚(1:1)混合液15ml,密塞,振摇15分钟,滤过,滤液于热水浴上挥干,残渣加无水乙醇2ml使溶解,作为供试品溶液。吸取供试品溶液2 μ l,点于硅胶G薄层板上,挥干,再点加用苯三酚盐酸试液2 μ l,即显红色至紫红色的圆环。

(3)紫外光谱:精密吸取上述供试品溶液10 μ l,置10ml量瓶中,加无水乙醇至刻度,摇匀,测定紫外光谱,在259nm波长处有最大吸收峰。

(4)薄层色谱:取上述供试品溶液5~10 μ l,另取茴香醛无水乙醇溶液为对照液,分别点于同一硅胶G薄层板上,以石油醚(30~60 $^{\circ}$ C)-丙酮-乙酸乙酯(19:1:1)为展开剂,用间苯三酚盐酸试液显色,供试品色谱中,在与对照品色谱相应位置上,显相同的橙红色至橙红色斑点。

品质标志 《中华人民共和国药典》2010年版规定:本品挥发油不得少于4.0%(ml/g);照气相色谱法测定,含反式茴香脑(C₁₀H₁₂O)不得少于4.0%。

【成分】 果实主含黄酮类化合物:槲皮素-3-O-鼠李糖苷(quercetin-3-O-rhamnoside),槲皮素-3-O-葡萄糖苷(quercetin-3-O- β -glucoside),槲皮素-3-O-半乳糖苷(quercetin-3-O-galactoside),槲皮素-3-O-木糖苷(quercetin-3-O-xyloside),槲皮素(quercetin),山柰酚(kaempferol),山柰酚-3-O-葡萄糖苷(kaempferol-3-O-glucoside),山柰酚-3-O-半乳糖苷(kaempferol-3-O-galactoside),山柰酚-3-芸香糖苷(kaempferol-3-rutinoside);还含有有机酸类化合物:3或4或5-

咖啡酰奎宁酸(caffeoylquinic acid),3或4或5-阿魏酰奎宁酸(feruloylquinic acid),4-(β -D-吡喃葡萄糖基)-苯甲酸(4-(β -D-glucopyranosyloxy)benzoic acid),羟基桂皮酸(hydroxycinnamic acid),羟基苯甲酸(hydroxybenzoic acid)等;又含挥发油:其中主成分是反式茴香脑(trans-anethole),还有对丙烯基苯基异戊烯醚(foeniculin), α 及 β -蒎烯(pinene),莰烯(camphene),月桂烯(myrcene), α -水芹烯(α -phellandrene), α -柠檬烯(α -limonene),3-蒎烯(Δ^3 -carene),桉叶素(cineole),4(10)-侧柏烯[4(10)-thujene], α -松油烯(α -terpinene),芳樟醇(linalool), α -松油醇(α -terpinol),4-松油醇(4-terpinol),爱草脑(estragole),顺式茴香脑,茴香醛(anisaldehyde), α -香柑油烯(α -bergamotene),顺式 β -金合欢烯(cis- β -farnesene),反式丁香烯(trans-caryophyllene),对苯二醛(terephthalaldehyde), β -甜没药烯(β -bisabolene), α -葑草烯(α -humulene),3-甲氧基苯甲酸甲酯(methyl 3-methoxy benzoate), β -葑子烯(β -selinene), α -蒎烯(α -copaene),对甲氧基苯-2-丙酮(p-methoxyphenylpropan-2-one), δ 及 γ -葑烯烯(cadinene), β -愈创木烯(β -guaiene),橙花叔醇(nerolidol),榄香醇(eltanol),甲基异丁香油酚(methylisoeugenol), β -橄欖烯(β -maaliene),胡萝卜次醇(carotol),柏木醇(cedrol),对甲氧基桂皮醛(p-methoxycinnamaldehyde),香叶烯(myrcene),对聚伞花素(p-cymene),樟脑(camphor),龙脑(borneol),异龙脑(isoborneol),黄樟醚(safrole),苯丙烯(phenylpropene)(E)-茴香脑[(E)-anethole]。另含倍半萜内酯类:八角茴香毒素(veranisatin)A、B、C。甾醇类: β -谷甾醇(β -sitosterol),菜油甾醇(campesterol)。又含木脂素类。

【药理】 1. 抑菌作用 挥发油(1:160)对金黄色葡萄球菌、大肠杆菌、变形杆菌有抑制作用。本品水煎剂对大型结核杆菌及枯草杆菌有抑制作用。醇提取物在体外对革兰阳性菌(如金黄色葡萄球菌、肺炎链球菌、白喉杆菌等)和革兰阴性菌(如枯草杆菌、大肠杆菌、霍乱弧菌及伤寒、副伤寒、痢疾杆菌等),以及常见致病真菌均有抑制作用。

2. 升白细胞作用 茴香脑有升高白细胞的作用,给正常犬灌服茴香脑200mg/只或肌注300mg/只;正常家兔和猴肌注100mg/只,给药后24小时即出现升白现象,连续用药,白细胞可继续增加,停药后2小时白细胞仍为用药前的157%,骨髓细胞数为用药前188%,骨髓有核细胞呈活跃状态。犬用环磷酰胺所致的白细胞减少症,若同时服用茴香脑则可使犬全部存活,白细胞下降慢、恢复快。对化疗患者的白细胞减少症有较好疗效。

3. 雌激素活性 茴香脑具有雌激素活性,其活性为50小鼠单位(Mu/ml)或100大鼠单位(Ru/ml)。

4. 刺激作用 挥发油中的茴香脑具有刺激作用,能促进肠胃蠕动,缓解腹部疼痛;对呼吸道分泌细胞有刺激作用而促进分泌,可用于祛痰。

毒性 八角茴香研粉,水煮,过滤,浓缩后给小鼠灌胃25g/kg,观察7日,无1只死亡。茴香脑给小鼠灌胃的LD₅₀为4g/kg;腹腔注射的LD₅₀为1.5g/kg,茴香脑顺式异构体大鼠腹腔注射LD₅₀0.07g/kg;小鼠腹腔注射的LD₅₀为0.095g/kg,茴香脑反式异构体大鼠腹腔注射LD₅₀为2.67g/kg,小鼠腹腔注射的LD₅₀为1.41g/kg,提示顺式毒性大。茴香含少量黄樟醚,黄樟醚对大鼠和犬可诱发肝癌。对八角茴香提出的挥发油进行鼠伤寒沙门菌营养缺陷型回复突变试验(Ames试验),选用菌株为TA₉₈、TA₁₀₀,结果表明,挥发油中黄樟醚未显示出致突变作用,可能含量太少,不能引起检测菌的回复突变。

【炮制】 1. 八角茴香 取原药材,去杂质及果柄,筛去灰屑。

2. 炒八角茴香 取药材,于热锅中用文火微炒,取出放凉。

饮片性状 八角茴香参见“药材鉴别”项。炒八角茴香形如八角茴香。

贮存干燥容器内,置阴凉干燥处。

Aba-Aca

2

- 鱼 Twospot damselfish
- 31 *Abudefduf coelestinus* (Cuvier et Valenciennes) 蓝豆娘鱼 Blue damselfish
- 32 *Abudefduf cyaneus* (Quoy et Gaimard) 吻带豆娘鱼 Violet damselfish
- 33 *Abudefduf dicki* (Lienard) 弧带豆娘鱼 Dick's damselfish
- 34 *Abudefduf glaucus* (Cuvier et Valenciennes) 素豆娘鱼 Glaucous damselfish
- 35 *Abudefduf lacrymatus* (Quoy et Gaimard) 莹点豆娘鱼 Spangled damselfish
- 36 *Abudefduf leucogaster* (Bleeker) 白腹豆娘鱼 Whitely damselfish
- 37 *Abudefduf melas* (Cuvier et Valenciennes) 黑豆娘鱼 Black damselfish
- 38 *Abudefduf richardsoni* Snyder 黑边豆娘鱼 Richardson's damselfish
- 39 *Abudefduf septemfasciatus* (Cuvier et Valenciennes) 七纹豆娘鱼 Sevenband damselfish
- 40 *Abudefduf sordidus* (Forsk.) 豆娘鱼 Sordid damselfish
- 41 *Abudefduf thoracotaeniatum* Fowler et Bean 胸带豆娘鱼 Bandbreast damselfish
- 42 *Abudefduf unio-cellatus* (Quoy et Gaimard) 单斑豆娘鱼 Onespots damselfish
- 43 *Abudefduf vaigiensis* (Quoy et Gaimard) 五带豆娘鱼 Waigeo damselfish
- 44 *Abudefduf xanthozona* (Bleeker) 黄带豆娘鱼 Yellowband damselfish
- 45 *Abudefduf zonatus* (Cuvier et Valenciennes) 黄斑豆娘鱼 Yellowspot damselfish
- 46 *Abyssocottus* 深水杜父鱼属
- 47 *Abyssocottus godlewskii* (Dybowski) 深水杜父鱼 Deepwater sculpin
- 48 *Acanthistius* 刺鲛属
- 49 *Acanthistius brasiliensis* (Cuvier) 刺鲛 Mero
- 50 *Acanthobrama* 刺鲷属
- 51 *Acanthobrama simoni* Bleeker 刺鲷, 逆鱼
- 52 *Acanthocephala* 棘赤刀鱼属
- 53 *Acanthocephala abbreviata* (Cuvier et Valenciennes) 小棘赤刀鱼 Least bandfish
- 54 *Acanthocephala indica* (Day) 印度棘赤刀鱼 Indian bandfish
- 55 *Acanthocephala krusensterni* (Temminck et Schlegel) 克氏棘赤刀鱼 Krusenstern's bandfish
- 56 *Acanthocephala limbata* (Cuvier et Valenciennes) 背点棘赤刀鱼 Blackspot bandfish
- 57 *Acanthoclinidae* 棘鲷科
- 58 *Acanthocybium* 刺鲛属
- 59 *Acanthocybium solanderi* (Cuvier et Valenciennes) 刺鲛 Wahoo
- 60 *Acanthodoras* 刺陶乐鲷属
- 61 *Acanthodoras cataphractus* (Linnaeus) 刺陶乐鲷 Croaking catfish
- 62 *Acanthogobio* 刺鲷属

4999 *Plecostomus* 吸口鲇属
5000 *Plecostomus plecostomus*
(Linnaeus) 吸口鲇 Sucker-
mouth catfish

5001 *Plectognathi* 愈颌类, 固颌
类

5002 *Plectorhynchus* 胡椒鲷
属

5003 *Plectorhynchus chaeto-*
donoides Lacépède 斑胡椒
鲷 Spotted sweetlip

5004 *Plectorhynchus cinctus*
(Temminck et Schlegel) 花
尾胡椒鲷 Threebanded sweetlip

5005 *Plectorhynchus diagram-*
mus (Linnaeus) 四带胡椒鲷
Fourbanded sweetlip

5006 *Plectorhynchus foetela*
(Forskål) 黄带胡椒鲷 Yellow-
band sweetlip

5007 *Plectorhynchus goldma-*
nni (Bleeker) 斜纹胡椒鲷
Goldmann's sweetlip

5008 *Plectorhynchus lineatus*
(Cuvier et Valenciennes) 条
纹胡椒鲷 Lined sweetlip

5009 *Plectorhynchus nigrus*
(Cuvier) 黑胡椒鲷 Brown
sweetlip

5010 *Plectorhynchus orienta-*
lis (Bloch) 东方胡椒鲷 Or-
iental sweetlip

5011 *Plectorhynchus pictus*
(Thunberg) 胡椒鲷 Painted
sweetlip

5012 *Plectorhynchus puncta-*
tissimus (Playfair) 密点胡
椒鲷 Freckled sweetlip

5013 *Plectorhynchus reticu-*

latus (Günther) 网纹胡椒鲷
Reticulate sweetlip

5014 *Plectorhynchus sinensis*
Zhu, Wu et Jin 中华胡椒鲷
Chinese sweetlip

5015 *Plectospondyli* 愈椎类

5016 *Plectrogeninae* 平头鲷亚
科

5017 *Plectrogenium* 平头鲷属

5018 *Plectrogenium nanum*
Gilbert 平头鲷 Dwarf thor-
nyhead

5019 *Plectropomus* 鳃棘鲈属

5020 *Plectropomus leopardus*
(Lacépède) 豹纹鳃棘鲈 Leo-
pard coraltrout

5021 *Plectropomus oligacan-*
thus Bleeker 线点鳃棘鲈 Few-
spine grouper

5022 *Plectropomus truncatus*
Fowler et Bean 截尾鳃棘鲈
Truncate coraltrout

5023 *Plesiomyzon* 近腹吸鳅属

5024 *Plesiomyzon baotingensis*
Zheng et Chen 近腹吸鳅

5025 *Plesiopidae* 鲛科 Longfins

5026 *Plesiops* 鲛属

5027 *Plesiops melas* Bleeker
黑鲛 Black longfin

5028 *Pleuranacanthus* 扁尾
鲀属

5029 *Pleuranacanthus scler-*
atus (Forster) 圆斑扁尾鲀
Spotted roughback blowfish

5030 *Pleuranacanthus sueze-*
nsis (Gohar) 杂斑扁尾鲀
Suez roughback blowfish

5031 *Pleurogrammus* 多线鱼
属

- (Peters) 南方拟鲈
- 5354 *Pseudohemiculter hainanensis* Nichols et Pope 海南拟鲈
- 5355 *Pseudohemiculter kweichowensis* (Tang) 贵州拟鲈
- 5356 *Pseudolabrus* 拟隆头鱼属
- 5357 *Pseudolabrus gracilis* (Steindachner) 细拟隆头鱼 Slim wrasse
- 5358 *Pseudolabrus japonicus* (Houttuyn) 粗拟隆头鱼 Bamboo leaf wrasse
- 5359 *Pseudolaubuca* 瓢鱼属
- 5360 *Pseudolaubuca engraulis* (Nichols) 寡鳞瓢鱼
- 5361 *Pseudolaubuca sinensis* Bleeker 银瓢鱼
- 5362 *Pseudomugil* 鲮银汉鱼属
- 5363 *Pseudomugil signifer* Kner 鲮银汉鱼 Blue-cyc
- 5364 *Pseudoperilampus* 石鲈属
- 5365 *Pseudoperilampus hainanensis* Nichols 海南石鲈
- 5366 *Pseudoperilampus lighti* Wu 彩石鲈
- 5367 *Pseudoperilampus typus* Bleeker 石鲈 Smallscale bitterling
- 5368 *Pseudopimelodus* 拟油鲇属
- 5369 *Pseudopimelodus raninus* (Cuvier et Valenciennes) 拟油鲇
- 5370 *Pseudoplesiopidae* 拟鲹科 False roundheads
- 5371 *Pseudopleuronectes* 黄盖鲈属
- 5372 *Pseudopleuronectes americanus* (Walbaum) 美洲黄盖鲈 Winter flounder
- 5373 *Pseudopleuronectes herzensteini* (Jordan et Snyder) 尖吻黄盖鲈 Brown sole
- 5374 *Pseudopleuronectes yokohamae* (Günther) 黄盖鲈 Marbled sole
- 5375 *Pseudopriacanthus* 拟大眼鲷属
- 5376 *Pseudopriacanthus multifasciatus* (Yoshino et Iwai) 多带拟大眼鲷 Banded bigeye
- 5377 *Pseudopriacanthus niphonius* (Cuvier et Valenciennes) 拟大眼鲷 Japanese bigeye
- 5378 *Pseudorasbora* 麦穗鱼属
- 5379 *Pseudorasbora elongata* Wu 长麦穗鱼
- 5380 *Pseudorasbora fowleri* Nichols 稀有麦穗鱼
- 5381 *Pseudorasbora parva* (Temminck et Schlegel) 麦穗鱼 Topmouth gudgeon
- 5382 *Pseudorasbora pumila* Miyadi 大麦穗鱼 Dwarf topmouth gudgeon
- 5383 *Pseudorhombus* 斑鲆属
- 5384 *Pseudorhombus arsius* (Hamilton) 大牙斑鲆 Large-tooth flounder
- 5385 *Pseudorhombus cinnamomeus* (Temminck et Schlegel) 桂皮斑鲆 Cinnamon

ana

13

ano

- A. latifrons* Steenstrup 蓝狼鱼
A. lepturus Bean 东方狼鱼同物
 异名
A. lupus Linnaeus 狼鱼
A. minor Olafsen 花狼鱼
A. orientalis Pallas 东方狼鱼
Anarrichthys 拟狼鱼属
Ancherythroculter 近红鲂属
A. kurematsui (Kimura) 高体
 近红鲂
A. nigrocauda Yih et Woo 黑
 尾近红鲂
A. wangi (Tchang) 短鳍近红鲂
Anchoviella 小公鱼属
A. chinensis (Gunther) 中华小
 公鱼
A. commersonii (Lacepede) 康
 氏小公鱼
A. guineensis 几内亚鲱
A. heteroloba (Ruppell) 尖吻
 小公鱼
A. indica (Van Hassett) 印度
 小公鱼同物异名
A. shantungensis Li 山东小公鱼
A. tri (Bleeker) 印尼小公鱼
A. zollingeri (Bleeker) 青带小
 公鱼
Ancylodon 矛牙石首鱼属
Andamia 吸盘鲷属
A. pacifica Tomiyama 太平洋
 吸盘鲷
A. rayi (Sauvage) 雷氏吸盘鲷
A. tetradactylus (Bleeker) 四指
 唇吸盘鲷
Anguilla 鳗鲡属
A. anguilla (Linnaeus) 欧洲鳗
 鲡
A. aucklandii Philippi 奥克兰
 鳗鲡
A. australis 澳洲鳗鲡
A. bengalensis Gray 孟加拉鳗
A. bicolor McClelland 二色鳗
A. b. pacifica 太平洋双色鳗鲡
A. breviceps 短头鳗
A. elphinstonei 疏斑鳗
A. fochonensis 福州鳗
A. japonica Temminck et
 Schlegel 日本鳗鲡
A. marmorata 欧洲花鳗
A. mauritiana Bennett 花鳗鲡
A. nigricaus 乌耳鳗
A. obscura 灰鳗鲡
A. pacifica Schenidt 澳洲鳗同
 物异名
A. rostrata (Le Sueur) 美洲鳗
 鲡
A. sinensis 中华鳗鲡
 Anguillidae 鳗鲡科
 Anguilliformes 鳗鲡目
 Anguilloidei 鳗鲡亚目
Anisochaetodon 异鳞蝴蝶鱼属
A. auriga (Forsk.) 黄色异鳞
 蝴蝶鱼
A. kleini (Bloch) 克氏异鳞蝴
 蝶鱼
A. lineolatus Cuvier et Valen-
 ciennes 线斑异鳞蝴蝶鱼
A. vagabundus (Linnaeus) 道
 遥异鳞蝴蝶鱼
 Anisochromidae 裸首鲉科
Anisochromis kenya 裸首鲉
 Anodontidae 上口脂鲤科同物异
 名
Anodontostoma 无齿鲮属
A. chacunda (Hamilton) 无齿
 鲮

cha

Characinidae 脂鲤科 (鲑鲤科)
 Characinoidei 脂鲤亚目
 Characondon variatus Goode 尖
 齿鲈
 Charax 脂鲤属
 C. gibbosus (Linnaeus) 脂鲤
 Chascanopsetta 大口鲈属
 C. lugubris Alcock 大口鲈
 C. prorigera Alcock 短颌大口
 鲈
 Chasmichthys 大口鰕虎鱼属
 C. dolichognathus (Hilgendorf)
 长颌大口鰕虎鱼
 C. gulosus (Guichenot) 大口
 鰕虎鱼
 Chatoessus maculatus Richard-
 son 花鲈同物异名
 C. nasus 圆吻海鲈同物异名
 Chaudhuri 鰕鳅属
 C. caudata Annandale 鰕鳅
 Chaudhuriidae 鰕鳅科
 Chaudhuriiformes 鰕鳅目
 Chauliodidae 鲳鱼科同物异名
 Chauliodontidae 鲳鱼科
 Chauliodus 鲳鱼属
 C. sloani Bloch et Schneider
 鲳鱼
 Chaunacidae 单棘鲳鱼科
 Chaunax 单棘鲳鱼属
 C. abei Le Danois 阿部氏鲳鱼
 C. fimbriatus Hilgendorf 单棘
 鲳鱼
 C. pictus Lowe 圆头单棘鲳鱼
 Cheilinae 唇鱼亚科
 Cheilinus 唇鱼属 (濊鱼属)
 C. bimaculatus Cuvier et Va-
 lenciennes 双斑唇鱼
 C. celebicus Bleeker 长吻唇鱼

cha

C. chlorurus (Bloch) 绿尾唇鱼
 (绿濊鱼)
 C. diagramma (Lacepede) 多
 线唇鱼 (多线濊鱼)
 C. fasciatus (Bloch) 横带唇鱼
 (斑濊鱼)
 C. mentalis Ruppell 侧斑唇鱼
 C. oxycephalus Bleeker 尖头
 唇鱼
 C. rhodochrous Gunther 红唇鱼
 C. trilobatus Lacepede 三叶唇
 鱼 (三叶濊鱼)
 C. undulatus Ruppell 波纹唇鱼
 Cheilio 管唇鱼属 (唇濊鱼属)
 C. inermis (Forsk.) 管唇鱼
 (唇濊鱼)
 Cheilobranchidae 鰕鳃科同物异名
 Cheilodactylidae 唇指鲷科
 Cheilodactylus 唇指鲷属
 C. macropterus Gunther 唇指
 鲷 (大鰕唇鲷)
 Cheilopecter 巨牙天竺鲷属
 C. lineatus (Linne) 巨牙天竺
 鲷
 C. macrodon (Lacepede) 巨
 牙天竺鲷同物异名
 Cheileprion 锯唇鱼属
 C. labiatus (Day) 锯唇鱼
 Cheilostomata 唇口目
 Cheimarrichthyidae 鲂鱼科
 Cheimarrichthys 鲂鱼属
 C. forsteri Sterba 鲂鱼
 Cheiracanthiformes 肢棘目
 Cheirodon axelrodi 新日光灯鱼
 Cheirodontontidae 鲳鲤科同物异
 名
 Cheirolepidae 手鳞科
 Chela sladoui (Day) 长锯鲷属

Chimaeroidae 银鲛亚目
 Chimarrichthyidae 鲈鱼科同物异名
 Chiridae 六线鱼科
 Chirocentridae 宝刀鱼科
 Chirocentroidea 宝刀鱼总科
 Chirocentroidei 宝刀鱼亚目
 Chirocentrus 宝刀鱼属
 C. dorab (Forsk.) 宝刀鱼
 C. hypselosoma Bleeker 高体宝刀鱼
 C. nudus (Swainson) 长颌宝刀鱼
 Chirolophidae 线鲷科同物异名
 Chirolophidae 皮须线鲷亚科
 Chirolophus japonicus Jordan 日本皮须线鲷
 Chironemidae 丝鳍鲷科
 Chiromemus 丝鳍鲷属
 C. marmoratus Ogilby 丝鳍鲷
 Chlamydoselachidae 皱鳃鲨科
 Chlamydoselachus 皱鳃鲨属
 C. anguineus (Garman) 皱鳃鲨
 Chloea 克丽鰕虎鱼属
 C. castanea (O'Shaughnessy) 栗色克丽鰕虎鱼
 C. laevis (Steindachner) 黄带克丽鰕虎鱼
 C. mororana Jordan et Snyder 网纹克丽鰕虎鱼
 C. nigripinnis Wang 黑鳍克丽鰕虎鱼
 C. sarchynnus Jordan et Snyder 肉犁克丽鰕虎鱼
 Chlopidae 奇康吉鰕科同物异名
 Chlopsis 草鰕属
 C. fierasfer Jordan et Snyder 丝尾草鰕
 C. taiwanensis Chen et Wang

台湾草鰕
 Chlorophthalmidae 青眼鱼科
 Chlorophthalmus 青眼鱼属
 C. acutifrons Hiyama 隆背青眼鱼 (青眼鱼)
 C. agassizi Bonaparte 短吻青眼鱼
 C. albatrossis Jordan et Starks 大眼青眼鱼
 C. borealis Kuronuma et Yamaguchi 北青眼鱼
 C. bricornis Norman 长青眼鱼
 C. japonicus Kamohara 日本青眼鱼
 C. nigromarginatus Kamohara 大鳞青眼鱼
 C. oblongus Kamohara 大青眼鱼
 Chlorscombrinae 鲭鲷亚科
 Chlorscombrus 鲭鲷属
 C. chrysurus Jordan 鲭鲷
 Chlorurus 大鹦嘴鱼属
 C. bicolor Ruppell 双色大鹦嘴鱼
 C. gibbus (Ruppell) 驼背大鹦嘴鱼
 Choanichthyes 内鼻孔鱼类
 Choerodon 猪齿鱼属 (隆头鱼属)
 C. anchorago (Bloch) 鞍斑猪齿鱼 (锚隆头鱼)
 C. azurio (Jordan et Snyder) 蓝猪齿鱼 (蓝隆头鱼)
 C. japonicus Kamohara 裸胸寒鲷同物异名
 C. mectembla (Jordan et Evermann) 鳞斑猪齿鱼
 C. melanostigma Fowler et Bean 大斑猪齿鱼

pet

- P. sinus* Sauvage 岩头鱼
Petromyzon 海七鳃鳗属
P. marinus Linnaeus 海七鳃鳗
Petromyzones 七鳃鳗纲
Petromyzonidae 七鳃鳗科
Petromyzoniformes 七鳃鳗目
Petromyzoninae 七鳃鳗亚科
Petromyzontidae 七鳃鳗科同物异名
Petroscirtes 跳岩鲷属 (跳鲷属)
P. breviceps (Valenciennes) 短跳岩鲷
P. cyprinoides (Cuvier et Valenciennes) 似鲤跳鲷
P. dispar Gunther 异跳鲷
P. elegans Steindachner 美鲷
 同物异名 (美跳鲷)
P. grammistes (Cuvier et Valenciennes) 条斑跳鲷
P. kollosoma Bleeker 美体跳岩鲷
P. mitratus Ruppell 冠跳岩鲷
P. springeri Smith-Vaniz 史氏跳岩鲷
P. variabilis Cantor 异跳岩鲷 (变跳鲷)
Petrus rupestris (Valenciennes) 南非强齿鲷
Phallostethidae 精器鱼科
Phallostethiformes 精器鱼目
Phallostethus 精器鱼属
P. dunckeri Regan 精器鱼
Pharopterycidae 鲂科同物异名
Pharyngognathi 咽颌类
Phasmichthys mitsukuri Jordan et Hubbs 怪银鲛
Phenacogrammus interruptus 刚果鱼

pho

- Phenacosorplus megalops* 大眼鲈
Philypnus 细齿塘鳢属
P. chalmersi (Nichols et Pope) 海南细齿塘鳢
P. glehni 葛氏鲈塘鳢同物异名
P. macrolepis Wu et Ni 大齿细齿塘鳢
Phisoodonophis boro Hamilton 印度鱼
Pholidae 锦鲷科
Pholis 锦鲷属
P. gunnellus (Linnaeus) 锦鲷
P. pictus 杂色锦鲷
Pholidinae 锦鲷亚科
Pholidophoridae 角鲷鱼科
Pholidophoriformes 叉鲷目
Photocorynidae 光棒鱼科
Photocorynus spiniceps 角鲷鱼
P. intermedius 光口鱼
Photonectes 袋巨口鱼属
P. albipennis (Doderlein) 明鳍袋巨口鱼
Phoxinus 鲃属
P. brachyurus Berg 短尾鲃
P. czekanowskii Dybowski 花江鲃
P. czekanowskii sulfunensis Berg 绥芬鲃
P. grumi Berg 吐鲁番鲃
P. grumi belimicuensis Rendahl 百灵庙鲃亚种
P. lagowskii Dybowski 拉氏鲃 (阿穆尔鲃)
P. l. chorensis Rendahl 霍尔鲃
P. l. lagowskii Dybowski 洛氏鲃
P. l. oxycephalus (Sauvage) 尖头鲃

ple
 鲈 (花斑鳃棘鲈)
P. maculatus (Bloch) 斑刺鳃
 鲈
P. melanoleucus Lacepede 黑白
 鳃棘鲈
P. oligacanthus Bleeker 线点鳃
 棘鲈
P. truncatus Fowler et Bean
 截尾鳃棘鲈
Plesiomyzon 近腹吸鳃属
P. baotingensis Zheng et Chen
 保亭近腹鳃
 Plesiopidae 鳃科
 Plesiops 鳃属
P. coeruleolineatus Ruppell 绿
 纹鳃 (绿纹七夕鱼)
P. corallicola Bleeker 冠 鳃
 (冠七夕鱼)
P. melas Bleeker 黑鳃
P. nigricans (Ruppell) 鳃鱼
Pleuragramma antarcticum 南极
 多线鱼
P. monopterygius 单鳍多线鱼
Pleurancanthus 扁尾鲀属
P. scleratus (Forster) 圆斑
 扁尾鲀
P. suexensis (Gohar) 杂斑扁
 尾鲀
Pleurogrammus 多线鱼属
P. azonus Jordan et Metz 远
 东多线鱼
P. monopterygius (Pallas) 单
 鳍多线鱼
 Pleuronectes 鲽属
P. flesus Linnaeus 河鲽
P. f. bogdanovi 河鲽
P. microcephalus 小头真鲽
P. platessa Linnaeus 鲽

P. quadrituberculatus 四突鲽
P. stellatus Pallas 星斑鲽
P. vetulus (Girard) 侧枝鲽
P. yokchamae Gunther 黄盖鲽
 Pleuronectidae 鲽科
 Pleuronectiformes 鲽形目
 Pleuronectinae 鲽亚科
 Pleuronectini 鲽亚科
 Pleuronectoidea 鲽总科
 Pleuronectoidei 鲽亚目
 Pleuronichthys 木叶鲽属
P. cornutus (Temminck et
 Schlegel) 木叶鲽
P. plata 鲽鱼
 Pleuropterygii 肋鳍类
 Pleurosicya 腹瓢鳃虎鱼属
P. boldinghi Weber 腹瓢鳃虎鱼
 Pleurotremata 侧孔类
 Plicomugil 褶唇鲃属
P. labiosus (Cuvier et Valen-
 ciennes) 褶唇鲃
 Plotosidae 六鳃锯鲨科
 Pliotrema 新孔鲨属
 Plotoidae 鳗尾鲂科
 Plotosus 鳗尾鲂属 (鳗鲂属)
P. anguillaris (Bloch) 鳗鲂
P. canius Hamilton-Buchanan
 犬鳗鲂
P. lineatus (Tunberg) 线鳗鲂
P. sanguillaris (Bloch) 鳗鲂
Plty cephalus Bassensis 沙鲃
 Pneumatophorus 鲃属
P. japonicus (Houttuyn) 日本
 鲃同物异名
P. tapeinocephalus (Bleeker)
 狭头鲃 (圆鲃)
 Podatelidae 獭鱼科
 Podothecus 鲎足沟鱼属 (足沟鱼

- 斜齿鲷
S. sorrakowah (Cuvier) 尖头
 斜齿鲷
S. walbeehmi (Bleeker) 瓦氏
 斜齿鲷
Scolopsidae 眶棘鲷科
Scolopsinae 眶棘鲷亚科
Scolopsis 眶棘鲷属
S. bilineatus (Bloch) 双线眶棘
 鲷
S. bimaculatus Ruppell 双斑眶
 棘鲷
S. cancellatus (Cuvier et Valen-
 ciennes) 栅纹眶棘鲷 (格纹
 眶棘鲷)
S. ciliatus (Lacepede) 齿颌眶
 棘鲷
S. dubiosus Weber 黑带赤尾鲷
S. eriomma Jordan et Richard-
 son 弱眶棘鲷
S. inermis (Temminck et Schlegel)
 横带眶棘鲷
S. margaritifer (Cuvier et Va-
 lenciennes) 珠斑眶棘鲷
S. monogramma (Cuvier) 单
 斑眶棘鲷
S. personatus 乌面赤尾鲷
S. taeniopterus (Cuvier et Va-
 lenciennes) 条纹眶棘鲷
S. temporalis Cuvier 花吻眶棘
 鲷
S. trilineatus Kner 三带眶棘鲷
S. vosmeri (Bloch) 伏氏眶棘
 鲷
Scomber 鲭属
S. australasicus Cuvier 澳洲花
 鲭
S. japonicus Houtty 日本花鲭
 (日本鲈)
S. malabaricus Bloch et Schnei-
 der 马拉巴裸胸鲈
S. microlepidotus Ruppell 短
 翅鲈同物异名
S. romorus commerson 康氏鲈
S. scomberus Linnaeus 鲭 (大
 西洋鲭)
S. sinensis (Scomberomorus)
 中华马鲈
S. tapeinocephalus Bleeker 狭
 头鲈 (圆鲈)
Scomberesocidae 竹刀鱼科
Scomberesocidae 竹刀鱼总科
Scomberesocidae 竹刀鱼亚目
Scomberesox 竹刀鱼属 (秋刀鱼
 属)
S. saurus (Walbaum) 竹刀鱼
 (秋刀鱼)
Scomberidae 鲭科同物异名
Scomberoides 逆沟鲈属
S. formosanus (Wakiya) 台湾
 逆沟鲈
S. lysan (Forsk.) 大口逆沟
 鲈
S. orientalis (Temminck et
 Schlegel) 逆沟鲈
S. santi-peteri (Cuvier et Va-
 lenciennes) 圣彼得逆沟鲈
S. tol (Cuvier) 托尔逆沟鲈
S. toloparah (Ruppell) 南方
 逆沟鲈
Scomberomorus 马鲈属 (鲈鲛属)
S. cavalla (Cuvier) 大耳马鲈
 (卡瓦拉马鲈)
S. chinensis Cuvier et Valen-
 ciennes 中华马鲈 (中华鲈鲛)
S. commersoni (Lacepede) 康

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<i>H. poecilopterus</i> (Temminck et Schlegel) 花鳍海猪鱼 (异鳍海猪鱼)	<i>H. affinis</i> (Gunther) 异鳞海蜥鱼 (海蜥鳗)	
<i>H. purpurascens</i> (Bleeker) 体珠海猪鱼	<i>Halosaurus</i> 海蜥鱼属	
<i>H. scapularis</i> (Bennett) 颈带海猪鱼	<i>H. affinis</i> 海蜥鳗同物异名	
<i>H. tenuispinis</i> (Gunther) 细鳍海猪鱼	<i>H. oweni</i> 海蜥鱼	
<i>H. trimaculatus</i> (Quoy et Gaimard) 三斑海猪鱼	<i>H. sinensis</i> Abe 中华海蜥鱼	
<i>Halicmetus</i> 牙棘茄鱼属	<i>Halsydridae</i> 姥鲨科同物异名 (鼠鲨科同物异名)	
<i>H. reticulatus</i> Smith et Radcliffe 牙棘茄鱼	<i>Hamibarus</i> 鲷属 (鲷属)	
<i>Haliutaea</i> 棘茄鱼属	<i>H. barbus</i> 日本鲷	
<i>H. fitzsimonsi</i> (Gilchrist et Thompson) 费氏棘茄鱼	<i>H. labco</i> 唇鲷	
<i>H. fumosa</i> Alcock 烟纹棘茄鱼	<i>H. longirostris</i> 长吻鲷	
<i>H. indica</i> Annandale et Jenkins 突额棘茄鱼	<i>H. macracanthus</i> 大刺鲷	
<i>H. jumosa</i> 细纹棘茄鱼	<i>Hampala</i> 南方鲃属	
<i>H. nigra</i> 黑棘茄鱼	<i>H. bimaculata</i> 双斑大头须鲃	
<i>H. sinica</i> Tchang et Chang 中华棘茄鱼	<i>H. lopezi</i> Herre 罗氏大头鲃	
<i>H. stellata</i> (Vahl) 棘茄鱼	<i>H. macrolepidota</i> (Van Hasselt) 南方鲃	
<i>Haliichthys</i> 线海龙属	<i>Hapalogenys</i> 髯鲷属	
<i>H. taeniophorus</i> Gray 线海龙	<i>H. cinctus</i> (Temminck et Schlegel) 花尾胡椒鲷	
<i>Halimochirurgus</i> 管吻鲈属	<i>H. kishinouyei</i> Smith et Pope 纵带髯鲷	
<i>H. alcocki</i> Weber 管吻鲈	<i>H. maculatus</i> Richardson 纵带髯鲷	
<i>H. triacanthus</i> 三刺管吻鲈	<i>H. mucronatus</i> (Eydoux et Souleyet) 横带髯鲷	
<i>Haliophidae</i> 单棘鲷科	<i>H. nigripinnis</i> (Temminck et Schlegel) 黑鳍髯鲷	
<i>Haliophiidae</i> 单棘鲷科同物异名	<i>H. nitens</i> (Richardson) 斜带髯鲷	
<i>Haliophis</i> 单棘鲷属	<i>Haplobrotula armata</i> 单须鲷	
<i>H. guttatus</i> 单棘鲷	<i>Haplochitonidae</i> 单甲鱼科同物异名 (鲟鲑科)	
<i>Haliotis cracherodii</i> 黑鲑	<i>Haplochromis multicolor</i> 埃及口鲷	
<i>Halosauridae</i> 海蜥鱼科	<i>Haplocylininae</i> 半杯喉盘鱼亚科	
<i>Halosauriformes</i> 海蜥鱼目	<i>Haplodactylidae</i> 鹰鳐科同物异名	
<i>Halosauropsis</i> 异鳞海蜥鱼属		

- P. polyactis* Bleeker 小黄鱼
P. undovittata (Lin) 小黄鱼同物异名
Pseudosciaeninae 黄鱼亚科
Pseudosetipinna 拟黄鲫属
P. haizhouensis Peng et Zhao 海州拟黄鲫
Pseudolithus elongatus 埃隆戈拟牙鲷
P. senegalensis 塞内加尔拟牙鲷
P. pseudolithus 拟牙鲷
Pseudotriacanthus 假三刺鲀属
P. strigilifer (Cantor) 尖吻假三刺鲀
Pseudotriakidae 拟皱唇鲷科
Pseudotriakis 拟皱唇鲷属
P. acrages Jordan et Snyder 拟皱唇鲷
P. microdon brito Capello 拟皱唇鲷同物异名
Pseudotropheus auratus 那沙湖鱼
Pseudoxymetopon 拟窄颅带鱼属
P. sinensis Chu et Wu 中华拟窄颅带鱼
Pseudupeneus 拟绯鲤属 (拟鲳鱼属)
P. barberinoides (Bleeker) 髯拟鲳鱼
P. barberinus 髯拟鲳鱼
P. bifasciatus 双斑拟鲳鱼
P. chrysopleuron (Temminck et Schlegel) 金边拟鲳鱼 (金线拟鲳鱼)
P. fraterculus (Cuvier et Valenciennes) 兄弟拟鲳鱼
P. indicus (Lacepede) 印度拟鲳鱼
鲳鱼
P. luteus (Cuvier et Valenciennes) 泥拟鲳鱼
P. multifasciatus (Quoy et Gaimard) 多斑拟鲳鱼
P. taeniatus (Kner) 条斑拟鲳鱼
P. trifasciatus (Lacepede) 三斑拟鲳鱼
Psilcephalini 柳叶鲀亚科
Psilcephalus 须鲀属 (柳叶鱼属)
P. barbatus (Gray) 须鲀 (长须柳叶鱼)
Psilorhynchidae 裸吻鱼科
Psilorhynchus 裸吻鱼属
P. homaloptera Hora et Mukerji 平鳍裸吻鱼
Psychithys mitsukurii (Dean) 冬银鲛
Psychrolutes 隐棘杜父鱼属
P. paradoxus Gunther 隐棘杜父鱼
Psychrolutidae 隐棘杜父鱼科
Psylorhynchidae 裸吻平鳍鲛科
Pteraclididae 高鳍鲂科
Pteragogus flagellifera 曳丝鹦鲷
Pteraspidae 鲳甲科
Pteraspides 鲳甲纲
Pteraspiformes 鲳甲目
Pteraspis rostrata (Agassiz) 鲳甲鱼
Ptereleotris 凹尾塘鳢属
P. evides (Jordan et Hubbs) 黑鳍塘鳢
P. heteropterus (Bleeker) 青鰕虎鱼
P. microlepis (Bleeker) 凹尾塘鳢

- nes 勒氏短须石首鱼
 Undia 水神鱼属
 U. gulo 水神鱼
 Upeneoides bensasi 条尾鲱鲤同物异名
 U. sulphureus 黄带鲱鲤同物异名
 U. tragula 黑斑鲱鲤同物异名
 Upeneus 鲱鲤属(鲳鱼属)
 U. barberinus 黑条副鲱鲤同物异名
 U. bensasi (Temminck et Schlegel) 条尾鲱鲤(朋氏鲳鱼)
 U. chrysopleuron 金线拟鲱鲤同物异名
 U. luzonius Jordan et Seale 吕宋鲱鲤
 U. moluccensis (Bleeker) 摩鹿加鲱鲤
 U. quadrilineatus Cheng et Wang 四带鲱鲤
 U. subvittatus (Temminck et Schlegel) 纵带鲱鲤
 U. sulphureus Cuvier et Valenciennes 黄带鲱鲤
 U. sundaicus (Bleeker) 巽他鲳鱼
 U. tragula Richardson 黑斑鲱鲤(山羊鲳鱼)
 U. vittatus (Forsk.) 斑尾鲱鲤(多带鲱鲤)
 Uranoscopus 鲳属(鲳星鱼属)
 U. bicinctus Temminck et Schlegel 双斑鲳(双斑鲳星鱼)
 U. flavipinnis 黄翼鲳
 U. guttatus Cuvier et Valenciennes 斑点鲳星鱼
 U. japonicus Houttuyn 日本鲳(日本鲳星鱼)
 U. oligolepis Bleeker 少鳞鲳(大鳞鲳星鱼)
 U. scaber (Linnaeus) 鲳
 Uranoscopidae 鲳科
 Uranoscopoidea 鲳总科
 Uraspis 尾甲鲳亚属
 U. helvolus (Forsk.) 冲鲳
 Urocampus 须海龙属
 U. nanus Gunther 须海龙
 Uroconger 尾鳐属
 U. lepturus (Richardson) 尖尾鳐
 Urogymnus 沙粒魮属
 U. africanus (Bloch et Schneider) 非洲沙粒魮
 U. asperrimus (Bloch et Schneider) 非洲沙粒魮同物异名
 Urolophidae 扁魮科
 Urolophoides 裸尾魮属
 U. giganteus Lindberg 裸尾魮
 U. mastubarai (Miyosi) 松原裸尾魮
 U. multispinosus Tokarev 多刺裸尾魮
 Urolophus 扁魮属
 U. aurantiacus Muller et Henle 褐黄扁魮
 U. jamaicensis Cuvier 牙买加扁魮
 U. marmoratus Chu, Hu et Li 斑纹扁魮
 Urophycis 长鳍魮属
 U. blennoides (Brunnich) 魮壮长鳍魮
 U. chuss (Walbaum) 红长鳍魮
 Uroplerygius marmorata Lacepede

Kum-Lab

94

- 3353 **Kumococius** 凹鳍鲷属
 3354 **Kumococius detrusus** (Jordan et Seale) 凹鳍鲷
 Banded flathead
 3355 **Kurtidae** 钓鱼科 Nurse-
 ryfishes
 3356 **Kurtoidei** 钓鱼亚目
 3357 **Kurtus** 钓鱼属
 3358 **Kurtus gulliveri** Castel-
 nau 钓鱼 Nurseryfish, Austr-
 alian foreheadbrooder
 3359 **Kurtus indicus** Bloch

- 印度钓鱼 Indian nurseryfish
 3360 **Kyphosidae** 鲹科 Rud-
 derfishes, Sea chubs
 3361 **Kyphosus** 鲹属
 3362 **Kyphosus cinerascens**
 (Forskål) 长鳍鲹 Longfin
 rudderfish
 3363 **Kyphosus lembus** (Cuv-
 ier et Valenciennes) 短鳍鲹
 Shortfin rudderfish
 3364 **Kyphosus sectatrix** (Lin-
 naeus) 鲹 Bermuda chub

L

- 3365 **Labeo** 野鲮属
 3366 **Labeo bicolor** Smith 二
 色野鲮 Redtail black labeo
 3367 **Labeo diplostomus** (He-
 ckel) 双口野鲮
 3368 **Labeo macrostome** Bou-
 lenger 大口野鲮
 3369 **Labeo niloticus** (Forskål)
 野鲮
 3370 **Labeo rohita** (Hamilton)
 南亚野鲮
 3371 **Labeo yunnanensis** Cha-
 udhuri 云南野鲮
 3372 **Labidesthes** 溪银汉鱼属
 3373 **Labidesthes sicculus** (Co-
 pe) 溪银汉鱼 Brook silverside
 3374 **Labiobarbus** 长背鲃属
 3375 **Labiobarbus lineatus**
 (Sauvage) 长背鲃
 3376 **Labracoglossidae** 贪舌
 鱼科 False butterfishes
 3377 **Labrichthys** 突唇鱼属

- 3378 **Labrichthys cyanotaenia**
 Bleeker 突唇鱼 Tubelip wr-
 asse
 3379 **Labridae** 隆头鱼科 Wr-
 asses
 3380 **Labrisomus** 鲷鲷属
 3381 **Labrisomus nuchipinnis**
 (Quoy et Gaimard) 毛鲷鲷
 Hairy blenny
 3382 **Labroides** 裂唇鱼属
 3383 **Labroides dimidiatus**
 (Cuvier et Valenciennes) 裂
 唇鱼 Cleaner wrasse
 3384 **Labropsis** 褶唇鱼属
 3385 **Labropsis manabei** Sch-
 midt 胸斑褶唇鱼 Manabe's
 wrasse
 3386 **Labrus** 隆头鱼属
 3387 **Labrus viridis** Linnaeus
 绿隆头鱼 Green wrasse, Old
 woman
 3388 **Labyrinthici** 迷器类

Fig. 8 IRGN2390Appendix38_GKJ-00207

Added by TCA.

ele	68	emp
<i>E. electricus</i> (Linnaeus) 电鳗	<i>Elephenor macropus</i> 象鱼	
Elegininae 宽突鳔亚科	<i>Eleutheronema</i> 四指马鲛属	
Eleginus 宽吻鳔属	<i>E. tetradactylum</i> (Shaw) 四指马鲛	
<i>E. gracilis</i> (Tilesius) 宽吻鳔 (远东宽突鳔)	Elipesuridae 江魮科同物异名	
<i>E. navaga</i> (Pallas) 宽突鳔	Ellochelon 黄鲮属	
Electridae 塘鳢科	<i>E. vaigiensis</i> Quoy et Gaimard 黄鲮	
Electrinae 塘鳢亚科	<i>Elopichthys</i> 鲢鱼属	
Electriodes 美塘鳢属	<i>E. bambusa</i> (Richardson) 鲢鱼	
<i>E. immaculatus</i> Ni 无斑美塘鳢	Elopidae 海鲢科	
<i>E. longipinnis</i> (Bennett) 长鳍美塘鳢	Elopiformes 海鲢目	
<i>E. muralis</i> (Quoy et Gaimard) 石壁美塘鳢	Elopoidae 海鲢总科	
<i>E. strigata</i> 红带塘鳢	Elopoidei 海鲢亚目	
<i>E. strigatus</i> (Broussonet) 纵纹美塘鳢 (丝美塘鳢)	Elopomorpha 海鲢形首目	
Electris 塘鳢属	Elops 海鲢属	
<i>E. acanthopoma</i> Bleeker 棘盖塘鳢	<i>E. hawaiiensis</i> 夏威夷海鲢	
<i>E. balia</i> Jordan et Seale 斑点塘鳢	<i>E. machnata</i> 夏威夷海鲢同物异名	
<i>E. butis</i> 嵴塘鳢同物异名	<i>E. sauius</i> Linnaeus 海鲢	
<i>E. caperata</i> Cantor 锯塘鳢同物异名	Elopsidae 海鲢科同物异名	
<i>E. davidi</i> Sauvage et Dabry 达氏塘鳢	Embicotoca 海鲫属	
<i>E. fasciatus</i> Chen 条纹塘鳢	<i>E. jacksoni</i> Agassiz 海鲫	
<i>E. fortis</i> Tanaka 壮体塘鳢	Embiotocidae 海鲫科	
<i>E. fusca</i> (Bloch et Schneider) 棕塘鳢 (褐塘鳢)	Embiotocoidae 海鲫总科	
<i>E. melanosoma</i> Bleeker 黑塘鳢	Emblomariidae 旗鲷科同物异名	
<i>E. obscura</i> 沙塘鳢	Embolichthys 台湾筋鱼属	
<i>E. oxycephala</i> Temminck et Schlegel 锐头塘鳢	<i>E. mitsukurii</i> (Jordan et Evermann) 台湾玉筋鱼 (标枪鱼)	
<i>E. swinhonis</i> 黄魮	Emissolidae 真鲨科同物异名	
<i>E. xanthi</i> Gunther 黄塘鳢	Emmelichthyidae 鲑科 (谐鱼科)	
Elephanoridae 长鳍金眼鲷科	Emmelichthys 谐鱼属	
	<i>E. nitidus</i> Richardson 谐鱼	
	<i>E. schlegeli</i> 许氏谐鱼	
	<i>E. struhsakeri</i> 斯却撒可氏鲑	
	Empetrichthyidae 鲭科同物异名	
	Empetrichthys 裸腹鲭属	

外分布于俄罗斯、朝鲜半岛、越南等。

39. *Tinca* Cuvier, 1816 丁鲶属

Tinca Cuvier, 1816, 193.

(88) *Tinca tinca* (Linnaeus, 1758) 丁鲶

Cyprinus tinca Linnaeus, 1758, 321.

Tinca tinca: Berg, 1949, 614; 杨干荣和黄宏金(见伍献文等), 1964, 11; 马桂珍(中国科学院动物研究所等), 1979, 22; 罗云林(见陈宜瑜等), 1998, 93-95.

分布: 新疆额尔齐斯河及乌伦古河; 国内多地已有养殖。国外分布于欧洲。

40. *Tribolodon* Sauvage, 1883 三块鱼属

Tribolodon Sauvage, 1883, 149.

(89) *Tribolodon brandti* (Dybowski, 1872) 三块鱼

Telestes brandti Dybowski, 1872, 215.

Leuciscus brandti: 宫地传三郎, 1940, 41; 杨干荣和黄宏金(见伍献文等), 1964, 29; 郑葆珊等, 1980, 60.

Tribolodon brandti: Chu, 1935, 120; 罗云林(见陈宜瑜等), 1998, 74-75.

别名: 滩头雅罗鱼、滩头鱼。

分布: 洄游性种类, 由河口咸淡水区进入河流繁殖; 图们江和黑龙江水系。国外分布于俄罗斯阿穆尔河及图们江等流域、日本和朝鲜。

(90) *Tribolodon hakonensis* (Günther, 1877) 珠星三块鱼

Leuciscus hakonensis Günther, 1877, 442.

Tribolodon hakonensis: Okada, 1961, 482; 郑葆珊等, 1980, 63; 罗云林(见陈宜瑜等), 1998, 73-74; 董崇智等, 2001, 98.

别名: 珠星雅罗鱼。

分布: 洄游性种类, 由河口咸淡水区进入河流繁殖; 图们江和绥芬河。国外分布于日本、朝鲜和俄罗斯。

(3) Cultrinae 鲃亚科

41. *Anabarilius* Cockerell, 1923 白鱼属

Anabarilius Cockerell, 1923, 531.

Nicholsiculter Rendahl, 1928, 118.

Rohanus Chu, 1935, 40.

(91) *Anabarilius alburnops* (Regan, 1914) 银白鱼

Barilius alburnops Regan, 1914, 260.

Ischikauia grahami: Nichols, 1943, 140.

Anabarilius alburnops: Chu, 1935, 4; 易伯鲁和吴

清江(见伍献文等), 1964, 73; 陈银瑞, 1986, 434;

陈银瑞(见褚新洛和陈银瑞), 1989, 74; 罗云林和陈银瑞(见陈宜瑜等), 1998, 140-141.

保护等级: 《中国濒危动物红皮书-鱼类》(濒危)。

分布: 云南滇池。

(92) *Anabarilius andersoni* (Regan, 1904) 星云白鱼

Barilius andersoni Regan, 1904a, 416.

Ischikauia andersoni: 张春霖, 1959, 101.

Anabarilius andersoni: Chu, 1935, 4; 易伯鲁和吴清江(见伍献文等), 1964, 74; 陈银瑞, 1986, 433; 陈银瑞(见褚新洛和陈银瑞), 1989, 69; 罗云林和陈银瑞(见陈宜瑜等), 1998, 135-136.

Anabarilius andersoni andersoni: 陈银瑞和褚新洛, 1980, 418.

分布: 云南星云湖。

(93) *Anabarilius brevianalis* Zhou et Cui, 1992 短臀白鱼

Anabarilius brevianalis Zhou et Cui(周伟和崔桂华), 1992, 49.

分布: 四川省会东县金沙江支流鲮鱼河。

(94) *Anabarilius duoyiheensis* Li, Mao et Lu, 2002 多衣河白鱼

Anabarilius duoyiheensis Li, Mao et Lu(李维贤, 卯卫宁, 卢宗民), 2002, 1.

分布: 南盘江支流。

(95) *Anabarilius goldenlineus* Li et Chen, 1995 路南金线白鱼

Anabarilius goldenlineus Li et Chen(李维贤和陈爱玲), 1995, 80.

分布: 云南南盘江支流的巴江、黑龙潭水库。

(96) *Anabarilius grahami* (Regan, 1908) 鳊白鱼

Barilius grahami Regan, 1908a, 357.

Ischikauia grahami: Nichols, 1943, 140.

Anabarilius grahami: Chu, 1935, 4; 易伯鲁和吴清江(见伍献文等), 1964, 74; 陈银瑞, 1986, 433; 陈银瑞(见褚新洛和陈银瑞), 1989, 67; 罗云林和陈银瑞(见陈宜瑜等), 1998, 134-135.

分布: 云南抚仙湖。

(97) *Anabarilius liui chenghaiensis* He, 1984 程海白鱼

Anabarilius liui chenghaiensis He(何纪昌), 1984, 105.

Anabarilius liui: 陈银瑞和褚新洛, 1980, 418; 陈银瑞(见褚新洛和陈银瑞), 1989, 62.

Fig.11 IRGN2390Appendix311_GKJ-00210

科学出版社 (Science Press):《世界鸟类名称(拉丁文、汉文、英文对照)第二版》(Birds of the World(Latin, Chinese and English Names) 2nd ed), 2002.06, No.2, ISBN 7-03-009587-1, P.13/18

And	13	Ans
Andropadus importunus	淡黑锯齿鹀	Sombre Greenbul
Andropadus latirostris	黄须锯齿鹀	Yellow-whiskered Greenbul
Andropadus masukuensis	谢莱氏锯齿鹀	Shelley's Greenbul
Andropadus milanjensis	纹颊锯齿鹀	Stripe-cheeked Greenbul
Andropadus montanus	山锯齿鹀	Mountain Bulbul
Andropadus tephrolaemus	灰喉锯齿鹀	Gray-throsted Bulbul
Andropadus virens	绿锯齿鹀	Little Greenbul
Androphobus viridis	绿背鹎	Green-backed Babbler
Anhima cornuta	角叫鸭	Horned Screamer
Anhimae	叫鸭亚目	Screamers
Anhimidae	叫鸭科	Screamers
Anhinga anhinga	蛇鹈	Anhinga
Anhinga melanogaster	黑腹蛇鹈	Asian Darter
Anhinga novaehollandiae	澳洲蛇鹈	Australian Darter
Anhinga rufa	红蛇鹈	African Darter
Anhingidae	蛇鹈科	Anhingas
Anisognathus flavinuchus	蓝翅岭裸鼻雀	Blue-winged Mountain-Tanager
Anisognathus igniventris	朱腹岭裸鼻雀	Scarlet-bellied Mountain-Tanager
Anisognathus lacrymosus	黄腹岭裸鼻雀	Lacrimose Mountain-Tanager
Anisognathus notabilis	黑颊岭裸鼻雀	Black-chinned Mountain-Tanager
Anodorhynchus glaucus	灰绿鸚鵡	Glaucous Macaw
Anodorhynchus hyacinthinus	紫蓝鸚鵡	Hyacinthine Macaw
Anodorhynchus leari	靛蓝鸚鵡	Indigo Macaw
Anomalospiza imberbis	寄生织布鸟	Parasitic Weaver
Anorrhinus galeritus	凤头犀鸟	Bushy-crested Hornbill
Anous stolidus	白顶玄燕鸥	Brown Noddy Tern
Anous tenuirostris	小玄燕鸥	Black Noddy Tern
Anser albifrons	白额雁	White-fronted Goose
Anser anser	灰雁	Graylag Goose
Anser caerulescens	雪雁	Snow Goose
Anser canagicus	皇雁	Emperor Goose
Anser cygnoides	鸿雁	Swan Goose
Anser erythropus	小白额雁	Lesser White-fronted Goose
Anser fabalis	豆雁	Beau Goose
Anser indicus	斑头雁	Bar-headed Goose
Anser rossii	细嘴雁	Ross's Goose

Apu	
Apus pacificus	白腰雨燕 Northern White-rumped Swift
Apus pallidus	苍雨燕 Pallid Swift
Apus toulsoni	罗安达雨燕 Loanda Swift
Apus unicolor	平原雨燕 Plain Swift
Aquila audax	楔尾鹫 Wedge-tailed Eagle
Aquila chrysaetos	金鹫 Golden Eagle
Aquila clanga	乌鹫 Spotted Eagle
Aquila gurneyi	格尼氏鹫 Gurney's Eagle
Aquila heliaca	白肩鹫 Imperial Eagle
Aquila pomarina	小乌鹫 Lesser Spotted Eagle
Aquila rapax	草原鹫 Tawny Eagle
Aquila verreauxii	黑鹫 Verreaux's Eagle
Aquila wahlbergi	细嘴鹫 Wahlberg's Eagle
Ara ambigua	大绿 鸚鵡 Great Green Macaw
Ara ararauna	蓝黄 鸚鵡 Blue-and-Yellow Macaw
Ara auricollis	金领 鸚鵡 Golden-collared Macaw
Ara chloroptera	红绿 鸚鵡 Red-and-Green Macaw
Ara couloni	蓝头 鸚鵡 Blue-headed Macaw
Ara macao	绯红 鸚鵡 Scarlet Macaw
Ara manilata	红腹 鸚鵡 Red-bellied Macaw
Ara maracana	蓝翅 鸚鵡 Blue-winged Macaw
Ara militaris	军用 鸚鵡 Military Macaw
Ara nobilis	红肩 鸚鵡 Red-shouldered Macaw
Ara rubrogeys	红额 鸚鵡 Red-fronted Macaw
Ara severa	栗额 鸚鵡 Chestnut-fronted Macaw
Arachnothera affinis	灰胸捕蛛鸟 Gray-breasted Spider Hunter
Arachnothera chrysogenys	小黄耳捕蛛鸟 Lesser Yellow-eared Spider Hunter
Arachnothera clarae	裸脸捕蛛鸟 Naked-faced Spider Hunter
Arachnothera crasserostris	厚嘴捕蛛鸟 Thick-billed Spider Hunter
Arachnothera everetti	埃弗氏捕蛛鸟 Everett's Spider Hunter
Arachnothera flavigaster	大黄耳捕蛛鸟 Greater Yellow-eared Spider Hunter
Arachnothera jullae	怀特氏捕蛛鸟 Whitehead's Spider Hunter
Arachnothera longirostris	小捕蛛鸟 Little Spider Hunter
Arachnothera magna	纹背捕蛛鸟 Streaked Spider Hunter
Arachnothera robusta	长嘴捕蛛鸟 Long-billed Spider Hunter
Aramidae	秧鹤科 Limpkin
Aramides axillaris	棕颈林秧鸡 Rufous-necked Wood-Rail
Aramides cajanea	灰颈林秧鸡 Gray-necked Wood-Rail

Fig.12 IRGN2390Appendix312_GKJ-00211

科学出版社 (Science Press):《世界兽类名称(拉汉英对照)》(mammals of the World(Latin, Chinese and English Names)), 1994.03, No.1, ISBN 7-03-001965-2/Q · 271, P.16/17

• 16 •

- Camelus Linnaeus 骆驼属
 Camelus bactrianus Linnaeus 双峰驼 Bactrian camel
 Camelus dromedarius Linnaeus 单峰驼 Dromedary (Arabian camel)
 Canidae 犬科
 Canis Linnaeus 犬属 Dogs, Jackals
 Canis adustus Sundevall 侧纹胡狼 Side-striped jackal
 Canis aureus Linnaeus 亚洲胡狼 Golden jackal
 Canis familiaris Linnaeus 家犬 Domestic dog
 Canis latrans Say 丛林狼 Coyote
 Canis lupus Linnaeus 狼 Wolf
 Canis mesomelas Schreber 黑背胡狼 Black-backed jackal
 Canis rufus Audubon et Bachman 红狼 Red wolf
 Canis simensis Ruppell 草原胡狼 Simian jackal (Simian fox)
 Cannomys Thomas 小竹鼠属
 Cannomys badius (Hodgson) 小竹鼠 Lesser bamboo rat
 Caperea Gray 侏露脊鲸属
 Caperea marginata (Gray) 侏露脊鲸 Pygmy right whale
 Capra Linnaeus 山羊属 Goats
 Capra caucasica Guldenstaedt et Pallas 高加索山羊 West Caucasian tur
 Capra cylindricornis (Blyth) 东山羊 East Caucasian tur
 Capra falconeri (Wagner) 捻角山羊 Markhor
 Capra hircus Linnaeus 家山羊 Wild goat (Bezoar)
 Capra ibex Linnaeus 北山羊(羴羊) Ibex
 Capra pyrenaica Schinz 西班牙山羊 Spanish ibex
 Capreolus Gray 狍属
 Capreolus capreolus (Linnaeus) 狍 Roe deer
 Capricornis Ogilby 鬣羚属 Serows
 Capricornis crispus (Temminck) 日本鬣羚 Japanese serow
 Capricornis sumatraensis (Bechstein) 鬣羚 Mainland serow
 Caprolagus Blyth 粗毛兔鼠属
 Caprolagus hispidus (Pearson) 阿萨密兔 Hispid hare
 Capromyidae 硬毛鼠科(鼯鼠科)
 Capromys Desmarest 硬毛鼠属(鼯鼠属) Cuban hutias
 Capromys angelcabrerai Varona 安氏硬毛鼠
 Capromys arboricolus (Kratohvil, Rodriguez et Barus) 荒地硬毛鼠
 Capromys auritus Varona 金黄硬毛鼠
 Capromys garridoi Varona 卡内里硬毛鼠

- Capromys melanurus* Poey 黑尾鼯鼠(丛尾硬毛鼠) Bushy-tailed hutia
- Capromys nanus* G. Allen (小鼯鼠)小硬毛鼠 Dwarf hutia
- Capromys pilorides* (Say) 古巴硬毛鼠 Desmarest's hutia
- Capromys prehensilis* Poeppig 卷尾硬毛鼠 Prehensile-tailed hutia
- Capromys sanfelipensis* Varona et Garrido 圣费利佩硬毛鼠
- Cardiocranius Satunin* 五趾心颅跳鼠属
- Cardiocranius paradoxus* Satunin 五趾心颅跳鼠 Five-toed pygmy jerboa
- Cardioderma* Peters 非洲假吸血蝠属
- Cardioderma cor* (Peters) 非洲假吸血蝠 Heart-nosed bat
- CARNIVORA 食肉目 Carnivores
- Carollia* Gray 短尾叶鼻蝠属 Short-tailed leaf-nosed bats
- Carollia brevicauda* (Schinz) 短尾叶鼻蝠
- Carollia castanea* H. Allen 艾氏短尾叶鼻蝠 Allen's short-tailed bat
- Carollia perspicillata* (Linnaeus) 昭短尾叶鼻蝠
- Carollia subrufa* (Hahn) 粉红短尾叶鼻蝠 Seba's short-tailed bat
- Carpomys* Thomas 吕宋鼠属 Luzon rats
- Carpomys melanurus* Thomas 黑吕宋鼠
- Carpomys phaeurus* Thomas 灰吕宋鼠
- Carterodon* Waterhouse 强齿棘鼠属
- Carterodon sulcidens* (Lund) 强齿棘鼠
- Casinycteris* Thomas 短腭果蝠属
- Casinycteris argynnis* Thomas 短腭果蝠 Short-palate fruit bat
- Castor* Linnaeus 河狸属 Beavers
- Castor canadensis* Kuhl 北美河狸 American beaver
- Castor fiber* Linnaeus 河狸(海狸、水狸) Eurasian beaver
- Castoridae 河狸科
- Catagonus Ameghino* 草原西犛属
- Catagonus wagneri* (Rusconi) 草原西犛 Chaco peccary
- Cavia* Pallas 豚鼠属 Guinea pigs, Cavies
- Cavia aperea* Erxleben 巴西豚鼠
- Cavia fulgida* Wagler 艳豚鼠
- Cavia guianae* 圭亚那豚鼠
- Cavia nana* Thomas 矮豚鼠
- Cavia porcellus* (Linnaeus) 豚鼠
- Cavia tschudii* Fitzinger 秘鲁豚鼠
- Caviidae 豚鼠科

Fig.13 IRGN2390Appendix313_GKJ-00212

科学出版社 (Science Press): 《世界兽类名称 (拉汉英对照)》 (mammals of the World(Latin, Chinese and English Names)), 1994.03, No.1, ISBN 7-03-001965-2/Q · 271, P.16/17

• 16 •

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 Canidae 犬科
 Canis Linnaeus 犬属 Dogs, Jackals
 Canis adustus Sundevall 侧纹胡狼 Side-striped jackal
 Canis aureus Linnaeus 亚洲胡狼 Golden jackal
 Canis familiaris Linnaeus 家犬 Domestic dog
 Canis latrans Say 丛林狼 Coyote
 Canis lupus Linnaeus 狼 Wolf
 Canis mesomelas Schreber 黑背胡狼 Black-backed jackal
 Canis rufus Audubon et Bachman 红狼 Red wolf
 Canis simensis Ruppell 草原胡狼 Simian jackal (Simian fox)
 Cannomys Thomas 小竹鼠属
 Cannomys badius (Hodgson) 小竹鼠 Lesser bamboo rat
 Caperea Gray 侏露脊鲸属
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 Capra caucasica Guldenstaedt et Pallas 高加索山羊 West Caucasian tur
 Capra cylindricornis (Blyth) 东山羊 East Caucasian tur
 Capra falconeri (Wagner) 捻角山羊 Markhor
 Capra hircus Linnaeus 家山羊 Wild goat (Bezoar)
 Capra ibex Linnaeus 北山羊(羴羊) Ibex
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 Capreolus Gray 狍属
 Capreolus capreolus (Linnaeus) 狍 Roe deer
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 Capricornis crispus (Temminck) 日本鬣羚 Japanese serow
 Capricornis sumatraensis (Bechstein) 鬣羚 Mainland serow
 Caprolagus Blyth 粗毛兔鼠属
 Caprolagus hispidus (Pearson) 阿萨密兔 Hispid hare
 Capromyidae 硬毛鼠科(鼯鼠科)
 Capromys Desmarest 硬毛鼠属(鼯鼠属) Cuban hutias
 Capromys angelcabrerai Varona 安氏硬毛鼠
 Capromys arboricolus (Kratovichil, Rodriguez et Barus) 荒地硬毛鼠
 Capromys auritus Varona 金黄硬毛鼠
 Capromys garridoi Varona 卡内里硬毛鼠

- Capromys melanurus* Poey 黑尾鼯鼠(丛尾硬毛鼠) Bushy-tailed hutia
- Capromys nanus* G. Allen (小鼯鼠)小硬毛鼠 Dwarf hutia
- Capromys pilorides* (Say) 古巴硬毛鼠 Desmarest's hutia
- Capromys prehensilis* Poeppig 卷尾硬毛鼠 Prehensile-tailed hutia
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- Cardiocranius Satunin* 五趾心颅跳鼠属
- Cardiocranius paradoxus* Satunin 五趾心颅跳鼠 Five-toed pygmy jerboa
- Cardioderma* Peters 非洲假吸血蝠属
- Cardioderma cor* (Peters) 非洲假吸血蝠 Heart-nosed bat
- CARNIVORA 食肉目 Carnivores
- Carollia* Gray 短尾叶鼻蝠属 Short-tailed leaf-nosed bats
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- Castoridae 河狸科
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- Cavia guianae* 圭亚那豚鼠
- Cavia nana* Thomas 矮豚鼠
- Cavia porcellus* (Linnaeus) 豚鼠
- Cavia tschudii* Fitzinger 秘鲁豚鼠
- Caviidae 豚鼠科

**PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS
FOR ADDITION OF CJK UNIFIED IDEOGRAPHS TO THE REPERTOIRE OF ISO/IEC 10646**

Submitters are reminded to:

1.Fill in all the sections below.

2. Read the Principles and Procedures Document (P & P) available at

<http://appsrv.cse.cuhk.edu.hk/~irg/irg45/IRGN2092PnPv8.pdf>

for guidelines and details before filling in this form.

3. Use the latest Form from

http://appsrv.cse.cuhk.edu.hk/~irg/irg45/IRGN2092PnP_BlankDataFile.xls

See also <http://appsrv.cse.cuhk.edu.hk/~irg/irgwds.html> for the latest *Unifiable Component Variations*.

A. Administrative

1. IRG Project Code:	IRGN2390
2. Title:	UNC Proposal on China Science and Technology
3. Submitter's Region/Country Name:	China
4. Submitter Type (National Body/Individual Contribution) :	Member body
5. Submission Date:	2019-5-23
6. Requested Ideograph Type (Unified or Compatibility Ideographs)	Unified Ideographs
If Compatibility, does the submitter have the intention to register them as IVS (See UTS #37) with the IRG's approval? (Registration fee will not be charged if authorized by the IRG.)	No
7. Proposal Type (Normal Proposal or Urgently Needed)	Urgently Needed
8. Choose one of the following: This is a complete proposal (or) More information will be provided later.	Yes

B. Technical – General

1. Number of ideographs in the proposal:	12
2. Glyph format of the proposed ideographs: (128x128 Bitmap files or TrueType font file)	Both
If Bitmap files, are their file names the same as their source references?	Yes
If TrueType font file, are all the proposed glyphs put into BMP PUA area?	Yes
If TrueType font file, are data for source references vs. character codes provided?	Yes
3. Source references: Do all the proposed ideographs have a unique, proper source reference (member body/international consortium abbreviation followed by no more than 9 alphanumeric characters)?	Yes
4. Evidence:	
a. Do all the proposed ideographs have a separate evidence document which contains at least one scanned image of printed materials (preferably dictionaries) ?	Yes
b. Do all the printed materials used for evidence provide enough information to track them by a third party (ISBN numbers, etc.) ?	Yes
5. Attribute Data Format: (Excel file or CSV text)	Excel

C. Technical - Checklist

Understanding of the Unification Principles	
1. Has the submitter read ISO/IEC 10646 Annex S and does the submitter understand the unification principles?	Yes
2. Has the submitter read the “Unifiable Component Variations” (contact the IRG technical editor through the IRG Rapporteur for the latest version) and does the submitter understand the unifiable variation examples?	Yes
3. Has the submitter read the IRG PnP document and does the submitter understand the 5% Rule?	Yes
Character-Glyph Duplication (http://www.itscj.ipsj.or.jp/sc2/open/pow.htm contains all the published ones and those under ballot)	
4. Has the submitter checked that the proposed ideographs are not unifiable with any of the unified or compatibility ideographs of the latest version of ISO/IEC 10646?	Yes
If the checking has been done against an earlier version of ISO/IEC 10646, please specify the version? (e.g. 10646:2012)	ISO/IEC 10646:2014 (E)
5. Has the submitter checked that the proposed ideographs are not unifiable with any of the ideographs in the amendments, if any, of the latest version of ISO/IEC 10646?	Yes
If yes, which amendment (s) has the submitter checked?	
6. Has the submitter checked that the proposed ideographs are not unifiable with any of the ideographs in the proposed amendments, if any, of ISO/IEC 10646?	Yes
If yes, which draft amendment (s) has the submitter checked?	
7. Has the submitter checked that the proposed ideographs are not unifiable with any of the ideographs in the current working M-set and D-set of the IRG? (Contact IRG chief editor and technical editor through the IRG Rapporteur for the newest list)	Yes
If yes, which document (s) has the submitter checked?	WS2015, WS2017
8. Has the submitter checked that the proposed ideographs are not unifiable with any of the over-unified or mis-unified ideographs in ISO/IEC 10646? (See Annex E of the IRG PnP document) .	Yes
9. Has the submitter checked whether the proposed ideographs have any similar ideographs in the current standardized or working sets mentioned above?	Yes
10. Has the submitter checked whether the proposed ideographs have any variant ideographs in the current standardized or working sets mentioned above?	Yes
Attribute Data	
11. Do all the proposed ideographs have attribute data such as the Kangxi radical code and stroke count?	Yes
12. Are there any simplified ideographs (ideographs that are based on the policy described in 简化字總表) among the proposed ideographs?	Yes
If yes, does the proposal include proper simplified/traditional indication flag for each proposed ideograph in the attribute data?	Yes
13. Do all the proposed ideographs have the document page number of evidence documents in the attribute data?	Yes
14. Do all the proposed ideographs have the proper Ideographic Description Sequence (IDS) in the attribute data?	Yes
If no, how many proposed ideographs do not have the IDS?	
15. If the answer to question 9 or 10 is yes, do the attribute data include any information on similar/variant ideographs for the proposed ideographs?	Yes
16. Do all the proposed ideographs contains the total stroke count (kTotalStrokes) ¹ ?	Yes

¹ The IRG understands that kTotalStrokes can be ambiguous and subject to different interpretations. The IRG takes no responsibility to check the correctness of the submitted attribute data.

Universal Multiple - Octet Coded Character Set
UCS

ISO/IEC JTC1/SC2/WG2/IRG N2390_TCA

Date: 2019-5-24

Source:	TCA
Title:	TCA's UNC Proposal for WG2 submission
Meeting:	IRG #52, HongKong
Status:	Member's submission
Actions required:	To be considered by IRG
Distribution:	IRG
Medium:	Electronic
Page:	4
Appendix:	Attributes (in an excel file)

1. Introduction

In IRG#52 meeting, IRG accepts the UNC proposal with 12 characters from China, and agrees to add the traditional form for GKJ-00206 as a total of 13 characters. IRG also agrees for TCA to submit the corresponding source references to WG2. See IRG M52.8 (IRGN2378, IRGN2365).

2. Proposed Characters

About the traditional form of these UNCs, TCA would like to submit 5 characters: 3 characters need to be included by horizontal extension, and 2 characters need to be encoded with China together.

2.1 Proposed Horizontal Extension

UCS Code	T-source	Glyphs	kRSUnicode	Radical Form	Other References	ISO/IEC 10646
27C0E	TB-275F	𪛗	151.12	豆	UCS GHZ	27C0E 𪛗 151.12 𪛗 𪛗 UCS2003 GHZ-63570.03
9B97	TE-6A24	𩺰	195.5	魚	GE H J0 K1 V3	9B97 𩺰 195.5 𩺰 𩺰 𩺰 GE-4673 H-9FDE 𩺰 𩺰 𩺰 J0-723C K1-5D60 V3-3625
2CD68	TB-7242	𩺱	195.11	魚	JK	2CD68 𩺱 195.11 𩺱 JK-66032

2.2 Proposed Characters as UNCs

T-source	PUA	Glyphs	G-source	Radical Form	Strokes	Total Stroke	IDS	Total Stroke	FS	T/S
TC-3465	U+E000	𠂔	GKJ-00202	玉 96.0	4	8	𠂔王巴	8	5	0
TB-7241	U+E001	𩺰	GKJ-00207	魚 195.0	11	22	𩺰魚舵	22	2	0

(End of document)

**PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS
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See also http://appsrv.cse.cuhk.edu.hk/~irg/irg45/IRGN2092PnP_BlankDataFile.xls for the latest *Unifiable Component Variations*.

A. Administrative

1. IRG Project Code:	IRGN2
2. Title:	TCA's Proposal on 2 TCA's UNC's to IRG #52
3. Submitter's Region/Country Name:	TCA
4. Submitter Type (National Body/Individual Contribution) :	Member body
5. Submission Date:	2019-5-23
6. Requested Ideograph Type (Unified or Compatibility Ideographs)	Unified Ideographs
If Compatibility, does the submitter have the intention to register them as IVS (See UTS #37) with the IRG's approval? (Registration fee will not be charged if authorized by the IRG.)	No
7. Proposal Type (Normal Proposal or Urgently Needed)	Urgently Needed
8. Choose one of the following: This is a complete proposal (or) More information will be provided later.	Yes

B. Technical – General

1. Number of ideographs in the proposal:	2
2. Glyph format of the proposed ideographs: (128x128 Bitmap files or TrueType font file)	Both
If Bitmap files, are their file names the same as their source references?	Yes
If TrueType font file, are all the proposed glyphs put into BMP PUA area?	Yes
If TrueType font file, are data for source references vs. character codes provided?	Yes
3. Source references: Do all the proposed ideographs have a unique, proper source reference (member body/international consortium abbreviation followed by no more than 9 alphanumeric characters) ?	Yes
4. Evidence: a. Do all the proposed ideographs have a separate evidence document which contains at least one scanned image of printed materials (preferably dictionaries) ?	Yes
b. Do all the printed materials used for evidence provide enough information to track them by a third party (ISBN numbers, etc.) ?	Yes
5. Attribute Data Format: (Excel file or CSV text)	Excel

C. Technical - Checklist

Understanding of the Unification Principles	
1. Has the submitter read ISO/IEC 10646 Annex S and does the submitter understand the unification principles?	Yes
2. Has the submitter read the “Unifiable Component Variations” (contact the IRG technical editor through the IRG Rapporteur for the latest version) and does the submitter understand the unifiable variation examples?	Yes
3. Has the submitter read the IRG PnP document and does the submitter understand the 5% Rule?	Yes
Character-Glyph Duplication (http://www.itscj.ipsj.or.jp/sc2/open/pow.htm contains all the published ones and those under ballot)	
4. Has the submitter checked that the proposed ideographs are not unifiable with any of the unified or compatibility ideographs of the latest version of ISO/IEC 10646?	Yes
If the checking has been done against an earlier version of ISO/IEC 10646, please specify the version? (e.g. 10646:2012)	ISO/IEC 10646:2014 (E)
5. Has the submitter checked that the proposed ideographs are not unifiable with any of the ideographs in the amendments, if any, of the latest version of ISO/IEC 10646?	Yes
If yes, which amendment (s) has the submitter checked?	
6. Has the submitter checked that the proposed ideographs are not unifiable with any of the ideographs in the proposed amendments, if any, of ISO/IEC 10646?	Yes
If yes, which draft amendment (s) has the submitter checked?	
7. Has the submitter checked that the proposed ideographs are not unifiable with any of the ideographs in the current working M-set and D-set of the IRG? (Contact IRG chief editor and technical editor through the IRG Rapporteur for the newest list)	Yes
If yes, which document (s) has the submitter checked?	WS2015, WS2017
8. Has the submitter checked that the proposed ideographs are not unifiable with any of the over-unified or mis-unified ideographs in ISO/IEC 10646? (See Annex E of the IRG PnP document).	Yes
9. Has the submitter checked whether the proposed ideographs have any similar ideographs in the current standardized or working sets mentioned above?	Yes
10. Has the submitter checked whether the proposed ideographs have any variant ideographs in the current standardized or working sets mentioned above?	Yes
Attribute Data	
11. Do all the proposed ideographs have attribute data such as the Kangxi radical code and stroke count?	Yes
12. Are there any simplified ideographs (ideographs that are based on the policy described in 簡化字總表) among the proposed ideographs?	Yes
If yes, does the proposal include proper simplified/traditional indication flag for each proposed ideograph in the attribute data?	Yes
13. Do all the proposed ideographs have the document page number of evidence documents in the attribute data?	Yes
14. Do all the proposed ideographs have the proper Ideographic Description Sequence (IDS) in the attribute data?	Yes
If no, how many proposed ideographs do not have the IDS?	
15. If the answer to question 9 or 10 is yes, do the attribute data include any information on similar/variant ideographs for the proposed ideographs?	Yes
16. Do all the proposed ideographs contains the total stroke count (kTotalStrokes) ¹ ?	Yes

¹ The IRG understands that kTotalStrokes can be ambiguous and subject to different interpretations. The IRG takes no responsibility to check the correctness of the submitted attribute data.