

How to use

Fieldcraft Heritage

Step-by-step instructions for every part of the app. Button names are shown in **bold**, just as they appear on screen. Stuck on a screen? Tap the gold **?** at the top of it for help right there.

01

Getting started

Open the app and add it to your home screen

- 1 Open **wildliferelicguild.com/fieldcraft-heritage.html** on your phone.
- 2 Android (Chrome): tap the **:** menu, then **Add to Home screen** or **Install app**.
- 3 iPhone (Safari): tap **Share** (on newer iPhones it is inside the **...** menu), then **Add to Home Screen** and **Add**.
- 4 From now on, open it from the icon like any other app.

TIP The first time it opens you'll see seven short welcome slides. Replay them any time from **? How to Use** on the Home screen.

TIP A few seconds after the first launch your phone may ask about notifications. Either answer is fine.

Help, Day mode and the bottom bar

- 1 Tap the gold **?** ball at the top right of any screen for help with that screen. Pop-up forms have their own small gold **?**.
- 2 Tap **☀ Day** to switch to a high-contrast look for bright sunshine. Tap it again to switch back.
- 3 Use the bottom bar to move around: **Home**, **Session**, **Finds**, **Intel**, **Settings** and **Gallery**. **Session** only works while a dig is running.

What needs signal

- 1 Logging finds, hazards, marks, notes and your walk works with no signal at all.
- 2 Maps, weather, place search, the welcome pictures, Sync and the Field Memory write-up after five sessions need signal or wi-fi.

TIP Before heading somewhere with poor signal, tap **Cache Map** on the Home screen while you still have signal.

02

Permissions

Add a permission

- 1 Go to **Settings** and tap **+ Add Permission**. (On a brand-new app, **+ Permission** on the Home screen does the same.)
- 2 Type a **Permission Name** (required) and, if you like, the **Landowner**.
- 3 Under **Location**, type a village, town or postcode and tap **Search**, then pick the right result. If you're standing on the land, tap  **Use Current GPS Location** instead.
- 4 A satellite map appears. Drag the gold pin, or tap the map, to put it exactly on your permission.
- 5 Add any **Notes** (access, parking, contact details) and tap **Save Permission**.

TIP You can save without a location, but the maps will show a general area until you add one.

TIP Two permissions can't have the same name.

Edit, delete or switch permission

- 1 Go to **Settings**, find the permission under **Permissions** and tap **Edit** or **Delete**.
- 2 With two or more permissions, the Home screen shows a row of permission names. Tap a name to switch to it,  to edit it or  to delete it.

TIP Deleting a permission doesn't delete the finds and sessions you recorded there.

Your detector

Register your detector

- 1 Go to **Settings** and tap **Register Your Detector** (or  **Manage Detectors**, then **+ Register a Detector**).
- 2 Choose it from **Select Detector**. If it isn't listed, pick **Other / Not Listed** and type its name.
- 3 Optionally add the **Serial Number** and a photo of the serial plate with  **Camera** or  **Library**.
- 4 Tap **Save Detector**.

TIP Once registered, the settings screens use your detector's own modes and ranges.

TIP To remove one, tap **Remove** next to it in the detector list.

Log your detector settings

- 1 When you start a session you're asked for your settings. Fill in what you use, then tap ► **Start Session**, or tap **Skip — start without settings**.
- 2 Changed something on the detector mid-dig? Tap  **Log Settings** on the session screen, update it and save. Every find after that is tagged with the new settings.
- 3 For discrimination, open  **Discrimination Grid** and tap squares: gold means accept, dark means reject.

TIP Intel compares your finds against the settings you entered at the start of each session, so it's worth filling those in.

Before you go

Read the conditions on Home

- 1 The strip at the top of Home shows temperature, wind, pressure, ground moisture, soil temperature, rain, moon and sunrise/sunset. Swipe it sideways for more.
- 2 The rating chip at the top right (Excellent to Very Poor) sums up detecting conditions. Tap ▼ to see the score and why.
- 3 Underneath, Field Memory tells you what your past sessions on this permission showed in similar ground.

TIP Weather is for where your phone is now, so check it when you get to the field.

Pre-Trip Plan

- 1 On the Home permission card tap **Pre-Trip Plan**. During a dig, tap  **View Plan** to open it.
- 2 Switch the map with **SAT**, **STREET**, **OS** (Ordnance Survey 1888) and **LIDAR** (Environment Agency hillshade, England only). Bumps, banks and old ditches show up well on LIDAR.
- 3 Your previous walks are drawn in colour, with the newest in yellow.
- 4 To mark spots to try: tap  **Drop Pin**, type a note in **Pin note...** first if you want one, then tap the map. Drag a pin to move it, or tap it and choose **✕ Delete**. Tap **✕ Stop** when you're done.
- 5 Under  **Historic Maps**, open older maps for this exact spot, including the OS Old Series from 1798.
- 6 Type anything you want to remember under **Planning Notes** and tap **Save Plan**.
- 7 Tap **Close** when finished.

TIP Deleting a pin doesn't ask you to confirm.

Save the map for offline use

- 1 While you still have signal, tap **Cache Map** on the Home permission card.
- 2 Wait for **Map cached — ready offline**.

In the field

Start a session

- 1 On Home, choose your permission and tap → **Start Session**.
- 2 Log your detector settings, or tap **Skip — start without settings**.
- 3 The session screen opens and starts recording your walk.

TIP If the app gets closed mid-dig, it reopens straight into the same session with your walk intact.

Quick Dig: club digs and one-off sites

- 1 On Home tap → **Quick Dig** or **Attending a Dig** → .
- 2 Type a **Dig Name**.
- 3 Optionally set a **Location** with **Search** or  **Use Current GPS Location**, and drop planning pins.
- 4 Tap → **Start Session**.

TIP A Quick Dig isn't saved as a permission, but every find is kept in your Finds.

Before you dig card

- 1 At the top of the session, tap the ground you're on today: **Ploughed**, **Cultivated / drilled**, **Stubble** or **Grass / pasture**.
- 2 Tap  **Field photo** to take a GPS-stamped picture of the field.
- 3 Tap **Done ✓**, or **Later** to hide the card.

TIP Recording the ground each time is how Field Memory learns which ground is best.

Log a find

- 1 Tap the big **Log Find** button the moment you dig something.
- 2 Wait for **GPS Locked**. If it says GPS unavailable, step into open ground and tap  **Retry GPS**.
- 3 Optionally enter the signal: the **VDI** number, plus **Stability** and **Tone**.
- 4 Tap **Photograph Your Find**. Add more photos with **Back / more** or **Library** (up to six).
- 5 Enter the **Depth (cm)** and choose **Coin**, **Relic** or **Unknown**.
- 6 Add notes, or tap  **Dictate** and speak.
- 7 If it's rubbish, tap **Mark as Scrap**.
- 8 Tap  **Save Find**.

TIP  **Save Find** only works once GPS has locked and a type is chosen.

TIP Material, period, weight and size are added later in Enrich (see Your finds).

TIP Typing the VDI lets the app tell you what that number has turned out to be on this ground before.

Flag a hazard

- 1 Tap  **Hazard**.
- 2 Pick the type, for example Ditch, Elec. Fence or Bull.
- 3 Drag the pin or tap the map to put it in the right place.
- 4 Add notes or a  **Voice Note** if useful, then tap  **Save Hazard**.

TIP Hazards stay on this permission's maps for every future visit.

Mark a spot (including Come Back)

- 1 Tap  **Mark**.
- 2 Pick a type: Promising, Iron Patch, Boundary, Hot Spot, **Come Back**, Water or Note.
- 3 Place the pin, add a note and tap  **Save Marker**.

TIP Come Back spots show as blue  pins on later visits. Tap one and choose ✓ **Dug — found something** to log a find right there, or ✓ **Dug — nothing there** to clear it.

Field notes

- 1 Tap  **Notes**.
- 2 Type how the detector and ground are behaving, or tap  **Dictate** to record your voice. Tap it again to stop.
- 3 Tap **Save Field Note**.

TIP In Field Notes,  **Dictate** saves a voice recording. It doesn't turn speech into text.

Using the session map

- 1  **Centre** jumps the map to where you are.
- 2  **Trail On/Off** shows or hides the line of today's walk.
- 3  makes the map full screen.
- 4 **SAT**, **STREET**, **OS** and **LIDAR** change the map, the same as in Pre-Trip.
- 5 Tap a find pin to see it, then tap its photo to view it full screen. Hazard and mark pins can be dragged to correct them.
- 6  **Re-ping GPS** gets a fresh position fix if your position dot looks wrong.

Pocket mode: accurate walk tracking

- 1 Tap 🌙 **Pocket** before putting the phone in your pocket.
- 2 The screen goes black, ignores taps and keeps recording your walk.
- 3 To get back, swipe up firmly on the screen.

TIP If the screen switches itself off, many phones stop sending GPS and your walk line gets gaps. Pocket mode keeps the screen awake but black, so the line stays accurate.

End the session

- 1 Tap **End**, then **End Session**. Tap **Keep Detecting** if you change your mind.
- 2 The Session Complete screen opens (see After the dig).

TIP Everything is saved as you go, so ending never loses anything.

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After the dig

Session Complete

- 1 If you found anything, the film roll shows each find in turn. Use **Next** → and ← **Previous**, and **Summary** → to reach the summary.
- 2 The summary shows a map of your walk and finds, today's finds, field notes and whether the app's advice held.
- 3 Tap a find to enrich it. Press and hold a find to delete it.
- 4 Tap **Continue** → when you're done.

TIP Next, the app offers a backup. Tap ↓ **Back Up Now** to save a backup file of all your data to your phone's Downloads, or **Skip this time**.

Report to your FLO

- 1 On Session Complete tap ☒ **Contact FLO**.
- 2 Tick the finds to report, then tap **Continue**.
- 3 Choose your county under **Select Your FLO**, or type their email.
- 4 Check **Your Name** is correct.
- 5 Tap  **Share with photos** to send through your email app with photos attached, or **Open in Mail App** → for text only.

TIP FLO reports include the permission name and each find's position, because the FLO needs them to record the find properly.

Share with your dig leader

- 1 On Session Complete tap ☒ **Share with Dig Leader**.
- 2 Untick anything you don't want to include.
- 3 Enter the dig leader's email and your name.
- 4 Tap  **Share with photos** or **Open in Mail App** → .

TIP This report has no location and no permission name.

Share online (Facebook groups, forums)

- 1 Tap  **Share online · no location**. You'll find it on Session Complete, and on each session in Finds → Sessions.
- 2 Untick any finds you don't want to show. Scrap starts unticked.
- 3 Edit the post text if you like, and choose whether to ☒ **Include depths**.
- 4 Tap  **Share** and pick the app to post with.

TIP No farm name, location, map links or notes are included, and the GPS data is removed from the photos.

Your finds

Browse sessions and finds

- 1 Open **Finds** from the bottom bar.
- 2 **Sessions** lists every dig, newest first. Tap one to open it, see its finds, set the ground type, or add or replace the field photo.
- 3 **All Finds** lists every find you've logged.
- 4 **Map** shows all your finds and walks. Switch between **Finds**, **Trails** and **Both**, and tap a pin or a walk for details.

TIP 🗑 **Delete this session** only appears on finished sessions with no finds.

Enrich a find: photos, material, weight and size

- 1 Tap any find to open **Enrich Find**.
- 2 Add field photos and **Cleaned photos** (front, back, side...) with 📷 **Another** or 📖 **Library**, up to six of each.
- 3 Fill in **Name / Description**, **Material**, **Period**, **Weight (g)**, **Length / Ø (mm)** and **Width (mm)**.
- 4 Tap **Save Record**.

TIP Tapping outside the form closes it without saving, so always tap **Save Record**.

TIP A cleaned photo makes a big difference to an FLO.

Zoom, scale and measure photos

- 1 Tap any photo to open it full screen.
- 2 Pinch, double-tap or use **- +** to zoom, and drag to look around. Swipe to the next photo.
- 3 To add a size scale (from Enrich Find): tap  **Scale**, tap both edges of a coin in the photo, then pick that coin (1p, 2p, 5p, 10p, 20p, 50p, £1 or £2).
- 4 With a scale set, tap  **Measure**, tap both ends of the find, then tap **Set as length** or **Set as width**.
- 5 Back in Enrich Find, tap **Save Record** to keep the scale and sizes.

TIP Photos with a scale show a scale bar, and it's included when you share them online.

Add a past find

- 1 In Finds → **All Finds** tap **+ Add a past find**.
- 2 Pick the permission, then tap the map where it was found.
- 3 Fill in **What is it?** and **Year found**, plus anything else you know.
- 4 Tap **Save past find**, or **Save & add another**.

TIP Past finds show on your maps but don't count towards session statistics.

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Intel: learn your land

What Intel shows

- 1 Open **Intel** from the bottom bar.
- 2 Your totals sit at the top.
- 3 **Field Memory** shows what each permission has taught the app: typical depth and finds per km in different ground, and how often its advice was right.
- 4 Further down are **By Material**, **Depth Analysis**, **Conditions vs Finds** and **Detector Settings vs Finds**. These fill in as you log more sessions.

TIP Most comparisons need at least two finished sessions. The more you log, the better it gets.

Draw your fields

- 1 In Intel, find **Fields · Finds per km** and tap  **Draw your fields**.
- 2 Tap **+ Draw a field**, then tap round the edge of the field. Your old walks show faintly to help.
- 3 Name it and tap  **Save field**.
- 4 Intel then compares finds per km walked in each field.

Maps in Intel

- 1 **Finds Map** shows where your finds cluster. Tap  **Tap to interact with map** first, then zoom in to see individual finds.
- 2 **Hazards & Marks Map** shows every hazard and mark. Drag a pin to correct where it is.
- 3 **Contact Your FLO** saves your local FLO's details and starts a general email.

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Diary

Plan digs and reminders

- 1 On the Home welcome screen tap  **Diary**.
- 2 Tap the gold **+**, choose a **Type** (Dig, Permission, Reminder, Equipment, Settings or Note), set the **Date** and write a **Note**.
- 3 Tap **Add to Diary**.
- 4 Tap  to tick an entry off, or  to delete it. Use **Upcoming**, **Done** and **All** to filter.

TIP Overdue entries are marked . Deleting doesn't ask you to confirm.

Gallery and banner photos

Gallery

- 1 **The Art** has eleven historical paintings, each with the story behind it.
- 2 **My Photos** is your own field album. Use  **Take Photo** or  **From Library**.
- 3 Tap  on a photo to label or delete it, or ↓ to save a copy.

Use your own banner photos

- 1 Tap the  on a screen's header picture.
- 2 Choose a photo. To go back later, tap  again and choose  **Use the original**.

Backup, sync and laptop planning

Back up and restore

- 1 Go to **Settings** → **Data & Backup** and tap  **Back Up My Data**. A backup file with all your data, photos included, saves to your phone.
- 2 Keep a copy somewhere safe, for example email it to yourself or put it on cloud storage.
- 3 To restore, for example on a new phone, tap  **Restore from Backup** and choose the file.

TIP Your finds live on your phone. Without a backup or Sync they can't be recovered if the phone is lost.

TIP Restoring adds to what's already on the phone. It doesn't wipe anything.

Sync (optional)

- 1 Go to **Settings** → **Sync** and choose whether this device is your  **Phone** or  **Laptop**.
- 2 Make up a passphrase of at least 10 characters and type it twice. Use the same one on both devices.
- 3 Tap **Set up sync**, then  **Sync now** whenever you like.

TIP Your data is scrambled with your passphrase before it leaves the phone, so the server can't read it.

TIP Write the passphrase down. If you lose it, it can't be reset.

Plan on a laptop, detect on the phone

- 1 Open the app on your laptop and add your permissions, planning pins and fields.
- 2 On the laptop go to **Settings** → **Laptop Planning** and tap **↓ Export plan for phone**.
- 3 Send that file to your phone, then tap **↑ Import plan from laptop** and choose it.

TIP Importing a plan never touches your finds, sessions or walks.

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What gets shared where

Your location stays private

- 1 **Share online** and **Share with Dig Leader** leave out the farm name and location, and online photos have their GPS removed.
- 2 Sharing a single find or a field photo also leaves out the farm name and position.
- 3 **FLO reports** include the permission name and find positions, because recording them properly depends on it.
- 4 Everything else stays on your phone unless you set up Sync, which encrypts it first.

Free, always

Support a good cause

- 1 Fieldcraft Heritage is free, with no ads and no subscriptions, and we never handle any money.
- 2 If it helps you, tap **Free, always** · ♥ **Support a good cause** on the Home screen, or open **Settings**.
- 3 Choose **Donate to the British Heart Foundation** or **Support Mossy Earth's rewilding**. You give directly on their own website.

Fieldcraft Heritage is free, made by a hobbyist for hobbyists. Questions or ideas: waller642@gmail.com · wildliferelicguild.com