

Record of Collections from 1998 NAMA Foray in Mexico

The collections were made by 30 members of NAMA and the faculty and students from the Laboratorio de Micología, Centro de Investigación de Ciencias Biológicas, Universidad Autónoma de Tlaxcala. The list of taxa is provisional certainly provides only an underestimate of the taxa seen by the foray participants. In general, the expertise available was focused on ectomycorrhizal basidiomycetes; and saprophytic basidiomycetes, in particular, were often not determinable by anyone in the group.

Dr. D. H. Pfister (FH) reviewed a number of collections brought back by Kitty Griffiths, and his determinations have been added to the list that was otherwise prepared, for the most part, in the field.

The foray recorder was Nora Jones; the list editor was Rod Tulloss.

There are 166 entries in the list; however, three of these are single entries for groups of distinct (but indeterminable) species within a genus. Taking this into account, the number of taxa observed/recorded was 180.

Table 1: List of Identifiers

Name	Initials
A. Estrada Torres	AET
A. Gerenday	AG
A. Kong Luz	AKL
A. Montoya Esquivel	AME
A. Stanley	AS
D. H. Pfister (post foray)	DHP
D. P. Lewis	DPL
J. Justice	JJ
M. M. Rodriguez Palma	MRP
R. E. Tulloss	RET
T. J. Duffy	TJD

Table 2: Collecting Sites and Foray Numbers

Foray Number	Locality	Lat./Long.	Elevation (m)
0	Non-foray site	-	-
1	Llano Grande, Mpio. ??, Edo. México	19°20'05"N 98°42'51"W	3230
2	area of cabañas, IMSS La Malintzi, Mpio. ??, Tlaxcala	19°17'01"N 98°02'42"W	3080
3	Cañada Grande, La Malintzi, Mpio. Huamantla, Tlaxcala	19°14'45"N 97°59'56"W	3110
4	site on road between IMSS La Malintzi and Cañada Grande, Mpio. ??, Tlaxcala	??	??
5	higher altitude site, El Peñon, Mpio. Tlaxco, Tlaxcala	??	??
6	lower altitude site, El Peñon, Mpio. Tlaxco, Tlaxcala	??	??

Table 3: Myxomycotina—Myxomycetes

Order, Family	Genus	Species	Identifier	Localities	Comments
Ceratiomyxales, Ceratiomyxaceae	Ceratiomyxa	fruticulosa	MRP	3	1:
Liceales, Cribariaceae	Cribrana	mirabilis	MRP	3	2: =Dictydium mirabile
Liceales, Enteridiaceae	Lycogala	epidendrum	RET	4	3: immature
Physarales, Didymiaceae	Didymium	sp.	MRP	?	4:
Physarales, Physaraceae	Craterium	paraguayense	MRP	?	5: El Peñon
Physarales, Physaraceae	Physarum	sp. 1	MRP	?	6: El Peñon
Physarales, Physaraceae	Physarum	sp. 2	MRP	?	7: El Peñon
Physarales, Physaraceae	Physarum	vernum	AS	3	8:
Stemonitales, Stemonitaceae	Stemonitis	axifera	MRP	?	9:
Stemonitales, Stemonitaceae	Stemonitis	splendens	MRP	?	10:

Table 4: Ascomycotina—Discomycetes, Hyphomycetes (Anamorphic Hypocreaceae) and Pyrenomycetes

Order, Family	Genus	Species	Identifier	Localities	Comments
Clavicipitales, Clavicipitaceae	Cordyceps	militaris	AET	5	11:
Heliales, Leotiaceae	Bisporella	citrina affin.	DHP	6	12:
Heliales, Leotiaceae	Bulgaria	sp.	AET	5	13:
Heliales, Leotiaceae	Chlorociboria	aeruginascens	TJD	5	14:
Heliales, Sarcoscyphaceae	Microstoma	floccosa	DHP	5 6	15:
Hypocreales, Hypocreaceae, Anamorphic	Sepedonium	chrysospermum	AET RET	6	16: on bolete
Hypocreales, Hypomycetaceae	Hypomyces	sp.	AET	5	17: on Russula sp. and on Lactarius salmonicolor
Pezizales, Helvellaceae	Gyromitra	infula	AET	3	18:
Pezizales, Helvellaceae	Helvella	macropus	AET	3	19:
Pezizales, Helvellaceae	Helvella	atra	DHP	1?	20:
Pezizales, Morchellaceae	Morchella	sp.	JJ AET	3	21: edible
Pezizales, Otidaceae	Anthracobia	melaloma	DHP	1 6	22: found in all burn areas
Pezizales, Otidaceae	Anthracobia	spp.	DHP	1 6	23: found in burn areas, at least 2 spp. unidentifiable
Pezizales, Pezizaceae	Peziza	spp.	DHP	?	24: 2 spp. unidentifiable

Order, Family	Genus	Species	Identifier	Localities	Comments
Pezizales, Pyronemataceae	Aleuria	rhenana	JJ AET DHP	5	25: possibly moved to Sowerbyella by Morvec?
Pezizales, Pyronemataceae	Scutellinia	sp.	RET	1	26:
Xylariales, Xylariaceae	Daldinia	grandis	JJ	6	27:
Xylariales, Xylariaceae	Xylaria	hypoxolon	AET	5	28:

Table 5: Basidiomycotina—Gasteromycetes, Hymenomycetes, and Teliomycetes

Order, Family	Genus	Species	Identifier	Localities	Comments
Agaricales, Agaricaceae	Agaricus	pampeanus	RET	2	29: edible
Agaricales, Agaricaceae	Agaricus	xanthoderma group	RET	0	30:
Agaricales, Agaricaceae	Lepiota	clypeolaria	AG	3	31:
Agaricales, Agaricaceae	Lepiota	rubrotincta aff.	AG	1	32:
Agaricales, Agaricaceae	Lepiota	sp.	AG	3	33:
Agaricales, Agaricaceae	Lepiota	sp.	AG	5	34:
Agaricales, Amanitaceae	Amanita	caesarea cf.	RET	1	35: section Vaginatae; edible; demonstrably distinct from the European taxon
Agaricales, Amanitaceae	Amanita	calyptratoides	RET	6	36: section Vaginatae; possibly first record from Mexico (known earlier claims incorrect)
Agaricales, Amanitaceae	Amanita	flavorubens cf.	RET	5	37: section Validae; specimen immature
Agaricales, Amanitaceae	Amanita	muscaria var. flavivolvata	RET	3 4	38: section Amanita; poisonous
Agaricales, Amanitaceae	Amanita	sp. M10	RET	3 4	39: section Validae; edible if cooked
Agaricales, Amanitaceae	Amanita	sp. M13	RET	0	40: section Vaginatae
Agaricales, Amanitaceae	Amanita	sp. M24	RET	1 3	41: section Vaginatae
Agaricales, Amanitaceae	Amanita	tuza	AKL RET	0 5	42: section Vaginatae; edible

Order, Family	Genus	Species	Identifier	Localities	Comments
Agaricales, Amanitaceae	Limacella	illinita	RET	5 6	43:
Agaricales, Bolbitiaceae	Conocybe	tenera	AG	1 3	44:
Agaricales, Boletaceae	Boletus	bicoloroides	AKL JJ	3	45:
Agaricales, Boletaceae	Boletus	chrysenteron	JJ AET	3 5	46:
Agaricales, Boletaceae	Boletus	luridiformis	AME	1 3	47: edible; was erythropus
Agaricales, Boletaceae	Boletus	pinophilis	AET RET	3	48: edible
Agaricales, Boletaceae	Boletus	pulverulentus	DPL JJ	1 5	49:
Agaricales, Boletaceae	Porphyrellus	sp.	RET JJ	5	50:
Agaricales, Boletaceae	Suillus	brevipes	JJ DPL	3 4	51:
Agaricales, Boletaceae	Suillus	glandulosipes	AKL	2	52:
Agaricales, Boletaceae	Suillus	granulatus	DPL	5 6	53: edible
Agaricales, Boletaceae	Suillus	pseudobrevipes	AKL	2	54:
Agaricales, Boletaceae	Tylopilus	pseudoscaber group	DPL	5	55:
Agaricales, Coprinaceae	Coprinus	micaceus cf.	RET	1	56:
Agaricales, Coprinaceae	Coprinus	sp.	RET	5	57: on wood or soil, slender, nearly transparent cap with brown disc having upstanding "hairs"

Order, Family	Genus	Species	Identifier	Localities	Comments
Agaricales, Copriniaceae	Coprinus	sp.	TJD	5	58: on dung, snow white, with many fine squamules on cap
Agaricales, Copriniaceae	Psathyrella	spadicea	AG	1	59:
Agaricales, Cortinariaceae	Cortinarius	cinnamomeus	DPL	2	60:
Agaricales, Cortinariaceae	Cortinarius	collinitus	DPL	3 4 5	61:
Agaricales, Cortinariaceae	Cortinarius	spp.	DPL JJ RET	1 3	62: minimum of 13 unidentified spp.
Agaricales, Cortinariaceae	Hebeloma	crustuliniforme	AME	4 5	63: poisonous
Agaricales, Cortinariaceae	Hebeloma	mesopheum cf.	AME	1 6	64: edible
Agaricales, Cortinariaceae	Hebeloma	sp.	RET	1	65:
Agaricales, Cortinariaceae	Inocybe	fastigata	AET	6	66:
Agaricales, Crepidotaceae	Crepidotus	cinnabarinus	AKL AG	5	67:
Agaricales, Crepidotaceae	Crepidotus	sp.	RET	5	68:
Agaricales, Entolomataceae	Entoloma	clypeatum cf.	AME	3	69:
Agaricales, Entolomataceae	Nolanea	sp.	JJ	5	70:
Agaricales, Hygrophoraceae	Hygrocybe	conica	JJ	1 3	71:
Agaricales, Hygrophoraceae	Hygrocybe	immutabilis cf.	?	1	72:

Order, Family	Genus	Species	Identifier	Localities	Comments
Agaricales, Hygrophoraceae	Hygrophorus	flavescens cf.	JJ DPL	6	73:
Agaricales, Hygrophoraceae	Hygrophus	russula	DPL	6	74:
Agaricales, Paxillaceae	Hygrophoropsis	aurantiacum	AG	1 3 4 5 6	75:
Agaricales, Pluteaceae	Pluteus	cervinus	JJ	3	76:
Agaricales, Pluteaceae	Pluteus	cervinus cf.	AKL JJ RET	1 3 5	77: may be P. magnus
Agaricales, Russulaceae	Lactarius	cf. cobrascens	AKL	3	78:
Agaricales, Russulaceae	Lactarius	luculentus	AKL	3 5 6	79:
Agaricales, Russulaceae	Lactarius	mexicanus	AKL	3	80:
Agaricales, Russulaceae	Lactarius	salmonicolor	AKL JJ RET	3 5	81: one collection parasitized by Hypomyces
Agaricales, Russulaceae	Russula	brevipes	AME DPL	6	82:
Agaricales, Russulaceae	Russula	cyanoxantha	AG	6	83:
Agaricales, Russulaceae	Russula	olivacea	AKL	3	84:
Agaricales, Russulaceae	Russula	sanguineus	AG	5	85:
Agaricales, Strophariaceae	Hypholoma	capnoides	JJ	3	86: (Naematoloma)
Agaricales, Strophariaceae	Hypholoma	fasciculare cf.	AET RET	1 3 5	87: (Naematoloma) Note: gills yellow.

Order, Family	Genus	Species	Identifier	Localities	Comments
Agaricales, Strophariaceae	Panaeolus	sp.	AME	3	88:
Agaricales, Strophariaceae	Pholiota	aurivella	AET	3	89:
Agaricales, Strophariaceae	Pholiota	cf. lenta	AKL	1	90:
Agaricales, Strophariaceae	Pholiota	lenta group	AME	3	91:
Agaricales, Strophariaceae	Psilocybe	cf. coprophila	AET	3	92:
Agaricales, Strophariaceae	Stropharia	semiglobata	DPL	1	93:
Agaricales, Strophariaceae	Stropharia	sp.	AET RET AME	1	94:
Agaricales, Tricholomataceae	Armillaria	cf. gallica	JJ	1 3	95:
Agaricales, Tricholomataceae	Armillaria	mellea	DPL	5 6	96:
Agaricales, Tricholomataceae	Armillaria	sp.	MRP	?	97:
Agaricales, Tricholomataceae	Clitocybe	aff. odora	AG RET	1 3	98:
Agaricales, Tricholomataceae	Clitocybe	cf. gibba	JJ	1 3	99:
Agaricales, Tricholomataceae	Clitocybe	gibba	MRP	3	100:
Agaricales, Tricholomataceae	Clymacocystis	borealis	AET	3 5 6	101:
Agaricales, Tricholomataceae	Collybia	butyraceae	JJ	3	102:

Order, Family	Genus	Species	Identifier	Localities	Comments
Agaricales, Tricholomataceae	Collybia	dryophilla	JJ	0 3	103:
Agaricales, Tricholomataceae	Collybia	luxurianus	AG	3	104:
Agaricales, Tricholomataceae	Collybia	sp.	RET	1	105:
Agaricales, Tricholomataceae	Cyptotrama	asperta	AG JJ MRP RET	1, 3	106: was C. chrysopeplum
Agaricales, Tricholomataceae	Cystoderma	granulosum	JJ DPL	3 4 5 6	107:
Agaricales, Tricholomataceae	Flammulina	cf. mexicana	AET	3	108:
Agaricales, Tricholomataceae	Floccularia	albolanaripes	AET	3 5 6	109: was Armillaria
Agaricales, Tricholomataceae	Hohenbuehelia	petaloides group	AG	3	110:
Agaricales, Tricholomataceae	Laccaria	bicolor cf.	AET RET JJ	2 3	111: edible
Agaricales, Tricholomataceae	Laccaria	sp.	RET	3	112: lavender mycelium
Agaricales, Tricholomataceae	Laccaria	sp.	RET JJ AG	3	113: white mycelium
Agaricales, Tricholomataceae	Laccaria	trichodermophora cf.	?	3	114:
Agaricales, Tricholomataceae	Lepista	nuda	AET	5	115:
Agaricales, Tricholomataceae	Leucopaxillus	gentianeus	JJ	3 5 6	116:

Order, Family	Genus	Species	Identifier	Localities	Comments
Agaricales, Tricholomataceae	Leucopaxillus	laterarius	JJ	6	117:
Agaricales, Tricholomataceae	Lyophyllum	cf. ovisporum	AME	1	118: edible
Agaricales, Tricholomataceae	Lyophyllum	sp.	AKL	1	119:
Agaricales, Tricholomataceae	Marasmius	sp.	AG	?	120:
Agaricales, Tricholomataceae	Marasmius	strictipes	AG	3	121:
Agaricales, Tricholomataceae	Melanoleuca	cognata	JJ	3	122:
Agaricales, Tricholomataceae	Melanoleuca	melaleuca	JJ	3	123:
Agaricales, Tricholomataceae	Melanoleuca	sp.	AG	1 4	124:
Agaricales, Tricholomataceae	Mycena	cf. leiana	DPL	1	125:
Agaricales, Tricholomataceae	Mycena	haematopus	JJ	3	126:
Agaricales, Tricholomataceae	Mycena	lilacifolia	AG	6	127:
Agaricales, Tricholomataceae	Mycena	pura	JJ	3	128:
Agaricales, Tricholomataceae	Mycena	sp.	AG	6	129:
Agaricales, Tricholomataceae	Mycena	sp.	DPL	1	130: Cap grayish brown, stipe white, yellow at apex, cucumber odor when fresh. See viscosa. Check epipterygia.

Order, Family	Genus	Species	Identifier	Localities	Comments
Agaricales, Tricholomataceae	Mycena	viscosa	DPL	3	131:
Agaricales, Tricholomataceae	Phyllotopsis	nidulans	JJ	3	132:
Agaricales, Tricholomataceae	Tricholoma	moseri	AKL	1 3	133:
Agaricales, Tricholomataceae	Xeromphalina	cauticinalis	AG	4	134:
Agaricales, Tricholomataceae	Xeromphalina	tenuipes aff.	AG	1	135:
Auriculariales, Auriculariaceae	Auricularia	auricula	JJ	3	136:
Cantharellales, Cantharellaceae	Gomphus	floccosus	AET	3	137:
Cantharellales, Clavariaceae	Ramaria	concolor	AET	3 6	138:
Dacrymycetales, Dacrymycetaceae	Calocera	viscosa	AET DPL	1	139:
Dacrymycetales, Dacrymycetaceae	Calocera	viscosa cf.	AET	3	140:
Ganodermatales, Ganodermataceae	Ganoderma	sp.	RET	3	141:
Hericiales, Auriscalpiaceae	Auriscalpium	vulgare	DPL AET	3 4	142:
Hericiales, Lentinellaceae	Lentinellus	vulpinus aff.	?	6	143:
Hymenochaetales, Hymenochaetaceae	Inonotus	sp.	AET	1	144:
Lycoperdales, Geastraceae	Geastrum	fornicatum	AG	?	145:

Order, Family	Genus	Species	Identifier	Localities	Comments
Lycoperdales, Geastraceae	Geastrum	triplex cf.	AET	3	146:
Lycoperdales, Lycoperdaceae	Lycoperdon	echinatus cf.	AKL	6	147:
Lycoperdales, Lycoperdaceae	Lycoperdon	gemmatum cf.	AET	1	148:
Lycoperdales, Lycoperdaceae	Lycoperdon	molle	DPL	3	149:
Lycoperdales, Lycoperdaceae	Lycoperdon	perlatum	AET	1 3	150: edible
Lycoperdales, Lycoperdaceae	Lycoperdon	pusillum	TJD	1	151:
Nidulariales, Nidulariaceae	Crucibulum	laeve	AET	6	152:
Nidulariales, Nidulariaceae	Nidula	sp.	AG	5	153:
Poriales, Coriolaceae	Coriolus	versicolor	AET	5	154: Trametes
Poriales, Coriolaceae	Fomimtopsis	pinicola	JJ	3	155:
Poriales, Coriolaceae	Gloeophyllum	saepiarum cf.	AET	3	156:
Poriales, Coriolaceae	Hirschioporus	albietinus	AET	3	157:
Poriales, Coriolaceae	Tyromyces	chioneous	JJ	3	158:
Poriales, Lentinaceae	Faerberia	carbonicola	AET	5 6	159:
Poriales, Lentinaceae	Pleurotus	opuntiae	AKL	0	160:

Order, Family	Genus	Species	Identifier	Localities	Comments
Poriales, Polyporaceae	Polyporus	alveolaris	AG JJ	5 6	161: (=P. mori)
Poriales, Polyporaceae	Polyporus	arcularis	AKL	5	162:
Stereales, Meruliaceae	Merulius	tremellosus	AET	5	163:
Thelephorales, Thelephoraceae	Boletopsis	subsquamosa	JJ	3	164: Kurotake
Thelephorales, Thelephoraceae	Thelephora	terrestris	DPL	2	165:
Uredinales, Cronartiaceae	Cronartium	conigenum	AET	3 6	166: on pine cones