Supplementary Table S1. Depurated list of scale insect’s species associated with coffee roots recorded in Colombia.

|  |  |  |
| --- | --- | --- |
| **Family** | **Genus** | **Scientific name** |
| Coccidae | *Akermes* | *Akermes colombiensis* Kondo & Williams, 2004 |
| Coccidae | *Coccus* | *Coccus viridis* (Green, 1889) |
| Coccidae | *Cryptostigma* | *Cryptostigma urichi* (Cockerell, 1894) |
| Coccidae | *Saissetia* | *Saissetia coffeae* (Walker, 1852) |
| Coccidae | *Toumeyella* | *Toumeyella coffeae* Kondo, 2013 |
| Margarodidae | *Eurhizococcus* | *Eurhizococcus* *colombianus* Jakubski, 1965 |
| Ortheziidae | *Insignorthezia* | *Insignorthezia insignis* (Browne, 1887) |
| Ortheziidae | *Mixorthezia* | *Mixorthezia minima* Koczné Benedicty & Kozár, 2004 |
| Ortheziidae | *Mixorthezia* | *Mixorthezia neotropicalis* (Silvestri, 1924) |
| Ortheziidae | *Newstedia* | *Newstedia andreae* Caballero, 2021 |
| Ortheziidae | *Praelongorthezia* | *Praelongorthezia praelonga* (Douglas, 1891)  |
| Pseudococcidae | *Chorizococcus* | *Chorizococcus* *caribaeus* Williams & Granara de Willink, 1992 |
| Pseudococcidae | *Distichlicoccus* | *Distichlicoccus takumasae* Caballero, 2021 |
| Pseudococcidae | *Dysmicoccus* | *Dysmicoccus brevipes* (Cockerell, 1893) |
| Pseudococcidae | *Dysmicoccus* | *Dysmicoccus caribensis* Granara de Willink, 2009 |
| Pseudococcidae | *Dysmicoccus* | *Dysmicoccus joannesiae-neobrevipes* complex |
| Pseudococcidae | *Dysmicoccus* | *Dysmicoccus texensis-neobrevipes* complex |
| Pseudococcidae | *Dysmicoccus* | *Dysmicoccus grassii* (Leonardi, 1913) |
| Pseudococcidae | *Dysmicoccus* | *Dysmicoccus mackenziei* Beardsley, 1965 |
| Pseudococcidae | *Dysmicoccus* | *Dysmicoccus perotensis* Granara de Willink, 2009 |
| Pseudococcidae | *Dysmicoccus* | *Dysmicoccus quercicolus* (Ferris, 1918) |
| Pseudococcidae | *Dysmicoccus* | *Dysmicoccus radicis* (Green, 1933) |
| Pseudococcidae | *Dysmicoccus* | *Dysmicoccus sylvarum* Williams & Granara de Willink, 1992 |
| Pseudococcidae | *Dysmicoccus* | *Dysmicoccus varius* Granara de Willink, 2009 |
| Pseudococcidae | *Ferrisia* | *Ferrisia uzinuri* Kaydan & Gullan, 2012 |
| Pseudococcidae | *Paraputo* | *Paraputo nasai* Caballero, 2021 |
| Pseudococcidae | *Phenacoccus* | *Phenacoccus parvus* Morrison,  |
| Pseudococcidae | *Phenacoccus* | *Phenacoccus sisalanus* Granara de Willink, 2007 |
| Pseudococcidae | *Phenacoccus* | *Phenacoccus solani* Ferris, 1918 |
| Pseudococcidae | *Planococcus* | *Planococcus citri-minor* complex |
| Pseudococcidae | *Pseudococcus* | *Pseudococcus elisae* Borchsenius, 1947 |
| Pseudococcidae | *Pseudococcus* | *Pseudococcus jackbeardsleyi* Gimpel & Miller, 1996 |
| Pseudococcidae | *Pseudococcus* | *Pseudococcus landoi* (Balachowsky, 1959) |
| Pseudococcidae | *Pseudococcus* | *Pseudococcus luciae* Caballero, 2021 |
| Pseudococcidae | *Spilococcus* | *Spilococcus pressus* Ferris, 1950 |
| Putoidae | *Puto* | *Puto antioquensis* (Murillo, 1931) |
| Putoidae | *Puto* | *Puto barberi* (Cockerell, 1895) |
| Rhizoecidae | *Capitisetella* | *Capitisetella migrans* (Green, 1933) |
| Rhizoecidae | *Coccidella* | *Coccidella* *ecuadorina* Konczné Benedicty & Foldi, 2004 |
| Rhizoecidae | *Geococcus* | *Geococcus coffeae* Green, 1933 |
| Rhizoecidae | *Pseudorhizoecus* | *Pseudorhizoecus bari* Caballero & Ramos-Portilla 2018 |
| Rhizoecidae | *Pseudorhizoecus* | *Pseudorhizoecus proximus* Green, 1933 |
| Rhizoecidae | *Rhizoecus* | *Rhizoecus americanus* (Hambleton, 1946) |
| Rhizoecidae | *Rhizoecus* | *Rhizoecus arabicus* (Hambleton, 1976) |
| Rhizoecidae | *Rhizoecus* | *Rhizoecus atlanticus* (Hambleton, 1946) |
| Rhizoecidae | *Rhizoecus* | *Rhizoecus cacticans* (Hambleton, 1946) |
| Rhizoecidae | *Rhizoecus* | *Rhizoecus caladii* Green, 1933 |
| Rhizoecidae | *Rhizoecus* | *Rhizoecus coffeae* Laing, 1925 |
| Rhizoecidae | *Rhizoecus* | *Rhizoecus colombiensis* Ramos & Caballero, 2016 |
| Rhizoecidae | *Rhizoecus* | *Rhizoecus compotor* Williams & Granara de Willink, 1992 |
| Rhizoecidae | *Rhizoecus* | *Rhizoecus mayanus* (Hambleton, 1946) |
| Rhizoecidae | *Rhizoecus* | *Rhizoecus setosus* (Hambleton, 1946) |
| Rhizoecidae | *Rhizoecus* | *Rhizoecus spinipes* (Hambleton, 1946) |
| Rhizoecidae | *Rhizoecus* | *Rhizoecus variabilis* Hambleton, 1978 |
| Rhizoecidae | *Ripersiella* | *Ripersiella andensis* (Hambleton, 1946) |
| Rhizoecidae | *Williamsrhizoecus* | *Williamsrhizoecus coffeae* Caballero & Ramos |
| Xenococcidae | *Neochavesia* | *Neochavesia caldasiae* (Balachowsky, 1957) |
| Xenococcidae | *Neochavesia* | *Neochavesia eversi* (Beardsley, 1970) |
| Xenococcidae | *Neochavesia* | *Neochavesia trinidadensis* (Beardsley, 1970) |