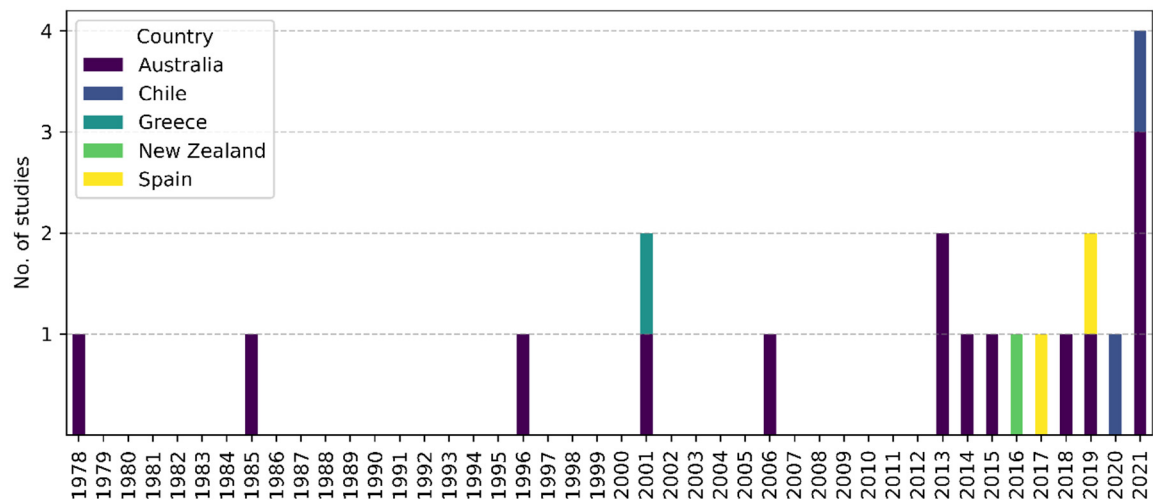


## Supplementary Materials

**Supplementary Table S1:** Description of the information manually extracted using Sysrev.

| Item                   | Data Type   | Description   |
|------------------------|-------------|---|
| Reference              | Free Text   | Document authors, title, DOI  |
| Publication year       | Numeric     | Year of publication   |
| Article title          | Free Text   | Document title  |
| Country                | Free Text   | Country where the study was conducted   |
| Species                | Free Text   | Names of the species used in the study  |
| Fuel material used     | Free Text   | Description of the material used in the study. For example, 'fresh leaves', 'leaf litter'.  |
| Measured leaf traits   | Categorical | Carbon, cellulose, chlorophyll and pigments, dry mass, dry matter, EWT, FMC, Fresh mass, LAI, Leaf angle, Leaf size and form, Leaf area, Leaf mass area, lignin, Phosphorous, Nitrogen, Oils and lipids, phenols, protein, Specific leaf area, Starch, Sugars, Terpenes, Water content, Waxes, volatile compounds, VOC, |
| Combustion             | Boolean     | Did the authors perform any combustion experiments?   |
| Drying time (hr)       | Numeric     | Duration (hours) of the leaf drying process   |
| Drying Temp (°C)       | Numeric     | Temperature (°C) at which the leaf drying process was conducted.  |
| Flammability component | Categorical | Ignitability, Combustibility, Consumability, Sustainability.  |



**Supplementary Figure S1.** Number of studies per country per year that related leaf-level traits with flammability in eucalypt trees.