Appendix 1. **List** of municipalities **visited** during fieldwork. **The classification** of ethnic groups is based on the diverse languages found in each locality. The principal types of vegetation were defined **based on our** fieldtrip **observations: Perennial** tropical forest (PTF); montane cloud forest (MCF); subdeciduous tropical forest (SDTF); pine forest (PF); **pine-oak** forest (POF); oak forest (OF); oak-pine forest (OPF); gallery vegetation (GV); deciduous tropical forest (DTF); meadow vegetation (MV), oyamel forest (OyF); xerophilous scrub (XS).

MUNICIPALITIES	PTR	TERRESTRIAL REGIONS	ETHNIC GROUP	TYPES OF VEGETATION
San Juan de los Cués	121	Cañada	Mazatec	OF, DTF, XS
Santa María Pápalo	121	Cañada	Cuicatec	OF, POF, MCF
Abejones	130	Sierra Norte	Zapotec	OPF, POF, DTF
Asunción Cacalotepec	130	Sierra Norte	Mixe	OF
Ayotzintepec	130	Papaloapam	Chinantec	SDTF, PTF
Cuyamecalco Villa de Zaragoza	130	Cañada	Mazatec/Mixtec	OF, OPF, POF, MCF, DTF
Eloxochitlán de Flores Magón	130	Cañada	Mazatec	OF, OPF, MCF, SDTF
Guevea de Humboldt	130	Istmo	Zapotec	MCF, POF
Huautepec	130	Cañada	Mazatec	OF, OPF, MCF
Huautla de Jiménez	130	Cañada	Mazatec	OF, OPF, MCF, PF
Mazatlán Villa de Flores	130	Cañada	Mazatec	POF, DTF, GV
Mixistlán de la Reforma	130	Sierra Norte	Mixe	OF, POF, DTF, SDTF
Natividad	130	Sierra Norte	mestizo	OPF
Nuevo Zoquiápam	130	Sierra Norte	Zapotec	PF, POF, MCF
San Andrés Teotilálpam	130	Cañada	Cuicatec	MCF
San Bartolomé Ayautla	130	Cañada	Mazatec	SDTF
San Cristóbal Lachirioag	130	Sierra Norte	Zapotec	OF, PF, SDTF
San Felipe Usila	130	Papaloapam	Chinantec	SDTF
San Francisco Chapulapa	130	Cañada	Cuicatec	POF, MCF, SDTF
San Ildelfonso Villa Alta	130	Sierra Norte	Zapotec	OPF, POF, MCF
San José Chiltepec	130	Papaloapam	Chinantec	PTF
San José Tenango	130	Cañada	Mazatec	POF, SDTF, OF
San Juan Atepec	130	Sierra Norte	Zapotec	PF, POF, OyF, DTF, MV
San Juan Bautista Valle Nacional	130	Papaloapam	Chinantec	PTF
San Juan Coatzóspam	130	Cañada	Mazatec	OPF, MCF, DTF, SDTF

San Juan Comaltepec	130	Papaloapam	Zapotec	MCF, PF, SDTF
San Juan Cotzocón	130	Sierra Norte	Mixe	OF, OPF, POF, PTF
San Juan Guichicovi	130	Istmo	Mixe	OPF, SDTF
San Juan Juquila Mixe	130	Sierra Sur	Mixe	POF
San Juan Lalana	130	Papaloapam	Chinantec	SDTF, MCF, PTF
San Juan Mazatlán	130	Sierra Norte	Mixe	PF, MCF
San Juan Quiotepec	130	Sierra Norte	Chinantec	OF, OPF, PF, MCF
San Juan Tabaá	130	Sierra Norte	Zapotec	POF, DTF, SDTF
San Juan Yaeé	130	Sierra Norte	Zapotec	OF, PF, MCF, POF, SDTF
San Lucas Zoquiápam	130	Cañada	Mazatec	OF, POF, MCF
San Miguel Aloápam	130	Sierra Norte	Zapotec	POF
San Miguel del Río	130	Sierra Norte	Zapotec	OF, OPF, POF, DTF
San Miguel Quetzaltepec	130	Sierra Norte	Mixe	OF, PF, POF, MCF
San Miguel Santa Flor	130	Cañada	Mixtec	PF, MCF, DTF
San Pablo Macuiltianguis	130	Sierra Norte	Zapotec	POF, MCF, DTF, SDTF
San Pedro Cajonos	130	Sierra Norte	Zapotec	POF, OyF, PF
San Pedro Sochiápam	130	Cañada	Chinantec	POF, MCF
San Pedro Teutila	130	Cañada	mestizo	MCF, POF, SDTF
San Pedro Yólox	130	Sierra Norte	Chinantec	MCF, PF
Santa Ana Yareni	130	Sierra Norte	Zapotec	OPF, POF, DTF
Santa María Alotepec	130	Sierra Norte	Mixe	OF, POF, MCF
Santa María Chilchotla	130	Cañada	Mazatec	MCF, SDTF, PTF
Santa María Guienagati	130	Istmo	Zapotec	PF, MCF, MV, SDTF
Santa María Jacatepec	130	Papaloapam	Chinantec	PTF
Santa María Jaltianguis	130	Sierra Norte	Zapotec	POF
Santa María Teopoxco	130	Cañada	Nahua	OF, POF, MCF
Santa María Tepantlali	130	Sierra Norte	Mixe	OPF, GV, OF, MCF
Santa María Tlahuitoltepec	130	Sierra Norte	Mixe	OF, OPF
Santa María Tlalixtac	130	Cañada	Cuicatec	OF, MCF, SDTF
Santa María Yalina	130	Sierra Norte	Zapotec	OF, OPF, MCF, DTF, POF
Santiago Atitlán	130	Sierra Norte	Mixe	OF, OPF, MCF, SDTF
Santiago Camotlán	130	Sierra Norte	Zapotec	OF, GV
Santiago Choápam	130	Papaloapam	Zapotec	MCF
Santiago Comaltepec	130	Sierra Norte	Chinantec	MCF, SDTF
Santiago Ixcuintepec	130	Sierra Norte	Mixe	OF, SDTF
Santiago Jocotepec	130	Papaloapam	Chinantec	PTF
Santiago Laollaga	130	Istmo	Zapotec	DTF
Santiago Texcalcingo	130	Cañada	Nahua	OF, GV, MCF
Santiago Xiacuí	130	Sierra Norte	Mestizo	OF, OPF, POF

Santiago Zacatepec	130	Sierra Norte	Mixe	PTF
Santo Domingo Chihuitán	130	Istmo	Zapotec	DTF, GV
Santo Domingo Petapa	130	Istmo	Zapotec	MCF, DTF, SDTF
Santo Domingo Roayaga	130	Sierra Norte	Zapotec	POF, OF, MCF, OPF
Santo Domingo Tepuxtepec	130	Sierra Norte	Mixe	GV, POF, DTF, OPF
Santo Domingo Xagacía	130	Sierra Norte	Zapotec	OF, POF, MCF, OyF
Tamazulápam del Espíritu Santo	130	Sierra Norte	Mixe	OPF, POF
Teococuilco de Marcos Pérez	130	Sierra Norte	Zapotec	OF, OPF, POF, XS
Totontepec Villa de Morelos	130	Sierra Norte	Mixe	OF, GV, PF, MCF, PTF
Villa Talea de Castro	130	Sierra Norte	Zapotec	SDTF
San Miguel Chimalapa	132	Istmo	Zoque	OPF, POF, MCF, DTF, SDTF, OF, GV, PTF
San Pedro Tapanatepec	132	Istmo	mestizo	DTF
Santa María Chimalapa	132	Istmo	Zoque	OF, OPF, PTF, GV
San Francisco Cajonos	none	Sierra Norte	Zapotec	OF
San Francisco Huehuetlán	none	Cañada	Mazatec	GV, PF, POF, MCF
San Lorenzo Cuaunecuiltitla	none	Cañada	Mazatec	PF, POF, MCF
San Mateo Yoloxochitlán	none	Cañada	Mazatec	OF, OPF, GV, MCF
San Pablo Yaganiza	none	Sierra Norte	Zapotec	OPF, PF, POF, MCF, DTF
Santa Ana Ateixtlahuaca	none	Cañada	Mazatec	POF, MCF, PF
Santa Cruz Acatepec	none	Cañada	Mazatec	OF, OPF, MCF