**Table S1.** List of species that exhibit evidence of bark photosynthesis (Bark PS), bark conductance (Bark g), bark photosynthesis and bark conductance (Bark PS + g), and bark water uptake (Bark Water Uptake). Also shown are corresponding citations and GPS coordinates of observation, when available. Observations of Bark PS that only show evidence of CO2 reassimilation (and not net CO2 uptake) are indicated with an asterisk (\*).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Citation** | **Species** | **Latitude** | **Longitude** | **Evidence** |
| Adams et al. (1967) | *Parkinsonia florida* | 33.64507 | -116.37531 | Bark PS |
| Alessio et al. (2005) | *Prunus persica* | 41.91024 | 12.39591 | Bark PS\* + g |
| Anderson and Szarek (1981) | *Xanthisma gracile* | 34.33870 | -111.39533 | Bark PS |
| Armstrong and Armstrong (2005) | *Alnus glutinosa* | 53.82555 | -0.69581 | Bark PS |
| Aschan et al. (2001) | *Populus tremula* | 51.42236 | 6.80869 | Bark PS\* |
| Ávila-Lovera and Tezara (2018) | *Parkinsonia praecox* | 11.02500 | -64.29056 | Bark PS + g |
| Ávila-Lovera et al. (2017) | *Ambrosia salsola* | 33.68472 | -116.36889 | Bark PS + g |
|  | *Ambrosia salsola* | 34.03667 | -116.62334 | Bark PS + g |
|  | *Ambrosia salsola* | 33.68472 | -116.36889 | Bark PS + g |
|  | *Ambrosia salsola* | 34.03667 | -116.62334 | Bark PS + g |
|  | *Bebbia juncea* | 33.68472 | -116.36889 | Bark PS + g |
|  | *Bebbia juncea* | 33.68472 | -116.36889 | Bark PS + g |
|  | *Ephedra aspera* | 33.68472 | -116.36889 | Bark PS + g |
|  | *Ephedra aspera* | 33.68472 | -116.36889 | Bark PS + g |
|  | *Ephedra californica* | 34.03667 | -116.62334 | Bark PS + g |
|  | *Ephedra californica* | 34.03667 | -116.62334 | Bark PS + g |
|  | *Ephedra nevadensis* | 33.97055 | -117.32222 | Bark PS + g |
|  | *Ephedra nevadensis* | 33.97055 | -117.32222 | Bark PS + g |
|  | *Euphorbia xanti* | 33.97055 | -117.32222 | Bark PS + g |
|  | *Euphorbia xanti* | 33.97055 | -117.32222 | Bark PS + g |
|  | *Hoffmannseggia microphylla* | 33.68472 | -116.36889 | Bark PS + g |
|  | *Hoffmannseggia microphylla* | 33.68472 | -116.36889 | Bark PS + g |
|  | *Justicia californica* | 33.97055 | -117.32222 | Bark PS + g |
|  | *Justicia californica* | 33.68472 | -116.36889 | Bark PS + g |
|  | *Justicia californica* | 33.97055 | -117.32222 | Bark PS + g |
|  | *Justicia californica* | 33.68472 | -116.36889 | Bark PS + g |
|  | *Parkinsonia florida* | 33.97055 | -117.32222 | Bark PS + g |
|  | *Parkinsonia florida* | 33.68472 | -116.36889 | Bark PS + g |
|  | *Parkinsonia florida* | 33.97055 | -117.32222 | Bark PS + g |
|  | *Parkinsonia florida* | 33.68472 | -116.36889 | Bark PS + g |
|  | *Scutellaria mexicana* | 34.03667 | -116.62334 | Bark PS + g |
|  | *Scutellaria mexicana* | 34.03667 | -116.62334 | Bark PS + g |
|  | *Thamnosma montana* | 34.03667 | -116.62334 | Bark PS + g |
|  | *Thamnosma montana* | 34.03667 | -116.62334 | Bark PS + g |
| Ávila-Lovera et al. (2019) | *Ambrosia salsola* | 34.06403 | -116.05453 | Bark PS + g |
|  | *Bebbia juncea* | 34.06403 | -116.05453 | Bark PS + g |
|  | *Eriogonum inflatum* | 34.06403 | -116.05453 | Bark PS + g |
|  | *Krameria bicolor* | 34.06403 | -116.05453 | Bark PS + g |
|  | *Menodora spinences* | 34.06403 | -116.05453 | Bark PS + g |
|  | *Scutellaria mexicana* | 34.06403 | -116.05453 | Bark PS + g |
|  | *Senna armata* | 34.06403 | -116.05453 | Bark PS + g |
|  | *Stillingia linearifolia* | 34.06403 | -116.05453 | Bark PS + g |
|  | *Thamnosma montana* | 34.06403 | -116.05453 | Bark PS + g |
| Ávila-Lovera et al. (2020) | *Bursera epinnata* | 24.08333 | -110.35000 | Bark PS |
|  | *Bursera microphylla* | 24.08333 | -110.35000 | Bark PS |
|  | *Castela peninsularis* | 24.08333 | -110.35000 | Bark PS |
|  | *Cyrtocarpa edulis* | 24.08333 | -110.35000 | Bark PS |
|  | *Euphorbia lomelii* | 24.08333 | -110.35000 | Bark PS |
|  | *Fouquieria diguetii* | 24.08333 | -110.35000 | Bark PS |
|  | *Jatropha cinerea* | 24.08333 | -110.35000 | Bark PS |
|  | *Jatropha cuneata* | 24.08333 | -110.35000 | Bark PS |
|  | *Krameria paucifolia* | 24.08333 | -110.35000 | Bark PS |
|  | *Olneya tesota* | 24.08333 | -110.35000 | Bark PS |
|  | *Parkinsonia praecox* | 24.08333 | -110.35000 | Bark PS |
|  | *Prosopis articulata* | 24.08333 | -110.35000 | Bark PS |
| Beikircher and Mayr (2013) | *Malus domestica ‘Gala’* | 46.61666 | 10.86667 | Bark g |
|  | *Malus domestica ‘Nicoter cov’* | 46.61666 | 10.86667 | Bark g |
| Berveiller and Damesin (2008) | *Fagus sylvatica* | 48.70000 | 2.16667 | Bark PS\* |
| Berveiller et al. (2007) | *Alnus glutinosa* | 48.70000 | 2.16667 | Bark PS\* |
|  | *Alnus glutinosa* | 48.70000 | 2.16667 | Bark PS\* |
|  | *Betula pendula* | 48.70000 | 2.16667 | Bark PS\* |
|  | *Betula pendula* | 48.70000 | 2.16667 | Bark PS\* |
|  | *Fraxinus excelsior* | 48.70000 | 2.16667 | Bark PS\* |
|  | *Fraxinus excelsior* | 48.70000 | 2.16667 | Bark PS\* |
|  | *Ginkgo biloba* | 48.70000 | 2.16667 | Bark PS\* |
|  | *Ginkgo biloba* | 48.70000 | 2.16667 | Bark PS\* |
|  | *Picea abies* | 48.70000 | 2.16667 | Bark PS\* |
|  | *Picea abies* | 48.70000 | 2.16667 | Bark PS\* |
|  | *Pinus sylvestris* | 48.70000 | 2.16667 | Bark PS\* |
|  | *Pinus sylvestris* | 48.70000 | 2.16667 | Bark PS\* |
|  | *Quercus robur* | 48.70000 | 2.16667 | Bark PS\* |
|  | *Quercus robur* | 48.70000 | 2.16667 | Bark PS\* |
|  | *Tilia cordata* | 48.70000 | 2.16667 | Bark PS\* |
|  | *Tilia cordata* | 48.70000 | 2.16667 | Bark PS\* |
| Billings and Godfrey (1967) | *Mertensia ciliata* | 41.35379 | -106.34987 | Bark PS |
| Bloemen et al. (2016) | *Populus deltoides x nigra* | 51.02663 | 3.71396 | Bark PS\* |
| Bossard and Rejmanek (1992) | *Cytisus scoparius* | 38.53823 | -121.76390 | Bark PS |
| Brayman and Schaedle (1982) | *Populus tremuloides* | 43.04011 | -76.14387 | Bark PS\* |
| Burrows and Connor (2020) | *Angophora hispida* | -35.06000 | 147.36000 | Bark PS |
|  | *Corymbia citriodora* | -35.06000 | 147.36000 | Bark PS |
|  | *Corymbia eximia* | -35.06000 | 147.36000 | Bark PS |
|  | *Corymbia ficifolia* | -35.06000 | 147.36000 | Bark PS |
|  | *Corymbia maculata* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus albens* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus blakelyi* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus caesia* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus camaldulensis* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus cinerea* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus cladocalyx* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus erythrocorys* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus globulus* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus kruseana* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus leucoxylon* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus macrocarpa* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus macrorhyncha* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus melliodora* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus nicholii* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus rossii* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus scoparia* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus sideroxylon* | -35.06000 | 147.36000 | Bark PS |
|  | *Eucalyptus torquata* | -35.06000 | 147.36000 | Bark PS |
| Cagnola et al. (2012) | *Solanum lycopersicum* | -34.59722 | -58.48529 | Bark PS |
| Cannon (1908) | *Ambrosia dumosa* | 32.21490 | -111.00258 | Bark PS |
|  | *Baccharis emoryi* | 32.21490 | -111.00258 | Bark PS |
|  | *Celtis palida* | 32.21490 | -111.00258 | Bark PS |
|  | *Chloracantha spinosa* | 32.21490 | -111.00258 | Bark PS |
|  | *Condalia spathulaca* | 32.21490 | -111.00258 | Bark PS |
|  | *Ephedra antisyphilitica* | 32.21490 | -111.00258 | Bark PS |
|  | *Fouquieria splendens* | 32.21490 | -111.00258 | Bark PS |
|  | *Koeberlinia spinosa* | 32.21490 | -111.00258 | Bark PS |
|  | *Krameria canescens* | 32.21490 | -111.00258 | Bark PS |
|  | *Larrea tridentata* | 32.21490 | -111.00258 | Bark PS |
|  | *Olneya tesota* | 32.21490 | -111.00258 | Bark PS |
|  | *Parkinsonia aculeata* | 32.21490 | -111.00258 | Bark PS |
|  | *Parkinsonia microphylla* | 32.21490 | -111.00258 | Bark PS |
|  | *Parkinsonia torreyana* | 32.21490 | -111.00258 | Bark PS |
|  | *Prosopis velutina* | 32.21490 | -111.00258 | Bark PS |
|  | *Salix nigra* | 32.21490 | -111.00258 | Bark PS |
|  | *Sambucus nigra* | 32.21490 | -111.00258 | Bark PS |
|  | *Ziziphus parryi* | 32.21490 | -111.00258 | Bark PS |
| Carmichael et al. (2020) | *Taxodium distichum* | 36.13760 | -80.29523 | Bark Water Uptake |
| Cerasoli et al. (2008) | *Eucalyptus globulus* | 38.47500 | -8.45833 | Bark PS\* |
| Cernusak and Hutley (2011) | *Eucalyptus miniata* | -12.46614 | 130.83568 | Bark PS |
| Cernusak and Marshall (2000) | *Pinus monticola* | 46.79817 | -116.81479 | Bark PS + g |
| Cernusak et al. (2001) | *Pinus monticola* | 46.79817 | -116.81479 | Bark PS |
|  | *Populus tremuloides* | 46.80833 | -16.99167 | Bark PS |
| Chen et al. (2018) | *Castanopsis hystrix* | 22.68333 | 112.90000 | Bark PS\* |
|  | *Eucalyptus citriodora* | 23.18333 | 113.36667 | Bark PS\* |
|  | *Eucalyptus grandis × urophylla* | 24.76667 | 109.90000 | Bark PS\* |
|  | *Michelia macclurei* | 22.68333 | 112.90000 | Bark PS\* |
| Chen et al. (2021) | *Eucalyptus urophylla* | 22.68333 | 112.90000 | Bark PS\* |
| Comstock et al. (1988) | *Ambrosia salsola* | 34.95000 | -114.41666 | Bark PS |
|  | *Baccharis brachyphylla* | 34.95000 | -114.41666 | Bark PS |
|  | *Bebbia juncea* | 34.95000 | -114.41666 | Bark PS |
|  | *Gutierrezia sarothrae* | 34.95000 | -114.41666 | Bark PS |
|  | *Porophyllum gracile* | 34.95000 | -114.41666 | Bark PS |
|  | *Senecio flaccidus* | 34.95000 | -114.41666 | Bark PS |
|  | *Sphaeralcea parvifolia* | 34.95000 | -114.41666 | Bark PS |
| Damesin (2003) | *Fagus sylvatica* | 48.83333 | 2.16667 | Bark PS\* |
|  | *Fagus sylvatica* | 48.83333 | 2.16667 | Bark PS\* |
| De Baerdemaeker et al. (2017) | *Populus nigra* | 51.02663 | 3.71396 | Bark PS\* |
| De Roo et al. (2020) | *Populus tremula* | 51.02663 | 3.71396 | Bark PS\* |
| De Roo et al. (2020) | *Populus tremula* | 50.96667 | 3.81667 | Bark PS\* |
| De Roo et al. (2020) | *Populus tremula* | 51.02663 | 3.71396 | Bark PS\* |
| DePuit and Caldwell (1975) | *Artemisia tridentata* | 41.75000 | -111.75000 | Bark PS |
|  | *Gutierrezia sarothrae* | 41.75000 | -111.75000 | Bark PS |
|  | *Gutierrezia sarothrae* | 41.75000 | -111.75000 | Bark PS |
| Dima et al. (2006) | *Arbutus unedo* | 38.28968 | 21.78491 | Bark PS |
|  | *Capparis spinosa* | 38.28968 | 21.78491 | Bark PS |
|  | *Ceratonia siliqua* | 38.28968 | 21.78491 | Bark PS |
|  | *Cercis siliquastrum* | 38.28968 | 21.78491 | Bark PS |
|  | *Cistus creticus* | 38.28968 | 21.78491 | Bark PS |
|  | *Dittrichia viscosa* | 38.28968 | 21.78491 | Bark PS |
|  | *Elaeagnus angustifolia* | 38.28968 | 21.78491 | Bark PS |
|  | *Eucalyptus globulus* | 38.28968 | 21.78491 | Bark PS |
|  | *Euphorbia acanthothamnos* | 37.94720 | 23.81667 | Bark PS |
|  | *Myrtus communis* | 38.28968 | 21.78491 | Bark PS |
|  | *Neriun oleander* | 38.28968 | 21.78491 | Bark PS |
|  | *Olea europaea* | 38.28968 | 21.78491 | Bark PS |
|  | *Phillyrea media* | 38.28968 | 21.78491 | Bark PS |
|  | *Phlomis fructicosa* | 38.28968 | 21.78491 | Bark PS |
|  | *Pistacia lentiscus* | 38.28968 | 21.78491 | Bark PS |
|  | *Plantanus orientalis* | 38.28968 | 21.78491 | Bark PS |
|  | *Pyracantha coccinea* | 38.28968 | 21.78491 | Bark PS |
|  | *Robinia pseudoacacia* | 38.28968 | 21.78491 | Bark PS |
|  | *Sarcopoterium spinosum* | 38.28968 | 21.78491 | Bark PS |
|  | *Vitex angus-castus* | 38.28968 | 21.78491 | Bark PS |
| Earles et al. (2016) | *Sequoia sempervirens* | 38.53144 | -121.76175 | Bark Water Uptake |
| Edwards and Donoghue (2006) | *Pereskia diaz-romeroana* | -18.10113 | -64.45551 | Bark PS |
|  | *Pereskia guamacho* | 11.28126 | -69.69042 | Bark PS |
|  | *Pereskia marcanoi* | 19.08950 | -71.68403 | Bark PS |
|  | *Pereskia portulacifolia* | 18.42655 | -71.68403 | Bark PS |
|  | *Pereskia quisqueyana* | 18.36913 | -68.84258 | Bark PS |
|  | *Pereskia sacharosa* | -18.27388 | -64.15805 | Bark PS |
|  | *Pereskia weberiana* | -16.54096 | -67.39115 | Bark PS |
| Ehlreringer et al. (1987) | *Ambrosia salsola* | 34.95000 | -114.41666 | Bark PS + g |
|  | *Bebbia juncea* | 34.95000 | -114.41666 | Bark PS + g |
|  | *Chrysothamnus paniculatus* | 34.95000 | -114.41666 | Bark PS + g |
|  | *Dyssodia porophylloides* | 34.95000 | -114.41666 | Bark PS + g |
|  | *Gutierrezia microcephala* | 34.95000 | -114.41666 | Bark PS + g |
|  | *Gutierrezia sarothrae* | 34.95000 | -114.41666 | Bark PS + g |
|  | *Lepidium fremontii* | 34.95000 | -114.41666 | Bark PS + g |
|  | *Porophyllum gracile* | 34.95000 | -114.41666 | Bark PS + g |
|  | *Psilostrophe cooperi* | 34.95000 | -114.41666 | Bark PS + g |
|  | *Scutellaria mexicana* | 34.95000 | -114.41666 | Bark PS + g |
|  | *Senecio douglasii* | 34.95000 | -114.41666 | Bark PS + g |
|  | *Sphaeralcea parviflora* | 34.95000 | -114.41666 | Bark PS + g |
|  | *Stephanomeria paucifolia* | 34.95000 | -114.41666 | Bark PS + g |
|  | *Thamnosma montana* | 34.95000 | -114.41666 | Bark PS + g |
| Ehleringer et al. (1992) | *Ambrosia salsola* | 34.95000 | -114.41666 | Bark PS + g |
|  | *Senecio douglasii* | 34.95000 | -114.41666 | Bark PS + g |
| Eyles et al. (2009) | *Eucalyptus globulus* | -42.88106 | 147.32755 | Bark PS\* |
| Fan et al. (2018) | *Calligonum mongolicum* | 38.63333 | 101.08333 | Bark PS |
| Filippou et al. (2007) | *Olea europaea* | 37.98167 | 23.70333 | Bark PS |
| Foote and Schaedle (1976) | *Populus tremuloides* | 43.04011 | -76.14387 | Bark PS\* |
|  | *Populus tremuloides* | 43.04011 | -76.14387 | Bark PS\* |
| Francino et al. (2006) | *Chamaecrista trichopoda* | -20.76106 | -42.87235 | Bark PS |
|  | *Fouquieria columnaris* | 29.73333 | -114.70000 | Bark PS\* + g |
|  | *Fouquieria columnaris* | 29.73333 | -114.70000 | Bark PS\* + g |
|  | *Pachycormus discolor* | 29.73333 | -114.70000 | Bark PS\* + g |
|  | *Pachycormus discolor* | 29.73333 | -114.70000 | Bark PS\* + g |
| Gao et al. (2015) | *Eucalyptus grandis x urophylla* | 24.76667 | 109.90000 | Bark PS\* |
| Gibson (1981) | *Pachycormus discolor* | 29.70774 | -114.67684 | Bark PS |
| Gibson (1983) | *Adolphia californica* | 30.08009 | -115.67350 | Bark PS |
|  | *Ambrosia salsola* | 30.08009 | -115.67350 | Bark PS |
|  | *Asclepias albicans* | 30.08009 | -115.67350 | Bark PS |
|  | *Asclepias subulata* | 30.08009 | -115.67350 | Bark PS |
|  | *Baccharis sarothroides* | 30.08009 | -115.67350 | Bark PS |
|  | *Bebbia juncea* | 30.08009 | -115.67350 | Bark PS |
|  | *Canotia holacantha* | 30.08009 | -115.67350 | Bark PS |
|  | *Canotia wendii* | 30.08009 | -115.67350 | Bark PS |
|  | *Castela emoryi* | 30.08009 | -115.67350 | Bark PS |
|  | *Castela polyandra* | 30.08009 | -115.67350 | Bark PS |
|  | *Chloracantha spinosa* | 30.08009 | -115.67350 | Bark PS |
|  | *Crocanthemum scoparium* | 30.08009 | -115.67350 | Bark PS |
|  | *Ephedra aspera* | 30.08009 | -115.67350 | Bark PS |
|  | *Ephedra trifurca* | 30.08009 | -115.67350 | Bark PS |
|  | *Galvezia juncea* | 30.08009 | -115.67350 | Bark PS |
|  | *Glossopetalon spinescens* | 30.08009 | -115.67350 | Bark PS |
|  | *Hoffmannseggia microphylla* | 30.08009 | -115.67350 | Bark PS |
|  | *Justicia californica* | 30.08009 | -115.67350 | Bark PS |
|  | *Koeberlinia spinosa* | 30.08009 | -115.67350 | Bark PS |
|  | *Krameria bicolor* | 30.08009 | -115.67350 | Bark PS |
|  | *Menodora spinescens* | 30.08009 | -115.67350 | Bark PS |
|  | *Parkinsonia aculeata* | 30.08009 | -115.67350 | Bark PS |
|  | *Parkinsonia florida* | 30.08009 | -115.67350 | Bark PS |
|  | *Parkinsonia microphylla* | 30.08009 | -115.67350 | Bark PS |
|  | *Parkinsonia praecox* | 30.08009 | -115.67350 | Bark PS |
|  | *Psorothamnus spinosus* | 30.08009 | -115.67350 | Bark PS |
|  | *Russelia equisetiformis* | 30.08009 | -115.67350 | Bark PS |
|  | *Scutellaria mexicana* | 30.08009 | -115.67350 | Bark PS |
|  | *Senna armata* | 30.08009 | -115.67350 | Bark PS |
|  | *Thamnosma montana* | 30.08009 | -115.67350 | Bark PS |
|  | *Ziziphus obtusifolia* | 30.08009 | -115.67350 | Bark PS |
| Girma et al. (2013) | *Boswellia papyrifera* | 12.28333 | 36.00000 | Bark PS |
| Glass and Granet (1978) | *Fagus grandifolia* | 42.44270 | -76.53339 | Bark PS |
| Gómez-Vazquez and Engleman (1984) | *Bursera copallifera* | 18.75484 | -99.12683 | Bark PS |
|  | *Bursera longipes* | 18.75484 | -99.12683 | Bark PS |
| Grašič et al. (2020) | *Corylus avellana* | 45.83390 | 15.22020 | Bark PS |
| Haase et al. (1999) | *Retama sphaerocarpa* | 37.13334 | -2.36667 | Bark PS |
| Henrickson (1969) | *Fouquieria burragei* | 24.27708 | -110.32205 | Bark PS |
|  | *Fouquieria campanulata* | 29.75603 | -114.40990 | Bark PS |
|  | *Fouquieria columnaris* | 24.05756 | -110.36619 | Bark PS |
|  | *Fouquieria diguetii* | 27.44111 | -112.52515 | Bark PS |
|  | *Fouquieria fasciculata* | 20.70678 | -98.86697 | Bark PS |
|  | *Fouquieria formosa* | 18.72990 | -99.12967 | Bark PS |
|  | *Fouquieria leonilae* | 17.93513 | -99.60000 | Bark PS |
|  | *Fouquieria macdougalii* | 29.28709 | -110.95244 | Bark PS |
|  | *Fouquieria ochoterenae* | 17.58619 | -99.09227 | Bark PS |
|  | *Fouquieria purpusii* | 18.72990 | -99.12967 | Bark PS |
|  | *Fouquieria shrevei* | 25.66667 | -103.16666 | Bark PS |
|  | *Fouquieria splendens* | 29.75603 | -114.40990 | Bark PS |
| Hu et al. (2012) | *Gossypium hirsutum* | 45.31667 | 86.05000 | Bark PS |
| Ivanov et al. (2004) | *Ephedra sinica* | 43.20444 | 100.65972 | Bark PS |
| Katz et al. (1989) | *Picea abies* |   |   | Bark Water Uptake |
| Kharouk et al. (1995) | *Abies balsamea* | 56.80234 | -106.09182 | Bark PS |
|  | *Picea mariana* | 56.80234 | -106.09182 | Bark PS |
|  | *Populus tremuloides* | 56.80234 | -106.09182 | Bark PS\* |
| Kocurek et al. (2015)  | *Clusia multiflora* | 50.06686 | 19.93824 | Bark PS + g |
|  | *Clusia rosea* | 50.06686 | 19.93824 | Bark PS + g |
| Kocurek et al. (2020) | *Clusia minor* | 50.86668 | 20.63516 | Bark PS\* |
| Laur and Hacke (2014) | *Picea glauca* |   |   | Bark Water Uptake |
| Levizou and Manetas (2008) | *Prunus cerasus* | 38.28968 | 21.78491 | Bark PS |
| Levy and Jarvis (1998) | *Guiera senegalensis* | 13.23333 | 2.23333 | Bark PS\* |
| Li et al. (2014) | *Alhagi sparsifolia* | 37.01667 | 80.71639 | Bark PS |
| Liu (1998) | *Nyssa sylvatica var. biflora* | 29.78333 | -82.25000 | Bark Water Uptake |
|  | *Pinus elliottii* | 29.78333 | -82.25000 | Bark Water Uptake |
|  | *Taxodium ascendens* | 29.78333 | -82.25000 | Bark Water Uptake |
| Liu et al. (2018) | *Salix matsudana* | 40.00291 | 116.24641 | Bark PS\* |
| Liu et al. (2019) | *Salix matsudana* | 40.00303 | 116.24757 | Bark PS and Water Uptake |
| Lyshede (1979) | *Genista aetnensis* | 37.75188 | 14.99437 | Bark PS |
|  | *Spartocytisus filipes* | 28.2 | -16.6 | Bark PS |
|  | *Spartocytisus supranubius* | 28.2 | -16.6 | Bark PS |
| Maina and Wang (2015) | *Haloxylon ammodendron* | 44.15 | 84.5 | Bark PS |
| Manetas (2004) | *Arbutus unedo* | 38.28968 | 21.78491 | Bark PS |
|  | *Eucalyptus sp* | 38.28968 | 21.78491 | Bark PS |
|  | *Olea europaea* | 38.28968 | 21.78491 | Bark PS |
|  | *Phillyrea latifolia* | 38.28968 | 21.78491 | Bark PS |
|  | *Pinus halepensis* | 38.28968 | 21.78491 | Bark PS |
|  | *Pistacia lentiscus* | 38.28968 | 21.78491 | Bark PS |
|  | *Platanus orientalis* | 38.28968 | 21.78491 | Bark PS |
|  | *Populus deltoides* | 38.28968 | 21.78491 | Bark PS |
|  | *Prunus cerasus* | 38.28968 | 21.78491 | Bark PS |
|  | *Quercus coccifera* | 38.28968 | 21.78491 | Bark PS |
|  | *Quercus coccifera* | 38.28968 | 21.78491 | Bark PS |
|  | *Syringa vulgaris* | 38.28968 | 21.78491 | Bark PS |
| Manetas and Pfanz (2005) | *Actinidia deliciosa* | 51.46363 | 7.00260 | Bark PS |
|  | *Betula pendula* | 51.46363 | 7.00260 | Bark PS |
|  | *Fagus sylvatica* | 51.46363 | 7.00260 | Bark PS |
|  | *Nothofagus antarctica* | 51.46363 | 7.00260 | Bark PS |
|  | *Olea europaea* | 51.46363 | 7.00260 | Bark PS |
|  | *Prunus cerasus* | 51.46363 | 7.00260 | Bark PS |
|  | *Pyracantha coccinea* | 51.46363 | 7.00260 | Bark PS |
|  | *Quercus ilex* | 51.46363 | 7.00260 | Bark PS |
|  | *Quercus robur* | 51.46363 | 7.00260 | Bark PS |
|  | *Sambucus nigra* | 51.46363 | 7.00260 | Bark PS |
| Mayr et al. (2014) | *Picea abies* | 47.18333 | 11.31667 | Bark Water Uptake |
| Mincke and (2020) | *Populus tremula* | 51.05369 | 3.70649 | Bark PS\* |
| Mooney and Strain (1964) | *Fouquieria splendens* | 33.64507 | 116.37531 | Bark PS\* |
| Muller (1941) | *Canotia holacantha* | 34.22800 | -113.07050 | Bark PS |
|  | *Castela emoryi* | 34.16466 | -114.30158 | Bark PS |
|  | *Holocantha stewarti* | 30.48396 | -103.96201 | Bark PS |
|  | *Koeberlinia spinosa* | 31.38959 | -109.18531 | Bark PS |
|  | *Thamnosma montana* | 33.16019 | -114.73103 | Bark PS |
| Nedoff et al. (1985) | *Fouquieria splendens* | 33.64720 | -116.37666 | Bark PS |
| Nilsen (1992) | *Spartium junceum* | 37.22839 | -80.42561 | Bark PS |
| Nilsen and Bao (1990) | *Spartium junceum* | 37.22839 | -80.42561 | Bark PS |
| Nilsen and Sharifi (1994) | *Hoffmannseggia microphylla* | 33.81667 | -116.18333 | Bark PS |
|  | *Senna armata* | 34.06667 | -116.03333 | Bark PS |
| Nilsen et al. (1989) | *Psorothamnus spinosus* | 33.73333 | -116.38333 | Bark PS |
|  | *Bursera hindsiana* | 29.66667 | -115.20000 | Bark PS |
|  | *Bursera microphylla* | 29.66667 | -115.20000 | Bark PS |
|  | *Fouquieria columnaris* | 29.66667 | -115.20000 | Bark PS |
| Nilsen et al. (1990) | *Fouquieria splendens* | 29.66667 | -115.20000 | Bark PS |
|  | *Pachycormus discolor* | 29.66667 | -115.20000 | Bark PS |
| Nilsen et al. (1993) | *Cytisus scoparius* | 38.08333 | 123.00000 | Bark PS |
|  | *Spartium junceum* | 37.16667 | -123.00000 | Bark PS |
| Nilsen et al. (1996) | *Hoffmannseggia microphylla* | 33.81667 | -116.18333 | Bark PS |
|  | *Senna armata* | 34.06667 | -116.03333 | Bark PS |
| Olson (2003) | *Dendrosicyos socotrana* | 12.58957 | 53.83063 | Bark PS |
| Osmond et al. (1987) | *Eriogonum inflatum* | 35.58106 | -115.67590 | Bark PS |
| Pearson and Lawrence (1958) | *Populus tremuloides* | 45.40419 | -93.19082 | Bark PS |
| Pfanz (1999) | *Betula pendula* |   |   | Bark PS |
|  | *Fagus sylvatica* |   |   | Bark PS |
|  | *Ilex aquifolium* |   |   | Bark PS |
|  | *Quercus robur* |   |   | Bark PS |
| Pfanz and Aschan (2001) | *Corylus avellana* |   |   | Bark PS |
|  | *Corylus colurna* |   |   | Bark PS |
| Pfanz et al. (2002) | *Acer campestre* |   |   | Bark PS |
|  | *Acer platanoides* |   |   | Bark PS |
|  | *Acer pseudoplatanus* |   |   | Bark PS |
|  | *Aesculus hippocastanum* |   |   | Bark PS |
|  | *Betula pendula* |   |   | Bark PS |
|  | *Fagus sylvatica* |   |   | Bark PS |
|  | *Fraxinus excelsior* |   |   | Bark PS |
|  | *Larix decidua* |   |   | Bark PS |
|  | *Picea abies* |   |   | Bark PS |
|  | *Picea pungens* |   |   | Bark PS |
|  | *Pinus nigra* |   |   | Bark PS |
|  | *Populus tremula* |   |   | Bark PS |
|  | *Quercus robur* |   |   | Bark PS |
|  | *Salix fragilis* |   |   | Bark PS |
|  | *Sambucus nigra* |   |   | Bark PS |
|  | *Sorbus aucuparia* |   |   | Bark PS |
|  | *Tilia platyphyllos* |   |   | Bark PS |
|  | *Ulmus glabra* |   |   | Bark PS |
|  | *Ulmus laevis* |   |   | Bark PS |
| Pilarski (2002) | *Syringa vulgaris* | 50.09626 | 19.87881 | Bark PS |
|  | *Syringa vulgaris* | 50.09626 | 19.87881 | Bark PS |
| Pivovaroff et al. (2016) | *Ephedra californica* | 34.03667 | -116.62344 | Bark PS |
| Pivovaroff et al. (2014) | *Ruscus aculeatus* | 34.06547 | -118.44183 | Bark PS + g |
|  | *Ruscus microglossum* | 34.06547 | -118.44183 | Bark PS + g |
| Ranjan et al. (2012) | *Jatropha curcas* | 26.85629 | 80.94582 | Bark PS\* |
|  | *Jatropha curcas* | 26.85629 | 80.94582 | Bark PS\* |
| Rentzou and Psaras (2008) | *Euphorbia acanthothamnos* | 38.25000 | 21.73333 | Bark PS |
|  | *Nerium oleander* | 38.25000 | 21.73333 | Bark PS |
|  | *Plantanus orientalis* | 38.25000 | 21.73333 | Bark PS |
| Rosell et al. (2015) | *Acacia dealbata* | -42.40000 | 147.00000 | Bark PS |
|  | *Acacia parvipinnula* | -32.80000 | 150.90000 | Bark PS |
|  | *Alstonia actinophylla* | -12.50000 | 131.10000 | Bark PS |
|  | *Amphipterygium adstringens* | 19.50000 | -105.10000 | Bark PS |
|  | *Angophora costata* | -32.80000 | 150.90000 | Bark PS |
|  | *Antirhea tenuiflora* | -16.10000 | 145.50000 | Bark PS |
|  | *Aotus ericoides* | -42.40000 | 147.00000 | Bark PS |
|  | *Apoplanesia paniculata* | 19.50000 | -105.10000 | Bark PS |
|  | *Ardisia brevipedata* | -16.10000 | 145.50000 | Bark PS |
|  | *Banksia marginata* | -42.40000 | 147.00000 | Bark PS |
|  | *Bossiaea cinerea* | -42.40000 | 147.00000 | Bark PS |
|  | *Bouvardia ternifolia* | 19.30000 | -99.20000 | Bark PS |
|  | *Brachychiton paradoxus* | -12.50000 | 131.10000 | Bark PS |
|  | *Brombya platynema* | -16.10000 | 145.50000 | Bark PS |
|  | *Buchanania obovata* | -12.50000 | 131.10000 | Bark PS |
|  | *Buddleja cordata* | 19.30000 | -99.20000 | Bark PS |
|  | *Bursaria spinosa* | -32.80000 | 150.90000 | Bark PS |
|  | *Bursera cuneata* | 19.30000 | -99.20000 | Bark PS |
|  | *Bursera fagaroides* | 19.30000 | -99.20000 | Bark PS |
|  | *Bursera heteresthes* | 19.50000 | -105.10000 | Bark PS |
|  | *Bursera instabilis* | 19.50000 | -105.10000 | Bark PS |
|  | *Caesalpinia eriostachys* | 19.50000 | -105.10000 | Bark PS |
|  | *Carallia brachiata* | -16.10000 | 145.50000 | Bark PS |
|  | *Cassinia aculeata* | -42.40000 | 147.00000 | Bark PS |
|  | *Cassinia aff. cunninghamii* | -32.80000 | 150.90000 | Bark PS |
|  | *Casuarina torulosa* | -32.80000 | 150.90000 | Bark PS |
|  | *Cochlospermum fraseri* | -12.50000 | 131.10000 | Bark PS |
|  | *Cochlospermum vitifolium* | 19.50000 | -105.10000 | Bark PS |
|  | *Cordia alliodora* | 19.50000 | -105.10000 | Bark PS |
|  | *Corymbia bleeseri* | -12.50000 | 131.10000 | Bark PS |
|  | *Corymbia porrecta* | -12.50000 | 131.10000 | Bark PS |
|  | *Crescentia alata* | 19.50000 | -105.10000 | Bark PS |
|  | *Cryptocarya mackinnoniana* | -16.10000 | 145.50000 | Bark PS |
|  | *Daviesia latifolia* | -42.40000 | 147.00000 | Bark PS |
|  | *Daviesia squarrosa* | -32.80000 | 150.90000 | Bark PS |
|  | *Dodonaea viscosa* | 19.30000 | -99.20000 | Bark PS |
|  | *Doryphora aromatica* | -16.10000 | 145.50000 | Bark PS |
|  | *Dysoxylum papuanum* | -16.10000 | 145.50000 | Bark PS |
|  | *Elaeocarpus grandis* | -16.10000 | 145.50000 | Bark PS |
|  | *Endiandra microneura* | -16.10000 | 145.50000 | Bark PS |
|  | *Epacris impressa* | -42.40000 | 147.00000 | Bark PS |
|  | *Erythrina americana* | 19.30000 | -99.20000 | Bark PS |
|  | *Erythrophleum chlorostachys* | -12.50000 | 131.10000 | Bark PS |
|  | *Esenbeckia nesiotica* | 19.50000 | -105.10000 | Bark PS |
|  | *Eucalyptus miniata* | -12.50000 | 131.10000 | Bark PS |
|  | *Eucalyptus punctata* | -32.80000 | 150.90000 | Bark PS |
|  | *Eucalyptus tenuiramis* | -42.40000 | 147.00000 | Bark PS |
|  | *Eucalyptus tetrodonta* | -12.50000 | 131.10000 | Bark PS |
|  | *Eupomatia laurina* | -16.10000 | 145.50000 | Bark PS |
|  | *Exocarpus cupressiformis* | -42.40000 | 147.00000 | Bark PS |
|  | *Eysenhardtia polystachya* | 19.30000 | -99.20000 | Bark PS |
|  | *Ficus variegata* | -16.10000 | 145.50000 | Bark PS |
|  | *Gillbeea whypallana* | -16.10000 | 145.50000 | Bark PS |
|  | *Gliricidia sepium* | 19.50000 | -105.10000 | Bark PS |
|  | *Gomphandra australiana* | -16.10000 | 145.50000 | Bark PS |
|  | *Grevillea decurrens* | -12.50000 | 131.10000 | Bark PS |
|  | *Grevillea mucronulata* | -32.80000 | 150.90000 | Bark PS |
|  | *Grevillea pteridifolia* | -12.50000 | 131.10000 | Bark PS |
|  | *Haematoxylon brasiletto* | 19.50000 | -105.10000 | Bark PS |
|  | *Heliocarpus pallidus* | 19.50000 | -105.10000 | Bark PS |
|  | *Hernandia albiflora* | -16.10000 | 145.50000 | Bark PS |
|  | *Idiospermum australiense* | -16.10000 | 145.50000 | Bark PS |
|  | *Jacksonia scoparia* | -32.80000 | 150.90000 | Bark PS |
|  | *Jatropha chamelensis* | 19.50000 | -105.10000 | Bark PS |
|  | *Leucopogon ericoides* | -42.40000 | 147.00000 | Bark PS |
|  | *Lophostemon lactifluus* | -12.50000 | 131.10000 | Bark PS |
|  | *Montanoa tomentosa* | 19.30000 | -99.20000 | Bark PS |
|  | *Myristica globosa* | -16.10000 | 145.50000 | Bark PS |
|  | *Persoonia falcata* | -12.50000 | 131.10000 | Bark PS |
|  | *Persoonia juniperina* | -42.40000 | 147.00000 | Bark PS |
|  | *Persoonia linearis* | -32.80000 | 150.90000 | Bark PS |
|  | *Petalostigma pubescens* | -12.50000 | 131.10000 | Bark PS |
|  | *Piptadenia constricta* | 19.50000 | -105.10000 | Bark PS |
|  | *Pittocaulon praecox* | 19.30000 | -99.20000 | Bark PS |
|  | *Planchonia careya* | -12.50000 | 131.10000 | Bark PS |
|  | *Plumeria rubra* | 19.50000 | -105.10000 | Bark PS |
|  | *Podolobium ilicifolium* | -32.80000 | 150.90000 | Bark PS |
|  | *Prostanthera aff. violaceae* | -32.80000 | 150.90000 | Bark PS |
|  | *Pultenaea juniperina* | -42.40000 | 147.00000 | Bark PS |
|  | *Pultenaea scabra* | -32.80000 | 150.90000 | Bark PS |
|  | *Quercus rugosa* | 19.30000 | -99.20000 | Bark PS |
|  | *Rockinghamia angustifolia* | -16.10000 | 145.50000 | Bark PS |
|  | *Sedum oxypetalum* | 19.30000 | -99.20000 | Bark PS |
|  | *Tecoma stans* | 19.30000 | -99.20000 | Bark PS |
|  | *Wigandia urens* | 19.30000 | -99.20000 | Bark PS |
| Rundel et al. (1995) | *Pachypodium namaquanum* | -28.26667 | 18.10000 | Bark PS |
| Saveyn et al. (2010) | *Arctostaphylos manzanita* | 37.87190 | -122.26073 | Bark PS |
|  | *Prunus ilicifolia* | 37.87190 | -122.26073 | Bark PS |
|  | *Umbellularia californica* | 37.87190 | -122.26073 | Bark PS |
| Schaedle and Brayman (1986) | *Populus tremuloides* | 43.04011 | -76.14387 | Bark PS |
| Scott (1907) | *Acer pseudoplatanus* |   |   | Bark PS |
|  | *Aesculus hippocastanum* |   |   | Bark PS |
|  | *Aucuba japonica* |   |   | Bark PS |
|  | *Betula alba* |   |   | Bark PS |
|  | *Carpinus betulus* |   |   | Bark PS |
|  | *Cestrum sp* |   |   | Bark PS |
|  | *Corylus avellana* |   |   | Bark PS |
|  | *Crataegus curvisepala* |   |   | Bark PS |
|  | *Daphne mezereum* |   |   | Bark PS |
|  | *Fagus sylvatica* |   |   | Bark PS |
|  | *Fraxinus excelsior* |   |   | Bark PS |
|  | *Hedera helix* |   |   | Bark PS |
|  | *Ilex aquifolium* |   |   | Bark PS |
|  | *Jasminum nudiflorum* |   |   | Bark PS |
|  | *Laburnum vulgare* |   |   | Bark PS |
|  | *Larix europaea* |   |   | Bark PS |
|  | *Lonicera periclymenum* |   |   | Bark PS |
|  | *Plumbago sp* |   |   | Bark PS |
|  | *Populus nigra* |   |   | Bark PS |
|  | *Prunus spinosa* |   |   | Bark PS |
|  | *Pyrus amygdaliformis* |   |   | Bark PS |
|  | *Quercus robur* |   |   | Bark PS |
|  | *Robinia pseudoacacia* |   |   | Bark PS |
|  | *Rosa canina* |   |   | Bark PS |
|  | *Rubus sp* |   |   | Bark PS |
|  | *Sambucus nigra* |   |   | Bark PS |
|  | *Syringa vulgaris* |   |   | Bark PS |
|  | *Tilia europaea* |   |   | Bark PS |
|  | *Ulmus campestris* |   |   | Bark PS |
|  | *Viburnum lantana* |   |   | Bark PS |
| Simbo et al. (2013) | *Adansonia digitata* | 51.22281 | 4.40804 | Bark PS\* |
| Sivapalan (1975) | *Camellia sinensis* | 6.91468 | 80.70361 | Bark PS\* |
| Smith and Osmon (1987) | *Eriogonum inflatum* | 37.00000 | -117.35000 | Bark PS + g |
|  | *Eriogonum inflatum* | 38.68333 | -118.78333 | Bark PS + g |
| Solhaug and Haugen (1998) | *Populus tremula* | 59.50000 | 10.78333 | Bark PS |
| Solhaug et al. (1995) | *Populus tremula* | 59.50000 | 10.78333 | Bark PS |
| Strain and Johnson (1963) | *Populus tremuloides* | 41.00000 | -105.50000 | Bark PS\* |
| Su et al. (2004) | *Calligonum mongolicum* | 39.31667 | 100.03333 | Bark PS |
|  | *Haloxylon ammodendron* | 39.31667 | 100.03333 | Bark PS |
| Su et al. (2007) | *Haloxylon ammodendron* | 39.31667 | 100.03333 | Bark PS |
| Szarek and Woodhouse (1978) | *Parkinsonia microphylla* | 33.43333 | -111.75000 | Bark PS |
|  | *Parkinsonia microphylla* | 33.43333 | -111.75000 | Bark PS |
| Tarvainen et al. (2014) | *Picea abies* | 58.38334 | 12.15000 | Bark g |
| Tarvainen et al. (2018) | *Pinus sylvestris* | 64.16666 | 19.75000 | Bark PS\* |
| Tikhonov et al. (2017) | *Vitis vinifera* | 45.04835 | 38.92109 | Bark PS |
| Ting et al. (1983) | *Cissus quadrangularis* | 33.97371 | -117.33025 | Bark PS |
| Tinoco-Ojanguren (2008)  | *Justicia californica* | 29.01667 | -110.95000 | Bark PS |
| Tomasella et al. (2021) | *Populus nigra* | 45.66195 | 13.79294 | Bark PS\* |
| Valladares et al. (2003) | *Coronilla juncea* | 40.43665 | -3.63113 | Bark PS |
|  | *Cytisus scoparius* | 40.43665 | -3.63113 | Bark PS |
|  | *Genista scorpius* | 40.43665 | -3.63113 | Bark PS |
|  | *Retama sphaerocarpa* | 40.43665 | -3.63113 | Bark PS\* |
|  | *Spartium junceum* | 40.43665 | -3.63113 | Bark PS\* |
|  | *Ulex europaeus* | 40.43665 | -3.63113 | Bark PS\* |
| Vick and Young (2009) | *Myrtica cerifeca* | 37.66667 | -75.66666 | Bark PS\* |
| Wiebe (1975) | *Atriplex contertifolia* | 41.74517 | -111.81193 | Bark PS |
|  | *Betula pendula* | 41.74517 | -111.81193 | Bark PS |
|  | *Gleditschia triacanthos* | 41.74517 | -111.81193 | Bark PS |
|  | *Populus tremuloides* | 41.74517 | -111.81193 | Bark PS |
|  | *Sarcobatus vermiculatus* | 41.74517 | -111.81193 | Bark PS |
|  | *Syringa vulgaris* | 41.74517 | -111.81193 | Bark PS |
|  | *Tilia americana* | 41.74517 | -111.81193 | Bark PS |
| Wiebe et al. (1974) | *Atriplex contertifolia* | 40.72150 | -117.66830 | Bark PS |
|  | *Atriplex contertifolia* | 40.72150 | -117.66830 | Bark PS |
| Wittmann et al. (2001) | *Fagus sylvatica* | 51.46363 | 7.00260 | Bark PS\* |
|  | *Populus tremula* | 51.46363 | 7.00260 | Bark PS\* |
| Wittmann et al. (2005) | *Betula pendula* | 51.46363 | 7.00260 | Bark PS\* |
| Wittmann et al. (2006) | *Betula pendula* | 51.46363 | 7.00260 | Bark PS\* + g |
| Wittmann and Pfanz (2007) | *Betula pendula* | 51.46363 | 7.00260 | Bark PS\* |
|  | *Fagus sylvatica* | 51.46363 | 7.00260 | Bark PS\* |
| Wittmann and Pfanz (2008) | *Alnus glutinosa* | 51.46363 | 7.00260 | Bark PS\* |
|  | *Alnus glutinosa* | 51.46363 | 7.00260 | Bark PS\* + g |
|  | *Betula pendula* | 51.46363 | 7.00260 | Bark PS\* |
|  | *Betula pendula* | 51.46363 | 7.00260 | Bark PS\* + g |
|  | *Fagus sylvatica* | 51.46363 | 7.00260 | Bark PS\* |
|  | *Fagus sylvatica* | 51.46363 | 7.00260 | Bark PS\* + g |
|  | *Prunus avium* | 51.46363 | 7.00260 | Bark PS\* |
|  | *Prunus avium* | 51.46363 | 7.00260 | Bark PS\* + g |
|  | *Quercus robur* | 51.46363 | 7.00260 | Bark PS\* |
|  | *Quercus robur* | 51.46363 | 7.00260 | Bark PS\* + g |
| Wittmann and Pfanz (2014) | *Fagus sylvatica* | 51.46363 | 7.00260 | Bark PS\* |
|  | *Quercus robur* | 51.46363 | 7.00260 | Bark PS\* |
| Wittmann and Pfanz (2016) | *Abies nordmanniana* | 51.46363 | 7.00260 | Bark PS |
|  | *Fagus sylvatica* | 51.46363 | 7.00260 | Bark PS |
|  | *Fraxinus excelsior* | 51.46363 | 7.00260 | Bark PS |
|  | *Prunus avium* | 51.46363 | 7.00260 | Bark PS |
|  | *Quercus robur* | 51.46363 | 7.00260 | Bark PS |
| Wittmann and Pfanz (2018) | *Populus nigra* | 51.46363 | 7.00260 | Bark PS |
| Wolfe (2020) | *Annona hayesii* | 8.99354 | -79.54623 | Bark g |
|  | *Astronium graveolens* | 8.51667 | -79.88333 | Bark g |
|  | *Astronium graveolens* | 8.99354 | -79.54623 | Bark g |
|  | *Bursera simaruba* | 8.51667 | -79.88333 | Bark g |
|  | *Bursera simaruba* | 8.51667 | -79.88333 | Bark g |
|  | *Cavanillesia platanifolia* | 8.99354 | -79.54623 | Bark g |
|  | *Cavanillesia platanifolia* | 8.99354 | -79.54623 | Bark g |
|  | *Cedrela odorata* | 8.99354 | -79.54623 | Bark g |
|  | *Cojoba rufescens* | 8.51667 | -79.88333 | Bark g |
|  | *Cojoba rufescens* | 8.99354 | -79.54623 | Bark g |
|  | *Cojoba rufescens* | 8.51667 | -79.88333 | Bark g |
|  | *Genipa americana* | 8.51667 | -79.88333 | Bark g |
|  | *Genipa americana* | 8.51667 | -79.88333 | Bark g |
|  | *Hymenaea courbaril* | 8.99354 | -79.54623 | Bark g |
| Xu et al. (1997) | *Solanum lycopersicum* | 35.66588 | 140.07286 | Bark PS |
| Xu et al (2007) | *Haloxylon ammodendron* | 44.28333 | 87.93333 | Bark PS |
| Yanykin et al. (2020) | *Vitis vinifera* | 45.04835 | 38.92109 | Bark PS |
| Yiotis et al. (2006) | *Calicotome villosa* | 38.25000 | 21.73333 | Bark PS |
| Yiotis et al. (2008) | *Calicotome villosa* | 38.25000 | 21.73333 | Bark PS |
| Yiotis et al. (2009) | *Elaeagnus angustifolia* | 38.28968 | 21.78491 | Bark PS |
|  | *Nerium oleander* | 38.28968 | 21.78491 | Bark PS |
|  | *Plantanus orientalis* | 38.28968 | 21.78491 | Bark PS |
|  | *Quercus coccifera* | 38.28968 | 21.78491 | Bark PS |
| Yu et al. (2018) | *Eucalyptus dunnii?* | 26.74142 | 115.05811 | Bark PS\* |
|  | *Osmanthus fragrans* | 26.74142 | 115.05811 | Bark PS\* |
| Yu et al. (2019) | *Salix matsudana* | 40.01072 | 116.21000 | Bark Water Uptake |
| Zheng et al. (2021) | *Mikania micrantha* | 23.14599 | 113.35378 | Bark PS\* |
|  | *Paederia scandens* | 23.14599 | 113.35378 | Bark PS\* |
|  | *Pharbitis nil* | 23.14599 | 113.35378 | Bark PS\* |
|  | *Pueraria montana var lobata* | 23.14599 | 113.35378 | Bark PS\* |
| Zhu and Jin (2015) | *Calligonum mongolicum* |  |  | Bark PS |

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