



Supplement
**Yi Ethnomycology: Wild Mushroom Knowledge
and Use in Yunnan, China**

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Appendix

The Appendix includes all mushroom species observed in multiple instances (either multiple data sources, bouts, or individuals). In addition, a list of mushroom species names reported only one time is included. This list serves as a reference for future studies on Nanhua Yi ethnomycological knowledge.

Type	Names in Yi, Mandarin, and Latin	English name and description	Baihua & Nanhua interviews, Bouts (N)	Use (N)	Species uses (Baihua interview)				Species uses (Bouts)			
					Sell %	Eat %	Sell & Eat %	Dry %	Sell %	Fresh %	Sell %	Eat %
Achimepei	Yi: Achimepei Latin: <i>Lactifluus glaucescens</i>	A white milkcap. The name translates to "Spicy goat mushroom" (achi=goat, pei=spicy), referring to the spicy taste of this species. Not considered edible for humans by all locals.	21, 5, 24	21	71.43	9.52	0	14.29	100	0	0	0
Achimepei	Yi: Achimepeiluopai Latin: <i>Russula sp.</i>	Purple Russula. 'Luopai' refers to the purple color of this Russula's cap.	3, 0, 28	3	100	0	0	0	100	0	0	
Achimepei	Yi: Achimepeinihe Latin: <i>Russula sp.</i>	Red Russula. A red capped Russula with white gills and stipe. 'Nihe' means 'red.'	3, 0, 20	2	100	0	0	0	100	0	0	
Achimepei	Yi: Chume Mandarin: Tonglujun Latin: <i>Lactarius deliciosus</i> or other <i>Lactarius sp.</i>	Used as an indicator species to determine when to hold forest auctions. Also locally considered delicious.	9, 2, 2	9	22.22	55.56	22.22	0	NA	NA	NA	
Achimepei	Yi: Mechiqia Mandarin: Naizhijun, Naijiangjun Latin: <i>Lactifluus distantifolius</i>	A milkcap species with a tan cap and white to tan gills and stipe. Produces white latex. The name refers to 'sweet' (chi) and a flaking or 'cui' texture (qia). Often said to need to be cooked before eating.	17, 3, 27	17	23.53	47.06	11.76	17.65	100	0	0	
Achimepei	Yi: Tamechi Latin: <i>Lactarius spp.</i>	This <i>Lactarius</i> is vibrantly colored, with a dark maroon-to-brown cap, golden yellow gills, and dark orange stems. Produces white latex. Often eaten locally in soups. The name describes the taste and habitat of the mushroom: 'Ta' is 'pine,' 'me' is 'mushroom' and 'chi' is 'sweet.'	1, 0, 20	0	NA	NA	NA	NA	95	0	5	
Achimepei	Yi: Veimebe Mandarin: Qingtoujun Latin: <i>Russula viriscens</i>	A green-capped Russula with a white stipe that is commonly found in markets across Yunnan. The Yi name here means 'pig' (vei), 'mushroom' (me), and 'closed' (be).	7, 2, 0	7	28.57	57.14	14.29	0	NA	NA	NA	

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					Sell %	Eat %	Sell & Eat %	Dry %	Sell %	Eat %	Sell & Eat %	Dry %	
Chiboli	Yi: Chiboli	A toothed fungi. Some harvesters combine chiboli and luomexiong into the same category. Both species are toothed, with brown caps and grey teeth.	1, 0, 5	1	100	0	0	0	0	100	0	0	0
Chiboli	Yi: Chibolineige		0, 0, 6	NA	NA	NA	NA	NA	100	0	0	0	
Chiboli	Yi: Chibolimihe	A red toothed fungus. 'nihe' means red.	0, 0, 3	NA	NA	NA	NA	NA	100	0	0	0	
Chiboli	Yi: Chibolipewite	A white toothed fungus. Chi' is 'toothed' and 'pewte' is white.	0, 0, 3	NA	NA	NA	NA	NA	100	0	0	0	
Congjun	Mandarin: Baicong	Congjun are all different types of porous, color changing mushrooms. They were rarely observed in local forests, though are common in regional Nanhua and Kunming markets. These cong mushrooms are somewhat rare and can be sold for a high price.	10, 0, 1	10	90	0	10	0	100	0	0	0	
Congjun	Yi: Meleisou Mandarin: Baicong (sometimes)	A type of color-changing, porous mushroom. Some call this 'Baicong' while others maintain that these are two distinct species. 'Sou' refers to the color changing property of the species.	21, 0, 0	21	57.14	23.81	9.52	9.52	NA	NA	NA	NA	
Congjun	Mandarin: Gaojiaocong	A long-stiped (gaojiao or "tall-foot") porous color-changing mushroom. Some locals say that 'Shuibaicong' is the same species as 'Gaojiaocong'.	2, 0, 2	2	100	0	0	0	100	0	0	0	
Congjun	Mandarin: Hongcong		18, 0, 6	18	83.33	5.56	11.11	0	100	0	0	0	
Congjun	Mandarin: Huangcong		3, 1, 0	2	0	0	100	0	NA	NA	NA	NA	
Congjun	Mandarin: Jimaoqing		3, 0, 0	3	66.67	0	0	33.33	NA	NA	NA	NA	
Congjun	Mandarin: Shuibaicong		0, 0, 2	NA	NA	NA	NA	NA	100	0	0	0	
Congjun	Mandarin: Shuitong		2, 0, 0	1	0	0	100	0	NA	NA	NA	NA	
Congjun	Mandarin: Yimaoqing		5, 0, 3	5	0	60	20	20	100	0	0	0	
Congjun	Mandarin: Fuzhengjun		0, 2, 0	NA	NA	NA	NA	NA	NA	NA	NA	NA	

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				Use (N)	Sell %	Eat %	Sell & Eat %	Dry %	Sell %	Sell Fresh %	Eat %	
	Mandarin: Ganbajun Latin: <i>Thelephora ganbajun</i>	Ganbajun are highly-prized across Yunnan province for their distinct, pine-like taste. Mentioned in the interviews in the Nanhua sites, but not in Baihua.	0, 2, 0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Yi: Guome	A smooth, greenish-brown capped mushroom with white gills and stipe and easily flakeable structure. Never reported in interviews but observed in several bouts. 'Guo' refers to 'grain', as this mushroom grows in grain fields.	0, 0, 3	NA	NA	NA	NA	NA	100	0	0	0
	Yi: Meneji Mandarin: Huajun	A mushroom that appears similar to <i>T. matsutake</i> (mene), named for this similarity.	0, 0, 2	NA	NA	NA	NA	NA	100	0	0	0
Jime	Mandarin: Hucaojun Yi: Jime Latin: <i>Amanita</i> spp.		0, 2, 0 5, 4, 0	NA 5	NA 40	NA 40	NA 0	NA 20	NA NA	NA NA	NA NA	NA NA
Jime	Yi: Jimenei Latin: <i>Amanita</i> sp.	Dark brown colored Amanita, 'jime' groups all Amanita-type mushrooms, while 'nei' means 'black.'	1, 0, 13	1	100	0	0	0	100	0	0	0
Jime	Yi: Jimeshe Mandarin: Huangluosan Latin: <i>Amanita hemibapha</i>	A large yellow Amanita with a dark red to orange centered-cap with a raised central bump. The name includes both "raptor bird" (jime) and yellow (she).	1, 0, 16	1	100	0	0	0	100	0	0	0
Jime	Yi: Oljime or wuluome Latin: <i>Amanita</i> sp.	A white Amanita. This species was observed and recorded during ethnographic work in the area, but not reported in interviews or bouts. The Yi name means 'bald mushroom.'	0, 0, 0									
	Yi: Yicaime Mandarin: Jiyujun Latin: <i>Cantharellus</i> spp.	A local variety of chanterelle.	1, 0, 9	1	0	100	0	0	100	0	0	0

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					Sell %	Eat %	Sell & Eat %	Dry %	Sell %	Dry %	Sell Fresh %	Eat %	
	Yi: Jizong Latin: <i>Termitomyces</i> spp.	Termite mushroom. Never observed during fieldwork, but reported during several interviews and common in provincial markets.	1, 2, 0	1	100	0	0	0	0	NA	NA	NA	NA
	Yi: Leiveime	A gilled mushroom with pinkish stipe and cap and off-white gills. 'Leivei' is monkey.	1, 0, 12	1	0	0	0	100	100	0	0	0	0
Liwo	Mandarin: Liwo		4, 1, 2	4	0	100	0	0	0	50	0	0	50
Liwo	Mandarin: Liwoxiang		0, 0, 7	NA	NA	NA	NA	NA	100	0	0	0	0
Liwo	Yi: Megeqi Mandarin: Liwo (sometimes) Latin: <i>Lyophyllum</i> sp.	A prized local edible wild mushroom. Often cooked and eaten at home in soups rather than sold. The Yi name describes the mushroom's clustered morphology. Note: there are both a large liwo and a small, clustered liwo. This is the small, clustered species.	5, 0, 3	5	0	100	0	0	0	0	0	0	megeqi
Luome	Yi: Luomeinei Mandarin: Heihuzhang	A toothed, black tiger paw mushroom. The name describes the color and form of the mushroom. Said to have been included in smoke blends in the past for its strong fragrance and to be resistant to insect predation.	2, 0, 1	2	100	0	0	0	0	100	0	0	0
Luome	Yi: Luomeshe Mandarin: Huanghuzhang Latin: <i>Albatrellus ellisii</i>	Yellow Tiger Paw. This distinctive species is often eaten at home, though in observed harvests, all collected mushrooms were destined for sale. The name 'luomeshe' is a partial translation of the Mandarin name, and literally translates to 'tiger mushroom yellow'	5, 0, 25	5	40.00	20.00	0	20.00	100	0	0	0	0
Luome	Yi: Luomexiong	Some harvesters lump chiboli and luomexiong into a single category while others distinguish them.	0, 0, 4	NA	NA	NA	NA	NA	100	0	0	0	0

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					Sell %	Eat %	Sell & Eat %	Dry %	Sell %	Fresh %	Sell %	Eat %
Luome	Yi: Luomexiu (grey)	Grey Tiger Paw	0, 0, 2	NA	NA	NA	NA	100	0	0	0	0
Mechizai	Yi: Mechizai Mandarin: Niuganjun Latin: <i>Boletus edulis</i>	Porcini. One of the most economically important species in the region. The Mandarin name means 'cow liver', referring to the porous cap while the Yi name refers to the distinctly textured stipe.	54, 29, 21	54	87.04	1.85	7.41	1.85	90.5	9.5	0	0
Mechizai	Yi: Mechizaishehe	A bright yellow porous mushroom, observed during fieldwork but not reported in interviews or bouts.	0, 0, 0									
	Yi: Meshehe Mandarin: Xiaohuangjun	Numerous porous species with yellow or brown caps, collectively grouped as 'little yellow mushrooms' and not differentiated linguistically.	2, 2, 23	2	50	0	0	50	100	0	0	0
	Yi: Mekaouju Latin: <i>Laccaria lacata</i>	Sometimes also called 'mehuouju,' meaning 'dry fire mushroom.' Observed during fieldwork, but not in bouts or interviews. During Nanhua interviews, one transcription of the name "mehejuu" may also be a reference to this species.										
	Yi: Mene Mandarin: Songrong Latin: <i>Tricholoma matsutake</i>	Matsutake or Pine Mushroom. This species has the greatest economic impact of all mushrooms in the region. Matsutake also inspires many of the recently-developed village-level forest management regulations.	58, 35, 25	57	89.47	0	10.53	0	19.4	72.2	8.3	
	Yi: Menebe		4, 0, 0	4	75.00	25.00	0	0	NA	NA	NA	NA
	Yi: Menexiong		0, 0, 9	NA	NA	NA	NA	NA	100	0	0	0
	Yi: Menihe	This folk species name translates to "red mushroom/fungi."	2, 0, 0	1	100	0	0	0	NA	NA	NA	NA
	Yi: Muhao		0, 1, 0	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	Yi: Meshe Latin: <i>Phylloporus</i> sp.	A name for yellow mushrooms, but also in some cases used to describe a common yellow-gilled Boletus. During focal follows this species was often overlooked and left unharvested, though on several occasions it was harvested for sale.	0, 0, 2	NA	NA	NA	NA	NA	NA	100	0	0	0
	Yi: Neibadu	A polypore reported as being called the "ghost chair" mushroom.	0, 0, 2	NA	NA	NA	NA	NA	NA	100	0	0	0
	Yi: Nixiyame Mandarin: Huotangjun	This name refers to what may be several species with brown caps and white pores.	1, 0, 5	1	0	0	0	100	100	0	0	0	0
	Yi: Peichime	A woody, toothed mushroom characterized by radial growth. Rings are brown, grey and white, with primarily white teeth. 'Peichi' is 'fallen leaves.' The name refers to both the species' habitat and appearance.	0, 0, 4	NA	NA	NA	NA	NA	100	0	0	0	0
	Mandarin: Qingcui		2, 0, 0	2	0	0	100	0	0	NA	NA	NA	NA
	Mandarin: Santoulou Latin: <i>Phallus</i> sp.	This species was observed during fieldwork but not reported in interviews nor harvested in bouts. A white, inedible Phallus-type mushroom with a net and strong fetid scent.											
	Yi: Semeve	This species has a mottled, hairy top and pores. "Se" refers to a pine nut producing pine species under which this mushroom is often found. Some locals say there are multiple edible and inedible species in this group.	0, 0, 5	NA	NA	NA	NA	NA	NA	100	0	0	0

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					Sell %	Eat %	Sell & Eat %	Dry %	Sell %	Eat %	Sell & Eat %	Dry %
	Yi: Tameye Mandarin: Songmaojun Latin: <i>Tylopilus</i> sp.	The name of this species includes a description of both the mushroom's physical traits and habitat. 'Ta' means 'pine,' 'me' means 'mushroom,' and 'ye' means 'slippery.' This species aggregates in clusters, often has a wet surface texture, and grows near pine trees. Before wild mushroom commodification, this species was not often collected.	31, 2, 31	30	63.33	20.00	6.66	10.00	100	0	0	0
	Yi: Yiqileime Mandarin: Saobajun, Jijiaojun Latin: <i>Ramaria</i> spp.	Coral fungus. The name <i>yiqileime</i> refers to a suite of closely related <i>Ramaria</i> species that are variably yellow, pink, and purple and range from having small, tightly clustered tips to growing tall, branched tips. <i>Yiqileime</i> and <i>jijiaojun</i> both mean "chicken-foot mushroom."	26, 10, 33	26	46.15	23.08	15.38	15.38	100	0	0	0
	Mandarin: Yuancai		0, 0, 2	NA	NA	NA	NA	NA	100	0	0	0

Species named/observed only one time: thin-gilled achimepei, balajun, chibolinihei, fujanjun, hongyanmao, jimeji, lengcaojun, lengmangjun, limmeye, luomenxiu, mapijun, mayajun, mehejiu, medonghen, menehuojun, meshige, mexilege, muer, muhao, nanshanjun, qiangjun, qingmaojun, shuihongcong, shuihuangcong, shuowome, songhuajun, songmujun, xiangcui, xiaobaiduo, xime, xiuwome, xiuwomeji, yangshi, yimeqia