**Piperaceae**

**Piper to A. Bornstein, Dec. 2015**

**2014 collections, July to Dec.**

SEMO

Southeast Missouri State University

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| Col. # | Provisional det. | Determined by | Final determination |
| 1964 | Piper sp. | Jonathan D. Amith (to genus) |  |
| 1965 | Piper sp. | Jonathan D. Amith (to genus) |  |
| 1969 | Piper umbellatum L. | Jonathan D. Amith (based on previous det) |  |
| 1970 | Piper cf. liebmannii C. DC. | Jonathan D. Amith (based on previous det). |  |
| 1979 | Piper sp. | Jonthan D. Amith (to genus) |  |
| 1982 | Piper sp. | Jonthan D. Amith (to genus) |  |
| 1991 | Piper sp. | Jonthan D. Amith (to genus) |  |
| 1994 | Piper sp. | Jonthan D. Amith (to genus) |  |
| 2031 | Piper sp. | Jonathan D. Amith (based on previous collections) |  |
| 2203 | Piper cf. amalago L. | Allan Bornstein (from photo, email of 24 Nov. 2014) |  |
| 20109 | Piper sp. | Canek Ledesma (2014) |  |
| 20148 | Piper umbellatum L. | Allen Coombes (from photo; email of 4 Dec. 2014) |  |
| 20149 | Piper sp. | Canek Ledesma |  |
| 20174 | Piper sp. | Canek Ledesma |  |
| 20422 | Piper sp. | Canek Ledesma |  |
| 20481 | Piper sp. | Canek Ledesma |  |

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| Amith, J.D. | 1964 | Las Hamacas, llegando de Cuetzalan por el puente sobre el rio de Las Hamacas; 20.03319° N, 97.45150° W | Piper chamissonis |
| Amith, J.D. | 1965 | Las Hamacas, just outside of town; 20.03319° N, 97.45150° W | Piper aduncum |
| Amith, J.D. | 1969 | Cuetzalan, made on grounds of two Tosepan cooperatives; coffee orchard of Kalta; 20.03000° N, 97.52583° W | Piper umbellatum |
| Amith, J.D. | 1970 | Cuetzalan, made on grounds of two Tosepan cooperatives; 20.03000° N, 97.52583° W | Piper lapathifolium |
| Amith, J.D. | 1979 | San Miguel Tzinacapan, in a milpa at edge of town; 20.02992° N, 97.54475° W | Piper amalago |
| Amith, J.D. | 1982 | Ayotzinapan, @ 200m before arriving at community of Ayotzinapan; 20.05519° N, 97.53828° W | Piper jacquemontianum |
| Amith, J.D. | 1991 | Reyes Hogpan, near paraje called Chiautah; 20.07656° N, 97.48861° W | Piper auritum |
| Amith, J.D. | 1994 | Xalcuautla; leaving Reyes Hogpan and just before arriving at Xalcuautla; 20.08467° N, 97.50767° W | Piper pseudofuligineum |
| Amith, J.D. | 2031 | San Miguel Tzinacapan; 20.02942° N, 97.54617° W | Piper aduncum |
| Gorostiza, E & C. Salgado | 2203 | Tepetitan Chico; 20.09842° N, 97.47736° W | Piper schlechtendahlianum |
| Ledesma, C. & A.S. Hernández | 20109 | San Juan Tahitic; 19.95675° N, 97.55378° W | Piper aduncum |
| Ledesma, C. & A.S. Hernández | 20148 | San Juan Tahitic, en lugar llamado Calle Talchichil, a 150 m del puente Tahitic; 19.93128° N, 97.53956° W | Piper umbellatum |
| Ledesma, C. & A.S. Hernández | 20149 | San Juan Tahitic, en lugar llamado Calle Talchichil, a 150 m del puente Tahitic; 19.93128° N, 97.53956° W | Piper auritum |
| Ledesma, C. & A.S. Hernández | 20174 | San Juan Tahitic, carretera rumbo a la finca Calatepec; 19.94442° N, 97.54686° W | Piper lapathifolium |
| Ledesma, C. & A.S. Hernández | 20422 | San Juan Tahitic, carretera a Zapotepec (Ejodo) a 200 m de la finca Calatepec; 19.94242° N, 97.53611° W | Piper chamissonis |
| Ledesma, C. & A.S. Hernández | 20481 | San Juan Tahitic, camino a Zapotepec, en la localidad de Hueyaktepet; 19.95041° N, 97.53122° W | Piper new sp. |