







My mentors

- Robert Luttrell
- More than 300 hives
- Commercial sales
- Educator
- Inventor

Allan Beil

- (talking to Nick Powell)
 ➢ More than 300 hives
- A.australis
- Naturalist
- Dr Tim Heard
- More than 300 hives
 - > Author / Educator
 - Commercial sales
 - Researcher





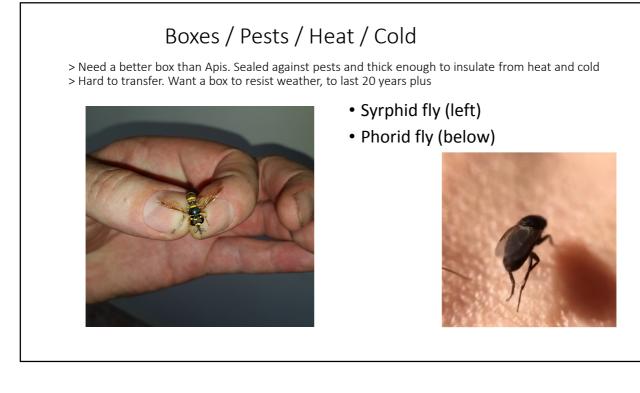


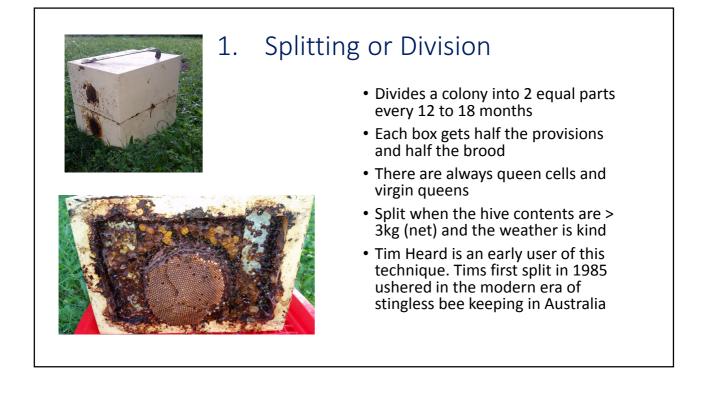
Bees in S.E. QLD

T.hockingsi > 10,000 workers Coastal QLD Brisbane to Cape York Vigorous Trouble makers

A.australis Small or large colonies Drier Inland areas Found in most states Can handle droughts Shy Very gentle

T.carbonaria 10,000 workers Coastal Bundaberg to Bega Vigorous Less troublesome than hockingsi





Splitting Plate



SPLITTING PROBLEMS

- Quoted success rates vary
 - 30% failures reported on social media (new beekeepers)
 - Tim Heard claims 94% success
 - Chris Fuller of Kin Kin native bees claims 85% success using splitting plates
- Pests
- Slumping
- Failure to Re-queen

SUGGESTIONS

- Tape the box joins to stop pests
- Check for brood laying 8 weeks after splitting

2. Eduction or Budding



- Term invented by John Klumpp, Author of Australian Stingless Bees (2007)
- Unique Australian method
- Simply hook an empty box to the front of a strong colony
- Seen as gentle on bees, does not attract pests and no risk of slumping

Problems

- More management needed
- Takes longer than splitting, may take 6 months to put brood in the front box





- This is perfect example
- About 1 month old with honey and pollen storage
- I often cheat and add brood with a queen cell at this stage
- Reduces the sometimes 6 month wait to 2 to 3 months for a new colony



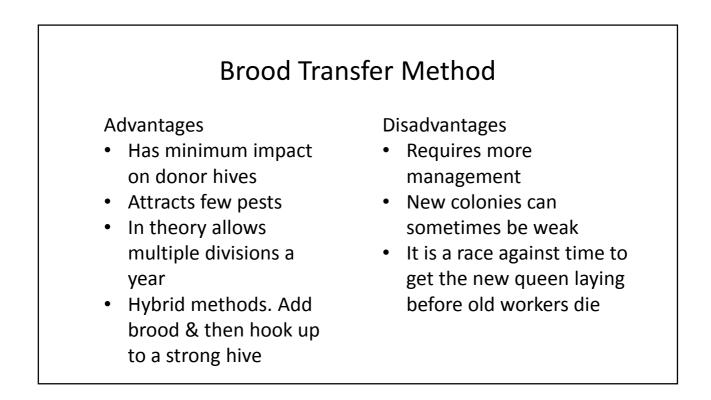
3. Brood Transfer Method

The Brazilian Technique

- Take a section of brood from a strong colony and add to an empty box
- Place the box in a position to steal field workers (move a strong colony 5 to 10 metres away)
- Add a feeder
- Seen as a new method for Australia. Allan Beil and Robert Luttrell were early users in Australia. This technique is widespread and popular in Brazil







4. Queen Transfers and Brood by Mail



Brood by mail

- 1 Disc of brood = 1000 workers
- Convenient way to post a queen
- Can survive a week at room temperature
- For Queenless hives or to start eductions
- (Not enough brood for the Brazilian technique)





T.hockingsi successfully converted to *T.carbonaria*. Brisbane, 2016



A.cassiae queen in A.australis colony about to lay an egg

Queen Transfers

- Allan Beil does this
- Australis queens transfer easily
- Australis and cassiae queens are interchangeable
- Carbonaria queens can be exchanged
- Spraying with sugar water can improve success rates

PARTING ADVICE

- 'When keeping stingless bees first welcome them to your family and make them your friends' (Giorgio Venturieri)
- Treat them gently
- Tape the box joins
- Don't spill honey
- Protect from weather extremes
- Keep the colonies strong. When dividing don't get greedy