



PRESIDENT'S REPORT

G'day Woodies,

Welcome to a brand new year of woodworking and may all your endeavours in this field be successful. With any luck we won't be hit with any more restrictions than mask wearing and distancing and you can continue to gain new knowledge and experience.

Several people have volunteered for positions within the Club....Gary Emmett has stepped in to Training and Demonstrations, Peter Webb is taking on Publicity to relieve our Secretary from some of the pressure. Keith Carter has offered to help Peter and also become our rep on the Sportsground Committee. If you feel inclined to join any of the teams that keep the Club humming, please offer your services and join in.



Since the Woodies beginning in 1996, Toys for the Salvo's Christmas Appeal have been an important part of the Club's activities. This photo was taken around 1998 in the Western Avenue Shed (which we are once again using for timber storage). The number of toys produced steadily increased until it peaked at more than 900. Unfortunately the number of Toyboys has diminished over the years and we desperately need more contributors if we are to maintain this tradition. The Salvo's tell us the toys are much appreciated in the inland areas where they are distributed. If you need a challenge think about making a few toys, puzzles and things that children will get some joy out of receiving. Wednesday is the day to catch up with Hugh and Russ.

Several weeks ago a set of Shed Captains keys were returned to the Club on a Nissan keyring. Could the person who returned them please let us know so we can update the key register.

Ten years ago the Woodies helped the Caloundra Rise Woodcraft Group get established at Caloundra Rise Retirement Resort. The group was founded by Woodies foundation member, former President and just about every other office in the Club, Ken Urquhart.

They have been existing in a bus garage for 10 years but now a new 1500m² building is nearing completion. They are now looking for help in a couple of areas.....

a) inspect, repair and/or replace, all machinery and equipment, and set up a regular maintenance program.

b) Assist us with some basic and advanced training of small groups (4-6) comprising new and some existing members. We know a number of residents here who have been interested in our Group, especially with the new shed on the horizon. We expect an initial surge of fresh and unskilled members, upping the demand for induction and training. Is there someone amongst your brighter members who loves imparting his/her knowledge to others that might visit us weekly for a while to go through the basics and to identify ongoing training needs?

If you'd like to help these fellow woodcrafters, contact Ken on 5438 0027 or kjurquhart@bigpond.com

At our last General Meeting a few subjects were discussed....

Organisation structure for the club

- Teams created for members to be part of (Grounds, Publicity, Training, etc) so that work load is spread between more people.

Christmas function – only 40 attended. Should we do it this year in the Henderson Shed?

- External caterer?

Christmas in July in the Henderson Shed?

Santa Shop date changed to coincide with other art and craft events on the Range.

Should we buy a Club ride on mower?

- Also purchase a battery powered blower

Our application to join the Australian Men's Shed Association has been accepted and we are gradually working our way through the mountains of information and assistance available to us.

As you can see we are in for a busy year once more and let's hope we can keep everyone safe and able to enjoy making sawdust!

To all Woodies and partners not feeling up to scratch at the moment, our thoughts are with you.

Regards,

Max

Tips and Tricks by woodmagazine.com

Make and Mount Super-Simple Drawers

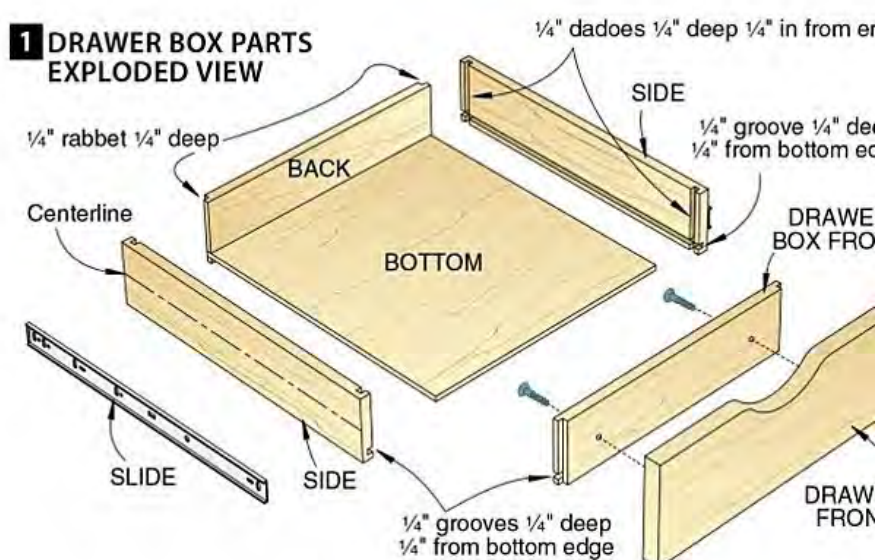
If you can operate a table saw and drill, you can craft these sturdy inset drawers, suitable for any project from storage to fine furniture. We'll show you just how easy it is.

Limiting yourself to furniture projects without drawers is like trying to drive without using the steering wheel: Either way, you won't get far. But once you master how to measure, build, and mount these basic drawers, you're on the road to a world of furniture and storage projects.



Start with design decisions

Two basic drawer styles will fit most project needs. Build inset drawers when you want the drawer front flush with the cabinet frame. Or build partial- or full-overlay drawers to conceal the frame with the drawer fronts. We'll focus on making inset drawers **[Drawing 1, below]**, the ones we use most often.



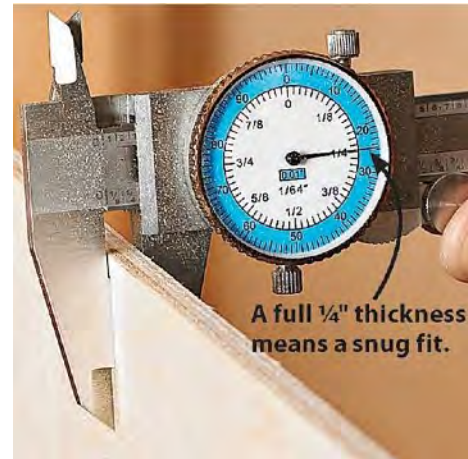
■ **Mounting.** Choose a drawer slide or other mounting method compatible with inset drawers. Of the dozens of options out there, the ones we use for most *WOOD®* magazine projects are full-extension slides, for their smooth operation and easy access to drawer contents. See "Three Mounts that Count", *below*, for two other popular options: European-style slides, and loose drawers that ride on low-friction tape.

Three drawer mounts that count	
	<p>Low-friction tape Cost: \$6.29–\$22 per 10' roll, depending on material and thickness Load capacity: As much as the drawer can hold. Sizes: Widths range from ½"–3". Variations: Some tape uses ultra-high molecular weight (UHMW) material instead of nylon. Comments: Apply where the edges of the drawer sides ride on the carcass. Use this where you want a traditional drawer style without slides or mounts.</p>
	<p>European-style slides Cost: \$2.15–\$6.40 per pair for standard slides; \$45–\$60 for heavy-duty versions. Load capacity: 55–100 lbs. Heavy-duty versions hold up to 220 lbs. Sizes: 12"–26" long Variations: White, brown, or almond slides come 10"–24" long in bottom/side-mount (shown) or side-mount versions. Comments: An economical alternative to full-extension slides, they also require the same ½" side clearances. These slides allow more play in the drawer movement than full-extension slides, so use ⅛" reveals.</p>
	<p>Full-extension slides Cost: \$7–\$22.50 per pair for slides up to 100-lb capacity; up to \$330 per pair for heavy-duty, 500-lb-capacity slides. Load capacity: Most support 100 lbs. Sizes: 12"–28" long in the 100-lb capacity Variations: Over-travel slides support the drawer outside the cabinet. Self-closing slides pull the drawer fully closed. Mini slides fit a ⅜" side clearance for small projects. Comments: Unlike the European-style slides, these don't have a right- or left-hand side. They allow less movement, permitting ⅛" reveals around inset drawers.</p>

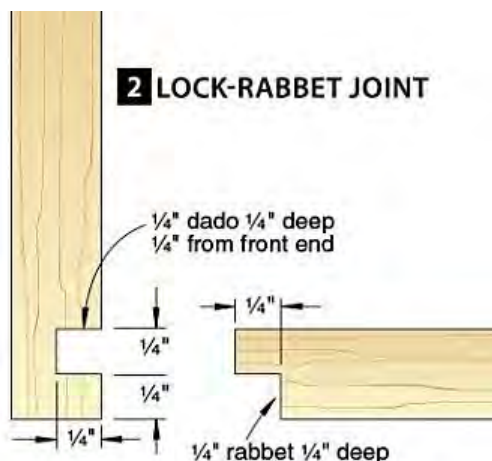
■ **Materials.** Economise by making drawer boxes out of less-expensive materials than the rest of your project. We like poplar for its strength, light weight, and low price. For drawer bottoms, we prefer Baltic birch plywood. It's strong, doesn't expand like solid wood, and measures a consistent ¼" thick. (See the **Shop Tip below**.)

SHOP TIP For grooves that fit, check drawer-bottom stock

Not all sheet goods sold as ¼" stock measure a true ¼" thick. If you don't discover that until after you cut the drawer-bottom grooves, the rattle coming from your finished drawers will serve as a constant reminder. For example, the lauan plywood *below* measures close to 13/64", thin enough to fit loosely. Even today's hardboard sheets measure too thin for a tight fit. The Baltic birch plywood, *following*, comes closer to a true ¼", even though it's typically manufactured in metric dimensions (¼" equals 6.35mm). For another source of ¼"-thick drawer bottom stock, try MDF-core plywood.

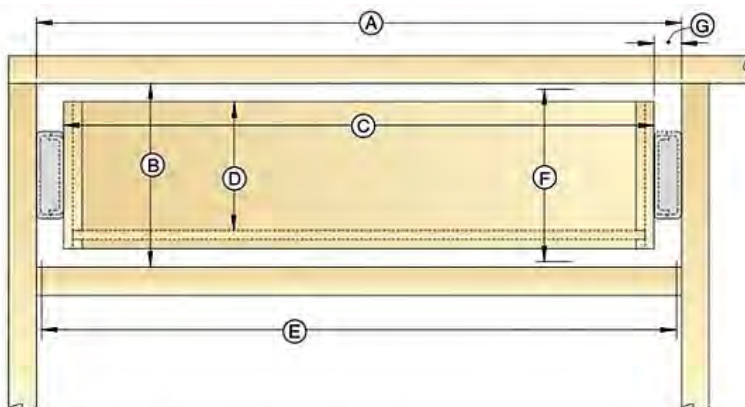


▪ **Joinery.** Dovetails produce sturdy, attractive joints, but they're time-consuming. Lock-rabbet joints [Drawing 2, below] also provide plenty of mechanical and glue strength and can be cut quickly on a table saw without special jig



Size the drawer to fit the hole

Now, you're ready to calculate the drawer-box dimensions using the formulas in **Drawing 3, below**. Begin by measuring the cabinet opening width (A) and height (B). Full-extension slides typically require $\frac{1}{2}$ " clearance on each side, so calculate the box width (C) by subtracting 1" from dimension (A). The box height (D) can vary to suit your needs.



Use this front view of a cabinet section to help calculate drawer-part sizes to fit your project:

- Drawer-box width: C equals A minus 1". (This assumes $\frac{1}{2}$ " drawer-slide clearances G on each side. Check your drawer slide instructions for any variations.)
- For the drawer fronts, the length E equals A minus $\frac{1}{4}$ " (for two $\frac{1}{8}$ " reveals). The width F equals B minus $\frac{1}{4}$ ".
- We show the drawer-box height D with the same clearances as the width, but you can vary this to suit your preferences.

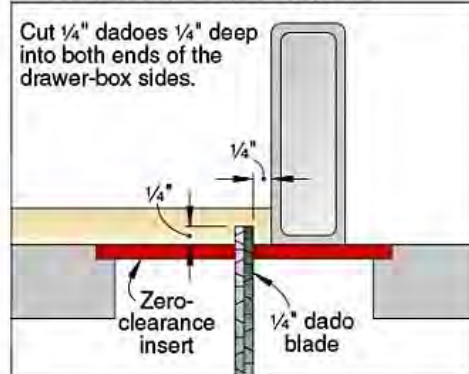
For an easy way to remember how long to cut your box parts to allow for the lock-rabbet joints, just subtract $1\frac{1}{2}$ " from (A) and from the box length. To calculate sizes for the drawer front, subtract $\frac{1}{8}$ " to $\frac{1}{4}$ " from dimension (A) and (B) when using full-extension slides, or $\frac{1}{4}$ " when using European-style slides.

Cut the drawer-box parts

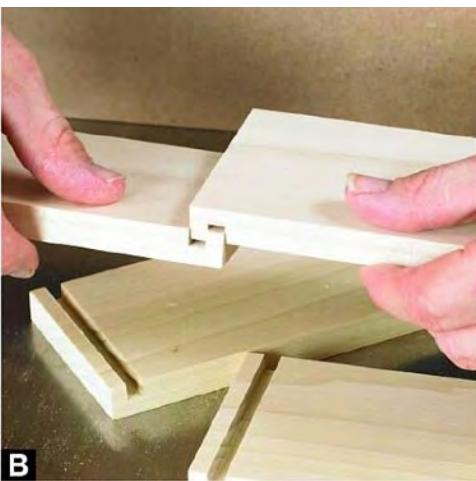
Consistent cuts yield tight-fitting, square drawers, so use stops instead of a measuring tape when cutting drawer parts to length **[Photo A, below]**. For a project with multiple drawers, cut all box fronts, backs, and side pieces in groups. Also, cut extra parts to test your setups to make the lock-rabbet joints.



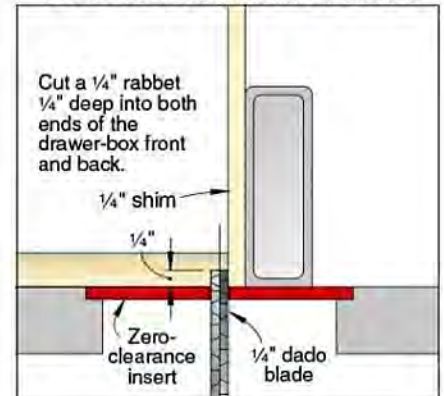
4 DRAWER SIDE DADO SETUP FOR LOCK-RABBET JOINTS



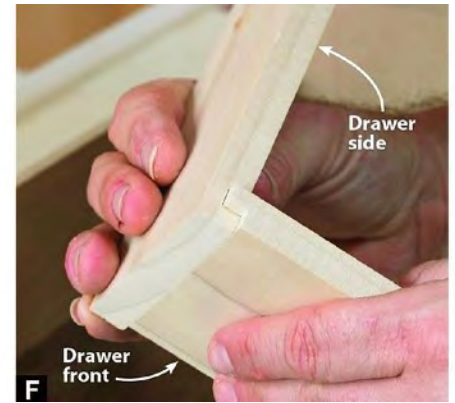
To dado the box sides for the lock-rabbet joint, first cut a 3"-wide spacer the length of your rip fence from $\frac{1}{4}$ " stock. Install a $\frac{1}{4}$ " dado blade, set the rip fence $\frac{1}{4}$ " from the blade, and lock the blade $\frac{1}{4}$ " high **[Drawing 4, above]**. To test the fence position and blade height, cut dados into two scraps **[Photo B, below]** and check that they join snugly end-to-end. Once you achieve a tight fit, dado both ends of each drawer side **[Photo C, following]**.



5 DRAWER FRONT AND BACK DADO SETUP FOR LOCK-RABBET JOINTS



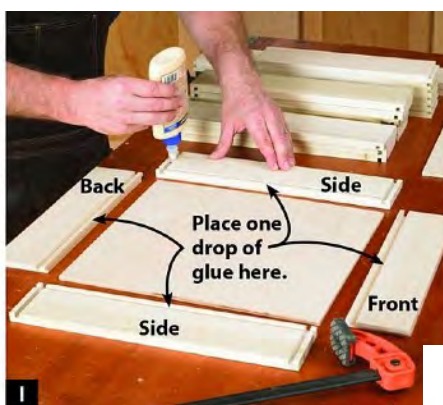
To rabbet the box fronts and backs, attach the $\frac{1}{4}$ " shim to the fence using double-face tape **[Drawing 5, right]**, and then rabbet the end of a scrap **[Photo D, below]** to test the fit with the dados cut in the previous step. Next, cut a rabbet on both ends of each drawer front and back. Fine-tune the fit using a block with 120-grit sandpaper on one face **[Photo E, following]**. The joint should fit together with moderate hand pressure **[Photo F, beneath]**.



To set up your table saw to cut the drawer-bottom grooves, simply remove the $\frac{1}{4}$ " shim without moving the fence. Then, cut grooves into the inside faces of all four pieces of each box **[Photo G, below]**. Check the alignment of the box front, back, and sides using a piece of drawer-bottom scrap **[Photo H, following]**. Dry-assemble the box, and measure the inside length and width. Add $\frac{7}{16}$ " to each of those dimensions, and cut the drawer bottoms to that size.



To assemble the drawers, apply glue to both dados in a side piece **[Photo I, below]**. To keep plywood drawer bottoms from rattling, add a drop of glue at the centre of each piece's drawer-bottom groove. Insert the front and back pieces into the dados on a side piece, add the drawer bottom and then the other side piece **[Photo J, following]**, and clamp all four joints. Measure both diagonals **[Photo K, beneath]** to verify that the boxes are square.

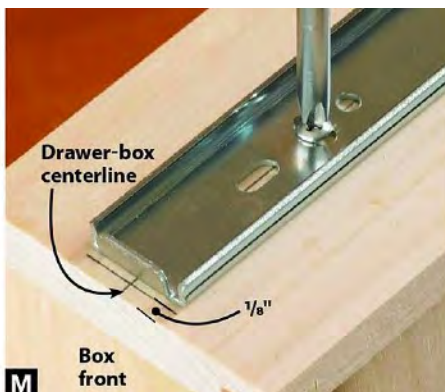


Install the drawers

To mount full-extension drawer slides, first measure and mark the cabinet or case with centrelines where each drawer slide will be mounted **[Photo L, below]**. Then, mark height centrelines on both sides of each drawer.



Next, remove the drawer-mounted part of the slide from the slide assembly that will mount on the case. The front of the case-mounted slide part rests $\frac{7}{8}$ " from the front edge of the case— $\frac{3}{4}$ " for the drawer front plus a $\frac{1}{8}$ " margin to keep the drawer slide from bottoming out as it closes. The box-mounted slide part mounts $\frac{1}{8}$ " from the front end of the box side. Both the drawer-slide parts that attach to the cabinet and the part that attaches to the drawer **[Photo M, below]** use slotted holes to allow adjustments. Mark the locations of the mounting screws within these holes, drill $\frac{3}{32}$ " pilot holes (for #6 panhead screws) into the hardwood pieces, and mount the slide parts onto the drawers and the carcass **[Photo N, following]**, with the screws centred in the slotted holes. Now, insert the drawers, and check that the slides operate smoothly.



Attach the drawer fronts

Before attaching drawer fronts to the boxes, cut about a dozen 1×3" spacers from $\frac{1}{16}$ "-thick strips for full-extension drawer slides or $\frac{1}{8}$ "-thick strips for European-style slides. Attach double-faced tape to the box to temporarily mount the drawer front, and use spacers to leave a consistent gap around the drawer front. With the spacers inserted as shown **[Photo O, below]**, press the drawer front against the box, push the drawer out from the back, and reinforce the tape with a clamp. Then remove the drawer with the clamp still attached, and insert two mounting screws from inside the box, as shown **above**. Repeat for the remaining drawer fronts.



If you want a knob or pull on the drawer front, remove the mounting screws, and detach the front from the box. Mark where you want the hardware, then drill the mounting-screw holes. Counterbore the holes into the back side of the drawer front so the screws sit flush **[Photo P, below]**. Use the holes to temporarily screw the drawer front to the box **[Photo Q, following]**, and reinsert the two mounting screws to attach the drawer front onto the box.

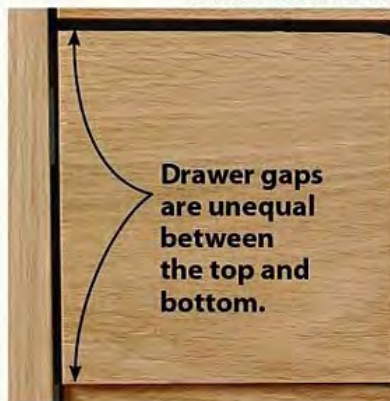


Once you've finished your project **[Photo R, below]**, you may need to fine-tune the slide adjustments. See "Troubleshoot Misaligned Drawers" **below** for tips on getting drawers flush and even.

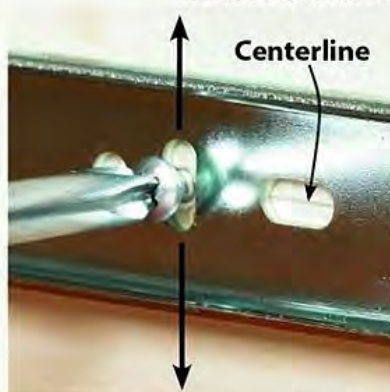


Troubleshoot misaligned drawers

When a drawer front does this...



...here's where to fix the problem.



To fix drawers with unequal reveals on the top or bottom, loosen the screws attaching the slide to the drawer box and raise or lower the slide as needed.



When a corner of the drawer front doesn't rest flush with the case, remove the drawer box and shift the case-mounted slide assembly forward or backward.

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Timber Tales by Bruce Chapman

For Sale -

A list of the timbers available in each bay.

- | | |
|--|---|
| 1- Quandong (new) | 12- Mixed timbers donated |
| 2- - Norfolk Island Pine | 13- Tallowwood (very low stock) |
| 3- Unknown species from local rainforest (new) | 14- Paulownia/ Atherton Oak |
| 4- Silky Oak | 15- Pink Cedar (low stock) |
| 5- Silky Oak | 16- African Mahogany / White Walnut (low stock) |
| 6- Silky Oak | 17- Paulownia / Atherton Oak |
| 7- Silky Oak | 18- Jacaranda |
| 8- Silky Oak | 19- Camphor Laurel |
| 9- Silky Oak | 20- Camphor Laurel |
| 10- Swamp Cypress | 21- Camphor Laurel |
| 11- Swamp Cypress | 22- Camphor Laurel (new stock added) |
| | 23- Mexican Bean |
| | 24- Silver Ash |
| | 25- Mango |
| | 26- Mango |

Outside the green shed is wood for the turners and some slabs
Slabs available are: Avocado, Jacaranda and Silky Oak

Drying Rack

NOT

AVAILABLE for purchase. Timber here is stabilised after taken from kiln. Generally moved to sales area in one week. Please keep the front of this area clear. We need to access the timber here every Friday.

Courses

It's time to start courses again for the new year and first off is Boxmaking. This is a Saturday course which will begin on Saturday 29 January and run for 6 weeks - cost \$30. Sign-on form is on the Shed noticeboard.

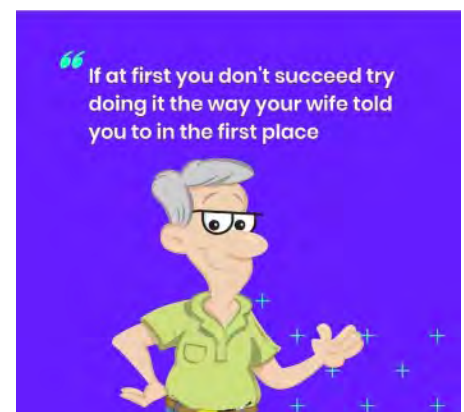
Next is a Woodturning course with Leigh Boynton on Monday mornings and the form for that is also on the noticeboard.

Our new Carbatec Scrollsaw has arrived and if you need instructions on its use please tap Max on the shoulder on Wednesday morning. A Basic Scrollsaw course will begin on Wednesday mornings from 09/02 and the sheet for that is also on the board.

Michael Mogy of Hardware for Creative Finishes is champing at the bit to show us his range of products.

Check out his website www.veneereinlay.com.au to see his extensive range of hardware and information on veneer inlays, boxmaking hardware etc. Michael will join us on Wednesday 2/2/22 after smoko with a large range of his products. If there is anything specific that you would like him to bring, drop him a line at michael@veneereinlay.com.au

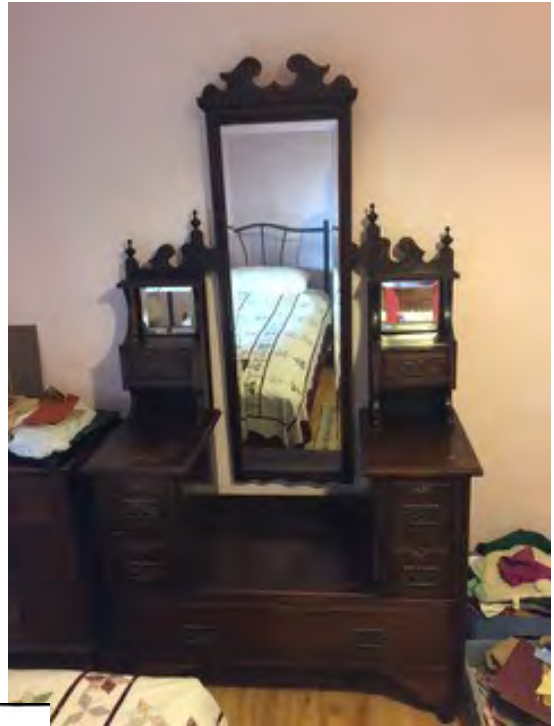
Amazing night in Emasalo, Finland..



I have this old dresser I haven't room to keep and was thinking that someone at Woodies might like it as a restoration project. I don't want money for it.

All solid timber, no deep scratches, all original parts still attached including brass drawer handles. I have had it exactly fifty years- time to pass it on somewhere! I don't know the timber - bought in NZ

Philippa Hume <philippahume51@gmail.com>



Perhaps the largest tree ever felled by a human being, this Douglas-fir was brought down by George Carey (on the ladder) and his crew in 1895. The tree, reputed to be 417 ft. tall, grew on Vancouver Island, British Columbia.

John Muller sent me this photo of a Douglas-fir tree, felled in Vancouver Island, BC
417 feet tall isn't bad!



How Sheep Get Away With Murder



Who's Who in BRWG Inc 2020-2021

Patrons - Andrew Powell MP, Andrew Wallace MP, Winston Johnston (Local Councillor)		
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Vice President	Julie BREEN	
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Asst Secretary		
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Asst Treasurer	Danny NOLAN	
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Projects Officer	Kev DEVLIN	
Librarian	Max BARRENGER	
Social Media	Sarah ODGERS	
Timber Management	Bruce CHAPMAN & Ron DONALD	
MVA Sportsground Committee Representatives	Keith CARTER, Max BARRENGER	



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