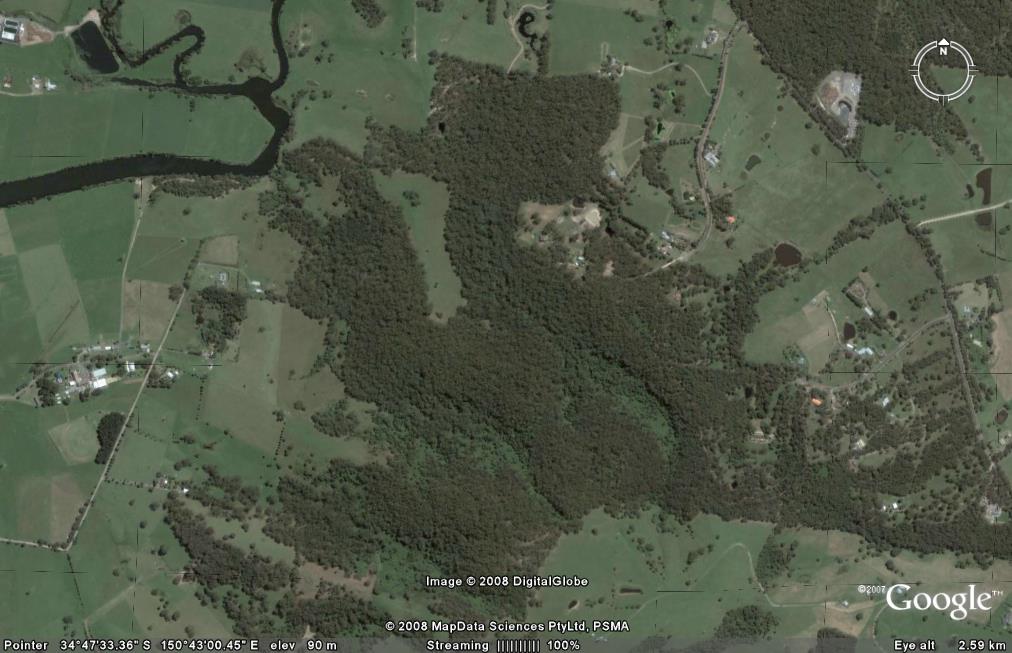
|  |  |
| --- | --- |
| **Landcare_subv1_Inline_rev_cmyk.jpg** | **Welcome to this walk through one of our sites** |

**A WALK IN MOEYAN HILL RESERVE:**



* 36 ha set aside by developers of the Berry Downs subdivision in 1974.
* **Landscape value**: .
  + Scenic protection zones
  + Ecologically Sensitive Zones (including EEC, Illawarra Subtropical Rainforest)
  + Adjacent heritage areas
* **Corridor value** Identified as part of the corridor from escarpment along Broughton Creek to Coomonderry Swamp and 7 Mile Beach National Park: Berry Landcare Corridor Project: Bushlinks Grant Dec 2015: $500,000 over 10 years
* **Moeyan Hill Bushcare**: a site of Berry Landcare Inc
  + Supported by Shoalhaven City Council Bushcare Programme
* **Cultural Significance: Aboriginal Sites.**
  + Within the Reserve, a rock shelter with evidence of habitation and two sets of sharpening grooves
  + Beyond the boundaries of the reserve, on the Western side, nearer the top of the hill, a Bunan (initiation) site, described by R H Matthews in The American Anthropologist: Vol. IX October, 1896.

**Moeyan Hill forest communities described in the Remnant Vegetation Management Plan**

**Complex Subtropical Rainforest (COM‑SRF):** steep gullies on the north-western and northern slopes

* Lillypilly *Acmena smithii*,
* Sassafras *Doryphora sassafras*,
* Sandpaper fig *Ficus coronata*,
* Giant Stinging Tree *Dendrocnide excelsa* and
* Cabbage Palm *Livistona australis*. The floor of the rainforest has many species of fems such as
* Giant Maidenhair Fern Adiantum formosum,
* Gristle Fern *Blechnum cartilagineum*
* Rainbow Fern *Culcita dubia*,
* Sickle Fern *Pellaea* *falcata* and
* Elkhorn *Platycerium bifurcatum*.

**Blue Gum ‑ Blackbutt Tall Forest (SAL‑PIL)** Tall Forest on the northern slopes

* Blue Gum ‑ *Eucalyptus saligna*/
* *Eucalyptus botryoides* and
* Blackbutt *Eucalyptus pilularis* especially along the middle to lower slopes of the gullies. It is at least 25 metres in height with a well developed deep canopy.

The understorey contains some shrub species such as

* Two-veined Hickory *Acacia binervata* and
* Black Wattle *Acacia ‑mearnsii*

**Blackbutt ‑ Turpentine Forest (PIL‑SYN)** On the ridge tops of the northern slopes:

* *Blackbutt: Eucalyptus pilularis*
* *Turpentine: Syncarpia* *glomulifera*.

Other tree species include

* Rough‑barked Apple: *Angophora floribunda*,
* Grey Gum: *Eucalyptus punctata*
* Ironbark: *Eucalyptus paniculata* on the drier areas.
* A*cacia binervata*,
* *Acacia mearnsii*,
* *Persoonia linearis* and
* *Indigofera australis*.

**Red Gum ‑ Angophora Forest (TER‑ANG) :** In part of the northwest there are small patches

* Red Gum *Eucalyptus tereticornis* and
* Angophora *Angophora floribunda*.

**Spotted Gum ‑ Blackbutt Forest (MAC‑PIL) :** On the south western slopes

* Spotted Gum ‑ *Eucalyptus maculata* and
* Blackbut *Eucalyptus pilularis*.
* Grey Ironbark *Eucalyptus paniculata* and
* Grey Gum *Eucalyptus punctata*

**Turpentine Forest (SYN‑FOR)**

* Turpentine *Syncarpia glomulifera*
* *Acmena smithii*
* *Pittosporum undulatum*.

|  |  |
| --- | --- |
| DSC09121 | DSC_3875.JPGDSC_3901.JPG |
| DSC_3894.JPG | |

One night in January 2014, using a “harp trap”, 88 of these micro bats were caught, identified, weighed and released, along the trail we will have walked.

Moeyan Hill is within a wildlife corridor from the escarpment to the sea, which is identified in the South Coast Regional Conservation Plan and the Southern Rivers Catchment Action Plan, is reflected in the South Coast Regional Strategy, and links with the Great Eastern Ranges Corridor. Realising this corridor is a project of Berry Landcare and recognises the landscape of the Berry Area, which is heritage listed

Trees that can be found on Moeyan Hill (ones we should see on the walk)

|  |  |
| --- | --- |
| *Acacia binervata* | Two-veined Hickory |
| *Acacia maidenii* | Maidens wattle |
| *Acacia mearnsii* | Black Wattle |
| *Acmena smithii*, | Lillypilly |
| *Alectryon* subcerinus | native quince |
| *Alphitonia excelsa* | Red Ash |
| *Angophora floribunda*, | Rough‑barked Apple |
| *Backhousia myrtifolia* | grey myrtle |
| *Baloghia lucida* | Brush Bloodwood |
| *Brachychiton acerifolium* | Flame Tree |
| *Callistemon saligna* | willow bottlebrush |
| *Cassine australis* | Red‑fruited Olive Plum |
| *Casuarina glauca* | Swamp Oak |
| *Cerapetalum apelatum* | Coachwood |
| *Citriobatus pauciflorus* | Orange Thorn |
| *Claoxylon australe* | Brittlewood |
| *Clerodendrum tomentosum* | Hairy Clerodendrum |
| *Cryptocaria glaucescens* | Jackwood-Native Laurel |
| *Cryptocaria microneura* | Murrogun |
| *Dendrocnide excelsa* | Giant Stinging Tree |
| *Diospyros australe* | Black plum |
| *Diospyros pentamera* | Gray persimmon |
| *Diploglottis australis* | Native Tamarind |
| *Doryphora sassafras*, | Sassafras |
| *Ehretia acuminate* | Koda |
| *Elaeocarpus kirtonii* | White quandong |
| *Eucalyptus botryoides* | Bangalay |
| *Eucalyptus maculata* | Spotted Gum |
| *Eucalyptus paniculata* | Grey Ironbark |
| *Eucalyptus pilularis*. | Blackbutt |
| *Eucalyptus punctata*. | Grey Gum |
| *Eucalyptus Macrofolia* | Cabbage Gum |
| *Eucalyptus saligna* | Blue gum |
| *Eucalyptus tereticornis* | Red Gum |
| *Eupotamia laurina* | Bolwarra |
| *Exocarpus cupressiformis* | Cherry Ballart |
| *Ficus coronata* | Sandpaper fig |
| *Glochidion ferdinandi* | Cheesetree |
| *Indigofera australis*. |  |
| *Livistona australis*. | Cabbage Palm |
| *Melaleuca styphelioides* | Prickly‑leaved Tea‑tree |
| *Melalueca quinquenerva* | Broad-leafed paperbark |
| *Melia azerdarach* | White Cedar |
| *Melicope micrococca* | White Melicope |
| *Notalea venosa* | Native 0live |
| *Notelea longifolia* | Native olive |
| *Omalanthus populifolius* | Bleeding Heart |
| *Persoonia linearis* | Narrow-leaved Geebung |
| *Pittosporum revolutum* | Rough Fruiting pittosporum |
| *Pittosporum undulatum*. | Sweet pittosporum |
| *Polyscias murrayi* | Pencil Cedar |
| *Rapanea variabilis* | Mutton wood |
| *Rhodamnia rubescens* | Scrub Turpentine |
| *Stenocarpus saligna* | scrub beefwood |
| *Streblus brunonianus* | Whalebone Tree |
| *Syncarpia glomulifera* | Turpentine |
| Synoum glandulosum | Bastard Rosewood |
| *Syzigium australe* | Brush Cherry |
| *Toona ciliata/australis* | Red Cedar |
| *Trema aspera* | Native Peach |
| *Wilkiea huegeliana* | Common Wilkiea |

**Ferns:**

Giant Maidenhair Fern *Adiantumformosum*

Gristle Fern  *Blechnum cartilagineum*

Rainbow Fern  *Culcita dubia*,

Sickle Fern  *Pellaea* *falcata*

Elkhorn  *Platycerium bifurcatum*

**References**:

* Remnant Vegetation, Management Plan, Moeyan Hill, Shoalhaven City Council, November 1998 by Julian Laing and Peter Dalmazzo;
* Berry Bushcare site visits, Alasdair Stratton (SCC), David Curtis (SR-CMA)