

Index to Volume 8

Notes

1 Location references are expressed as **vol no.** followed by page no.

2 Illustrations, maps and plans have *italic* page numbers. There may also be textual references on these pages.

a

Aberdour, Fife, terraced gardens **8.172**

Abertay Historical Society **8.140**

Aberuthven, Perthshire **8.179**

Adam, William **8.179**

aerial photography

Castle Menzies enclosure,
Perthshire **8.13**

Cromwell's citadel, Perth **8.151**

Dubton Farm, Angus: Neolithic/Iron

Age **8.19, 8.21, 8.29, 8.34**

Duncrub, Perthshire: lithic scatter **8.2**

Fletcherfield, Strathmore, Angus:

souterrain **8.103, 8.104**

Kinross House: walled garden **8.169,**

8.170

'southern Pictland' souterrains **8.77,**

8.79

Tentsmuir Forest, Fife **8.140**

agriculture

improvements late 18th/19th

centuries **8.183, 8.196, 8.197**

Iron Age crop processing **8.60–8.61,**

8.68

modern damage: lithic scatters **8.2**

modern plough damage: souterrain

8.103, 8.104

Neolithic crop processing **8.53, 8.61,**

8.68, 8.69–8.70

Perth area crops **8.163**

see also plant cultivation

Ainslie, John

1775 map **8.170, 8.196**

1805 map **8.183**

airfield: Leuchars **8.140**

Airlie, Earl of **8.98**

Airlie Castle **8.98**

alder charcoal **8.5**

Dubton Farm, Angus **8.49, 8.50, 8.51**

Shanzie Farm, Perthshire **8.84, 8.95,**

8.98

Allen, Romilly, carved stonework **8.111**

amber ring, Shanzie Farm, Perthshire

8.84, 8.88, 8.91, 8.92, 8.93, 8.98

Anderson, Joseph, early carved

stonework **8.111**

Andrew Thom Joinery **8.127**

animal bones *see* bone, animal

animal burrowing damage

Dubton Farm, Angus **8.28**

lithic scatters **8.2**

animal husbandry, poultry **8.183**

animal remains *see* bone, animal

animal representation, Wemyss Caves

carvings **8.112, 8.113**

Annandale, Lord **8.170**

Anstruther, Sir Wyndham **8.196**

Anstruther Wester, Fife: fish pond at

Marsfield **8.185, 8.187, 8.189**

antler, Wemyss Caves **8.111, 8.119**

Antonine period **8.80, 8.97**

AOC Archaeology Group, Elie Granary

timbers **8.191, 8.195**

apple/pear wood remains **8.50**

aquaria, and salt-water fish ponds

8.184, 8.187

Arbuthnot, James, druggist **8.183**

Archaeological Projects Glasgow (APG)

8.119, 8.120

architectural stone, Roman: Shanzie

Farm, Perthshire **8.88, 8.89, 8.92–**

8.93, 8.97

Ardestie, Angus

prehistoric pottery **8.94**

souterrain **8.80**

Ardross, Fife **8.121**

Armada, W Lothian, brickworks **8.175**

Arran, lithics **8.5, 8.43, 8.45, 8.47**

Atlas Brickworks, Armadale **8.175**

Auchenlaich, Stirlingshire **8.16**

Auchlishie, Angus **8.94**

axe, stone **8.47**

Ayr

Cromwellian citadel **8.145, 8.153**

New Bridge Street (No. 12) **8.159**

b

Balbridie, Aberdeenshire **8.47, 8.61, 8.73**

Balfarg, Fife, henge **8.48**

Balgavies, Angus, Henry collections

8.43

Ballendrick, Perthshire, lithic scatter **8.1,**

8.2, 8.8, 8.9

Balloch, nr Shanzie, Perthshire **8.80**

Baltic trade, in timber **8.195, 8.196, 8.197**

Bannockburn, Stirlingshire

enclosure **8.16, 8.17**

lithics **8.49**

see also Cowie Road

Bantry Bay, Ireland, salt-water fish ponds

8.186

Barbauchlaw Brickworks, Armadale

8.175

Barclay, Gordon J, lithic scatters,

Perthshire **8.1–8.9**

Bark Cave, East Wemyss **8.121**

see also Court Cave

barley (bere), cultivation **8.163**

barley remains

Dubton Farm, Angus **8.53, 8.60, 8.61**

hulled

carbonised, Shanzie Farm,

Perthshire **8.84, 8.87, 8.95,**

8.97

Dubton Farm, Angus **8.52, 8.53,**

8.60, 8.61, 8.68

Shanzie Farm, Perthshire **8.98**

Barns of Airlie, Strathmore, souterrain

8.104, 8.108

barrows

Dalladies, Angus **8.16**

Fordhouse **8.43**

bastion of Cromwell's citadel, Perth *see*

Cromwell's citadel

bead, glass, Shanzie Farm, Perthshire

8.84, 8.90, 8.91

Beckton Farm, Dumfries and Galloway

8.70

beer bottles, Cromwell's citadel, Perth

8.161

Bell, John, 1796 map **8.170**

Bennybeg, nr Crieff, Perthshire,

cropmark enclosure **8.16**

bere (barley), Perth area **8.163**

Biggar Common, Clydesdale, South

Lanarkshire, pottery **8.39, 8.41**

birch charcoal

Dubton Farm, Angus **8.49, 8.50, 8.51,**

8.68

Shanzie Farm, Perthshire **8.84, 8.95,**

8.98

Birmingham **8.156**

Birnie, Moray, horse equipment **8.93**

Black, Capt. James **8.185–8.186, 8.187**

blacksmithing, Shanzie Farm, Perthshire

8.84, 8.86, 8.88, 8.92

blades

flint

Dubton Farm, Angus **8.45, 8.46,**

8.47, 8.70

Nethermuir **8.6, 8.7, 8.8**

Upper Gothens **8.4**

Neolithic, Dubton Farm, Angus **8.48**

Blaeberry, Perthshire *see* Duncrub

Blairhall Burn, Dumfriesshire, Neolithic pottery **8.41**

Blenheim Palace, Oxfordshire **8.172**

Boarhills, Fife **8.127**

Boghead, Moray, prehistoric site **8.41, 8.61**

bone, animal

Cromwell's citadel, Perth **8.154, 8.161, 8.165**

Dubton Farm, Angus **8.49**

mammal tooth **8.19, 8.49**

Wemyss Caves **8.111, 8.112, 8.113, 8.114, 8.117, 8.118, 8.119, 8.120**

bone, burnt

Dubton Farm, Angus **8.29, 8.49**

Shanzie Farm souterrain **8.84, 8.86**

bone, human

Cromwell's citadel, Perth **8.154, 8.161–8.162, 8.165**

Dunino churchyard, Fife **8.127–8.128, 8.129, 8.131, 8.132**

Wemyss Caves **8.120–8.121**

bone objects

Constantine's Cave **8.114**

Wemyss Caves **8.121**

bottle glass, Cromwell's citadel, Perth **8.155**

Bowler, David, Dunino churchyard, Fife **8.125–8.137**

Brackmont Farm, Tentsmuir Forest, Fife **8.140**

Brackmont Mill, Fife, Neolithic pottery **8.41**

Bradley, Richard, fieldwalking **8.1**

bread wheat, Dubton Farm, Angus **8.53, 8.60, 8.61**

Brechin, Angus **8.197**

brickworks, Armadale area **8.175**

bridle bits, copper alloy **8.84, 8.93, 8.97, 8.98**

brochs

Hurly Hawkin **8.98**

Kettleburn, Caithness **8.93**

Bronze Age **8.93, 8.95**

flint scatters **8.5**

Wemyss Caves carvings **8.111, 8.112, 8.121**

bronze objects, Shanzie Farm, Perthshire **8.90, 8.91, 8.93, 8.94**

brooch, copper alloy, Cromwell's citadel, Perth **8.156, 8.157**

Bruce, Sir George, coal and salt works **8.184**

Bruce, John (son of Sir William) **8.170**

Bruce, Sir William, Kinross House **8.170, 8.179, 8.180**

Buckhaven High School, Fife **8.111**

buckles, copper alloy, Cromwell's citadel, Perth **8.157, 8.158, 8.164**

building materials

Dunino church, Fife **8.135**

Dunino churchyard, Fife **8.134**

Buittle, Kirkcudbright **8.93**

burials

Caipie Caves **8.113, 8.114**

Dunino churchyard, Fife

Douglas burial enclosure **8.125, 8.135**

infant burials **8.132, 8.135, 8.136**

Purvis burial enclosure **8.125, 8.127, 8.129, 8.131–8.132, 8.134**

Wemyss Caves **8.119, 8.120–8.121, 8.124**

see also cemeteries; cremation pit

Burntisland, Fife, tide mill **8.183**

butchery

Dubton Farm, Angus **8.49**

Wemyss Caves **8.119**

butterflies, Meadow Brown **8.175**

buttons

copper alloy, Cromwell's citadel, Perth **8.154, 8.158**

lead, Cromwell's citadel, Perth **8.159, 8.160**

post-medieval, Dubton Farm, Angus **8.34**

c

Caipie Caves, E Fife **8.112, 8.113–8.114, 8.121, 8.122**

Cairnholy, Dumfries and Galloway, chambered cairn **8.49**

cairns, chambered

Cairnholy, Dumfries and Galloway **8.49**

Ord North, Sutherland **8.49**

Caledonian Railway Company **8.158**

Camelon, Stirlingshire **8.94**

Cameron, Kirsty, Dubton Farm, Angus: Neolithic/Iron Age **8.19–8.76**

Campbell, Dudley **8.2**

Camster Long, Caithness, prehistoric pottery **8.41**

Cardean, Angus

prehistoric pottery **8.94**

Roman fort **8.92, 8.97**

Carlungie, Angus **8.97, 8.98**

metalworking **8.94**

souterrain **8.80, 8.109**

Castle Howard, Yorkshire **8.172**

Castle Menzies, Aberfeldy, Perthshire, Neolithic enclosure **8.10, 8.11–8.18, 8.12, 8.14**

Castlehaven, Kirkcudbright **8.93**

Castlelaw, Midlothian, Iron Age **8.93**

Castletown, Caithness **8.93**

Cat Cave, East Wemyss *see* Jonathan's Cave

cattle bones

Cromwell's citadel, Perth **8.161**

Wemyss Caves **8.112, 8.118**

cattle markets, South Inch, Perth **8.149, 8.154, 8.155, 8.158, 8.159, 8.165**

caves

dwellers in **8.114, 8.121, 8.122**

see also Wemyss, Fife

cemeteries

Greyfriars, Perth **8.145, 8.162, 8.164**

Kinross parish church **8.179**

St John's Kirk, Perth **8.162, 8.165**

see also Dunino Churchyard, Fife

census records, and cave dwellers **8.122**

Central Excavation Unit (CEU), Wemyss Caves **8.117, 8.120**

cereal cultivation

Neolithic: Dubton Farm, Angus **8.53, 8.60, 8.61, 8.70, 8.73**

Perth area **8.163**

cereal processing, Dubton Farm, Angus **8.42, 8.61**

cereal remains

carbonised

Cromwell citadel, Perth **8.162–8.163**

Dubton Farm, Angus **8.52, 8.53, 8.60, 8.61, 8.68**

Shanzie Farm, Perthshire **8.84, 8.86, 8.87, 8.95, 8.97**

Wemyss Caves **8.113**

cereals

rising prices **8.196**

storage

Elie Granary, Fife **8.191**

- Perth citadel **8.146, 8.162–8.163**
 and souterrains **8.79**
 Chalmers, P MacGregor **8.127**
 Chapel Cave, Fife **8.113–8.114, 8.122**
 charcoal
 Dubton Farm, Angus: Neolithic pits **8.19, 8.21, 8.24, 8.25, 8.28, 8.34, 8.49–8.51, 8.76**
 Fletcherfield souterrain **8.109**
 Iron Age roundhouses **8.86**
 Kinross House: walled garden **8.175**
 Shanzie Farm souterrain, Perthshire **8.77, 8.84, 8.87, 8.88, 8.95, 8.97**
 souterrains **8.80**
 Wemyss Caves **8.115, 8.118, 8.120**
 see also wood charcoal
 Charles II, King, and Perth citadel **8.147**
 charnel deposits, Dunino churchyard, Fife **8.129, 8.136**
 Children's Hospice Association Scotland, Kinross House **8.169**
 Christianity
 early carved stonework **8.111, 8.121**
 early cave dwellers **8.114**
 Wemyss Cave burials **8.121**
 Church, Mike, Dubton Farm, Angus: carbonised plant macrofossils **8.51–8.68**
 Civil War **8.146**
 clay pipes
 Kinross House **8.173, 8.175, 8.179**
 Wemyss Caves **8.114, 8.117**
 Cleaven Dyke, Perthshire **8.8–8.9, 8.16**
 Cleghorn burial enclosure, Dunino churchyard, Fife **8.125**
 climate change and Wemyss Caves **8.122**
 coal, and glasshouse heating **8.178**
 coal and collieries, East Wemyss **8.111, 8.112, 8.114, 8.120, 8.122**
 coal and salt works, Culross, Fife **8.184–8.185**
 coal gas **8.184**
 coastal erosion, East Wemyss **8.111, 8.119–8.120, 8.121, 8.124**
 Coastal Zone Assessment **8.187**
 cobble tools **8.42**
 Cochrane, Archibald (9th Earl of Dundonald) **8.184**
 Codd, Hiram: bottle design **8.161**
 coffin handle, iron, Dunino churchyard, Fife **8.132, 8.133, 8.134**
 coffins, stone, Constantine's Cave **8.114**
 coins
 of Avignon **8.159**
 Roman *denarii* **8.97**
 Victorian pennies, Cromwell's citadel, Perth **8.159**
 Coleman, Russel, Shanzie Farm, Perthshire: souterrain **8.77–8.101**
 colluvium, Wemyss Caves shoreline **8.120, 8.122, 8.124**
 Coltness, Lanarkshire **8.172**
 Columba, Saint **8.114**
 conifer trees, use in construction **8.191**
 Conolly, Richard, 'southern Pictland' souterrains **8.77–8.80**
 Conqueror, George **8.147**
 Constantine's Cave, Crail **8.114, 8.121**
 Cook, Capt. James **8.186**
 cooking pots **8.39**
 Wemyss Caves **8.115**
 copper alloy objects
 Cromwell's citadel, Perth **8.154, 8.156–8.159, 8.157, 8.160, 8.164–8.165**
 Dunino churchyard, Fife **8.133, 8.134**
 Fletcherfield souterrain **8.108**
 Shanzie Farm, Perthshire **8.84, 8.90, 8.91, 8.93–8.94, 8.98**
 cores
 flint
 Nethermuir **8.6, 8.8**
 Shanzie Farm, Perthshire **8.92, 8.94**
 Upper Gothens **8.4**
 Neolithic **8.47**
 corn mills, decline of **8.163**
 Court Cave, East Wemyss **8.112, 8.113, 8.120, 8.121, 8.122**
 Covesea, Moray **8.93**
 Cowie Road, Bannockburn, Stirlingshire **8.47, 8.69**
 Cox, Adrian
 Cromwell's citadel, Perth: artefacts **8.156–8.161**
 Dunino churchyard, Fife: finds **8.133–8.134**
 Kinross House: walled garden **8.169–8.181**
 crab apple remains, Dubton Farm, Angus **8.24, 8.51, 8.52, 8.53, 8.61**
 Craighall, nr Edinburgh **8.170**
 Craigie Burn, Perth **8.149**
 Crail, Fife *see* Constantine's Cave
 cremation pit, Midtown of Pitglassie: Neolithic site **8.47**
 Cressey, Michael, Dubton farm, Angus: charcoal **8.49–8.51**
 Cromwell's citadel, South Inch, Perth **8.145–8.167, 8.146–8.148, 8.151–8.153**
 later use of site **8.149**
 phases of activity **8.150–8.155**
 re-use of stone from **8.147**
 cropmark enclosures **8.16, 8.17–8.18**
 Douglassmuir, Angus **8.16**
 cropmarks
 Castle Menzies enclosure, Perthshire **8.11, 8.12, 8.17, 8.18**
 Dubton Farm, Angus: Neolithic/Iron Age **8.19, 8.29, 8.76**
 Fletcherfield, Strathmore, Angus: souterrain **8.103**
 pit-type, Castle Menzies Neolithic enclosure **8.11**
 and souterrains **8.79**
 crucibles **8.84, 8.88, 8.91, 8.92, 8.94**
 Cul na Muice, Vallay, N Uist **8.93**
 Culbin Sands, Moray **8.93**
 Culross Abbey House, Fife **8.184**
 Culross, Fife **8.182, 8.183, 8.187**
 coal and salt works **8.184–8.185**
 salt pans **8.182, 8.184, 8.187**
 cup-and-ring carvings
 souterrains **8.108**
 Wemyss Caves **8.112, 8.121**
 cupmarked stone, souterrains **8.108**
 'cursus'-type monuments **8.16, 8.17, 8.18**
 Cyderhall, Sutherland, souterrain **8.68, 8.71, 8.86**
 d
 Dagenham Reach, Essex **8.184**
 Dalginross, Perthshire, Roman stone **8.93**
 Dalladies, Kincardineshire **8.94**
 long barrow **8.16**
 quern **8.42**

souterrain 8.79, 8.86, 8.98
 timber structures 8.71, 8.72
 Deane, Richard, Perth citadel 8.145
 Dee, River 8.61, 8.94
 Dee Valley Neolithic industries 8.48
 deer 8.119
 Dubton Farm, Angus 8.49
 Deer's Den, Aberdeenshire, lithics 8.48
 Defence of the Realm Act (1915) 8.122
 Defoe, Daniel, Scottish tour 8.170, 8.176
 Den of Dunino, Fife 8.125
 dendrochronology, Granary, Elie Harbour, Fife 8.191–8.198
 Denmark, timber trade 8.197
 deposition
 lithics 8.7
 Dubton Farm, Angus 8.48–8.49, 8.70
 Dick, Archie
 Fletcherfield, Strathmore, Angus: souterrain 8.103–8.109
 Shanzie Farm souterrain 8.77
 Doo/Dovecot Caves, Wemyss 8.111, 8.112, 8.121
 door handle, decorative, Kinross House 8.176
 Douglas burial enclosure, Dunino churchyard, Fife 8.125, 8.135
 Douglasmuir, Angus
 cropmark enclosure 8.16
 Prehistoric evidence 8.69, 8.70
 dovecotes 8.112
 Drumderrach, Perthshire 8.97
 Dubton Farm, Brechin, Angus
 Neolithic pits/Iron Age souterrains 8.19–8.76
 Area A 8.19, 8.20, 8.23, 8.24, 8.28, 8.34–8.35, 8.39, 8.43, 8.71
 Area B 8.19, 8.20, 8.21, 8.23, 8.24, 8.25, 8.35–8.37, 8.39, 8.41, 8.43, 8.68, 8.70
 Area C 8.19, 8.20, 8.24, 8.28, 8.29, 8.32, 8.33, 8.37–8.38, 8.39, 8.41, 8.43, 8.72
 Area D 8.19, 8.20, 8.24, 8.25, 8.28, 8.34, 8.39
 Dun Vulcan, S Uist 8.93
 Dunadd, Argyll, medieval pottery 8.141
 Dunagoil, Bute, Iron Age 8.93
 Duncrub, Perthshire, lithic scatter 8.1, 8.2, 8.8, 8.9
 Dundee, McManus Galleries 8.142
 Dundee Law, pottery 8.94
 Dundonald, Earl of *see* Cochrane
 Dundurn, Perthshire, Roman stone 8.93
 Dunino Churchyard, Fife
 excavation and watching brief 8.125–8.137, 8.126–8.128, 8.130, 8.131
 Records of Heritors 8.125, 8.136–8.137
 Dunkeld House 8.170
 Dunning, Perthshire 8.2

e

Earlshall, Tentsmuir Forest, Fife 8.139, 8.140, 8.142, 8.143
 Earn Valley 8.8
 East India Company 8.184, 8.185
 East Neuk of Fife *see* Elie
 East Wemyss, Fife *see* Wemyss, Fife (caves)
 Easterton, Aberdeenshire, Neolithic pottery 8.41
 Easterton of Roseisle, Moray, prehistoric pottery 8.41
 Eden, River 8.139

Edinburgh, Moray House: terraced garden 8.172
 Edward, Alexander 8.170, 8.171, 8.175, 8.179, 8.180
 Elie Harbour, Fife: Granary and dendrochronology 8.190, 8.191–8.198, 8.191
 emmer wheat remains, Dubton Farm, Angus 8.53, 8.60, 8.61
 enclosures, Neolithic: Castle Menzies, Perthshire 8.10, 8.11–8.18, 8.14
 Eremin, Katherine, Shanzie Farm, Perthshire: copper alloy 8.90
 Etna Brickworks, Armadale 8.175
 Eyemouth, Berwickshire, fortifications 8.151, 8.164

f

Factor's Cave, East Wemyss *see* Jonathan's Cave
 Fairy Knowe, Argyll, pottery 8.94
 Falkland, Fife, royal hunting park 8.145
 Ferguson, James, of Pitfour 8.183
 Fetterdale, Tentsmuir Forest, Fife 8.140
 FFP *see* University of Stirling First Farmers Project
 field boundary, Shanzie Farm 8.79, 8.98
 fieldwalking
 Castle Menzies enclosure, Perthshire 8.11
 lithic scatters 8.1, 8.2, 8.9
 Fife, salt-water fish ponds 8.182, 8.183–8.189
 Fife Archaeological Index 8.119
 Fife Ness, tide mill 8.183
 Finavon, Angus, metalworking 8.94
 fire-pits, Dubton Farm, Angus 8.21, 8.28
 fired clay, Shanzie Farm, Perthshire 8.84, 8.92
 Firth of Forth, fishing 8.184
 fish, *see also* aquaria
 fish bones, Wemyss Caves 8.119
 fish ponds
 freshwater 8.183, 8.186
 salt-water: Fife 8.182, 8.183–8.189
 fishing, Perthshire Neolithic sites, evidence from 8.8
 Flat Midden, Tentsmuir Forest, Fife 8.141
 Fletcherfield, Strathmore, Angus, souterrain 8.102, 8.103–8.109
 flint
 Castle Menzies Neolithic enclosure, Perthshire 8.11
 debitage 8.2, 8.6, 8.8
 Dubton Farm, Angus 8.24, 8.43, 8.45, 8.46, 8.48, 8.49
 Perthshire scatters 8.2–8.9, 8.4
 Shanzie Farm, Perthshire 8.84, 8.92
 Mesolithic 8.84
 Wemyss Caves 8.115, 8.120, 8.121
 see also lithics
 flint knapping, Perthshire lithic scatters 8.2, 8.4, 8.6, 8.8
 flood prevention, Perth 8.145, 8.149, 8.167
 food and diet
 expensive imports 8.183
 improvements late 18th/19th centuries 8.183
 and kitchen gardens 8.170, 8.172
 out-of-season 8.177, 8.183
 preservation 8.183
 Shanzie Farm, Perthshire 8.98
 Wemyss Caves 8.111, 8.119
 food processing evidence, Dubton Farm, Angus 8.69, 8.70
 food processing tools, stone, Dubton Farm, Angus 8.42
 food storage, and souterrains 8.79, 8.80
 Fordhouse Barrow, Angus 8.43

Fort George, Inverness **8.149**

Fort William **8.164**

Fowler (map) *see* Sharp, Greenwood and Fowler's map

Fowlis, Sir John **8.172**

fruit and fruit trees **8.183**

Dubton Farm, Angus **8.24, 8.50, 8.51, 8.52, 8.53, 8.61**

kitchen gardens **8.172, 8.175, 8.176, 8.178, 8.180**

funerary monuments *see* ritual monuments

g

Gaelic language **8.98**

Gairie Burn, Angus **8.103**

gardens *see* Kinross House: walled garden; kitchen gardens

Garpit, Fife **8.1**

kiln **8.140**

Garpit Farm, Fife **8.140, 8.141, 8.142, 8.143**

Gasworks Cave, East Wemyss **8.113, 8.119, 8.121**

gazebos *see* summerhouses

geology

and lithics **8.45**

and Wemyss Caves **8.122**

geophysical survey, Cromwell's citadel, Perth **8.145, 8.150**

Germany, timber from **8.193, 8.194, 8.196, 8.197, 8.198**

glass **8.97**

bead, Shanzie Farm, Perthshire **8.84, 8.90, 8.91**

Roman, Constantine's Cave **8.114**

see also vessel glass; window glass

Glass (Glassworks) Cave, East Wemyss **8.112, 8.121**

glass-making **8.178**

Wemyss Caves **8.121**

glasshouses **8.172, 8.176**

heating for **8.178**

Kinross House **8.170, 8.176, 8.177, 8.178, 8.179, 8.180**

Glencarse, souterrains **8.79**

gold ring **8.156, 8.157**

Gordon's map (1636–52) **8.98**

Gordonstoun **8.172**

Graham, James Gillespie, Dunino Church, Fife **8.125, 8.134, 8.135, 8.136, 8.137**

Graham, Thomas **8.170**

granary *see* Elie Harbour, Fife

Grand Tour **8.186**

Grandtully, Perthshire, Neolithic pottery **8.41**

grasses, Dubton Farm, Angus **8.53, 8.60, 8.68**

greenhouses *see* glasshouses

Greenwood (map) *see* Sharp, Greenwood and Fowler's map

Guttmann, Erika B, Wemyss Caves **8.111–8.124**

h

Haddington, E Lothian **8.197**

Hall, Derek W

Dunino churchyard, Fife: pottery **8.132–8.133**

Tentsmuir Forest, Fife: excavations & Scottish White Gritty

Ware **8.139–8.144**

Hall, Mark, Shanzie Farm souterrain **8.77**

Halliday, Stuart, Castle Menzies Neolithic enclosure **8.11–8.18**

Hamilton Palace, Lanarkshire **8.172**

Hartley, James **8.178**

Hastie, Mhairi

Cromwell's citadel, Perth: charred plant remains **8.162–8.163**

Shanzie Farm, Perthshire: plant remains **8.95**

Hawaii, salt-water fish ponds **8.186**

Hawkhill, Angus, prehistoric pottery **8.94**

Hawthornden Caves, Midlothian **8.112**

hazel charcoal

Castle Menzies Neolithic enclosure **8.16**

Dubton Farm, Angus **8.50, 8.51, 8.60, 8.68, 8.71**

hazelnut remains

Dubton Farm, Angus **8.24, 8.51, 8.52, 8.53, 8.61, 8.68**

Shanzie Farm, Perthshire **8.84, 8.95, 8.98**

Headland Archaeology Ltd

Castle Menzies Neolithic enclosure **8.10, 8.11**

charred plant remains **8.162**

Dubton Farm, Angus: Neolithic/Iron Age **8.19**

Shanzie Farm souterrain, Perthshire **8.78, 8.80**

Heald, Andrew, Shanzie Farm, Perthshire: metalworking **8.92, 8.94**

hearths

possible, Dubton Farm, Angus **8.25, 8.70**

Shanzie Farm, Perthshire **8.84, 8.91**

henge monuments

Balfarg **8.48**

Overhowden henge, Berwickshire **8.1**

Highland Boundary Fault **8.92**

Hill of Loyal (Balloch), nr Shanzie **8.80**

Historic Scotland, Elie Granary timbers **8.191**

Hitt, Thomas **8.172**

Holm, Dumfriesshire **8.17**

Hopetoun House, W Lothian **8.170, 8.172**

horse bones

Cromwell citadel, Perth **8.161**

Wemyss Caves **8.112**

horse equipment, copper alloy, Shanzie Farm, Perthshire **8.84, 8.93, 8.97, 8.98**

horseshoe scrapers, flint **8.7, 8.8**

Horticultural Society (later Royal) **8.172**

horticulture *see* Kinross House; kitchen gardens

Howe, Orkney **8.93**

Hownam Rings, Roxburghshire **8.93**

Hunter, Fraser, Shanzie Farm, Perthshire: souterrain **8.77–8.101**

hunting, Perthshire Neolithic sites, evidence from **8.9**

Hurly Hawkin, Angus **8.94**

horse equipment **8.93**

souterrain **8.80, 8.97, 8.98, 8.108**

Hutton, James, Dunino Church, Fife **8.125, 8.137**

i

Industrial Revolution **8.196**

Innes Field, Tentsmuir Forest, Fife **8.140**

inscription, on sundial: Dunino churchyard, Fife **8.125**

insects, butterflies **8.175**

Inverlochy, Cromwellian fort **8.145, 8.164**

Inverness

Cromwellian citadel **8.145, 8.164**

fieldwalking project **8.1**

Fort George **8.149**

Iron Age **8.93–8.94**

Dubton Farm, Angus: souterrains **8.19, 8.28–8.34, 8.30–8.33, 8.42, 8.51–8.52, 8.60–8.68, 8.70–8.72, 8.76**

roundhouses **8.86**

Shanzie Farm, Perthshire: souterrain **8.77, 8.93, 8.97**
 Wemyss Caves **8.114, 8.121**
see also pottery

iron objects

Constantine's Cave **8.114**
 Cromwell's citadel, Perth **8.159, 8.160**
 Dunino churchyard, Fife **8.129, 8.132, 8.133, 8.134**
 East Wemyss **8.112, 8.121**
 Shanzie Farm, Perthshire **8.90**

iron smithing slag **8.84, 8.86, 8.88, 8.92**

ironworking, Shanzie Farm, Perthshire **8.84, 8.92, 8.94**

Isle of Wight, fish ponds **8.187**

j

Jackson, Adam, Dubton Farm, Angus: coarse stone **8.42**
 Jacobite risings, and Cromwell's citadel, Perth **8.145, 8.147, 8.149, 8.150, 8.153, 8.154, 8.158, 8.163, 8.164, 8.167**
 Jerusalem Howe (House), Rires (Reres) Wood, Tentsmuir **8.141**
 jet spindle whorl, Wemyss Caves **8.114, 8.121**

jewellery

Shanzie Farm, Perthshire **8.98**
see also bead; brooch

Jonathan's Cave, Wemyss **8.110, 8.111, 8.112, 8.113, 8.114–8.119, 8.117, 8.120, 8.121**

k

Keats, John: 'Ode to a Nightingale' **8.178**
 Keay, Alex, Dunino Church, Fife **8.125, 8.137**
 Keil Cave, Argyll **8.93**
 Keir Hill, Stirlingshire, pottery **8.94**
 Kettleburn, Caithness, brooch **8.93**

keys

copper alloy, Cromwell's citadel, Perth **8.158–8.159, 8.160**
 iron, Cromwell's citadel, Perth **8.159, 8.160**

Kilminning, Fife **8.114**

Kinbeachie, Easter Ross **8.4**

lithics **8.47**
 timber structure **8.47**

Kinkell cave, St Andrews **8.114, 8.121**

Kinnaird, Sir George, of Rossie **8.147**

Kinross, parish church **8.179**

Kinross House: walled garden **8.168, 8.169–8.181, 8.171**
 evaluation trenches **8.173, 8.174, 8.175**

Kinshaldy Mound, Tentsmuir Forest, Fife **8.139, 8.140, 8.141, 8.143**

kitchen gardens

development **8.170–8.173, 8.180**
see also Kinross House

knives

folding, copper alloy, Cromwell's citadel, Perth **8.158**
 slug, flint **8.4, 8.5, 8.7, 8.8**

l

Lairg, Sutherland, Iron Age **8.86, 8.93**

Lawers House, Perthshire **8.179**

Lawson, William: *The countryside housewife's garden* **8.175**

lead alloy objects, Cromwell's citadel, Perth **8.159, 8.160**

Leith, Edinburgh **8.118**

Cromwellian garrison fort **8.145, 8.146, 8.163**

Leuchars, Fife **8.141**

Leuchars Aerodrome, Fife **8.140**

Lithic Scatters Project (LSP) **8.1**

lithics

Castle Menzies Neolithic enclosure, Perthshire **8.11**
 Dubton Farm, Angus **8.21, 8.28, 8.29, 8.42–8.49, 8.47, 8.69, 8.73**

Perthshire scatters **8.1–8.9**

Shanzie Farm, Perthshire **8.92, 8.94–8.95**

see also flint; stone

Little Gight, Aberdeenshire **8.1**

Littleour, Perthshire **8.9**

flint **8.43**

Loch Leven Castle **8.170**

Lochhill, Kirkcudbrightshire, mortuary structure **8.16**

Lochspouts, Ayrshire, Iron Age **8.93**

London

iron keys **8.159**

pine timbers **8.197**

Loudoun Hill, Ayrshire **8.93**

Lunanhead, Angus, Neolithic flint **8.43, 8.48**

m

McDowall, Andrew, of Logan **8.183, 8.187**

Macduff's Castle, East Wemyss **8.112, 8.114, 8.115, 8.119, 8.121, 8.122**

Macfarlane, Walter **8.172**

McGill, Catherine, Shanzie Farm, Perthshire: prehistoric pottery **8.90, 8.94**

McIntosh, Charles **8.176**

Mackay, Maj.-General Hugh, of Scourie **8.145, 8.164**

Mackenzie and Moncur Limited, Messrs. **8.177**

MacLaglan, C, Wemyss Caves carvings **8.111**

MacSween, Ann, Dubton Farm, Angus pottery report **8.34–8.42**

Mains of Kelly, nr Carnoustie, Angus, Neolithic pottery **8.41**

Maldives **8.122**

Maritime Fife Project **8.187**

Mars, HMS **8.185**

Marsfield, Anstruther Wester, Fife: fish pond **8.185, 8.187**

Martin, Paula, salt-water fish ponds in Fife **8.183–8.189**

medicine, and plants **8.170**

Meikle, James: *Places and Place-Names Round Alyth* **8.98**

Meldon Bridge, Peeblesshire, Neolithic pottery **8.41**

Mesolithic period **8.47, 8.48**

Castle Menzies enclosure **8.15, 8.18**

lithic scatters **8.2, 8.5**

Shanzie Farm, Perthshire **8.84, 8.94–8.95**

metalworking

ferrous *see* ironworking

non-ferrous, Shanzie Farm, Perthshire **8.84, 8.93, 8.94, 8.97**

Michael Cave, East Wemyss **8.112, 8.121**

Michael Colliery, East Wemyss **8.112, 8.114**

middens

Cromwell citadel, Perth **8.149, 8.150, 8.154, 8.155, 8.161, 8.165, 8.167**

Tentsmuir Forest 'mounds' **8.139–8.141, 8.140, 8.142**

Wemyss Caves **8.117, 8.118, 8.119, 8.120**

Middlesknowe, Roxburghshire, horse equipment **8.93**

Midtown of Pitglassie, Aberdeenshire, lithics **8.47–8.48**

military fortifications **8.146**

see also Cromwell's citadel, Perth

military training/parades, South Inch, Perth **8.149, 8.155, 8.158, 8.165**

Miller, Suzanne, Shanzie Farm, Perthshire: stone objects **8.88**

Mills, Coralie M, Elie Harbour, Fife: Granary and dendro-chronology **8.191–8.198**

monasteries

dissolution of **8.172**

and freshwater fish ponds **8.183**

and kitchen gardens **8.170**

Monk, General George **8.145, 8.164**

Montgomery, Sir Basil **8.170, 8.175–8.176, 8.177, 8.179, 8.180**

Montgomery, Sir David **8.179**

Montgomery, Sir James **8.170**

Monticello, nr Charlottesville **8.180**

Montrose, first Duke of **8.179**

Moray House, Edinburgh, terraced garden **8.172**

mortar

Cromwell's citadel, Perth **8.153, 8.164**

Kinross House **8.176**

Wemyss Caves **8.114, 8.115, 8.120, 8.121**

Morton, Earl of **8.170**

Morton, Tentsmuir Forest, Fife **8.139, 8.140**

Mortuary Cave, Fife **8.114**

Mote of Mark, Dumfries and Galloway, medieval pottery **8.141**

mount (belt slider), copper alloy, Shanzie Farm, Perthshire **8.84**

Mountstewart, Perthshire, lithic scatter **8.1, 8.2, 8.9**

Murray, Lord George **8.149**

museums

Fife Council **8.139, 8.141**

Hunterian **8.114**

Kirkcaldy **8.113, 8.121**

McManus Galleries, Dundee **8.142**

National Museums of Scotland **8.142**

lithics **8.2, 8.5**

Wemyss Caves **8.121, 8.122**

Perth Museum and Art Gallery, lithics **8.2, 8.5**

St Andrews University **8.139**

n

nails, iron

Constantine's Cave **8.114**

Cromwell citadel, Perth **8.159**

Dunino churchyard, Fife **8.129, 8.134**

East Wemyss **8.112, 8.121**

Nasmyth, Alexander **8.182, 8.185**

Neill, Dr Patrick **8.172**

Neolithic period **8.95**

Castle Menzies enclosure **8.10, 8.11–8.18, 8.14**

Dubton Farm, Angus **8.19–8.28, 8.20, 8.22–8.27, 8.42–8.60, 8.61, 8.68–8.70, 8.72, 8.76**

lithic scatters, Perthshire **8.1, 8.2, 8.4, 8.5–8.6, 8.8**

Wemyss Caves **8.111, 8.112, 8.118, 8.121**

see also pottery

Nethermuir, Perthshire, lithic scatter **8.1, 8.3, 8.5–8.9, 8.7**

Newark, Queen's Sconce **8.146**

Newmill, Perthshire

metalworking **8.94**

Prehistoric site **8.72**

querns **8.42**

souterrain **8.79, 8.80, 8.98, 8.109**

Niddry Castle, W Lothian **8.172**

North American timber trade **8.197**

North German timber trade **8.193, 8.196, 8.197, 8.198**

North of Scotland Water Authority (NoSWA) **8.145, 8.155, 8.165**

Norway, timber trade **8.197**

o

oak charcoal

Castle Menzies Neolithic enclosure **8.16, 8.18**

Dubton Farm, Angus **8.34, 8.50, 8.51, 8.60, 8.68, 8.71**

Shanzie Farm, Perthshire **8.84, 8.95, 8.98**

oak timber, Granary, Elie Harbour **8.191, 8.192, 8.193, 8.194, 8.195, 8.196, 8.197, 8.198**

oat remains

carbonised

Cromwell citadel, Perth **8.162**

Shanzie Farm, Perthshire **8.84, 8.95, 8.98**

Dubton Farm, Angus **8.52, 8.53, 8.60, 8.61, 8.68**

Ord North, Sutherland, chambered cairn **8.49**

Overhowden henge, Berwickshire **8.1**

Oxford, Physic Garden **8.177**

oyster shells **8.114**

p

Palladian architecture, Kinross House **8.170**

Panton, William **8.98**

Peddie and Kinnear, architects **8.125**

Perry, David, Dunino churchyard, Fife **8.125–8.127**

Perth

Castle Gable **8.147**

Cromwell's citadel, South Inch *see* Cromwell's citadel

Curfew Row **8.141**

Ferguson Art Gallery **8.165**

flood prevention **8.145, 8.149, 8.167**

General Prison **8.165**

Greyfriars cemetery **8.145, 8.162, 8.164**

King Edward Street: medieval pottery **8.132**

King James VI Hospital **8.145**

King Street: monastic site **8.183**

Marshall Place **8.165**

Meal Vennel **8.159**

Mill Street: Pullar's building **8.155**

North Inch **8.145, 8.151**

St John's Kirk **8.162, 8.165**

'Sands Market' **8.149, 8.165**

South (Coal) Shore **8.147, 8.149**

South Inch **8.145, 8.151**

later uses **8.149, 8.155, 8.158, 8.159, 8.163, 8.165**

see also Cromwell's citadel

water supply **8.149, 8.165**

Perthshire Hunt **8.149**

Perthshire Society for Natural Science (PSNS), fieldwalking **8.1, 8.2**

Peterhead, Aberdeenshire, salt-water fish pond **8.183, 8.184**

Petit, Louis, and Perth citadel **8.146, 8.154**

Pictish cave carvings, E Wemyss **8.111, 8.112, 8.113, 8.121, 8.124**

pig bones

Cromwell's citadel, Perth **8.161**

Wemyss Caves **8.112, 8.117, 8.118**

- pine timber, Granary, Elie Harbour **8.191, 8.192, 8.193, 8.194, 8.195, 8.197, 8.198**
- pins
- bone, Wemyss Caves **8.121**
 - copper alloy, Dunino churchyard, Fife **8.129, 8.133, 8.134**
- Pitcur, Strathmore, souterrain **8.104, 8.108**
- Pitfour, Aberdeenshire, salt-water fish pond **8.183–8.184**
- pits
- Dubton Farm, Angus
 - Iron Age **8.28, 8.29, 8.70**
 - Neolithic **8.19–8.28, 8.20, 8.22–8.27, 8.69–8.70**
- Pitt, William **8.184**
- Pittenweem Priory, Fife **8.114**
- place-names
- Dunino churchyard, Fife **8.125**
 - Shanzie, Perthshire **8.98**
- plant cultivation
- 18th/19th century farming improvements **8.183**
 - and kitchen gardens **8.170, 8.172–8.173, 8.175, 8.176, 8.177, 8.178, 8.180**
 - see also* fruit and fruit trees
- plant remains
- carbonised
 - Cromwell's citadel, Perth **8.162–8.163**
 - Dubton Farm, Angus **8.21, 8.24, 8.49, 8.50, 8.51–8.68, 8.69, 8.70, 8.73, 8.76**
 - Shanzie Farm, Perthshire **8.84, 8.85, 8.95, 8.96, 8.98**
 - see also* cereal remains
- Plymouth, fortifications **8.146**
- points, flint **8.4, 8.5**
- Poland, timber trade **8.196, 8.197**
- Pond Cottage, Valleyfield **8.182, 8.184, 8.185, 8.186**
- Port Logan (Portnessock), Galloway, fish pond **8.183, 8.184**
- Portsmouth, fortifications **8.146**
- post-holes
- Castle Menzies Neolithic enclosure **8.11, 8.13–8.16, 8.17, 8.18**
 - Cromwell's citadel, Perth **8.154, 8.155, 8.165**
 - Dubton Farm, Angus: Iron Age **8.28, 8.29, 8.70, 8.72**
 - Fletcherfield souterrain **8.107**
- post-pipes, Castle Menzies enclosure, Perthshire **8.13**
- post-pits, Castle Menzies Neolithic enclosure **8.13, 8.16, 8.17**
- pottery
- Prehistoric **8.5**
 - at Dubton Farm, Angus **8.21, 8.28, 8.34–8.42, 8.35–8.36, 8.38, 8.40, 8.52, 8.73, 8.76**
 - at Shanzie Farm, Perthshire **8.77, 8.84, 8.90, 8.91, 8.94**
 - Early Neolithic, Dubton Farm, Angus **8.19**
 - Neolithic
 - bowls (uncarinated), Dubton Farm, Angus **8.36, 8.39, 8.41**
 - Carinated Bowl, Dubton Farm, Angus **8.21, 8.24, 8.36, 8.37, 8.38, 8.39–8.41, 8.43, 8.47, 8.69, 8.70**
 - Grimston-Lyles Hill **8.39**
 - Grooved Ware, Dubton Farm, Angus **8.21, 8.35, 8.36, 8.39, 8.41–8.42, 8.70**
 - Impressed Ware, Dubton Farm, Angus **8.21, 8.24, 8.37, 8.39, 8.40, 8.41, 8.69, 8.70**
 - later Neolithic decorated wares *see* Impressed Ware
 - Scottish Impressed Wares *see* Impressed Ware
 - 'Unstan' bowls, Dubton Farm, Angus **8.28, 8.38, 8.40**
 - Western Neolithic **8.39**
- Iron Age
- Dubton Farm, Angus **8.37, 8.39, 8.72**
 - Shanzie Farm **8.80**
- Roman **8.71**
- amphorae **8.80, 8.97**
 - Constantine's Cave **8.114**
 - imported colour-coat **8.94**
 - samian **8.80, 8.97**
 - Central Gaulish **8.94**
 - Kinkell Cave, St Andrews **8.114**
 - South Gaulish, Shanzie Farm, Perthshire **8.84, 8.90, 8.91, 8.94**
- medieval
- at Dunino churchyard, Fife **8.129, 8.133**
 - at Wemyss Caves **8.111, 8.112, 8.115, 8.117, 8.121**
 - East Coast Redware **8.132**
 - Cromwell's citadel, Perth **8.150, 8.154, 8.155**
 - Tentsmuir Forest, Fife **8.142**
 - imported, Cromwell's citadel, Perth **8.155–8.156**
 - 'Leuchars Ware' *see* Scottish White Gritty Ware
 - London Type Rouen copy, Cromwell's citadel, Perth **8.156**
 - Redware jug, Shanzie Farm, Perthshire **8.87**
 - Rhenish stonewares **8.141**
 - Cromwell's citadel, Perth **8.156**
 - Santonge ware, Wemyss Caves **8.115, 8.117**
 - Scottish White Gritty Ware
 - Cromwell's citadel, Perth **8.150, 8.154, 8.155**
 - Dunino churchyard, Fife **8.132–8.133, 8.133**
 - Tentsmuir Forest, Fife **8.139, 8.141–8.142, 8.143–8.144**
 - Wemyss Caves **8.114, 8.115, 8.119**
 - vessel types, Tentsmuir Forest, Fife **8.141**
 - Yorkshire Type wares, Cromwell's citadel, Perth **8.155**
- late 15th/16th centuries reduced greywares, Cromwell's citadel, Perth **8.155**
- 16th-century German stoneware, East Wemyss **8.117**
- post-medieval oxidized redware, Cromwell's citadel, Perth **8.155**
- 'Throsk-type ware' *see* post-medieval oxidized redware
- 18th/19th centuries, china, Cromwell's citadel, Perth **8.156**
- Victorian china/earthenware, Dunino churchyard, Fife **8.132, 8.133**
- modern china, Wemyss Caves **8.117**
- Preston, Sir Robert: fish pond **8.183, 8.184, 8.185, 8.186, 8.187**
- Preston Island, Fife, salt works **8.185, 8.187**
- promontory forts **8.42**
- Purvis burial enclosure, Dunino churchyard, Fife **8.125, 8.127, 8.129, 8.131–8.132, 8.134**
- q
- querns **8.80**
- at Dubton Farm, Angus **8.28, 8.71**
 - at Wemyss Caves **8.113**
 - bun, Shanzie Farm, Perthshire **8.88, 8.89, 8.92**
 - disc, Shanzie Farm, Perthshire **8.88, 8.89, 8.92**
 - rotary, Dubton Farm, Angus **8.28, 8.34, 8.42, 8.50, 8.72, 8.76**

- saddle
 Dubton Farm, Angus **8.29, 8.42, 8.72**
 near Duncrub **8.2**
 quernstones, Fletcherfield, Strathmore, Angus: souterrain **8.103**
- r**
 Rachel House, Kinross **8.170**
 radiocarbon dating
 Castle Menzies Neolithic enclosure **8.13, 8.14, 8.15–8.16, 8.18**
 Dubton Farm, Angus: Neolithic period **8.24, 8.41, 8.43, 8.49, 8.52, 8.68, 8.69, 8.70**
 Fletcherfield souterrain **8.109**
 Midtown of Pitglassie: Neolithic site **8.47–8.48**
 Nethermuir Neolithic site **8.5, 8.8–8.9**
 Shanzie Farm souterrain, Perthshire **8.77, 8.80, 8.84, 8.87, 8.97, 8.101**
 Wemyss Caves **8.114, 8.115, 8.117–8.118, 8.120, 8.121, 8.122**
see also dendrochronology
 Rankin, F, Wemyss Caves **8.111**
 Ravelston, nr Edinburgh, gardens **8.172**
 Ray, John **8.163**
 rectilinear enclosures **8.16**
 Castle Menzies enclosure, Perthshire **8.11, 8.16**
 Redcastle (Red Castle), Angus **8.28**
 Prehistoric pottery **8.41, 8.94**
 souterrain **8.68, 8.71, 8.77, 8.80**
 Reid, John: treatise *The Scots Gard'ner* **8.172**
Rentale Dunkeldense **8.98**
 Repton, Sir Humphrey **8.184, 8.185**
 ring ditches, Dubton Farm, Angus: Neolithic/Iron Age **8.19**
 ring-mound, Neolithic, Midtown of Pitglassie, Aberdeenshire **8.47**
- rings
 finger, amber, Shanzie Farm, Perthshire **8.84, 8.88, 8.91, 8.93**
 gold **8.156, 8.157**
- ritual
 and lithics **8.48**
 and souterrains **8.108, 8.109**
 ritual deposition, Beckton Farm, Dumfries and Galloway **8.70**
 ritual monuments, Neolithic enclosures **8.17**
 Roman period **8.80**
 Constantine's Cave finds **8.114**
 fish ponds **8.186**
 Shanzie Farm, Perthshire **8.93–8.94, 8.97, 8.98**
see also pottery
 Roman stone fragment, Shanzie Farm, Perthshire **8.88, 8.89, 8.92–8.93, 8.97**
 Rouen, France, medieval pottery **8.156**
 roundhouses, Iron Age **8.86**
 roundwood charcoal
 Dubton Farm, Angus **8.28, 8.49, 8.50, 8.51, 8.60, 8.71**
 Shanzie Farm, Perthshire **8.84, 8.95**
 Roy, General, military survey **8.170**
 Roy, Michael, Cromwell's citadel, Perth **8.145–8.167**
 Ruthven, Strathmore, souterrain **8.104**
- s**
 St Andrews, Fife
 Bronze Age hoard **8.93**
 Leper Hospital of the Blessed Nicholas **8.141**
see also Kinkell cave
 St Andrews Prehistorians **8.139, 8.141**
 St Fillan's Cave, Pittenweem **8.114**
 St Germain's, E Lothian **8.93**
 St John's Kirk, Perth **8.162, 8.165**
 St Monan's Cell **8.114**
 St Monans, Fife **8.159**
 salt pans, Culross, Fife **8.182, 8.184, 8.187**
 salt works
 Culross, Fife **8.184–8.185**
 Preston Island **8.185, 8.187**
 salt-water fish ponds *see* fish ponds
 Sandwich Islands **8.186**
 Saville, Alan, Shanzie Farm, Perthshire: lithics **8.92, 8.94–8.95**
 Scandinavia, timber trade **8.197**
Scots Magazine **8.183**
 Scots pine timbers **8.191**
 Scottish Urban Archaeological Trust (SUAT), Wemyss Caves **8.120**
- scrapers
 flint
 Mountstewart, Perthshire **8.2**
 Nethermuir **8.7**
 Upper Gothens **8.2, 8.4, 8.5**
 Neolithic **8.47, 8.48**
 sculptured stones
 Dunino churchyard, Fife **8.125**
see also Wemyss, Fife (caves)
 sea levels, East Wemyss **8.111, 8.114, 8.122**
 Seton, Earls of **8.172**
 Severus, Emperor **8.97**
 Shanzie Farm, Alyth, Perthshire, souterrain **8.77–8.101, 8.78, 8.81–8.88, 8.108, 8.109**
 Sharp, Greenwood and Fowler's map **8.170, 8.196**
 sheep bones, Wemyss Caves **8.112**
 sheep/goat bones, Cromwell's citadel, Perth **8.161**
 Sheffield University, English Heritage laboratory **8.195**
 shell middens, possible, Tentsmuir Forest, Fife **8.139, 8.140**
 shellfish, East Wemyss **8.113**
 shells
 Dubton Farm, Angus **8.21, 8.24**
 East Wemyss **8.111, 8.112**
 Wemyss Caves **8.114, 8.117, 8.118, 8.119, 8.120**
 Sherriff, John, Shanzie Farm souterrain **8.77**
 shoe buckles, copper alloy, Cromwell's citadel, Perth **8.157, 8.158**
 sickle-flints **8.4, 8.7**
 Simpson, Prof. J Y, Wemyss Caves carvings **8.111, 8.113**
 Sliding (Sloping) Cave, East Wemyss **8.113, 8.114, 8.118–8.119, 8.120, 8.121–8.122**
 Smith, Catherine, Cromwell's citadel, Perth: bone **8.161–8.162**
 Solent, fish ponds **8.187**
 souterrains
 decommissioning of **8.80, 8.95–8.97**
 Dubton Farm, Angus **8.19, 8.28–8.34, 8.30–8.33, 8.42, 8.49, 8.50, 8.51, 8.52, 8.60, 8.61, 8.68, 8.70–8.72, 8.76**

- Fletcherfield, Strathmore, Angus **8.102, 8.103–8.109, 8.104–8.107**
 near Duncrub **8.2**
 with niches **8.105, 8.108, 8.109**
 Shanzie Farm, Perthshire **8.77–8.101, 8.79, 8.81–8.88**
 'southern Pictland' group **8.71, 8.72, 8.77–8.80, 8.94, 8.95–8.97**
 stone-lined **8.72, 8.79, 8.104, 8.108**
 timber-built structures **8.28, 8.29, 8.71, 8.72, 8.76, 8.77–8.79**
- South Esk, River **8.19**
- 'southern Pictland' souterrains *see* souterrains
- Spurryhillock, Aberdeenshire, Neolithic pottery **8.41**
- stakeholes, Dubton Farm, Angus **8.21**
- Statistical Account* **8.172**
 (New) **8.185, 8.196**
 (Old)
 Dunino churchyard, Fife **8.125**
 Fife caves **8.122**
- Stevenson Engineers: plans **8.196**
- Stewart, Fraser, Cromwell's citadel, Perth: pottery **8.155–8.156**
- Stirling, pipemakers **8.173**
- stone
 burnt, Dunino churchyard, Fife **8.129**
 chipped, Dubton Farm, Angus **8.42–8.49**
 coarse, Dubton Farm, Angus **8.42**
 dry stone dyke, Shanzie Farm, Perthshire **8.83, 8.98**
 see also architectural stone; cup-and-ring carvings;
- cupmarked stone; sculptured stones
- stone coffins, Constantine's Cave **8.114**
- stone craft, Dubton Farm, Angus **8.45–8.49**
- stone fragment, Roman, Shanzie Farm, Perthshire **8.88, 8.89, 8.92–8.93, 8.97**
- stone objects
 coarse stone smoothers **8.4, 8.5, 8.7, 8.8**
 Shanzie Farm, Perthshire **8.88, 8.89, 8.91**
 Wemyss Caves **8.112**
- stone scatters *see* lithics
- stone settings, Kinross House **8.178–8.179, 8.179, 8.180**
- storehouse
 Cromwell's citadel, Perth **8.146, 8.162–8.163**
 see also Elie Harbour (Granary)
- Stotfield, Tentsmuir Forest, Fife **8.140**
- Strageath, Perthshire, Roman stone **8.93**
- strike-a-light **8.7**
- structures
 circular, associated with souterrains **8.79**
 post and beam: Elie Granary, Fife **8.195–8.196**
 rectilinear, Balbridie **8.61**
 timber, prehistoric **8.47, 8.70, 8.71, 8.72**
 timber mortuary structure, Lochhill, Kirkcudbrightshire **8.16**
 timber Neolithic enclosures **8.17**
 timber-built Roman fort, Cardean **8.92**
 timber-framed glasshouses, Kinross House **8.176**
 see also brochs; Elie (Granary); glasshouses; ring ditches;
- roundhouses; souterrains; summerhouses
- Stuart, Eland, lithic scatters **8.1**
- Stuart, John, sculptured stones **8.111**
- summerhouses, Kinross House **8.169–8.170, 8.173, 8.176, 8.179**
- sundials
 Dunino churchyard, Fife **8.125**
 and kitchen gardens **8.178–8.179**
- Sweden, timber trade **8.197**
- t**
- Tahiti, salt-water fish ponds **8.186**
- Tay, River **8.146**
 and South Inch, Perth **8.145**
- Taymouth **8.172**
- Tealing, Angus **8.97**
 souterrain **8.108**
- Tentsmuir, Fife, Neolithic pottery **8.41**
- Tentsmuir Forest, Fife
 excavations **8.138, 8.139–8.144**
 'mounds' **8.139–8.141, 8.140, 8.142**
- thimble, copper alloy, Cromwell's citadel, Perth **8.159**
- Thompson, Robert: on kitchen gardens **8.175, 8.176**
- Thoms, Jennifer, Dubton Farm, Angus: bone **8.49**
- Throsk, Stirlingshire, pottery kiln **8.155**
- tide mills **8.183**
- tiles
 ceramic **8.134**
 Dunino churchyard, Fife **8.134**
 roof **8.134**
- timber
 burnt, Dubton Farm, Angus **8.29, 8.34, 8.49, 8.50, 8.51, 8.60, 8.68, 8.76**
 Dunino Church, Fife **8.135**
 Granary, Elie Harbour: dendrochronology **8.191–8.198, 8.191**
 for Perth citadel **8.145**
 see also structures
- timber trade **8.191, 8.196–8.197**
- toilet equipment *see* tweezers
- Transactions of the Highland Society* (Whyte) **8.183**
- Traprain Law, E Lothian
 horse equipment **8.93**
 prehistoric pottery **8.94**
- tree-holes, Duncrub, Perthshire **8.2**
- tree-ring dating, Elie Granary timbers **8.192, 8.193, 8.196, 8.197**
- Tulloch of Assery B, Caithness, prehistoric pottery **8.41**
- turf
 and Cromwell's citadel, Perth **8.151**
 for roofing **8.68**
- Tuvalu, Pacific **8.122**
- tweezers, copper alloy **8.84, 8.90, 8.91, 8.93–8.94**
- u**
- University of Stirling First Farmers Project **8.1**
- Upper Gothens, Perthshire, lithic scatter **8.1, 8.2–8.5, 8.3, 8.4, 8.8, 8.9**
- Urquhart, Moray, Neolithic pottery **8.41**
- v**
- Valleyfield, Fife
 salt-water fish pond **8.182, 8.183, 8.184, 8.185, 8.187**
 Pond Cottage **8.182, 8.184, 8.185, 8.186**
- Valleyfield House, Fife **8.184**
- Vanburgh, Sir John **8.172**
- Varro, on salt-water fish ponds **8.186**

vegetables *see* plant cultivation; plant remains

vessel glass

Cromwell's citadel, Perth **8.159, 8.160, 8.161, 8.165**

Dunino churchyard, Fife **8.134**

Shanzie Farm, Perthshire **8.87, 8.98**

vitrified material, Shanzie Farm, Perthshire **8.92**

W

Waddell and Young, Dunino Church, Fife **8.127, 8.135**

Wallace, Colin: Shanzie Farm, Perthshire: Roman pottery **8.90, 8.94**

Wardend of Durris, Aberdeenshire **8.70**

Wards Farm, Tentsmuir Forest, Fife **8.139, 8.140**

Warner, Charles Dudley **8.173**

Warren, Graeme, Dubton Farm, Angus: chipped stone **8.42–8.49**

watch key, copper alloy **8.159, 8.160**

watching briefs

Cromwell's citadel, South Inch, Perth **8.145, 8.153, 8.165**

Dunino churchyard, Fife **8.125–8.137**

Wemyss Caves **8.119–8.120**

water meadows **8.183**

water pipes

Kinross House **8.178**

Perth **8.155, 8.165, 8.167**

water pump **8.178, 8.179**

water supply

and glasshouses **8.178**

Perth **8.149, 8.165**

waterfowling, Perthshire Neolithic sites, evidence from **8.8, 8.9**

wattlework

Dubton Farm, Angus **8.28, 8.50, 8.71**

Fletcherfield souterrain **8.106**

weed seeds

carbonised, Shanzie Farm, Perthshire **8.95, 8.98**

Cromwell citadel, Perth **8.162**

Dubton Farm, Angus **8.24, 8.53, 8.60, 8.61, 8.68**

Well Caves, East Wemyss **8.112, 8.114, 8.115, 8.116, 8.120, 8.121, 8.122**

Wellbrae, Lanarkshire, Neolithic pottery **8.41, 8.70**

Wemyss, Fife

caves **8.110, 8.111–8.124**

threats to **8.121**

Wemyss Coal Company **8.112, 8.114**

West Grange of Conon, Angus **8.98**

West Mains of Ethie, Angus **8.94**

wheat remains

charred, Cromwell citadel, Perth **8.162, 8.163**

Dubton Farm, Angus **8.53, 8.60, 8.61**

Shanzie Farm, Perthshire **8.95, 8.98**

Whithorn, Dumfries and Galloway **8.93**

whorls

jet, Wemyss Caves **8.114, 8.121**

stone, Wemyss Caves **8.112**

Wickham-Jones, Caroline J, lithic scatters, Perthshire **8.1–8.9**

wild cherry wood remains **8.50, 8.51**

Williamsburg, Virginia **8.180**

willow charcoal, Dubton Farm, Angus **8.50, 8.51, 8.68**

window glass

Cromwell's citadel, Perth **8.159**

Dunino churchyard, Fife **8.134**

wine bottles, Cromwell's citadel, Perth **8.161**

wood, burnt, Fletcherfield souterrain **8.106, 8.107**

wood charcoal **8.5**

Castle Menzies Neolithic enclosure **8.16, 8.18**

Dubton Farm, Angus **8.28, 8.34, 8.49, 8.50, 8.51, 8.68, 8.71**

Shanzie Farm, Perthshire **8.84, 8.86, 8.95, 8.98**

woodland

Dubton Farm, Angus **8.49, 8.51, 8.68**

pine **8.197**