



< **Yalukit Willam Nature Reserve**
Seed Cleaning Guide
2024 Harvest

Julie K Beatty – YWNA

Seed Cleaning Checklist

Plants fully dried? Species labelled correctly? Date & place where seed collected labelled on bag?

1

Inspect Bags

Plants dried?
Species correct?
Date & place seed
collected on bag?



2

Group Bags

Group bags by
species on the seed
line



3

Table Setup

Place table away
from wind. Spread
papers across table
and inside tubs.



4

One at a Time

Clean only one
species per table



5

Tools

Use large, deep
tubs, sieves, &
mortar and pestle



Seed Cleaning Checklist (continued)

6

Contain

Use glass jars. Add silica gel desiccant packets.



7

Label Jars

Write species Latin name, seed source, & date on label. Put label inside jar.



8

Store

Store jars in dry, cold, dark place



9

Weigh

Weigh seed using scales to 0.1 gram



10

Record

Record weights by species, source, & harvest season



Safety Tips



Take frequent breaks to rest your hands, spine and body. Sit rather than stand at a table while cleaning.

Look out for splinters, sore fingers and thumbs! Take breaks to massage your hands.



Cleaning Tricks



Clean ALL organics, seeds from bags INSIDE plastic tubs or INSIDE paper bags on table.

Put glass jars INSIDE plastic tubs or on paper when filling jars with cleaned seed.





Threshing Using Sieves

1. Select a sieve that allows seeds to fall into tub plus captures most organics.
2. Stack 2 or 3 sieves on top of each other with largest mesh size on top and smallest mesh size on bottom over paper or a tub. Place plants in the top sieve and thresh until seed falls through to the tub.
3. Remove organics and any seeds stuck in the sieve mesh before reusing.

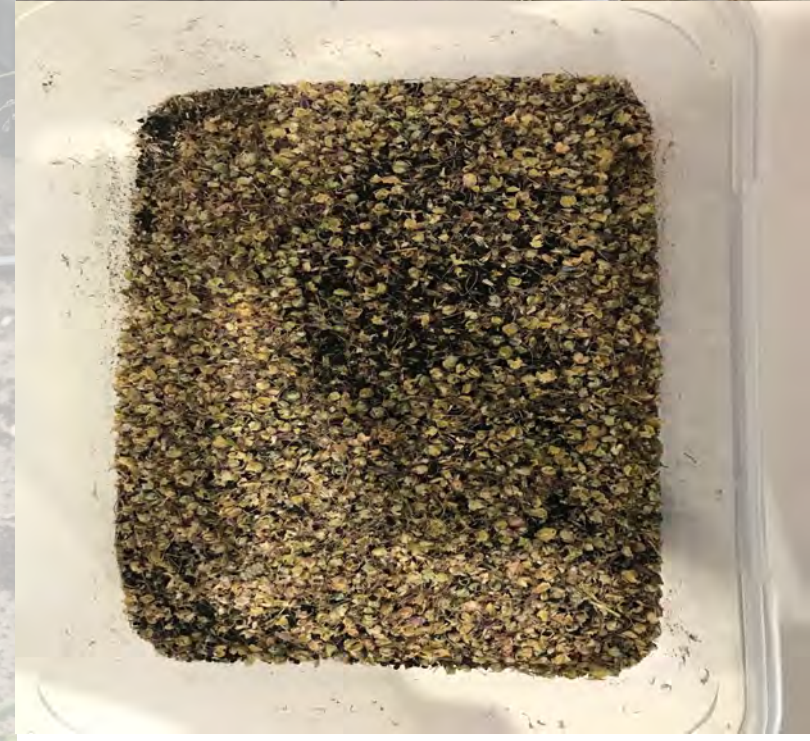


Using Mortar and Pestle

1. Place a small handful of pods in the mortar (bowl).
2. Use pestle to gently grind the pods until seeds are released. Easy does it!
3. Discard pod organics and place seeds in a glass jar, and label.

Arthropodium milleflorum (Vanilla Lily) strictum (Chocolate Lily)

1. Close bag of dried plants. Shake up & down allowing seeds to fall from pods.
2. Detach or winnow the closed seed pods from plants inside a bag or a tub to capture seeds
3. Prise open pods with thumb and index finger to release seeds OR
4. Place small handful of pods in mortar & pestle. Gently grind pods just until seeds are released.
5. Save plant stems & pods to scatter in Reserve in an area designated by YWNA project manager.





Bulbine bulbosa (Bulbine Lily)

1. Close bag of dried plants. Shake up & down allowing seeds to fall from pods.
2. Detach or winnow the closed seed pods from plants inside a bag or a tub to capture seeds
3. Prise open pods with thumb and index finger to release seeds OR
4. Place small handful of pods in mortar and pestle. Gently grind pods just until seeds are released.
5. Save plant stems & pods to scatter in Reserve in an area designated by YWNA project manager.



Caesia calliantha
(Blue Grass Lily)





Chrysocephalum apiculatum (Common Everlasting)

- A. For seed fluff collected from flowers place seed fluff directly in glass jars. Too easy!
- B. For flowers with seed fluff intact scrape fluff from flowers into jar.
- C. For whole plants:
 - a. Detach flowers from plants
 - b. Gently scrape fluff from centre of flower with thumbnail working inside the bag or a tub to capture fluff OR
 - c. Sieve flowers inside a tub to capture fluff

Save plant stems & flowers to scatter in Reserve in an area designated by YWNA project manager.

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Chrysocephalum semipapposum (Clustered Everlasting)

- A. For seed fluff collected from flowers place seed fluff directly in glass jars. Too easy!
- B. For flowers with seed fluff intact scrape fluff from flowers into jar.
- C. For whole plants:
 - a. Detach flowers from plants
 - b. Gently scrape fluff from centre of flower with thumbnail working inside the bag or a tub to capture fluff OR
 - c. Sieve flowers inside a tub to capture fluff

Save plant stems & flowers to scatter in Reserve in an area designated by YWNA project manager.

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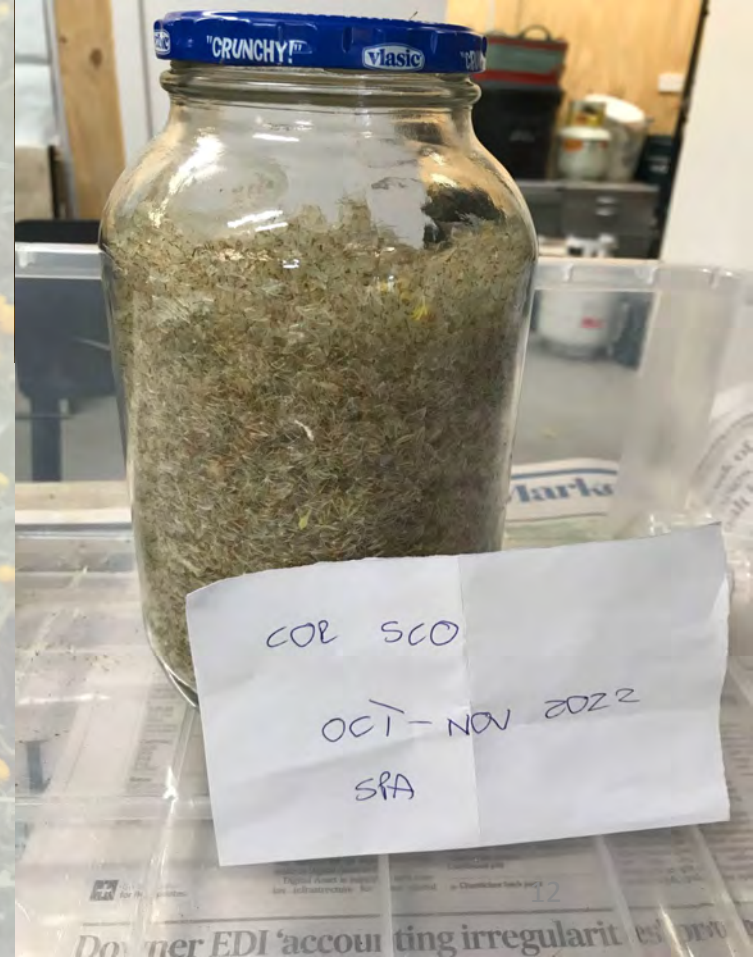
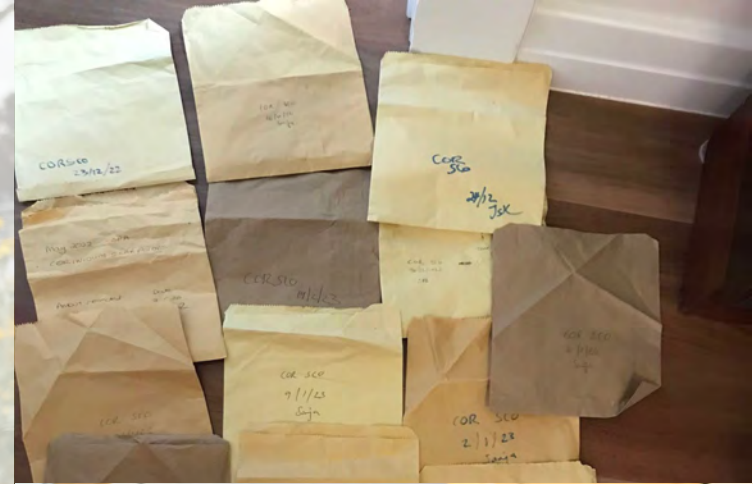


Coronidium scorpioides (Button Everlasting)

- A. For seed fluff collected from flowers place seed fluff directly in glass jars. Too easy!
- B. For flowers with seed fluff intact scrape fluff from flowers into jar.
- C. For whole plants:
 - a. Detach flowers from plants
 - b. Gently scrape fluff from centre of flower with thumbnail working inside the bag or a tub to capture fluff OR
 - c. Sieve flowers inside a tub to capture fluff

Save plant stems & flowers. Scatter in Reserve in an area designated by YWNA project manager.

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Craspedia variabilis (Variable Billy Buttons)

- A. For seed fluff collected from flowers place fluff directly in glass jars. Too easy!
- B. For flowers with seed fluff intact gently remove fluff from flowers into jar.
- C. For whole plants Gently remove fluff around flower nub working inside the bag or a tub to capture fluff

Save plant stems & flower nubs to scatter in Reserve in an area designated by YWNA project manager.



Kennedia prostrata (Running Postman)

1. Place dried pods onto paper or in plastic tubs.
2. Inspect for damaged pods and discard.
3. Prise open pods with thumb and index finger to release seeds.
4. Pour seeds into glass jar.
5. Discard pods in FOGO bin or area in Reserve designated by YWNA project manager.

TIP: TAKE FREQUENT BREAKS and MASSAGE HANDS

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Leiocarpa panaetiodes (Woolly Buttons)

- A. For seed fluff collected from flowers place seed fluff directly in glass jars. Too easy!
- B. For flowers with seed fluff intact scrape fluff from flowers into jar.
- C. For whole plants:
 - a. Detach flowers from plants
 - b. Gently scrape fluff from centre of flower with thumbnail working inside the bag or a tub to capture fluff OR
 - c. Sieve flowers inside a tub to capture fluff

Save plant stems & flowers. Scatter in Reserve in an area designated by YWNA project manager.



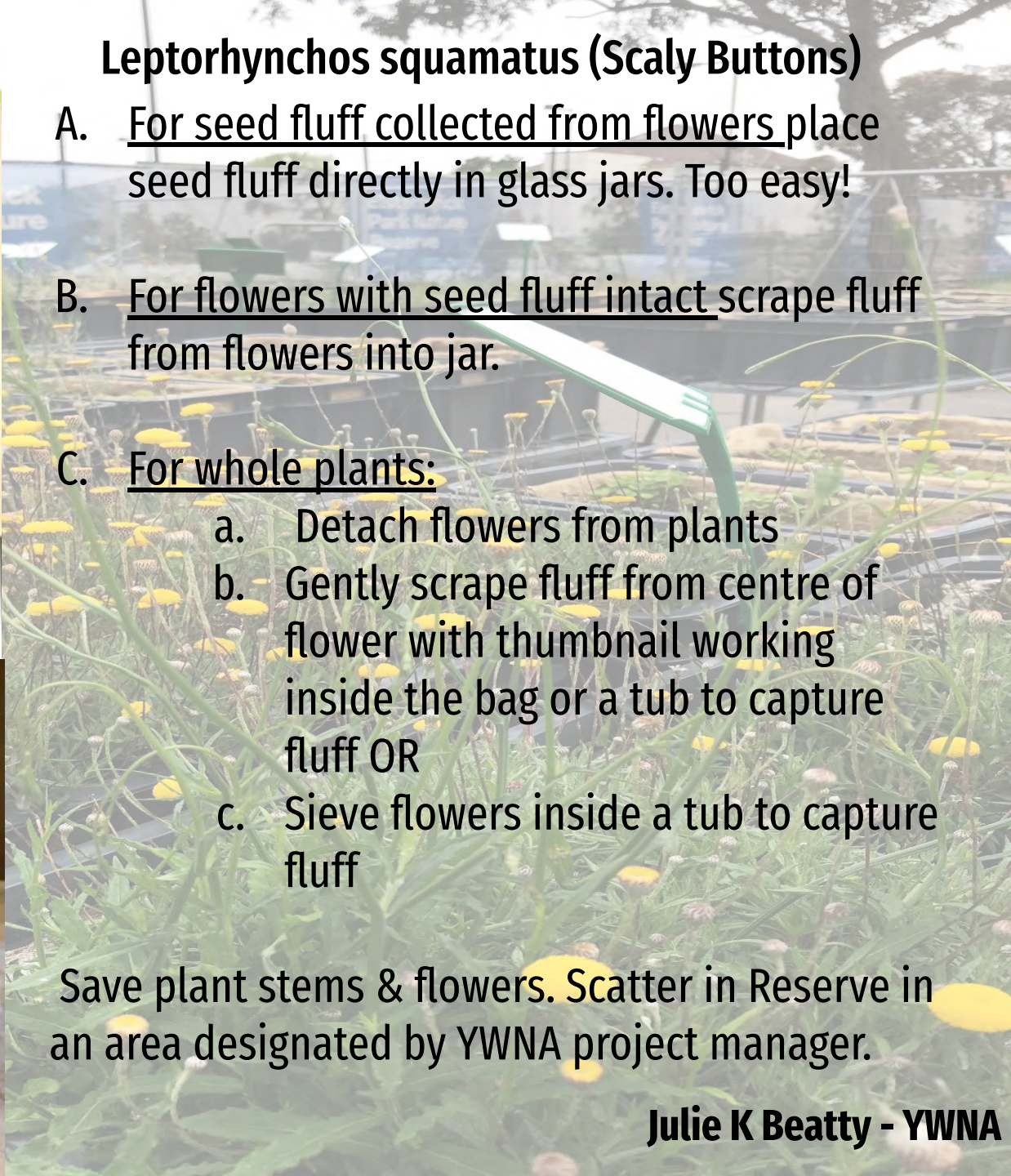
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Leptorhynchos squamatus (Scaly Buttons)

- A. For seed fluff collected from flowers place seed fluff directly in glass jars. Too easy!
- B. For flowers with seed fluff intact scrape fluff from flowers into jar.
- C. For whole plants:
 - a. Detach flowers from plants
 - b. Gently scrape fluff from centre of flower with thumbnail working inside the bag or a tub to capture fluff OR
 - c. Sieve flowers inside a tub to capture fluff

Save plant stems & flowers. Scatter in Reserve in an area designated by YWNA project manager.

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Leptorhynchos tenuifolius (Wiry Buttons)

- A. For seed fluff collected from flowers place seed fluff directly in glass jars. Too easy!
- B. For flowers with seed fluff intact scrape fluff from flowers into jar.
- C. For whole plants:
 - a. Detach flowers from plants
 - b. Gently scrape fluff from centre of flower with thumbnail working inside the bag or a tub to capture fluff OR
 - c. Sieve flowers inside a tub to capture fluff

Save plant stems & flowers to scatter in Reserve in an area designated by YWNA project manager.

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Linum Marginale (Native Flax)

1. Close bag of dried plants. Shake up & down allowing capsules to fall from stems.
2. Detach or winnow capsules from plants (inside a bag or a tub to capture all seeds).
3. Prise open capsules with thumb and index finger to release seeds AND OR
4. Sieve capsules over tub to release seeds.
5. Save plant stems & capsules to scatter in Reserve in an area designated by YWNA project manager.





Plantago gaudichaudii (Narrow Plantain)

1. Winnow organics from stems into a sieve.
2. Sieve organics to release seeds into tub.
3. Save plant stems & capsules to scatter in Reserve in an area designated by YWNA project manager.



Poa labillardierei (Common Tussock Grass)

1. Thresh plants working inside a bag or using a sieve inside a tub.
2. Separate seeds (see photo on right) from organics.
3. Save plant organics to scatter in Reserve in an area designated by YWNA project manager.





Poa tenera (Slender Tussock Grass)

1. Thresh plants working inside a bag or using a sieve inside a tub.
2. Separate seeds (see photo on right) from organics.
3. Save plant organics to scatter in Reserve in an area designated by YWNA project manager.





Rytdiosperma caespitosum (Common Wallaby Grass)

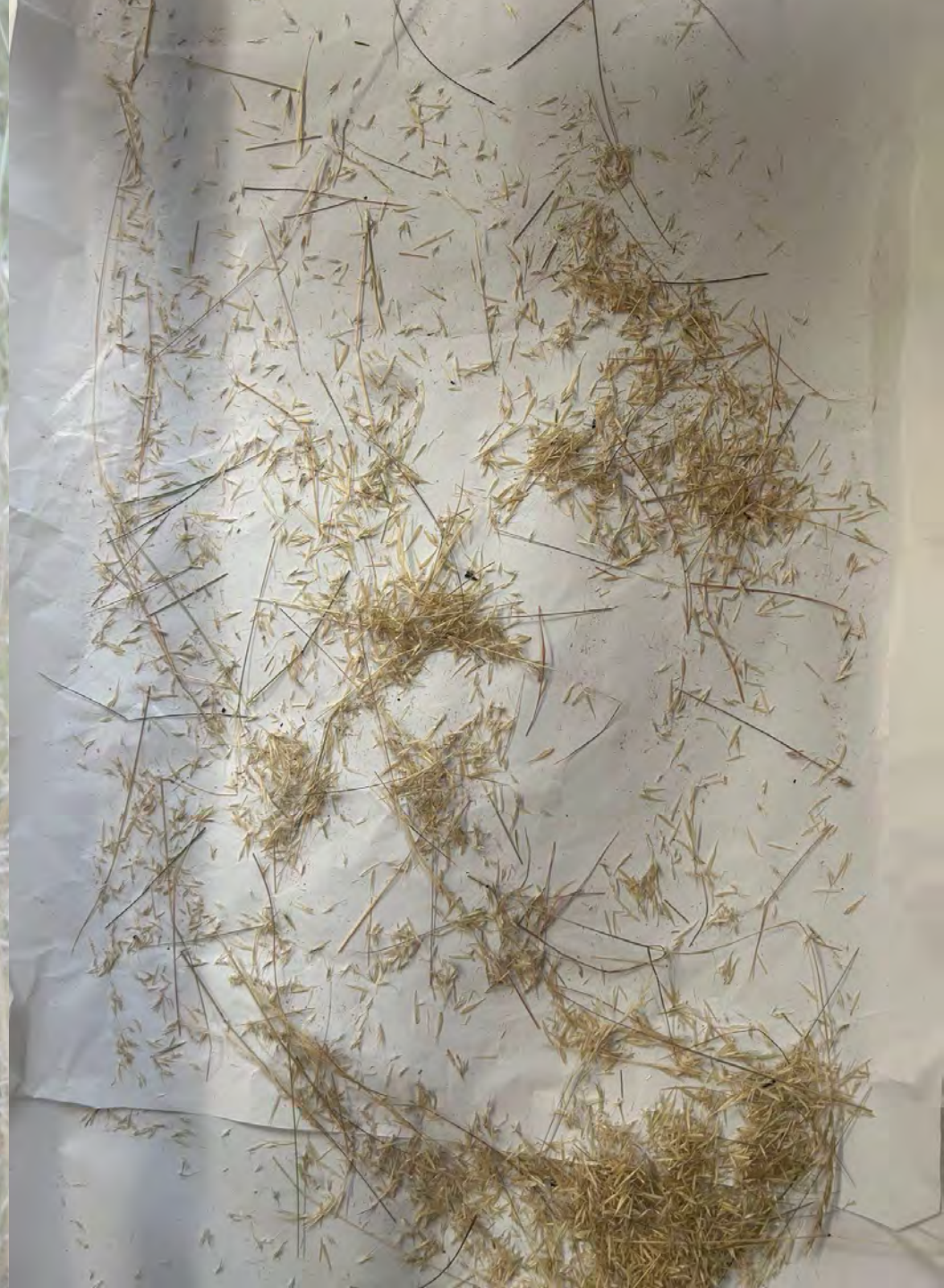
1. Thresh plants working inside a bag or using a sieve inside a tub.
2. Separate seeds (see photo on right) from organics.
3. Save plant organics to scatter in Reserve in an area designated by YWNA project manager.





Rytidiosperma racemosum (Clustered Wallaby Grass)

1. Thresh or winnow plants working inside a bag or using a sieve inside a tub.
2. Separate seeds (see photo on right) from organics.
3. Save organics to scatter in Reserve in an area designated by YWNA project manager.



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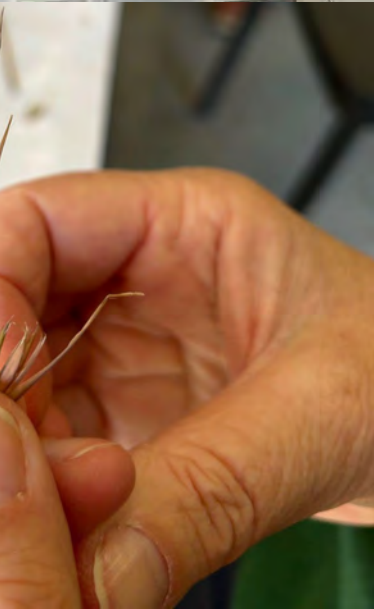
Stylidium graminifolium (Grass Trigger Plant)

1. Close bag of dried plants. Shake up & down allowing seeds to fall off.
2. Detach or winnow flower pods from plants working inside a bag or a tub container to capture seeds.
3. Save plant stems & flower pods to scatter in Reserve in an area designated by YWNA project manager.



Themeda triandra (Kangaroo Grass)

1. Detach or winnow flower pods, organics from plants working inside a bag or a tub.
2. Separate seeds (see photos on right) from organics.
3. Save plant organics to scatter in Reserve in an area designated by YWNA project manager.



Vittadinia cuneata (Fuzzy New Holland Daisy)

- A. For seed fluff collected from flowers place fluff directly in glass jars. Too easy!
- B. For flowers with seed fluff intact gently remove fluff from flowers and put into jar.
- C. For whole plants Gently remove fluff around flower nub working inside the bag or a tub to capture fluff

Save plant stems & flower nubs to scatter in Reserve in an area designated by YWNA project manager.



Wahlenbergia capillaris (Tufted Bluebell)

1. Close bag of dried plants. Shake up & down allowing seeds to fall off.
2. Detach or winnow closed flower pods from plants working inside a bag or a tub to capture all seeds.
3. Save plant stems & flower pods to scatter in Reserve in an area designated by YWNA project manager.

TIP: DOUBLE BAG or PLACE PLASTIC BAG AROUND PAPER BAGS of PLANTS TO PREVENT SEEDS FROM FALLING OUT of BAG.

Wahlenbergia gracilis (Sprawling Bluebell)

1. Close bag of dried plants. Shake up & down allowing seeds to fall off.
2. Detach or winnow closed flower pods from plants working inside a bag or a tub to capture all seeds.
3. Save plant stems & flower pods to scatter in Reserve in an area designated by YWNA project manager.

TIP: DOUBLE BAG or PLACE PLASTIC BAG AROUND PAPER BAGS of PLANTS TO PREVENT SEEDS FROM FALLING OUT of BAG.

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Wahlenbergia luteola (Yellowish Bluebell)

1. Close bag of dried plants. Shake up & down allowing seeds to fall off.
2. Detach or winnow closed flower pods from plants working inside a bag or a tub to capture all seeds.
3. Save plant stems & flower pods to scatter in Reserve in an area designated by YWNA project manager.

TIP: DOUBLE BAG or PLACE PLASTIC BAG AROUND PAPER BAGS of PLANTS TO PREVENT SEEDS FROM FALLING OUT of BAG.



Wahlenbergia stricta (Tall Bluebell)

1. Close bag of dried plants. Shake up & down allowing seeds to fall off.
2. Detach or winnow closed flower pods from plants working inside a bag or a tub to capture all seeds.
3. Save plant stems & flower pods to scatter in Reserve in an area designated by YWNA project manager.

TIP: DOUBLE BAG or PLACE PLASTIC BAG AROUND PAPER BAGS of PLANTS TO PREVENT SEEDS FROM FALLING OUT of BAG.

