**Ausplots Forest Monitoring Network Fuel Survey Database: Data description**

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See also Sam Wood, Helen Stephens, Jeff Foulkes, Elinor Ebsworth and David Bowman. 2015. AusPlots Forests Survey Protocols Manual V 1.6. University of Tasmania.

Table 1 - Description of datasheets in AusPlots Forest Monitoring Network Fuel Survey Database

|  |  |
| --- | --- |
| **Sheet Name** | **Description** |
| Site information | Details each site code, name, location and any notes taken during the fuel load survey. |
| Fuels data | Data pertaining to the mass and volume measurements of forest fuels collected as per Chapter 9 of the AusPlots Forests Survey Protocols Manual V 1.6 (referred hereafter to as the manual; Wood et al 2015). |
| Fuel moisture | Data pertaining to the moisture content of litter, grass, herbs and vines as per Chapter 9 of the manual (Wood et al 2015). |
| Paper bag standards | Mass measurements of paper bags of various sizes to use as standards in fuel moisture measurements. |

Table 2 - Description of data in AusPlots Forest Monitoring Network Fuel Survey Database, Fuels data sheet

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| --- | --- | --- |
| **Fuels data field** | **Data type** | **Description** |
| Date | Date | The date that each separate fuel transect was surveyed. In some cases, it was necessary to assess sites over multiple days. |
| Start Photo | Number | Reference to the photo number from the start post towards the end post, as per section 9.1 of the manual (Wood et al 2015). |
| End Photo | Number | Reference to the photo number from the end post towards the start post as per section 9.1 of the manual (Wood et al 2015). |
| Transect bearing | Number | Bearing of the transect (degrees) taken with a compass, as per section 9.1 of the manual (Wood et al 2015). |
| Slope (degrees) | Number | Slope (degrees) of the *site* at the mid-point of the transect, as per section 9.1 of the manual (Wood et al 2015). |
| Aspect | Number | Aspect (degrees) of the *site* at the mid-point of the transect, as per section 9.1 of the manual (Wood et al 2015). |
| Grass height | Number | Grass height (cm) at eighteen points along the transect, as per section 9.3 of the manual (Wood et al 2015). |
| Litter height | Number | Litter height (cm) at eighteen points along the transect, as per section 9.3 of the manual (Wood et al 2015). |
| Duff depth | Number | Duff depth (cm) from four soil cores per transect, as per Chapter 10 of the manual (Wood et al 2015). |
| Woody fuels | Number | Woody fuel counts in categories and extents as detailed in section 9.4 of the manual (Wood et al 2015). |
| Heavy fuels | Number | Diameter (cm) at intercept of fuels >76 mm along the transect as per section 9.4 of the manual (Wood et al 2015). |
| Live grass cover | Number | Percentage of the quadrat occupied by attached grass, where at least some part of the plant remains alive. |
| Dead grass cover | Number | Percentage of the quadrat occupied by attached grass, where the entire plant is dead. |
| Litter cover | Number | Percentage of the quadrat occupied by litter (unattached) <6mm in diameter. |
| Live herbs cover | Number | Percentage of the quadrat occupied by attached herbs where at least some part of the plant remains alive. |
| Dead herbs cover | Number | Percentage of the quadrat occupied by attached herbs where the entire plant is dead. |
| Live shrub cover | Number | Percentage of the quadrat occupied by attached shrubs where at least some part of the plant remains alive. |
| Dead shrub cover | Number | Percentage of the quadrat occupied by attached shrubs where the entire plant is dead. |
| Live vine cover | Number | Percentage of the quadrat occupied by attached vines where at least some part of the plant remains alive. |
| Dead vine cover | Number | Percentage of the quadrat occupied by attached vines where the entire plant is dead. |
| Fine fuel weights | Number | The weight of all biomass (g) within a 1 x 1 m quadrat (to a height of 2 m) contributed by various components, as described in section 9.6 of the manual (Wood et al 2015). |