

ANNUAL REPORT Number 2

CO482/002/A

Claire and James DENNIS

February.2016

Landowner(s): Bleak House Pty Ltd (Claire and James Dennis)

Site Reference: TFN-C0482/002/A

| Year | Site and Zone(s) (e.g. 001/A) | Management Actions to be completed (e.g. These actions are found listed in the Offset Management Plan appended to your Deed of Covenant) | Timing (What time of year?) | Description of Action (e.g. What method of control did you use?) | Supporting Documents (e.g. photos, receipts) | Comments and Observations (Have you noticed any changes in the vegetation, fauna or other features of the site e.g. have you found new species, have the weed/pest increased/ decreased/ remained the same?) |
|------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1-10 | 002/A | Stock exclusion: Monitor and maintain fencing | Continuous | The broader paddock has stock proof fencing which has been maintained and repaired where necessary. | | The new grazing cells which have been established with new ringlock fencing have been maintained. |
| | | Stock exclusion: Ensure all stock remains absent from offset site (unless required as part of the ecological management of the site and prior consent has been obtained from Trust for Nature) | Continuous | A Letter of Approval from Trust for Nature allows grazing of sheep in the offset area at times indicated by the OMP. A second letter of Approval from Trust for Nature allows grazing if necessary during spring to reduce the growth of the annual weeds. | Copy of letters attached. | Two pulses of grazing have been carried out in the cells which contain this offset. The first was early autumn which was 12 months after the burn. The second was before the restricted spring summer grazing time. |
| | | Woody weed control: There are currently no woody weeds within the offset area. Maintain the absence of high threat woody weeds | Continuous | There is constant monitoring for woody weeds in the area whenever any work or surveys are carried out. | | No woody weeds have been found in the area. |
| | | Brown-top Bent: Burn standing dead material. New growth controlled with pulse grazing with sheep to prevent seed set and herbicide application. Cover at inception: 10% | July- November | Weed mapping of the area has been undertaken. Since the recovery from the burn in February 2014 grazing has been used to reduce the growth of the Bent Grass. Herbicide application with a wick wiper was used on some areas. | Photo point monitoring. | The burn reduced the biomass of the Brown Top Bent and although it re-grew more native species were able to grow in amongst the Bent. The wiping appears to have killed off the Bent but further monitoring is required and a repeat of herbicide application if it remains alive. The grazing has |

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|------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | | helped to keep the biomass at a lower level. Overlaying the weed map with a map of areas of high quality native vegetation will help to plan future weed control work to achieve the greatest benefit for native vegetation. |
| | | Sweet Vernal-grass: Controlled pulse grazing by sheep to prevent seed set. Spot spraying appropriate herbicide to prevent seeding. Cover at inception: 1-5% | July- November | Weed mapping of the area has been undertaken to record the occurrence and density of Sweet Vernal Grass. This mapping has helped to strategically plan weed control options. Since the recovery from the burn grazing was introduced again in February 2015. | Photos of photo point monitoring. | In this area there is not a high occurrence of Sweet Vernal. There has not been any increase in the area of this grass over the twelve months. |
| | | Oats: Controlled pulse grazing by sheep to prevent seed set. Spot spraying appropriate herbicide to prevent seeding. Cover at inception: 1-5% | July- November | Weed mapping of the area has been undertaken to record the occurrence and density of the Wild Oats. This mapping has helped to strategically plan weed control options. Since the recovery from the burn pulse grazing was introduced again in February 2015 and used again in the winter before grazing restrictions. | Photo point monitoring. | There is little change in the area covered by the Wild Oats. It was recorded that in the photo point which has the highest cover of Wild Oats that the height of this grass has reduced from 16.4cm in Spring 2014 to 7cm in Spring 2015. This may be due to drier weather conditions and/or pulse grazing of the area. More grazing will be carried out later into the growing period. It is planned that grazing will be carried out in spring 2016. |

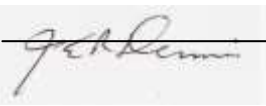
| Year | Site and Zone(s) (e.g. 001/A) | Management Actions to be completed (e.g. These actions are found listed in the Offset Management Plan appended to your Deed of Covenant) | Timing (What time of year?) | Description of Action (e.g. What method of control did you use?) | Supporting Documents (e.g. photos, receipts) | Comments and Observations (Have you noticed any changes in the vegetation, fauna or other features of the site e.g. have you found new species, have the weed/pest increased/ decreased/ remained the same?) |
|------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1-10 | 002/A | Rye-grass: Controlled pulse grazing by sheep to prevent seed set. Spot spraying appropriate herbicide to prevent seeding. Cover at inception: 1-5% | July- November | Weed mapping of the area has been undertaken to record the occurrence and density of the Rye Grass. This mapping has helped to strategically plan weed control options. Since the recovery from the burn pulse grazing was introduced again in February 2015 and used again in the winter before grazing restrictions. | Photo point monitoring photo.. | There is little change in the area of Rye Grass. There is very little in this offset area. |
| | | Toowoomba Canary-grass: Spot spraying appropriate herbicide. Cover at inception: 1-5% | Early Spring | Weed mapping of the area has been undertaken to record the occurrence and density of the Phalaris. This mapping has helped to strategically plan weed control options. Since the recovery from the burn pulse grazing was introduced again in February 2015 and used again in the winter before grazing restrictions. Herbicide application with spot spraying was used on some areas. These were spot sprayed in the autumn and spring. | Photo point monitoring photos and general photos of paddock. | There has been a slight decrease in the amount of phalaris in the area. This is due to the phalaris tussocks being killed by the herbicide treatment. It would be advantageous to be able to seed over these dead tussocks with native grass such as <i>Themeda triandra</i> so that fewer weeds are able to colonise the area. |
| | | Salsify: Spot spraying appropriate herbicide. Cover at inception: <1% | Early Spring | Weed mapping of the area has been undertaken to record the occurrence and density of the Salsify. This mapping has helped to strategically plan weed control options. Since the recovery from the burn pulse grazing was | Photo point monitoring photos | The areas of Salsify that were treated have responded well. A follow up in these areas will be undertaken in the next 12 months. Some young plants of Salsify have been successfully sprayed before flowering or seeding, and more |

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|------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | introduced again in February 2015 and used again in the winter before grazing restrictions. .Some areas of Salsify were cut, painted with herbicide or pulled out, bagged and removed from site. (If left on site the plant will continue to flower and set seed due to the large store of nutrients in its root.) | | are planned for this treatment in the coming months. |
| | | Spear Thistle: Spot spraying the appropriate herbicide to prevent flowering. Cover at inception: 1-5% | July- November | Weed mapping of the area has been undertaken to record the occurrence and density of the Spear Thistle. This mapping has helped to strategically plan weed control options. Since the recovery from the burn pulse grazing was introduced again in February 2015 and used again in the winter before grazing restrictions. Thistles have been hoed in autumn and spring and is ongoing whenever any work is done in the area. | Photo point monitoring photos and general photos of paddock.. | The whole area will be continually monitored and treated where necessary. The hoeing of Thistles over the whole area in summer 2015 has helped reduce the occurrence. Thistles continue to grow in the area germinating from the weed seed bank in the soil and from seed blown in from neighbouring paddocks. It appears that the area of Thistle has reduced in the last 12 months. |
| | | New and emerging weed control: Monitor for new and emerging weeds and eliminate any found. | Continuous | Continual monitoring for any new weeds is undertaken when other work is being done on site. The South African Weed Orchid was found in a few spots in the site 12 months ago. | | The areas where the South African Weed Orchid was found and removed has been carefully checked at various times and none has been seen in the area. |

| Year | Site and Zone(s) (e.g. 001/A) | Management Actions to be completed (e.g. These actions are found listed in the Offset Management Plan appended to your Deed of Covenant) | Timing (What time of year?) | Description of Action (e.g. What method of control did you use?) | Supporting Documents (e.g. photos, receipts) | Comments and Observations (Have you noticed any changes in the vegetation, fauna or other features of the site e.g. have you found new species, have the weed/pest increased/ decreased/ remained the same?) |
|------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1-10 | 002/A | Rabbit control: Monitor rabbit population and control by fumigating and hand-collapsing warrens and baiting or shooting. | Summer – Winter | Continual monitoring for rabbits is carried out whenever any work is done in the paddock. | | No rabbits have been found on this site and there is no evidence of active rabbit burrows . |
| | | Fox control: Monitor fox population and control by fumigating and hand-collapsing dens and baiting. | Summer/ Autumn | There is evidence of fox dens on the rocky barriers but these are not active at present. Continual monitoring is carried out whenever other work is done in the area. | | There has been no need for control at the fox dens as yet but the area is monitored and baiting may be used if necessary. |
| | | Hare control: Monitor hare population and control by baiting or shooting. | Summer – Winter | Continual monitoring is carried out whenever other work is done in the area. | | No hares have been recorded. |
| | | Other pest control: Monitor for new and emerging pest animal species and control any found | Continuous | Continual monitoring is carried out whenever other work is done in the area. | | No new pest animals have been recorded. |
| | | Biomass Management: Biomass management in the form of grazing will be conducted in consultation with Trust for Nature. | Late Summer-early Winter. | The broader paddock has stock proof fencing which has been maintained and repaired where necessary. Grazing cells have been established which allows pulse grazing of sheep. | Photo point monitoring, | The grazing cycle twelve months post burn has been successful with reducing the biomass of the site including that of the weeds such as Bent Grass. |

| Year | Site and Zone(s) (e.g. 001/A) | Management Actions to be completed (e.g. These actions are found listed in the Offset Management Plan appended to your Deed of Covenant) | Timing (What time of year?) | Description of Action (e.g. What method of control did you use?) | Supporting Documents (e.g. photos, receipts) | Comments and Observations (Have you noticed any changes in the vegetation, fauna or other features of the site e.g. have you found new species, have the weed/pest increased/ decreased/ remained the same?) |
|------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Biomass Management: Biomass management in the form of burning will be conducted if required in consultation with Trust for Nature. No patch is to be burnt more than once every 3 years. | Once every 5 years in Autumn-Spring | Since the recovery from the burn pulse grazing was introduced again in February 2015 and used again in the winter before grazing restrictions. | Photo point monitoring, some from 12 months ago and general photos show effects of burn, table of average heights, %bare ground and inter tussock space.. | The photo point monitoring has recorded the amount of biomass present . For four photo points the records are for three years' worth of monitoring and for the total 15 for two years' worth. The 4 photo points with 3 years of results show that percentages of intertussock space, and bare ground are both greater in 2014 and 2015 compared with 2013 while the average height of vegetation is lower for the more recent years. Considering the 15 photo points over 2014 and 2015 intertussock space and bare ground are greater in 2014 after the burn while the average height is lower in 2015. |

I hereby declare that the supplied information contained within this report is accurate and complies with all the reporting requirements under the Offset Management Plan.

Signed:  _____
Name: James E.R. Dennis Date: 23rd February 2016

Signed:  _____
Name: Claire Dennis Date: 23rd February 2016

Photo Point Monitoring.

A hot uncontrolled burn occurred across the offset site in late February 2014. In the spring of 2013, prior to the covenant and OMP being finalised, 15 photo points were set up using an old GPS unit to record the positions and marked with plastic whiskers. Unfortunately the GPS points were not accurate and could not be reproduced and the whiskers burnt in the fire. Four of the original points were marked with steel posts and these were found and used again in the new set of 15 photo points which were set up in spring 2014. A new GPS unit has been used to mark the points and short steel posts used as markers for the plots.

Surveys have been undertaken at each photo point. A marker post was placed at the 1 metre plot at the north east corner. A GPS point was taken at this corner. Within the 1 metre² plot percentages of total vegetation cover, native and weed species cover, inter-tussock space bare ground and litter were estimated. The percentages of different types of native (graminoids and herbs) and weed species (perennial, annual grasses and dicotyledons) were also recorded. It is important to consider that this is an estimation and depends on the time of year, the conditions at that time and the person undertaking the surveys. In 2015 a Biomass Estimation was also used employing the 'Golf Ball Method'*. This involved dropping 18 golf balls from a set height (1.3m) into the 1 metre² plot and an estimate made of the percentage of each golf ball not covered by vegetation. This gives an estimation of the biomass present. Over time it will be easier to note any trends in the data. At each photo point in each 1 metre² and 5 metre² plots a list of species present was recorded.

Vegetation height was also measured using the 'drop disc method' (Bransbury and Tainton 1977; Catchpole and Wheeler 1992). A disc with a central slot is dropped down a vertically held ruler and the height above ground where the disc comes to rest is then measured. The disc is a standard 200 g and 30 cm in diameter, and dropped from 1 meter.

*Morgan, John. Rapid Assessment of Biomass – the 'Golf Ball Method' in Land of Sweeping Plains – Managing and restoring the native grasslands of south-eastern Australia (2015) ed Nicholas S.G, Adrian Marshall and John W Morgan. CSIRO Publishing
Bransbury, D. I. and Tainton, N. M. (1977) The disc pasture meter: Possible applications in grazing management. Proc. Grass. Soc. Sth.Afr. 5, 115-18.
Catchpole, W. R. and Wheeler, C. J. (1992) Estimating plant biomass: A review of techniques. Australian Journal of Ecology 17, 121-131

Photos were taken of each plot; a landscape view and a close up view. Each time the landscape photo was taken from the north side of the plot looking due south, and the close up view was taken looking vertically down from the centre of 1 metre² plot from a height that included the whole plot in the frame. A new camera has been used in 2016 as the previous one has broken so the lens is slightly different.

MAB PPM 101

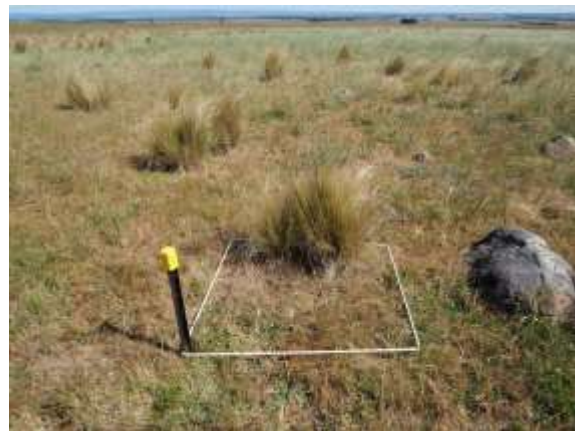
S 38°15.412'

E 143°46.281'

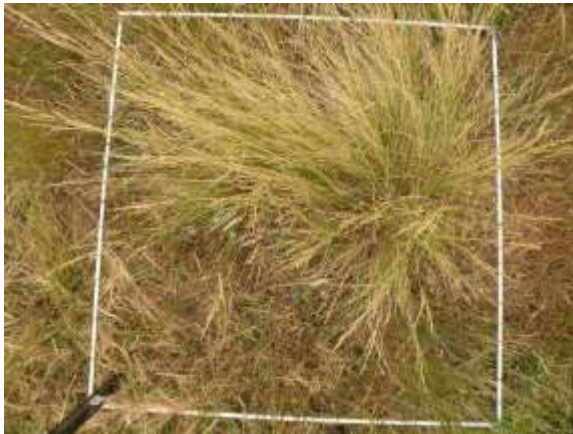
| Date & time | 26.11.2014 09.34 | 16.11.2015 16.02 |
|----------------------------------------|-------------------|------------------------|
| Total Vegetation Cover | 75% | 85% |
| Average Height Vegetation | 11.6cm | 15.2cm |
| Total Native Vegetation Cover | 35% | 30% |
| Graminoids | 30% | 28% |
| Herbs | 5% | 2% |
| Total Weeds | 40% | 55% |
| Total Grasses | 35% | 45% |
| Grasses – perennial | 10% | 10% |
| Grasses – annual | 25% | 35% |
| Dicots | 5% | 10% |
| Inter-tussock space | 25% | 7% |
| Bare Ground | 20% | 5% |
| Litter | 5% | 10% |
| Moss – present or absent | Present | Absent |
| Biomass Monitoring Golf Ball Method | | 10.5 Medium biomass |
| Temperature / Wind | 12.7°C WSW 17 kph | 3pm - 26°C WNW 13kph |
| | | |



PPM 101 - 2014 Landscape View



PPM 101 – 2015 Landscape View



PPM 101 – 2014 Close up View



PPM 101 – 2015 Close up View

Species Recorded In 1 m² Plot MAB 101

| 2014 | | 2015 | |
|-----------------------|-------------------------------|-----------------------|--------------------------------|
| Silver Tussock | <i>Poa labillardierei</i> | Silver Tussock | <i>Poa labillardierei</i> |
| Wallaby Grass | <i>Rytidosperma sp.</i> | Wallaby Grass x2 | <i>Rytidosperma spp.</i> |
| Blushing Bind Weed | <i>Convolvulus erubescens</i> | Blushing Bind Weed | <i>Convolvulus erubescens</i> |
| Blue Devil | <i>Eryngium ovinum</i> | Grey Tussock Grass | <i>Poa sieberiana</i> |
| Wood Sorrell | <i>Oxalis perennans</i> | | |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Rye Grass | <i>Lolium multiflorum</i> | *Rye Grass | <i>Lolium multiflorum</i> |
| *Fog Grass | <i>Holcus lanatus</i> | | |
| *Brown Top Bent | <i>Agrostis capillaris</i> | | |
| *Lesser Quaking Grass | <i>Briza minor</i> | | |
| *Onion Grass | <i>Romula rosea</i> | | |
| * Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| | | *Narrow Leaf Clover | <i>Trifolium angustifolium</i> |

In 5 m² Plot MAB 101

| 2014 | | 2015 | |
|------------------------|--------------------------------|-------------------------|--------------------------------|
| Silver Tussock | <i>Poa labillardierii</i> | Silver Tussock | <i>Poa labillardierii</i> |
| Wallaby Grass | <i>Rytidosperma sp.</i> | Wallaby Grass x4 | <i>Rytidosperma spp.</i> |
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Australian Wheat Grass | <i>Elymus scaber</i> | Australian Wheat Grass | <i>Elymus scaber</i> |
| Leafy Blown Grass | <i>Lachnagrostis aemula</i> | Leafy Blown Grass | <i>Lachnagrostis aemula</i> |
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| | | Spear Grass | <i>Austrostipa sp.</i> |
| | | Grey Tussock | <i>Poa siebieriana</i> |
| Blushing Bind Weed | <i>Convolvulus erubescens</i> | Blushing Bind Weed | <i>Convolvulus erubescens</i> |
| Blue Devil | <i>Eryngium ovinum</i> | Blue Devil | <i>Eryngium ovinum</i> |
| Wood Sorrell | <i>Oxalis perennans</i> | | |
| *Brown Top Bent | <i>Agrostis capillaris</i> | *Brown Top Bent | <i>Agrostis capillaris</i> |
| *Rye Grass | <i>Lolium multiflorum</i> | *Rye Grass | <i>Lolium multiflorum</i> |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | *Toowoomba Canary Grass | <i>Phalaris aquatica</i> |
| *Fog Grass | <i>Holcus lanatus</i> | | |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | | |
| | | | |
| *Onion Grass | <i>Romula rosea</i> | | |
| * Flat Weed | <i>Hypochoeris radicata</i> | * Flat Weed | <i>Hypochoeris radicata</i> |
| *Narrow Leaf Clover | <i>Trifolium angustifolium</i> | *Narrow Leaf Clover | <i>Trifolium angustifolium</i> |
| *Clover | <i>Trifolium sp.</i> | | |

MAB PPM 102

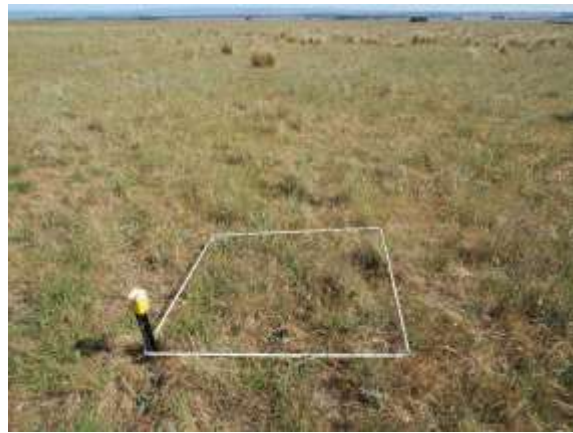
S 38°15.392'

E 143°46.190'

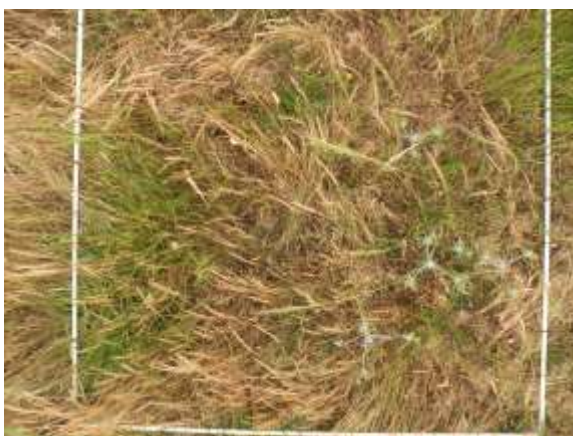
| Date & time | 26.11.2014 10.06 | 16.11.2015 16.30 |
|----------------------------------------|------------------|----------------------|
| Total Vegetation Cover | 80% | 80% |
| Average Height Vegetation | 14 cm | 10.60cm |
| Total Native Vegetation Cover | 40% | 25% |
| Graminoids | 20% | 20% |
| Herbs | 20% | 5% |
| Total Weeds | 40% | 55% |
| Total Grasses | 35% | 50% |
| Grasses – perennial | 20% | 25% |
| Grasses – annual | 15% | 25% |
| Dicots | 5% | 5% |
| Inter-tussock space | 35% | 15% |
| Bare Ground | 15% | 10% |
| Litter | 5% | 10% |
| Moss – present or absent | Absent | Present |
| Biomass Monitoring Golf Ball Method | | 8 Medium Biomass |
| Temperature / Wind | 13.2°C W 17 kph | 3pm - 26°C WNW 13kph |
| | | |



PPM 102 - 2014 Landscape View



PPM 102 – 2015 Landscape View



PPM 102 – 2014 Close up View



PPM 102 – 2015 Close up View

Species Recorded In 1 m² Plot MAB 102

| 2014 | | 2015 | |
|------------------------|-------------------------------|------------------------|-------------------------------|
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Australian Wheat Grass | <i>Elymus scaber</i> | Australian Wheat Grass | <i>Elymus scaber</i> |
| Wallaby Grass | <i>Rytidosperma sp</i> | Wallaby Grass x3 | <i>Rytidosperma spp</i> |
| Blushing Bind Weed | <i>Convolvulus erubescens</i> | Blushing Bind Weed | <i>Convolvulus erubescens</i> |
| Blue Devil | <i>Eryngium ovinum</i> | Blue Devil | <i>Eryngium ovinum</i> |
| Wood-sorrel | <i>Oxalis perennans</i> | Wood-sorrel | <i>Oxalis perennans</i> |
| *Brown Top bent | <i>Agrostis capillaris</i> | *Brown Top bent | <i>Agrostis capillaris</i> |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | *Rye Grass | <i>Lolium multiflorum</i> |
| | | *Fog Grass | <i>Holcus lanatus</i> |
| | | * Soft Brome | <i>Bromus hordeaceus</i> |
| *Onion Grass | <i>Romula rosea</i> | | |
| *Flat weed | <i>Hypochoeris radicata</i> | *Flat weed | <i>Hypochoeris radicata</i> |
| | | | |

In 5 m² Plot MAB 102

| 2014 | | 2015 | |
|------------------------|--------------------------------|------------------------|-------------------------------|
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| Australian Wheat Grass | <i>Elymus scaber</i> | Australian Wheat Grass | <i>Elymus scaber</i> |
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Wallaby Grass | <i>Rytidosperma sp</i> | Wallaby Grass x3 | <i>Rytidosperma spp</i> |
| Spear Grass | <i>Austrostipa sp</i> | Spear Grass | <i>Austrostipa sp</i> |
| | | Silver Tussock | <i>Poa labillardierei</i> |
| Blushing Bind Weed | <i>Convolvulus erubescens</i> | Blushing Bind Weed | <i>Convolvulus erubescens</i> |
| Wood-sorrel | <i>Oxalis perennans</i> | Wood-sorrel | <i>Oxalis perennans</i> |
| Blue Devil | <i>Eryngium ovinum</i> | Blue Devil | <i>Eryngium ovinum</i> |
| Wiry Dock | <i>Rumex dumosus</i> | | |
| *Brown Top bent | <i>Agrostis capillaris</i> | *Brown Top bent | <i>Agrostis capillaris</i> |
| *Fog Grass | <i>Holcus lanatus</i> | *Fog Grass | <i>Holcus lanatus</i> |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Rye Grass | <i>Lolium multiflorum</i> | *Rye Grass | <i>Lolium multiflorum</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | *Soft Brome | <i>Bromus hordeaceus</i> |
| *Onion Grass | <i>Romula rosea</i> | | |
| *Flat weed | <i>Hypochoeris radicata</i> | *Flat weed | <i>Hypochoeris radicata</i> |
| *Narrow Leafed Clover | <i>Trifolium augustifolium</i> | | |
| | | | |

MAB PPM 103

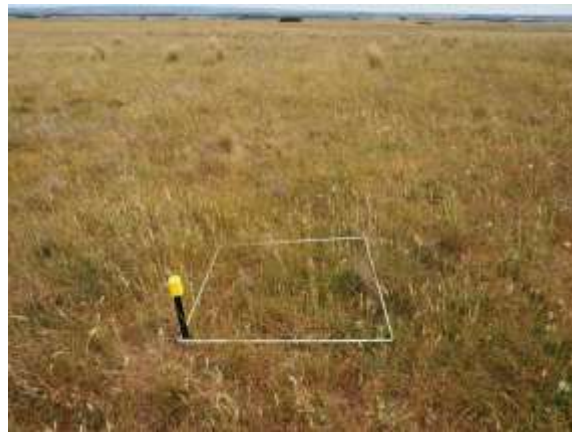
S 38°15.380'

E 143°46.056'

| | | |
|----------------------------------------|-------------------|-----------------------|
| Date & time | 26.11.2014 10.52 | 18.11.2015 15.35 |
| Total Vegetation Cover | 80% | 70 |
| Average Height Vegetation | 13.4 cm | 11.6 cm |
| Total Native Vegetation Cover | 35% | 30% |
| Graminoids | 20% | 25% |
| Herbs | 15% | 5% |
| Total Weeds | 45% | 40% |
| Total Grasses | 35% | 35% |
| Grasses – perennial | 10% | 20% |
| Grasses – annual | 25% | 15% |
| Dicots | 10% | 5% |
| Inter-tussock space | 25% | 10% |
| Bare Ground | 10% | 5% |
| Litter | 10% | 25% |
| Moss – present or absent | Present | Present |
| Biomass Monitoring Golf Ball Method | | 9.5 Medium Biomass |
| Temperature / Wind | 15.3°C WSW 22 kph | 3pm 25°C NNW 6kph |
| | | |



PPM 103 - 2014 Landscape View



PPM 103 – 2015 Landscape View



PPM 103 – 2014 Close up View



PPM 103 – 2015 Close up View

Species Recorded In 1 m² Plot MAB 103

| 2014 | | 2015 | |
|------------------------|-------------------------------|------------------------|-------------------------------|
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Australian Wheat Grass | <i>Elymus scaber</i> | Australian Wheat Grass | <i>Elymus scaber</i> |
| Spear Grass | <i>Austrostipa sp.</i> | Spear Grass | <i>Austrostipa sp.</i> |
| | | Wallaby Grass x2 | <i>Rytidosperma spp.</i> |
| Blushing Bind Weed | <i>Convolvulus erubescens</i> | Blushing Bind Weed | <i>Convolvulus erubescens</i> |
| Small Mat Rush | <i>Lomandra nana</i> | | |
| *Brown Top Bent | <i>Agrostis capillaris</i> | *Brown Top Bent | <i>Agrostis capillaris</i> |
| *Rye Grass | <i>Lolium multiflorum</i> | *Rye Grass | <i>Lolium multiflorum</i> |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Fog Grass | <i>Holcus lanantus</i> | *Fog Grass | <i>Holcus lanantus</i> |
| * Lesser Quaking Grass | <i>Briza minor</i> | *Soft brome | <i>Bromus hordeaceus</i> |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | | |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| *Onion Grass | <i>Romula rosea</i> | | |
| | | | |

In 5 m² Plot MAB 103

| 2014 | | 2015 | |
|------------------------|-------------------------------|------------------------|-------------------------------|
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Australian Wheat Grass | <i>Elymus scaber</i> | Australian Wheat Grass | <i>Elymus scaber</i> |
| Spear Grass | <i>Austrostipa sp.</i> | Spear Grass | <i>Austrostipa sp.</i> |
| Wallaby Grass | <i>Rytidospermum sp.</i> | Wallaby Grass x2 | <i>Rytidosperma spp.</i> |
| | | Blushing Bind Weed | <i>Convolvulus erubescens</i> |
| | | Kangaroo Grass | <i>Themeda triandra</i> |
| | | Poa Tussock | <i>Pos labillardierei</i> |
| Blushing Bind Weed | <i>Convolvulus erubescens</i> | Blue Devil | <i>Eryngium ovinum</i> |
| Small Mat Rush | <i>Lomandra nana</i> | | |
| *Brown Top Bent | <i>Agrostis capillaris</i> | *Brown Top Bent | <i>Agrostis capillaris</i> |
| *Rye Grass | <i>Lolium multiflorum</i> | *Rye Grass | <i>Lolium multiflorum</i> |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| * Lesser Quaking Grass | <i>Briza minor</i> | * Lesser Quaking Grass | <i>Briza minor</i> |
| *Fog Grass | <i>Holcus lanantus</i> | *Fog Grass | <i>Holcus lanantus</i> |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | *Soft brome | <i>Bromus hordeaceus</i> |
| *Onion Grass | <i>Romula rosea</i> | | |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| | | *Thistle | <i>Cirsium vulgare</i> |
| | | | |

MAB PPM 104

S 38°15.425'

E 143°46.102'

| Date & time | 26.11.2014 11.21 | 18.11.2015 16.02 |
|----------------------------------------|-------------------|-----------------------|
| Total Vegetation Cover | 75% | 85% |
| Average Height Vegetation | 13.8 cm | 10.4cm |
| Total Native Vegetation Cover | 50% | 30% |
| Graminoids | 30% | 25% |
| Herbs | 20% | 5% |
| Total Weeds | 25% | 55% |
| Total Grasses | 10% | 30% |
| Grasses – perennial | 5% | 5% |
| Grasses – annual | 5% | 25% |
| Dicots | 15% | 25% |
| Inter-tussock space | 45% | 10% |
| Bare Ground | 25% | 5% |
| Litter | 0% | 10% |
| Moss – present or absent | Present | Present |
| Biomass Monitoring Golf Ball Method | | 9.5 Medium Biomass |
| | | |
| Temperature / Wind | 15.4°C WSW 24 kph | 3pm 25°C NNW 6 kph |



PPM 104 - 2014 Landscape View



PPM 104 – 2015 Landscape View (taken Jan 2015)



PPM 104 – 2014 Close up View



PPM 104 – 2015 Close up View

Species Recorded In 1 m² Plot MAB 104

| 2014 | | 2015 | |
|------------------------|--------------------------------|------------------------|--------------------------------|
| Australian Wheat Grass | <i>Elymus scaber</i> | Australian Wheat Grass | <i>Elymus scaber</i> |
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| Wallaby Grass | <i>Rytidospermum sp</i> | | |
| Chocolate Lily | <i>Arthropodium strictum</i> | Chocolate Lily | <i>Arthropodium strictum</i> |
| Common Woodruff | <i>Asperula conferta</i> | Common Woodruff | <i>Asperula conferta</i> |
| Wood Sorrell | <i>Oxalis perennans</i> | | |
| Varied Raspwort | <i>Haloragis heterophylla</i> | | |
| Solenogyne | <i>Solenogyne dominii</i> | | |
| * Brown Top Bent | <i>Agrostis capillaris</i> | * Brown Top Bent | <i>Agrostis capillaris</i> |
| * Lesser Quaking Grass | <i>Briza minor</i> | *Wild Oats | <i>Avena barbata</i> |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | *Delicate Hair Grass | <i>Aira elegantissima</i> |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Soft Brome | <i>Bromus hordeaceus</i> | *Soft Brome | <i>Bromus hordeaceus</i> |
| *Hare's Tail Grass | <i>Lagurus ovatus</i> | *Hare's Tail Grass | <i>Lagurus ovatus</i> |
| | | *Onion Grass | <i>Romula rosea</i> |
| *Clover | <i>Trifolium sp.</i> | *Clover | <i>Trifolium sp.</i> |
| *Narrow Leafed Clover | <i>Trifolium augustifolium</i> | *Narrow Leafed Clover | <i>Trifolium augustifolium</i> |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |

In 5 m² Plot MAB 104

| 2014 | | 2015 | |
|------------------------|--------------------------------|------------------------|--------------------------------|
| Australian Wheat Grass | <i>Elymus scaber</i> | Australian Wheat Grass | <i>Elymus scaber</i> |
| Wallaby Grass | <i>Rytidospermum sp</i> | Wallaby Grass | <i>Rytidospermum sp</i> |
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| Silver Tussock | <i>Poa labillardierii</i> | Silver Tussock | <i>Poa labillardierii</i> |
| Chocolate Lily | <i>Arthropodium strictum</i> | Chocolate Lily | <i>Arthropodium strictum</i> |
| | | Onion Orchid | <i>Microtis unifolia</i> |
| Common Woodruff | <i>Asperula conferta</i> | Common Woodruff | <i>Asperula conferta</i> |
| Blue Devil | <i>Eryngium ovinum</i> | Blue Devil | <i>Eryngium ovinum</i> |
| Wood Sorrell | <i>Oxalis perennans</i> | | |
| Varied Raspwort | <i>Haloragis heterophylla</i> | | |
| Sheep's Burr | <i>Acaena echinata</i> | | |
| Solenogyne | <i>Solenogyne dominii</i> | | |
| * Brown Top Bent | <i>Agrostis capillaris</i> | * Brown Top Bent | <i>Agrostis capillaris</i> |
| * Lesser Quaking Grass | <i>Briza minor</i> | *Wild Oats | <i>Avena barbata</i> |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | *Delicate Hair Grass | <i>Aira elegantissima</i> |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Soft Brome | <i>Bromus hordeaceus</i> | *Soft Brome | <i>Bromus hordeaceus</i> |
| *Hare's Tail Grass | <i>Lagurus ovatus</i> | *Hare's Tail Grass | <i>Lagurus ovatus</i> |
| *Fog Grass | <i>Holcus lanatus</i> | *Fog Grass | <i>Holcus lanatus</i> |
| *Wild Oats | <i>Avena barbata</i> | *Onion Grass | <i>Romula rosea</i> |
| *Narrow Leafed Clover | <i>Trifolium augustifolium</i> | *Narrow Leafed Clover | <i>Trifolium augustifolium</i> |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| *Clover | <i>Trifolium sp.</i> | *Clover | <i>Trifolium sp.</i> |
| *Slender Century | <i>Centaurium tenuiflorum</i> | *Spear Thistle | <i>Cirsium vulgare</i> |

MAB PPM 105

S 38°15.579'

E 143°46.306'

| Date & time | 27.11.2014 09.10 | 16.11.2015 09.14 |
|----------------------------------------|------------------|-----------------------|
| Total Vegetation Cover | 90% | 80% |
| Average Height Vegetation | 13 cm | 7.6 cm |
| Total Native Vegetation Cover | 45% | 35% |
| Graminoids | 40% | 30% |
| Herbs | 5% | 5% |
| Total Weeds | 45% | 45% |
| Total Grasses | 40% | 35% |
| Grasses – perennial | 5% | 5% |
| Grasses – annual | 35% | 30% |
| Dicots | 5% | 10% |
| Inter-tussock space | 15% | 15% |
| Bare Ground | 10% | 10% |
| Litter | 0% | 10% |
| Moss – present or absent | Present | Present |
| Biomass Monitoring Golf Ball Method | | 10 Medium Biomass |
| Temperature / Wind | 11.6°C S 19 kph | 9am - 15°C.4 E 19 kph |
| | | |



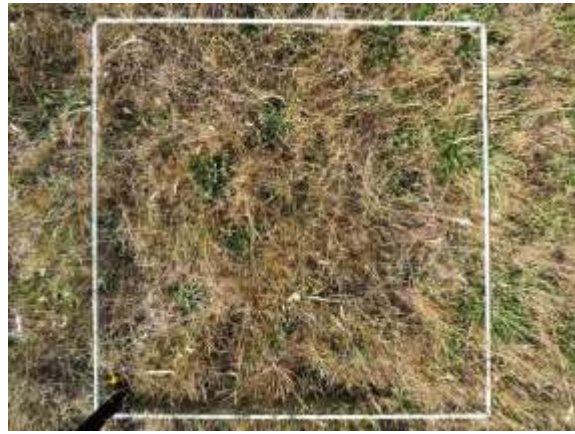
PPM 105 - 2014 Landscape View



PPM 105 – 2015 Landscape View



PPM 105 – 2014 Close up View



PPM 105 – 2015 Close up View

Species Recorded In 1 m² Plot MAB 105

| 2014 | | 2015 | |
|-----------------------|--------------------------------|-----------------------|--------------------------------|
| Wallaby Grass x 2 | <i>Rytidosperma spp.</i> | Wallaby Grass x 2 | <i>Rytidosperma spp.</i> |
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| Blushing Bind Weed | <i>Convolvulus erubescens</i> | Blushing Bind Weed | <i>Convolvulus erubescens</i> |
| Wood Sorrell | <i>Oxalis perennans</i> | | |
| *Brown Top Bent | <i>Agrostis capillaris</i> | *Brown Top Bent | <i>Agrostis capillaris</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | *Rye Grass | <i>Lolium multiflorum</i> |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Hare's Tail Grass | <i>Lagurus ovatus</i> | *Delicate Hair Grass | <i>Aira elegantissima</i> |
| *Onion Grass | <i>Romula rosea</i> | *Onion Grass | <i>Romula rosea</i> |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| *Narrow Leaf Clover | <i>Trifolium augustifolium</i> | *Narrow Leaf Clover | <i>Trifolium augustifolium</i> |
| *Clover | <i>Trifolium sp.</i> | | |
| | | | |

In 5 m² Plot MAB 105

| 2014 | | 2015 | |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| Wallaby Grass x 3 | <i>Rytidosperma spp.</i> | Wallaby Grass x 3 | <i>Rytidosperma spp.</i> |
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| Australian Wheat Grass | <i>Elymus scaber</i> | | |
| Blushing Bind Weed | <i>Convolvulus erubescens</i> | Blushing Bind Weed | <i>Convolvulus erubescens</i> |
| Blue Devil | <i>Eryngium ovinum</i> | Blue Devil | <i>Eryngium ovinum</i> |
| Wood Sorrell | <i>Oxalis perennans</i> | | |
| *Brown Top Bent | <i>Agrostis capillaris</i> | *Brown Top Bent | <i>Agrostis capillaris</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | *Lesser Quaking Grass | <i>Briza minor</i> |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Hare's Tail Grass | <i>Lagurus ovatus</i> | | |
| *Onion Grass | <i>Romula rosea</i> | *Onion Grass | <i>Romula rosea</i> |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| *Narrow Leaf Clover | <i>Trifolium augustifolium</i> | *Narrow Leaf Clover | <i>Trifolium augustifolium</i> |
| *Clover | <i>Trifolium sp.</i> | | |
| | | | |

MAB PPM 106

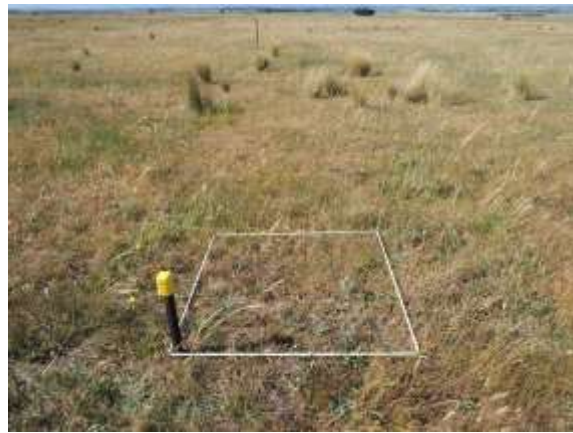
S 38°15.578'

E 143°46.208'

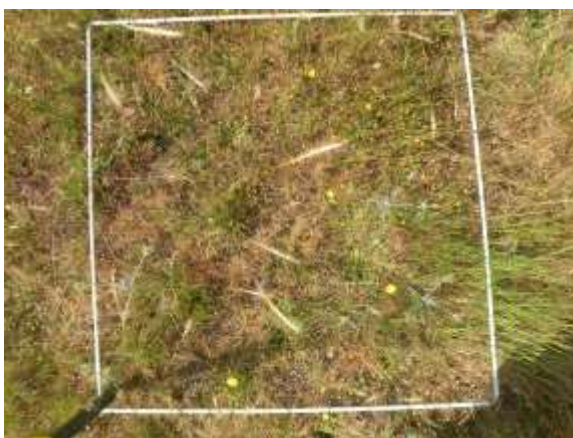
| | | |
|----------------------------------------|-------------------|-----------------------|
| Date & time | 27.11.2014 09.37 | 16.11.2015 09.38 |
| Total Vegetation Cover | 70% | 70% |
| Average Height Vegetation | 9.8 cm | 5 cm |
| Total Native Vegetation Cover | 45% | 40% |
| Graminoids | 20% | 10% |
| Herbs | 25% | 30% |
| Total Weeds | 25% | 30% |
| Total Grasses | 20% | 25% |
| Grasses – perennial | 15% | 0% |
| Grasses – annual | 5% | 25% |
| Dicots | 5% | 5% |
| Inter-tussock space | 55% | 40% |
| Bare Ground | 30% | 20% |
| Litter | 0% | 10% |
| Moss – present or absent | Present | Present |
| Biomass Monitoring Golf Ball Method | | 16 Low Biomass |
| Temperature / Wind | 13.5°C ESE 15 kph | 9am - 15°C.4 E 19 kph |
| | | |



PPM 106 - 2014 Landscape View



PPM 106 – 2015 Landscape View



PPM 106 – 2014 Close up View



PPM 106 – 2015 Close up View

Species Recorded In 1 m² Plot MAB 106

| 2014 | | 2015 | |
|-----------------------|--------------------------------|-----------------------|--------------------------------|
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Wallaby Grass | <i>Rytidosperma sp.</i> | Wallaby Grass x2 | <i>Rytidosperma spp.</i> |
| Leafy Blown Grass | <i>Lachnagrostis aemula</i> | Leafy Blown Grass | <i>Lachnagrostis aemula</i> |
| Scaly Buttons | <i>Leptorhynchos squamatus</i> | Scaly Buttons | <i>Leptorhynchos squamatus</i> |
| Blue Devil | <i>Eryngium ovinum</i> | Blue Devil | <i>Eryngium ovinum</i> |
| | | Varied Raspwort | <i>Haloragis heterophylla</i> |
| *Hare's Tail Grass | <i>Lagurus ovatus</i> | *Hare's Tail Grass | <i>Lagurus ovatus</i> |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Brown Top Bent | <i>Agrostis capillaris</i> | | |
| *Lesser Quaking Grass | <i>Briza minor</i> | | |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | | |
| *Onion Grass | <i>Romula rosea</i> | | |
| *Clover | <i>Trifolium sp.</i> | | |
| *Narrow Leaf Clover | <i>Trifolium augustifolium</i> | *Narrow Leaf Clover | <i>Trifolium augustifolium</i> |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| *Dodder | <i>Cuscuta sp.</i> | *Dodder | <i>Cuscuta sp.</i> |
| | | | |

In 5 m² Plot MAB 106

| 2014 | | 2015 | |
|---------------------------------|--------------------------------|---------------------------------|--------------------------------|
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Wallaby Grass x3 | <i>Rytidosperma spp.</i> | Wallaby Grass x3 | <i>Rytidosperma spp.</i> |
| Leafy Blown Grass | <i>Lachnagrostis aemula</i> | Leafy Blown Grass | <i>Lachnagrostis aemula</i> |
| Tussock Grass | <i>Poa labillardierei</i> | Tussock Grass | <i>Poa labillardierei</i> |
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| Scaly Buttons | <i>Leptorhynchos squamatus</i> | Scaly Buttons | <i>Leptorhynchos squamatus</i> |
| Blue Devil | <i>Eryngium ovinum</i> | Blue Devil | <i>Eryngium ovinum</i> |
| Lemon Beauty Heads x 10 m to SE | <i>Calocephalus citreus</i> | Lemon Beauty Heads x 10 m to SE | <i>Calocephalus citreus</i> |
| | | Varied Raspwort | <i>Haloragis heterophylla</i> |
| *Brown Top Bent | <i>Agrostis cacpilaris</i> | *Brown Top Bent | <i>Agrostis cacpilaris</i> |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Fog Grass | <i>Holcus lanatus</i> | *Fog Grass | <i>Holcus lanatus</i> |
| *Hare's Tail Grass | <i>Lagurus ovatus</i> | *Hare's Tail Grass | <i>Lagurus ovatus</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | | |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | | |
| *Onion Grass | <i>Romula rosea</i> | | |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| *Narrow Leaf Clover | <i>Trifolium augustifolium</i> | *Narrow Leaf Clover | <i>Trifolium augustifolium</i> |
| *Dodder | <i>Cuscuta sp.</i> | *Dodder | <i>Cuscuta sp.</i> |
| *Clover | <i>Trifolium sp</i> | | |
| | | | |

MAB PPM 107

S 38°15.553'

E 143°46.035' (repositioned)

| Date & time | 23.10.2014 15.15 | 18.11.2015 15.03 |
|----------------------------------------|------------------|------------------------------|
| Total Vegetation Cover | 80% | 75% |
| Average Height Vegetation | 12cm | 8.6 cm |
| Total Native Vegetation Cover | 40% | 40% |
| Graminoids | 30% | 35% |
| Herbs | 10% | 5% |
| Total Weeds | 40% | 35% |
| Total Grasses | 35% | 20% |
| Grasses – perennial | 20% | 15% |
| Grasses – annual | 15% | 5% |
| Dicots | 5% | 15% |
| Inter-tussock space | 25% | 10% |
| Bare Ground | 15% | 5% |
| Litter | 5% | 20% |
| Moss – present or absent | Present | Present |
| Biomass Monitoring Golf Ball Method | | 11.5 Medium – Low Biomass |
| Temperature / Wind | 15°C ESE 30 kph | 3pm – 25°C NNW 6kph |
| | | |



PPM 107 - 2014 Landscape View



PPM 107 – 2015 Landscape View



PPM 107 – 2014 Close up View



PPM 107 – 2015 Close up View

Species Recorded In 1 m² Plot MAB 107

| 2014 | | 2015 | |
|-----------------------|--------------------------------|------------------------|-------------------------------|
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| Wallaby Grass x2sp | <i>Rytidosperma spp.</i> | Wallaby Grassx2sp | <i>Rytidosperma spp.</i> |
| Plume Grass | <i>Dichelachne crinita</i> | Spear Grass | <i>Austrostipa sp.</i> |
| Poa sp – v small | <i>Poa sp.</i> | Leafy Blown Grass | <i>Lachnagrostis aemula</i> |
| | | Australian Wheat Grass | <i>Elymus scaber</i> |
| Blushing Bindweed | <i>Convolvulus erubescens</i> | Blushing Bindweed | <i>Convolvulus erubescens</i> |
| Dwarf Mat Rush | <i>Lomandra nana</i> | Dwarf Mat Rush | <i>Lomandra nana</i> |
| Common Bog Sedge | <i>Schoenus apogon</i> | Blue Devil | <i>Eryngium ovinum</i> |
| Scaly Buttons | <i>Leptorhynchos squamatus</i> | Varied Raspwort | <i>Haloragis heterophylla</i> |
| Sheep's Burr | <i>Acaena echinata</i> | | |
| Wood Sorrel | <i>Oxalis perennans</i> | | |
| *Brown Top Bent | <i>Agrostis capillaris</i> | *Brown Top Bent | <i>Agrostis capillaris</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | *Lesser Quaking Grass | <i>Briza minor</i> |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | *Hare's Tail Grass | <i>Lagurus ovatus</i> |
| *Onion Grass | <i>Romula rosea</i> | | |
| | | *Ribwort | <i>Plantago lanceolata</i> |
| | | *Flat Weed | <i>Hypochoeris radicata</i> |
| | | | |

In 5 m² Plot MAB 107

| 2014 | | 2015 | |
|-----------------------|--------------------------------|------------------------|-------------------------------|
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| Wallaby Grass x2sp | <i>Rytidosperma spp.</i> | Wallaby Grassx3sp | <i>Rytidosperma spp.</i> |
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Silver Tussock | <i>Poa labillardierii</i> | Silver Tussock | <i>Poa labillardierei</i> |
| Poa sp – v small | <i>Poa sp.</i> | Leafy Blown Grass | <i>Lachnagrostis aemula</i> |
| | | Spear Grass | <i>Austrostipa sp.</i> |
| | | Australian Wheat Grass | <i>Elymus scaber</i> |
| Chocolate Lily | <i>Arthropodium strictum</i> | | |
| Dwarf Mat Rush | <i>Lomandra nana</i> | Dwarf Mat Rush | <i>Lomandra nana</i> |
| Blushing Bindweed | <i>Convolvulus erubescens</i> | Blushing Bindweed | <i>Convolvulus erubescens</i> |
| Blue Devil | <i>Eryngium ovinum</i> | Blue Devil | <i>Eryngium ovinum</i> |
| Common Bog Sedge | <i>Schoenus apogon</i> | Varied Raspwort | <i>Haloragis heterophylla</i> |
| Wood Sorrel | <i>Oxalis perennans</i> | | |
| Sheep's Burr | <i>Acaena echinata</i> | | |
| Common Woodruff | <i>Asperula conferta</i> | | |
| Scaly Buttons | <i>Leptorhynchos squamatus</i> | | |
| *Brown Top Bent | <i>Agrostis capillaris</i> | *Brown Top Bent | <i>Agrostis capillaris</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | *Lesser Quaking Grass | <i>Briza minor</i> |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | *Hare's Tail Grass | <i>Lagurus ovatus</i> |
| *Onion Grass | <i>Romula rosea</i> | | |
| | | *Ribwort | <i>Plantago lanceolata</i> |
| | | *Flat Weed | <i>Hypochoeris radicata</i> |
| | | | |

MAB PPM 108

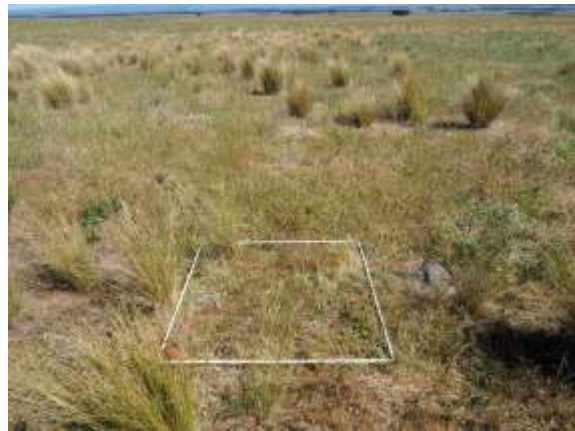
S 38°15.458'

E 143°46.308' (repositioned)

| Date & time | 18.10.14 10.10 | 16.11.15 15.42 |
|----------------------------------------|----------------|------------------------------|
| Total Vegetation Cover | 80% | 90% |
| Average Height Vegetation | 16.4cm | 7cm |
| Total Native Vegetation Cover | 30% | 10% |
| Graminoids | 20% | 5% |
| Herbs | 10% | 5% |
| Total Weeds | 50% | 80% |
| Total Grasses | 40% | 70% |
| Grasses – perennial | 10% | 0% |
| Grasses – annual | 30% | 70% |
| Dicots | 10% | 10% |
| Inter-tussock space | 30% | 10% |
| Bare Ground | 20% | 5% |
| Litter | 0% | 5% |
| Moss – present or absent | Absent | Present |
| Biomass Monitoring Golf Ball Method | | 11.5 Medium - Low Biomass |
| Temperature / Wind | 14°C NNW 7kph | 3pm – 26°C WNW 13kph |



PPM 108 - 2014 Landscape View



PPM 108 – 2015 Landscape View



PPM 108 – 2014 Close up View



PPM 108 – 2015 Close up View

Species Recorded In 1 m² Plot MAB 108

| 2014 | | 2015 | |
|-------------------------|---------------------------|-----------------------|--------------------------------|
| Common Tussock | <i>Poa labillardierei</i> | Common Tussock | <i>Poa labillardierei</i> |
| | | Weeping Grass | <i>Microlaena stipoides</i> |
| Sheep's Burr | <i>Acaena echinata</i> | Sheep's Burr | <i>Acaena echinata</i> |
| Wood Sorrel | <i>Oxalis perennans</i> | Blue Devil | <i>Eryngium ovinum</i> |
| *Wild oats | <i>Avena barbata</i> | *Wild oats | <i>Avena barbata</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | *Squirrel-tail Fescue | <i>Vulpia bromoides</i> |
| *Toowoomba Canary Grass | <i>Phalaris aquatica</i> | *Fog Grass | <i>Holcus lanatus</i> |
| | | *Rye Grass | <i>Lolium multiflorum</i> |
| *Onion Grass | <i>Romula rosea</i> | | |
| *Spear Thistle | <i>Cirsium vulgare</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| *Clover | <i>Trifolium sp.</i> | *Narrow Leafed Clover | <i>Trifolium angustifolium</i> |
| | | | |

In 5 m² Plot MAB 108

| 2014 | | 2015 | |
|-------------------------|-----------------------------|------------------------|--------------------------------|
| Common Tussock | <i>Poa labillardierei</i> | Common Tussock | <i>Poa labillardierei</i> |
| | | Australian Wheat Grass | <i>Elymus scaber</i> |
| Sheep's Burr | <i>Acaena echinata</i> | Sheep's Burr | <i>Acaena echinata</i> |
| Dwarf Mat Rush | <i>Lomandra nana</i> | Weeping Grass | <i>Microlaena stipoides</i> |
| Wood Sorrel | <i>Oxalis perennans</i> | Blue Devil | <i>Eryngium ovinum</i> |
| *Wild oats | <i>Avena barbata</i> | *Wild oats | <i>Avena barbata</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | *Squirrel-tail Fescue | <i>Vulpia bromoides</i> |
| *Toowoomba Canary Grass | <i>Phalaris aquatica</i> | *Fog Grass | <i>Holcus lanatus</i> |
| | | *Rye Grass | <i>Lolium multiflorum</i> |
| *Onion Grass | <i>Romula rosea</i> | | |
| * Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| *Clover | <i>Trifolium sp.</i> | *Narrow Leafed Clover | <i>Trifolium angustifolium</i> |
| * Cape Weed | <i>Arctotheca calendula</i> | | |
| *Spear Thistle | <i>Cirsium vulgare</i> | | |
| | | | |

MAB PPM 109

S 38°15.491'

E 143°46.328'

| Date & time | 07.12.2013 10.15 | 18.10.2014 11.10 | 16.11.2015 12.26 |
|--------------------------------------|------------------|------------------|-------------------------|
| Total Vegetation Cover | 95% | 94% | 75% |
| Average Height Vegetation | 20.5 | 13.2cm | 9.4cm |
| Total Native Vegetation Cover | 40% | 5% | 30% |
| Graminoids | 35% | 4% | 30% |
| Herbs | 5% | 1% | 0% |
| Total Weeds | 55% | 89% | 45% |
| Total Grasses | 50% | 85% | 40% |
| Grasses – perennial | 45% | 45% | 30% |
| Grasses – annual | 5% | 40% | 10% |
| Dicots | 5% | 4% | 5% |
| Inter-tussock space | 10% | 2% | 0% |
| Bare Ground | 5% | 1% | 0% |
| Litter | 0% | 5% | 25% |
| Moss – present or absent | Present | Absent | Absent |
| Biomass Monitoring Golf Ball Method | | | 7 - High-Medium Biomass |
| Temperature / Wind | 15°C N 6kph | 19°C N 15kph | 3pm - 26°C WNW 13kph |
| | | | |



PPM 109 – 2013 Landscape View



PPM 109 – 2015 Landscape View



PPM 109 – 2013 Close up View



PPM 109 – 2015 Close up View

Species Recorded In 1 m² Plot MAB 109

Black type denotes present both years, green type present in 2013 and blue type 2014 only.

| 2013 & 2014* | | 2015 | |
|-----------------------|-----------------------------|------------------------|-----------------------------|
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| Wallaby Grass | <i>Rytidosperma sp.</i> | Australian Wheat Grass | <i>Elymus scaber</i> |
| Plume Grass | <i>Dichelachne crinita</i> | | |
| Solenogyne | <i>Solenogyne dominii</i> | | |
| *Brown Top Bent | <i>Agrostis capillaris</i> | *Brown Top Bent | <i>Agrostis capillaris</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Hare's Tail Grass | <i>Lagurus ovatus</i> | | |
| *Onion Grass | <i>Romula rosea</i> | | |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| *Clover | <i>Trifolium sp</i> | | |
| | | | |

In 5 m² Plot MAB 109

| 2013 & 2014* | | 2015 | |
|-------------------------|--------------------------------|------------------------|-------------------------------|
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| Wallaby Grass x2 | <i>Rytidosperma spp.</i> | Wallaby Grass x3 | <i>Rytidosperma spp.</i> |
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Spear Grass | <i>Austrostipa sp</i> | Spear Grass | <i>Austrostipa sp</i> |
| Silver Tussock | <i>Poa labillardierei</i> | Australian Wheat Grass | <i>Elymus scaber</i> |
| Blue Devil | <i>Eryngium ovinum</i> | Blue Devil | <i>Eryngium ovinum</i> |
| Solenogyne | <i>Solenogyne dominii</i> | | |
| Blushing Bind weed | <i>Convolvulus erubescens</i> | Blushing Bind weed | <i>Convolvulus erubescens</i> |
| *Brown Top Bent | <i>Agrostis capillaris</i> | *Brown Top Bent | <i>Agrostis capillaris</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Hare's Tail Grass | <i>Lagurus ovatus</i> | | |
| *Fog Grass | <i>Holcus lanatus</i> | | |
| *Rye Grass | <i>Lolium multiflorum</i> | | |
| *Onion Grass | <i>Romula rosea</i> | | |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| *Narrow Leaf Clover | <i>Trifolium augustifolium</i> | | |
| *Clover | <i>Trifolium sp</i> | | |
| | | | |

MAB PPM 110

S 38°15.487'

E 143°46.274'

| Date & time | 07.12.13 10.34 | 18.10.2014 11.10 | 16.11.15 12.03 |
|--------------------------------------|----------------|------------------|---------------------------------|
| Total Vegetation Cover | 93% | 60% | 55% |
| Average Height Vegetation | 10.34cm | 8.66cm | 7.4cm |
| Total Native Vegetation Cover | 83% | 50% | 50% |
| Graminoids | 53% | 10% | 25% |
| Herbs | 30% | 40% | 25% |
| Total Weeds | 10% | 10% | 5% |
| Total Grasses | 5% | 2% | 3% |
| Grasses – perennial | 5% | 0% | 0% |
| Grasses – annual | 0% | 2% | 3% |
| Dicots | 5% | 8% | 2% |
| Inter-tussock space | 35% | 80% | 65% |
| Bare Ground | 5% | 40% | 40% |
| Litter | 2% | % | 5% |
| Moss – present or absent | Absent | Absent | Absent |
| Biomass Monitoring Golf Ball Method | | | 13.5 Medium – Low Biomass |
| Temperature / Wind | 17°C N 10kph | 18°C NNW 12kph | 3pm 26°C WNW 13kph |
| | | | |



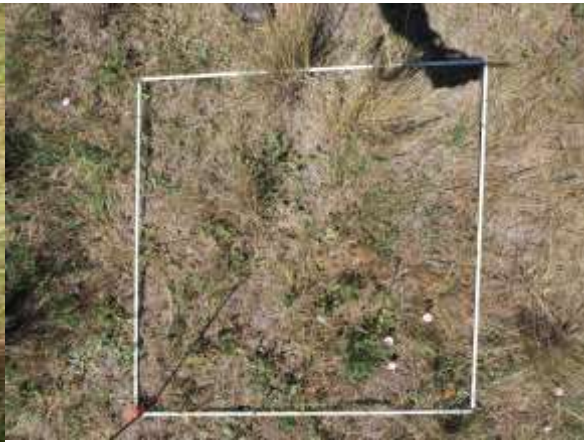
PPM 110 – 2013 Landscape View



PPM 110 – 2015 Landscape View



PPM 110 – 2013 Close up View



PPM 110 – 2015 Close up View

Species Recorded In 1 m² Plot MAB 110

Black type denotes present both years, green type present in 2013 and blue type 2014 only.

| 2013 & 2014 | | 2015 | |
|-------------------------|-------------------------------|-----------------------|-------------------------------|
| Wallaby Grass | <i>Rytidosperma sp.</i> | Wallaby Grassx2 | <i>Rytidosperma spp.</i> |
| Silver Tussock | <i>Poa labillardierei</i> | Silver Tussock | <i>Poa labillardierei</i> |
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Onion Orchid | <i>Microtis unifolia</i> | | |
| Blushing Bind Weed | <i>Convolvulus erubescens</i> | Blushing Bind Weed | <i>Convolvulus erubescens</i> |
| Sheep's Burr | <i>Acaena echinata</i> | Sheep's Burr | <i>Acaena echinata</i> |
| Blue Devil | <i>Eryngium ovinum</i> | Blue Devil | <i>Eryngium ovinum</i> |
| Kidney Weed | <i>Dichondra repens</i> | Kidney Weed | <i>Dichondra repens</i> |
| Woodruff | <i>Asperula conferta</i> | Woodruff | <i>Asperula conferta</i> |
| Grassland Wood Sorrel | <i>Oxalis perennans</i> | | |
| Common Bog Sedge | <i>Schoenus apogon</i> | | |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | | |
| *Sweet Vernel Grass | <i>Anthoxanthum odoratum</i> | | |
| *Toowoomba Canary Grass | <i>Phalaris aquatica</i> | | |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | | |
| *Onion Grass | <i>Romula rosea</i> | | |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| | | | |

In 5 m² Plot MAB 110

| 2014 | | 2015 | |
|-------------------------|-------------------------------|-----------------------|-------------------------------|
| Wallaby Grass | <i>Rytidosperma sp.</i> | Wallaby Grassx2 | <i>Rytidosperma spp.</i> |
| Silver Tussock | <i>Poa labillardierei</i> | Silver Tussock | <i>Poa labillardierei</i> |
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Spear Grass | <i>Ausrostipa sp</i> | | |
| Onion Orchid | <i>Microtis unifolia</i> | | |
| Blushing Bind Weed | <i>Convolvulus erubescens</i> | Blushing Bind Weed | <i>Convolvulus erubescens</i> |
| Sheep's Burr | <i>Acaena echinata</i> | Sheep's Burr | <i>Acaena echinata</i> |
| Blue Devil | <i>Eryngium ovinum</i> | Blue Devil | <i>Eryngium ovinum</i> |
| Kidney Weed | <i>Dichondra repens</i> | Kidney Weed | <i>Dichondra repens</i> |
| Woodruff | <i>Asperula conferta</i> | Woodruff | <i>Asperula conferta</i> |
| Slender Speedwell | <i>Veronica gracilis</i> | | |
| Grassland Wood Sorrel | <i>Oxalis perennans</i> | | |
| Common Bog Sedge | <i>Schoenus apogon</i> | | |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | | |
| *Sweet Vernel Grass | <i>Anthoxanthum odoratum</i> | | |
| *Toowoomba Canary Grass | <i>Phalaris aquatica</i> | | |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | | |
| | | | |
| *Onion Grass | <i>Romula rosea</i> | | |
| *Spear Thistle | <i>Cirsium vulgare</i> | *Spear Thistle | <i>Cirsium vulgare</i> |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| | | | |

MAB PPM 111

S 38°15.474'

E 143°46.136'

| Date & time | 07.12.13 11.20 | 23.10.14 15.45 | 16.11.15 17.00 |
|--------------------------------------|------------------------|----------------|------------------------|
| Total Vegetation Cover | 95% | 80% | 80% |
| Average Height Vegetation | 15 cm | 11.6cm | 8cm |
| Total Native Vegetation Cover | 10% | 20% | 40% |
| Graminoids | 5% | 10% | 30% |
| Herbs | 5% | 10% | 10% |
| Total Weeds | 85% | 60% | 40% |
| Total Grasses | 65% | 30% | 30% |
| Grasses – perennial | 45% | 0% | 5% |
| Grasses – annual | 20% | 30% | 25% |
| Dicots | 20% | 30% | 10% |
| Inter-tussock space | 5% | 30% | 20% |
| Bare Ground | 0% | 20% | 10% |
| Litter | 5% | 0% | 10% |
| Moss – present or absent | Present | Absent | Present |
| Biomass Monitoring Golf Ball Method | | | 9.5 Medium- Biomass |
| Temperature / Wind | 22°C wind not recorded | 15°C E 31 kph | 3pm 26°C WNW 13kph |
| | | | |



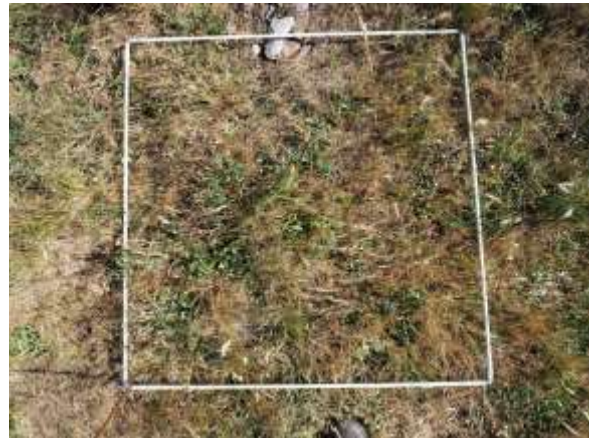
PPM 111 – 2013 Landscape View



PPM 111 – 2015 Landscape View



PPM 111 – 2013 Close up View



PPM 111 – 2015 Close up View

Species Recorded In 1 m² Plot MAB 111

Black type denotes present both years, **green type** present in 2013 and **blue type** 2014 only.

| 2013 & 2014 | | 2015 | |
|--------------------------|------------------------------|-----------------------|------------------------------|
| Spear Grass | <i>Austrostipa sp.</i> | Spear Grass | <i>Austrostipa sp.</i> |
| Wallaby Grass | <i>Rytidosperma sp.</i> | Wallaby Grass x2 | <i>Rytidosperma sp.</i> |
| Weeping Grass | <i>Microlaena stipoides</i> | | |
| Chocolate Lily | <i>Arthropodium strictum</i> | Chocolate Lily | <i>Arthropodium strictum</i> |
| Onion Orchid | <i>Microtis unifolia</i> | | |
| Sheep's Burr | <i>Acaena ovina</i> | Sheep's Burr | <i>Acaena ovina</i> |
| Grassland's Crane's Bill | <i>Geranium retrorsum</i> | | |
| Wood Sorrell | <i>Oxalis perennans</i> | | |
| Wiry Dock | <i>Rumex dumosus</i> | | |
| *Wild Oats | <i>Avena barbata</i> | *Wild Oats | <i>Avena barbata</i> |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | *Delicate Hair Grass | <i>Aira elegantissima</i> |
| *Ryegrass | <i>Lolium multiflorum</i> | *Ryegrass | <i>Lolium multiflorum</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | *Fog Grass | <i>Holcus lanatus</i> |
| *Soft Brome | <i>Bromus hordeaceus</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Onion Grass | <i>Romula rosea</i> | | |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| *Clover | <i>Trifolium sp</i> | *Spear Thistle | <i>Cirsium vulgare</i> |
| | | | |

In 5 m² Plot MAB 111

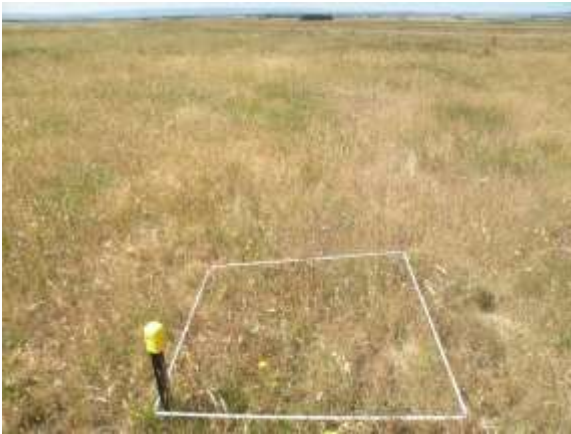
| 2013 & 2014 | | 2015 | |
|--------------------------|--------------------------------|------------------------|------------------------------|
| Spear Grass | <i>Austrostipa sp.</i> | Spear Grass | <i>Austrostipa sp.</i> |
| Wallaby Grass x3 | <i>Rytidosperma sp.</i> | Wallaby Grass x2 | <i>Rytidosperma sp.</i> |
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| Weeping Grass | <i>Microlaena stipoides</i> | Australian Wheat Grass | <i>Elymus scaber</i> |
| | | Leafy Blown Grass | <i>Lachnagrostis aemula</i> |
| Chocolate Lily | <i>Arthropodium strictum</i> | Chocolate Lily | <i>Arthropodium strictum</i> |
| Onion Orchid | <i>Microtis unifolia</i> | | |
| Sheep's Burr | <i>Acaena ovina</i> | Sheep's Burr | <i>Acaena ovina</i> |
| Grassland's Crane's Bill | <i>Geranium retrorsum</i> | | |
| Wood Sorrel | <i>Oxalis perennans</i> | | |
| Common Woodruff | <i>Asperula conferta</i> | | |
| Sweet Hound's Tongue | <i>Cynoglossum suaveolens</i> | | |
| Wiry Dock | <i>Rumex dumosus</i> | | |
| *Wild Oats | <i>Avena barbata</i> | *Wild Oats | <i>Avena barbata</i> |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | *Delicate Hair Grass | <i>Aira elegantissima</i> |
| *Ryegrass | <i>Lolium multiflorum</i> | *Ryegrass | <i>Lolium multiflorum</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | *Fog Grass | <i>Holcus lanatus</i> |
| *Hare's Tail Grass | <i>Lagurus ovatus</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Soft Brome | <i>Bromus hordeaceus</i> | | |
| *Onion Grass | <i>Romula rosea</i> | | |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| *Spear Thistle | <i>Cirsium vulgare</i> | *Spear Thistle | <i>Cirsium vulgare</i> |
| *Red Bartsia | <i>Parentucellia latifolia</i> | | |
| *Clover | <i>Trifolium sp</i> | | |
| | | | |
| | | | |

MAB PPM 112

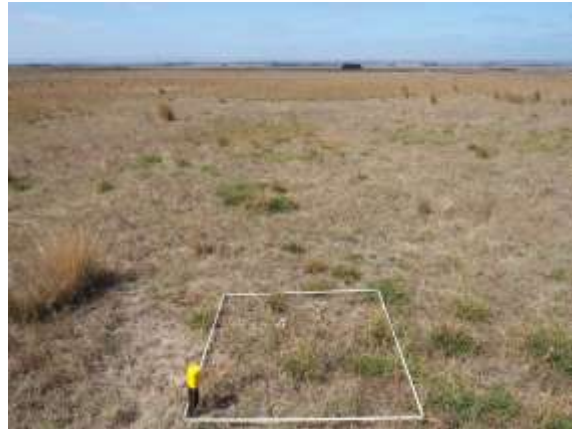
S 38°15.534'

E 143°46.168'

| Date & time | 27.11.2014 10.28 | 21.11.15 16.44 |
|----------------------------------------|------------------|----------------------------|
| Total Vegetation Cover | 65% | 85% |
| Average Height Vegetation | 12.6 cm | 5.6cm |
| Total Native Vegetation Cover | 20% | 55% |
| Graminoids | 15% | 30% |
| Herbs | 5% | 25% |
| Total Weeds | 45% | 30% |
| Total Grasses | 40% | 25% |
| Grasses – perennial | 5% | 5% |
| Grasses – annual | 35% | 20% |
| Dicots | 5% | 5% |
| Inter-tussock space | 15% | 35% |
| Bare Ground | 10% | 10% |
| Litter | 25% | 5% |
| Moss – present or absent | Present | Present |
| Biomass Monitoring Golf Ball Method | | 11 Medium – Low Biomass |
| Temperature / Wind | 14.4C ENE 20 kph | 3pm 14°C SW 24kph |
| | | |



PPM 112 – 2014 Landscape View



PPM 112 – 2015 Landscape View (taken Jan 2016)



PPM 112 – 2014 Close up View



PPM 112 – 2015 Close up View

Species Recorded In 1 m² Plot MAB 112

| 2014 | | 2015 | |
|-----------------------|--------------------------------|-----------------------|----------------------------------|
| Wallaby Grass x 2 | <i>Rytidosperma spp.</i> | Wallaby Grass x 4 | <i>Rytidosperma spp.</i> |
| | | Kangaroo Grass | <i>Themeda triandra</i> |
| | | Plume Grass | <i>Dichelachne crinata</i> |
| Blue Devil | <i>Eryngium ovinum</i> | Blue Devil | <i>Eryngium ovinum</i> |
| Scaly Buttons | <i>Leptorhynchos squamatus</i> | Scaly Buttons | <i>Leptorhynchos squamatus</i> |
| | | Common Woodruff | <i>Asperula conferta</i> |
| | | Blushing Bind Weed | <i>Convolvulus angustissimus</i> |
| | | Dwarf Mat Rush | <i>Lomandra nana</i> |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | *Delicate Hair Grass | <i>Aira elegantissima</i> |
| *Brown Top Bent | <i>Agrostis capillaris</i> | *Brown Top Bent | <i>Agrostis capillaris</i> |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Hare's Tail Grass | <i>Lagurus ovatus</i> | | |
| *Lesser Quaking Grass | <i>Briza minor</i> | | |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| *Onion Grass | <i>Romula rosea</i> | *Ribwort | <i>Plantago lanceolata</i> |
| *Clover | <i>Trifolium sp.</i> | | |
| *Narrow Leaf Clover | <i>Trifolium augustifolia</i> | | |
| | | | |

In 5 m² Plot MAB 112

| 2014 | | 2015 | |
|------------------------|--------------------------------|------------------------|----------------------------------|
| Wallaby Grass x 3 | <i>Rytidosperma spp.</i> | Wallaby Grass x 5 | <i>Rytidosperma spp.</i> |
| Australian Wheat Grass | <i>Elymus scaber</i> | Australian Wheat Grass | <i>Elymus scaber</i> |
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| | | Kangaroo Grass | <i>Themeda triandra</i> |
| | | Silver Tussock | <i>Poa labillardierei</i> |
| | | Spear Grass | <i>Austrostipa sp.</i> |
| Blue Devil | <i>Eryngium ovinum</i> | Blue Devil | <i>Eryngium ovinum</i> |
| Scaly Buttons | <i>Leptorhynchos squamatus</i> | Scaly Buttons | <i>Leptorhynchos squamatus</i> |
| | | Common Woodruff | <i>Asperula conferta</i> |
| | | Blushing Bind Weed | <i>Convolvulus angustissimus</i> |
| | | Dwarf Mat Rush | <i>Lomandra nana</i> |
| | | Sheep's Burr | <i>Acaena echinata</i> |
| *Brown Top Bent | <i>Agrostis capillaris</i> | *Brown Top Bent | <i>Agrostis capillaris</i> |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | *Delicate Hair Grass | <i>Aira elegantissima</i> |
| *Hare's Tail Grass | <i>Lagurus ovatus</i> | | |
| *Lesser Quaking Grass | <i>Briza minor</i> | | |
| *Onion Grass | <i>Romula rosea</i> | | |
| *Narrow Leaf Clover | <i>Trifolium augustifolia</i> | *Narrow Leaf Clover | <i>Trifolium augustifolia</i> |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| *Clover | <i>Trifolium sp.</i> | *Ribwort | <i>Plantago lanceolata</i> |
| | | *Dodder | <i>Cuscuta planiflora</i> |
| | | | |

MAB PPM 113

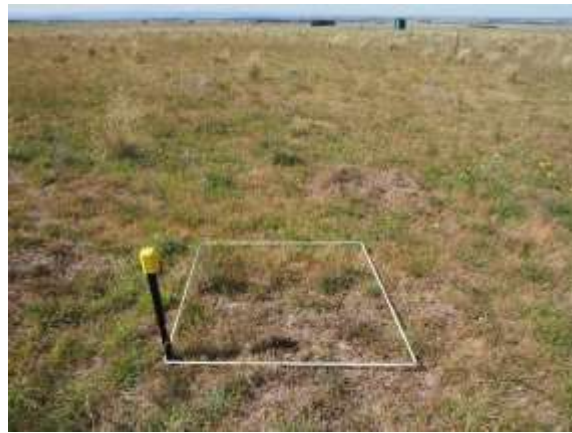
S 38°15.538'

E 143°46.109'

| Date & time | 30.11.2014 10.00 | 16.11.15 10.03 |
|----------------------------------------|------------------|---------------------|
| Total Vegetation Cover | 55% | 55% |
| Average Height Vegetation | 6.2 cm | 4cm |
| Total Native Vegetation Cover | 40% | 50% |
| Graminoids | 35% | 45% |
| Herbs | 5% | 5% |
| Total Weeds | 15% | 5% |
| Total Grasses | 5% | 3% |
| Grasses – perennial | 0% | 0% |
| Grasses – annual | 5% | 3% |
| Dicots | 10% | 2% |
| Inter-tussock space | 50% | 45% |
| Bare Ground | 45% | 40% |
| Litter | 0% | 5% |
| Moss – present or absent | Present | Absent |
| Biomass Monitoring Golf Ball Method | | 15.5 Low Biomass |
| Temperature / Wind | 20.2°C E 17 kph | |
| | | |



PPM 113 – 2014 Landscape View



PPM 113 – 2015 Landscape View



PPM 113 – 2014 Close up View



PPM 113 – 2015 Close up View

Species Recorded In 1 m² Plot MAB 113

| 2014 | | 2015 | |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| Australian Wheat Grass | <i>Elymus scaber</i> | | |
| Common Woodruff | <i>Asperula conferta</i> | Common Woodruff | <i>Asperula conferta</i> |
| Wood Sorrel | <i>Oxalis perennans</i> | | |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | | |
| *Lesser Quaking Grass | <i>Briza minor</i> | | |
| *Onion Grass | <i>Romula rosea</i> | | |
| *Narrow Leaf Clover | <i>Trifolium augustifolium</i> | *Narrow Leaf Clover | <i>Trifolium augustifolium</i> |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| *Spear Thistle | <i>Cirsium vulgare</i> | *Spear Thistle | <i>Cirsium vulgare</i> |
| *Salsify | <i>Tragapogon porrifolius</i> | | |
| | | | |

In 5 m² Plot MAB 113

| 2014 | | 2015 | |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| Wallaby Grass x3 | <i>Rytidosperma spp.</i> | Wallaby Grass | <i>Rytidosperma spp.</i> |
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Silver tussock | <i>Poa labillardierei</i> | Silver tussock | <i>Poa labillardierei</i> |
| Australian Wheat Grass | <i>Elymus scaber</i> | Velvet Tussock | <i>Poa morrisii</i> |
| Spear Grass | <i>Austrostipa sp.</i> | | |
| Common Woodruff | <i>Asperula conferta</i> | Common Woodruff | <i>Asperula conferta</i> |
| Blue Devil | <i>Eryngium ovinum</i> | Blue Devil | <i>Eryngium ovinum</i> |
| Wood Sorrel | <i>Oxalis perennans</i> | | |
| Sheep's Burr | <i>Acaena echinata</i> | | |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | *Delicate Hair Grass | <i>Aira elegantissima</i> |
| *Fog Grass | <i>Holcus lanatus</i> | *Wild Oats | <i>Avena barbata</i> |
| *Lesser Quaking Grass | <i>Briza minor</i> | | |
| *Onion Grass | <i>Romula rosea</i> | | |
| *Narrow Leaf Clover | <i>Trifolium augustifolium</i> | *Narrow Leaf Clover | <i>Trifolium augustifolium</i> |
| *Flat Weed | <i>Hypochoeris radicata</i> | *Flat Weed | <i>Hypochoeris radicata</i> |
| *Salsify | <i>Tragapogon porrifolius</i> | *Salsify | <i>Tragapogon porrifolius</i> |
| *Slender Century | <i>Centaureum tenuiflorum</i> | *Spear Thistle | <i>Cirsium vulgare</i> |
| *Spear Thistle | <i>Cirsium vulgare</i> | | |
| | | | |

MAB PPM 114

S 38°15.515'

E 143°46.187'

| | | |
|----------------------------------------|------------------|------------------------|
| Date & time | 30.11.2014 10.40 | 21.11.15 15.45 |
| Total Vegetation Cover | 90% | 85% |
| Average Height Vegetation | 15.8 cm | 7.8cm |
| Total Native Vegetation Cover | 45% | 55% |
| Graminoids | 40% | 50% |
| Herbs | 5% | 5% |
| Total Weeds | 45% | 30% |
| Total Grasses | 45% | 29% |
| Grasses – perennial | 0% | 5% |
| Grasses – annual | 45% | 24% |
| Dicots | 0% | 1% |
| Inter-tussock space | 15% | 10% |
| Bare Ground | 10% | 5% |
| Litter | 0% | 10% |
| Moss – present or absent | Absent | Absent |
| Biomass Monitoring Golf Ball Method | | 10.5 Medium Biomass |
| Temperature / Wind | 22°C ENE 13 kph | 3pm 14°C SW 24 kph |
| | | |



PPM 114 – 2014 Landscape View



PPM 114 – 2015 Landscape View



PPM 114 – 2014 Close up View



PPM 114 – 2015 Close up View

Species Recorded In 1 m² Plot MAB 114

| 2014 | | 2015 | |
|------------------------|-------------------------------|------------------------|-------------------------------|
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Wallaby Grass | <i>Rytidosperma sp.</i> | | |
| Blushing Bind Weed | <i>Convolvulus erubescens</i> | Blushing Bind Weed | <i>Convolvulus erubescens</i> |
| *Fog Grass | <i>Holcus lanatus</i> | *Fog Grass | <i>Holcus lanatus</i> |
| * Squirrel Tail Fescue | <i>Vulpia bromoides</i> | * Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | | |
| *Onion Grass | <i>Romula rosea</i> | *Onion Grass | <i>Romula rosea</i> |
| | | *Flat Weed | <i>Hypochoeris radicata</i> |
| | | | |

In 5 m² Plot MAB 114

| 2014 | | 2015 | |
|------------------------|-------------------------------|------------------------|-------------------------------|
| Kangaroo Grass | <i>Themeda triandra</i> | Kangaroo Grass | <i>Themeda triandra</i> |
| Plume Grass | <i>Dichelachne crinita</i> | Plume Grass | <i>Dichelachne crinita</i> |
| Wallaby Grass x3 | <i>Rytidosperma spp.</i> | Wallaby Grass x3 | <i>Rytidosperma spp.</i> |
| Australian Wheat Grass | <i>Elymus scaber</i> | Australian Wheat Grass | <i>Elymus scaber</i> |
| | | Spear Grass | <i>Austrostipa sp</i> |
| | | Leafy Blown Grass | <i>Lachnagrostis aemula</i> |
| | | Silver Tussock | <i>Poa labillardierei</i> |
| | | Velvet Tussock | <i>Poa morrisii</i> |
| Blushing Bind Weed | <i>Convolvulus erubescens</i> | Blushing Bind Weed | <i>Convolvulus erubescens</i> |
| | | Blue Devil | <i>Eryngium ovinum</i> |
| *Fog Grass | <i>Holcus lanatus</i> | *Fog Grass | <i>Holcus lanatus</i> |
| *Squirrel Tail Fescue | <i>Vulpia bromoides</i> | *Squirrel Tail Fescue | <i>Vulpia bromoides</i> |
| *Delicate Hair Grass | <i>Aira elegantissima</i> | | |
| *Brown Top Bent | <i>Agrostis capillaries</i> | | |
| *Hare's Tail grass | <i>Lagurus ovatus</i> | | |
| *Onion Grass | <i>Romula rosea</i> | *Onion Grass | <i>Romula rosea</i> |
| | | *Flat Weed | <i>Hypochoeris radicata</i> |
| | | *Spear Thistle | <i>Cirsium vulgare</i> |
| | | | |

MAB PPM 115

S 38°15.481'

E 143°46.281

| Date & time | 07.12.13 12.30 | 18.10.14 10.50 | 16.11.15 11.04 |
|--------------------------------------|----------------|----------------|-------------------------|
| Total Vegetation Cover | 70% | 80% | 45 |
| Average Height Vegetation | 25.6cm | 10.2cm | 3.6cm |
| Total Native Vegetation Cover | 50% | 45% | 40% |
| Graminoids | 20% | 5% | 5% |
| Herbs | 30% | 40% | 35% |
| Total Weeds | 20% | 35% | 5% |
| Total Grasses | 18% | 25% | 5% |
| Grasses – perennial | 15% | 20% | 0% |
| Grasses – annual | 3% | 5% | 5% |
| Dicots | 2% | 10% | 0% |
| Inter-tussock space | 30% | 60% | 85% |
| Bare Ground | 0% | 20% | 50% |
| Litter | 30% | 0% | 5% |
| Moss – present or absent | Present | Absent | Absent |
| Biomass Monitoring Golf Ball Method | | | 14 Medium - low Biomass |
| Temperature / Wind | 18°C NW 8 kph | 16°C NNW 9kph | 9am 15 4°C E 19kph |
| | | | |



PPM 115 – 2013 Landscape View



PPM 115 – 2015 Landscape View



PPM 115 – 2013 Close up View



PPM 115 – 2015 Close up View

Species Recorded In 1 m² Plot MAB 115

Black type denotes present both years, **green type** present in 2013 and **blue type** 2014 only.

| 2013 & 2014 | | 2015 | |
|----------------------------|---------------------------------|------------------------|------------------------------------|
| Common Tussock | <i>Poa labillardierei</i> | Silver Tussock | <i>Poa labillardierei</i> |
| | | Wallaby Grass | <i>Rytidosperma sp</i> |
| Sheep's Burr | <i>Acaena echinata</i> | Sheep's Burr | <i>Acaena echinata</i> |
| Wood Sorrel | <i>Oxalis perennans</i> | Wood Sorrel | <i>Oxalis perennans</i> |
| Blue Devil | <i>Eryngium ovinum</i> | | |
| *Wild oats | <i>Avena barbata</i> | *Wild oats | <i>Avena barbata</i> |
| *Toowoomba Canary Grass | <i>Phalaris aquatica</i> | *Soft Brome | <i>Bromus hordeaceus</i> |
| *Fog Grass | <i>Holcus lanatus</i> | *Narrow Leaf Clover | <i>Trifolium angustifolium</i> |
| *Onion Grass | <i>Romula rosea</i> | | |
| *Spear Thistle | <i>Cirsium vulgare</i> | | |
| *Flat Weed | <i>Hypochoeris radicata</i> | | |
| *Clover sp. | <i>Trifolium sp.</i> | | |
| | | | |

In 5 m² Plot MAB 115

| 2014 | | 2015 | |
|----------------------------|---------------------------------|---------------------|------------------------------------|
| Common Tussock | <i>Poa labillardierei</i> | Silver Tussock | <i>Poa labillardierei</i> |
| | | Wallaby Grass | <i>Rytidosperma sp</i> |
| Sheep's Burr | <i>Acaena echinata</i> | Sheep's Burr | <i>Acaena echinata</i> |
| Wood Sorrel | <i>Oxalis perennans</i> | Wood Sorrel | <i>Oxalis perennans</i> |
| Blue Devil | <i>Eryngium ovinum</i> | | |
| Slender Speedwell | <i>Veronica gracilis</i> | | |
| *Wild oats | <i>Avena barbata</i> | *Wild oats | <i>Avena barbata</i> |
| *Toowoomba Canary Grass | <i>Phalaris aquatica</i> | *Soft Brome | <i>Bromus hordeaceus</i> |
| *Rye Grass | <i>Lolium multiflorum</i> | *Rye Grass | <i>Lolium ,ultiflorum</i> |
| *Fog Grass | <i>Holcus lanatus</i> | | |
| *Onion Grass | <i>Romula rosea</i> | | |
| * Flat Weed | <i>Hypochoeris radicata</i> | * Flat Weed | <i>Hypochoeris radicata</i> |
| *Spear Thistle | <i>Cirsium vulgare</i> | *Narrow Leaf Clover | <i>Trifolium angustifolium</i> |
| *Clover | <i>Trifolium sp.</i> | | |
| | | | |