CHANGES IN THE UPPER LIMIT OF CULTIVATION
IN SOUTH-EAST SCOTLAND:
1600-1900

M.L. PARRY

VOLUME TWO
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VOLUME TWO

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APPENDIX I

FARM STEADINGS ABANDONED, 1600-1860:
by period of abandonment and by
association with the permanent
abandonment of cultivation
Appendix I.1

Steadings probably abandoned before 1600

<table>
<thead>
<tr>
<th>approximate site</th>
<th>parish</th>
<th>GR</th>
<th>O.D. (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NW of Boustie</td>
<td>Spott</td>
<td>669715</td>
<td>251</td>
</tr>
<tr>
<td>SE of Penshiel</td>
<td>Whittingehame</td>
<td>665628</td>
<td>259</td>
</tr>
<tr>
<td>in Calder Cleugh</td>
<td>Spott</td>
<td>662662</td>
<td>281</td>
</tr>
<tr>
<td>above Gairmuir</td>
<td>Lauder</td>
<td>587526</td>
<td>338</td>
</tr>
<tr>
<td>above Windy Cleugh</td>
<td>Channelkirk</td>
<td>472568</td>
<td>366</td>
</tr>
<tr>
<td>on Quixwood Moor (8 discrete steadings)</td>
<td>Cockburnspath</td>
<td>772647</td>
<td>190-238</td>
</tr>
<tr>
<td>on Catch Hill</td>
<td>Longformacus</td>
<td>716617</td>
<td>274</td>
</tr>
</tbody>
</table>

sources: aerial photographs
field survey
county maps
Appendix 1.2

Steadings probably abandoned between 1600 and 1750, and associated with the permanent abandonment of cultivation

<table>
<thead>
<tr>
<th>name of steading</th>
<th>parish</th>
<th>GR</th>
<th>O.D. (m)</th>
<th>area (ha) of associated abandonment</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Confirmed association with permanent abandonment of cultivation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O. Tullus</td>
<td>Lauder</td>
<td>523585</td>
<td>366</td>
<td>45</td>
</tr>
<tr>
<td>Doddowbanck</td>
<td>Whittingehame</td>
<td>642617</td>
<td>320</td>
<td>4</td>
</tr>
<tr>
<td>Nunnbanck</td>
<td>Longformacus</td>
<td>669586</td>
<td>266</td>
<td>10</td>
</tr>
<tr>
<td>Birk cleuch</td>
<td>Spott</td>
<td>678655</td>
<td>266</td>
<td>6</td>
</tr>
<tr>
<td>Cribbes*</td>
<td>Oldhamstocks</td>
<td>709663</td>
<td>251</td>
<td>5</td>
</tr>
<tr>
<td>Dudd shoam</td>
<td>Coldingham</td>
<td>839699</td>
<td>152</td>
<td>5</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td></td>
<td></td>
<td>75</td>
</tr>
<tr>
<td>b) Unconfirmed association with permanent abandonment of cultivation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowis*</td>
<td>Innerwick</td>
<td>671663</td>
<td>274</td>
<td>25</td>
</tr>
<tr>
<td>(not named)</td>
<td>Coldingham</td>
<td>c.851693</td>
<td>183</td>
<td>4</td>
</tr>
<tr>
<td>Rampart Hall</td>
<td>Coldingham</td>
<td>c.913693</td>
<td>83</td>
<td>10</td>
</tr>
<tr>
<td>Skairs</td>
<td>Cranshaws</td>
<td>c.712623</td>
<td>292</td>
<td></td>
</tr>
<tr>
<td>Presthill</td>
<td>Cranshaws</td>
<td>c.722619</td>
<td>238</td>
<td></td>
</tr>
<tr>
<td>Scarhill (1)</td>
<td>Cranshaws</td>
<td>c.717621</td>
<td>266</td>
<td>110</td>
</tr>
<tr>
<td>Scarhill (2)</td>
<td>Cranshaws</td>
<td>c.721622</td>
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<td>TOTAL</td>
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<td>149</td>
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</table>

* abandoned 1600-1682

sources: Pont (1583-96), Gordon (1636-48),
Military Survey (1749-55)
aerial photographs
field survey
Appendix I.3

Steadings probably abandoned between 1750 and 1770, and associated with the permanent abandonment of cultivation

<table>
<thead>
<tr>
<th>name of steading</th>
<th>parish</th>
<th>GR</th>
<th>O.D. (m)</th>
<th>area (ha) of associated abandonment</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Confirmed association with permanent abandonment of cultivation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fala Luggie</td>
<td>Fala and Soutra</td>
<td>424590</td>
<td>312</td>
<td>7</td>
</tr>
<tr>
<td>Gainsmuir</td>
<td>Stenton</td>
<td>638657</td>
<td>289</td>
<td>5</td>
</tr>
<tr>
<td>Skar Hill</td>
<td>Cranshaws</td>
<td>718622</td>
<td>259</td>
<td>32</td>
</tr>
<tr>
<td>(not named)</td>
<td>Westruther</td>
<td>662486</td>
<td>189</td>
<td>15</td>
</tr>
<tr>
<td>Bunlay</td>
<td>Innerwick</td>
<td>675672</td>
<td>286</td>
<td>3</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td></td>
<td></td>
<td>62</td>
</tr>
</tbody>
</table>

| b) Unconfirmed association with permanent abandonment of cultivation |
| Knocks            | Stenton             | 645646 | 281      | 10                                  |
| (not named)       | Yester              | ?532629| 327      | 12                                  |
| TOTAL             |                     |        |          | 22                                  |

sources: Military Survey (1794-55)
Armstrong (1770-3), Armstrong (1771),
Armstrong (1770-3) and Stobie (1770)
aerial photographs
field survey
Appendix I.4

Steadings probably abandoned between 1770 and 1800
(Roxburghs, excluded),
and associated with the permanent abandonment of cultivation

<table>
<thead>
<tr>
<th>name of steading</th>
<th>parish</th>
<th>GR</th>
<th>O.D. (m)</th>
<th>area (ha) of associated abandonment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oldtown</td>
<td>Coldingham</td>
<td>854697</td>
<td>198</td>
<td>14</td>
</tr>
<tr>
<td>(not named)</td>
<td>Coldingham</td>
<td>856690</td>
<td>198</td>
<td>8</td>
</tr>
<tr>
<td>Wardknowe</td>
<td>Fala and Soutra</td>
<td>430573</td>
<td>305</td>
<td>28</td>
</tr>
<tr>
<td>Rottenrow</td>
<td>Spott</td>
<td>644718</td>
<td>244</td>
<td>7</td>
</tr>
<tr>
<td>Dod House</td>
<td>Lauder</td>
<td>517561</td>
<td>244</td>
<td>3</td>
</tr>
<tr>
<td>Setburnrigg</td>
<td>Langton</td>
<td>717564</td>
<td>244</td>
<td>29</td>
</tr>
<tr>
<td>Greenbank</td>
<td>Cockburnspath</td>
<td>814692</td>
<td>192</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>TOTAL</td>
<td></td>
<td></td>
<td>91</td>
</tr>
</tbody>
</table>

|                              |                         |        |          |                                  |
|                              |                         |        |          |                                  |
| b) Unconfirmed association with permanent abandonment of cultivation |
| (not named)                  | Coldingham              | 852705 | 122      | 7                                 |
| Lang a-birks                |Langton                  |786517  |222       |9                                 |
| (Wardknowe, op.cit.) Fala and Soutra | 430573 | 305)    |60                                  |
| TOTAL                        |                          |        |          |76                                |

sources: Armstrong (1770-3), Armstrong (1770-1)
        Armstrong (1770-3)
        Forrest (1799), Blackadder (1797), Knox (1804-10)
adrenal photographs
field survey
Appendix 1.5

Steadings probably abandoned between 1800 and 1825 (Roxburghs, 1770-1838), and associated with the permanent abandonment of cultivation

<table>
<thead>
<tr>
<th>name of steading</th>
<th>parish</th>
<th>GR</th>
<th>O.D. (m)</th>
<th>area (ha) of associated abandonment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oneside</td>
<td>Humbie</td>
<td>498609</td>
<td>335</td>
<td>46</td>
</tr>
<tr>
<td>Rednick</td>
<td>Channelkirk</td>
<td>468557</td>
<td>358</td>
<td>12</td>
</tr>
<tr>
<td>Langriggs</td>
<td>Westruther</td>
<td>615469</td>
<td>229</td>
<td>15</td>
</tr>
<tr>
<td>Fangers</td>
<td>Greenlaw</td>
<td>500497</td>
<td>198</td>
<td>3</td>
</tr>
<tr>
<td>Weetfoot</td>
<td>Greenlaw</td>
<td>682519</td>
<td>236</td>
<td>57</td>
</tr>
<tr>
<td>Twinlaw Vaults</td>
<td>Westruther</td>
<td>627544</td>
<td>373</td>
<td>27</td>
</tr>
<tr>
<td>Dunside</td>
<td>Longformacus</td>
<td>630576</td>
<td>360</td>
<td>16</td>
</tr>
<tr>
<td>Clints</td>
<td>Whittingehame</td>
<td>611691</td>
<td>271</td>
<td>10</td>
</tr>
</tbody>
</table>

TOTAL 186

b) Unconfirmed association with permanent abandonment of cultivation

<table>
<thead>
<tr>
<th>name of steading</th>
<th>parish</th>
<th>GR</th>
<th>O.D. (m)</th>
<th>area of association</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coldshield</td>
<td>Lauder</td>
<td>521460</td>
<td>251</td>
<td>39</td>
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<tr>
<td>Gamalshiel</td>
<td>Stenton</td>
<td>650647</td>
<td>297</td>
<td>15</td>
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</tbody>
</table>

TOTAL 54

sources: Forrest (1799), Blackadder (1797), Knox (1804-10), and Stobie (1770)
Sharp, Greenwood and Fowler (1824, 1825, 1827-8) and Tennant (1838)
aerial photographs
field work
Appendix I.6

Steadings probably abandoned between 1825 and 1860, and associated with the permanent abandonment of cultivation

<table>
<thead>
<tr>
<th>name of steading</th>
<th>parish</th>
<th>GR</th>
<th>O.D. (m)</th>
<th>area (ha) of associated abandonment</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Confirmed association with permanent abandonment of cultivation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Longcleugh</td>
<td>Channelkirk</td>
<td>448566</td>
<td>281</td>
<td>2</td>
</tr>
<tr>
<td>Mossend</td>
<td>Greenlaw</td>
<td>696491</td>
<td>190</td>
<td>6</td>
</tr>
<tr>
<td>Snawburn</td>
<td>Greenlaw</td>
<td>701486</td>
<td>198</td>
<td>7</td>
</tr>
<tr>
<td>Millknowe</td>
<td>Greenlaw</td>
<td>682510</td>
<td>210</td>
<td>5</td>
</tr>
<tr>
<td>Dirrington</td>
<td>Longformacus</td>
<td>686555</td>
<td>274</td>
<td>13</td>
</tr>
<tr>
<td>Dimples</td>
<td>Longformacus</td>
<td>687558</td>
<td>266</td>
<td>82</td>
</tr>
<tr>
<td>Twinlaw House</td>
<td>Longformacus</td>
<td>647558</td>
<td>297</td>
<td>72</td>
</tr>
<tr>
<td>Wrunklaw</td>
<td>Longformacus</td>
<td>673584</td>
<td>274</td>
<td>5</td>
</tr>
<tr>
<td>Renton Bell</td>
<td>Coldingham</td>
<td>838658</td>
<td>213</td>
<td>4</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td></td>
<td></td>
<td>196</td>
</tr>
<tr>
<td>b) Unconfirmed association with permanent abandonment of cultivation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kingside Whittingehame</td>
<td>627645</td>
<td>305</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>Old Scarlaw</td>
<td>Longformacus</td>
<td>668567</td>
<td>297</td>
<td>34</td>
</tr>
<tr>
<td>Fosterside</td>
<td>Longformacus</td>
<td>671583</td>
<td>236</td>
<td>52</td>
</tr>
<tr>
<td>(Dirrington, op.cit. Longformacus)</td>
<td>686555</td>
<td>274</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
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<td></td>
<td></td>
<td>124</td>
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</tbody>
</table>

sources: Sharp, Greenwood and Fowler (1824, 1825, 1827-8) and Tennant (1838)  
1st ed. O.S. 1:10,560  
aerial photographs  
field survey
Appendix 1.7

Steadings abandoned after 1860, and probably associated with cultivation abandoned c.1825-1860

<table>
<thead>
<tr>
<th>name of steading</th>
<th>parish</th>
<th>GR</th>
<th>O.D. (m)</th>
<th>area (ha) of abandonment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dronehill</td>
<td>Coldingham</td>
<td>847663</td>
<td>220</td>
<td>4</td>
</tr>
<tr>
<td>Old Stobswood</td>
<td>Langton</td>
<td>722555</td>
<td>236</td>
<td>29</td>
</tr>
<tr>
<td>Darned House</td>
<td>Garvald and Bara</td>
<td>603662</td>
<td>338</td>
<td>15</td>
</tr>
<tr>
<td>Boonslie</td>
<td>Spott</td>
<td>667707</td>
<td>305</td>
<td>5</td>
</tr>
<tr>
<td>Kaughby</td>
<td>Channelkirk</td>
<td>469550</td>
<td>327</td>
<td>9</td>
</tr>
<tr>
<td>Riddel Lodge</td>
<td>Lauder</td>
<td>526567</td>
<td>358</td>
<td>141</td>
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</tbody>
</table>

**TOTAL** 203

b) Unconfirmed association with cultivation abandoned before 1860

<table>
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<tr>
<th>name of steading</th>
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<th>GR</th>
<th>O.D. (m)</th>
<th>area (ha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>West Woodhead</td>
<td>Westruther</td>
<td>627526</td>
<td>301</td>
<td>6</td>
</tr>
<tr>
<td>Edgarhope</td>
<td>Lauder</td>
<td>553595</td>
<td>312</td>
<td>65</td>
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</tbody>
</table>

**TOTAL** 70

sources: 1st ed. O.S. 1:10,560 aerial photographs field survey
APPENDIX II

FARM STEADINGS ESTABLISHED 1750-1860:
by period of establishment, and by
association with reclamation
Appendix II.1

Steadings probably established between 1750 and 1770, and associated with contemporary reclamation

a) Within 1860-1970 moorland core

<table>
<thead>
<tr>
<th>name of steading</th>
<th>parish</th>
<th>GR</th>
<th>O.D. (m)</th>
<th>area (ha) of associated reclamation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cakemuir</td>
<td>Heriot</td>
<td>399568</td>
<td>305</td>
<td>20</td>
</tr>
<tr>
<td>Riddel Lodge</td>
<td>Lauder</td>
<td>526567</td>
<td>358</td>
<td>141</td>
</tr>
<tr>
<td>Renton Bell</td>
<td>Coldingham</td>
<td>838658</td>
<td>213</td>
<td>4</td>
</tr>
<tr>
<td>Blinkbonnie</td>
<td>Melrose</td>
<td>483453</td>
<td>351</td>
<td>11</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>176</strong></td>
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</tbody>
</table>

b) Outside 1860-1970 moorland core

<table>
<thead>
<tr>
<th>name of steading</th>
<th>parish</th>
<th>area (ha) of associated reclamation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nettlingflat</td>
<td>Heriot</td>
<td>20</td>
</tr>
<tr>
<td>Salvandi</td>
<td>Fala and Soutra</td>
<td>24</td>
</tr>
<tr>
<td>Keithhill</td>
<td>Humbie</td>
<td>26</td>
</tr>
<tr>
<td>Herd's house</td>
<td>Innerwick</td>
<td>27</td>
</tr>
<tr>
<td>Paitshill</td>
<td>Cockburnspath</td>
<td>35</td>
</tr>
<tr>
<td>Old Howpark</td>
<td>Coldingham</td>
<td>22</td>
</tr>
<tr>
<td>(Renton Bell, op.cit.)</td>
<td>Coldingham</td>
<td>24</td>
</tr>
<tr>
<td>Warlawbank</td>
<td>Coldingham</td>
<td>32</td>
</tr>
<tr>
<td>Fernyecastle</td>
<td>Coldingham</td>
<td>56</td>
</tr>
<tr>
<td>Kippetlaw</td>
<td>Longformacus</td>
<td>2</td>
</tr>
<tr>
<td>Cammerlaws</td>
<td>Westruther</td>
<td>43</td>
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</table>
Appendix II.1 (contd)

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<th>Steading</th>
<th>Parish</th>
<th>Area (ha)</th>
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</thead>
<tbody>
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<td>Bassendean</td>
<td>Westruther</td>
<td>16</td>
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<tr>
<td>Huntlywood near Mains</td>
<td>Gordon</td>
<td>40</td>
</tr>
<tr>
<td>(not named)</td>
<td>Westruther</td>
<td>20</td>
</tr>
<tr>
<td>Hexpath</td>
<td>Greenlaw</td>
<td>38</td>
</tr>
<tr>
<td>Hindsidehill</td>
<td>Westruther</td>
<td></td>
</tr>
<tr>
<td>Longriggs</td>
<td>Westruther</td>
<td>140</td>
</tr>
<tr>
<td>Newstead</td>
<td>Lauder</td>
<td>56</td>
</tr>
<tr>
<td>Snawdon</td>
<td>Lauder</td>
<td></td>
</tr>
<tr>
<td>(not named)</td>
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<td>38</td>
</tr>
<tr>
<td>Bluecairn</td>
<td>Melrose</td>
<td>152</td>
</tr>
<tr>
<td>Old Bluecairn</td>
<td>Melrose</td>
<td></td>
</tr>
<tr>
<td>Crunzie</td>
<td>Stow</td>
<td>58</td>
</tr>
<tr>
<td>Whitslaid</td>
<td>Lauder</td>
<td>27</td>
</tr>
<tr>
<td>Gattonside Mains</td>
<td>Melrose</td>
<td>52</td>
</tr>
<tr>
<td>Kittyfield</td>
<td>Melrose</td>
<td>45</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
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<td><strong>993</strong></td>
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</tbody>
</table>

sources: Military survey (1749-55)  
Armstrong (1770-3, 1771, 1770-3) and  
Stobie (1770)  
aerial photographs  
field survey
Appendix II.2

Steadings probably established between 1770 and 1800 (Roxburghs, excluded), and associated with contemporary reclamation

a) Within 1860-1970 moorland core

<table>
<thead>
<tr>
<th>name of steading</th>
<th>parish</th>
<th>GR</th>
<th>O.D. (m)</th>
<th>area (ha) of associated reclamation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Twinlaw Vaults</td>
<td>Westruther</td>
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<td>Wardknowe</td>
<td>Fala and Soutra</td>
<td>430573</td>
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<td>Shawburn</td>
<td>Greenlaw</td>
<td>701486</td>
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<tr>
<td>Braidshawrig</td>
<td>Lauder</td>
<td>581528</td>
<td>305</td>
<td>10</td>
</tr>
<tr>
<td>Moorhouse</td>
<td>Abbey St Bathans</td>
<td>777627</td>
<td>191</td>
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<tr>
<td></td>
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<td>TOTAL 141</td>
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</table>

b) Outside 1860-1970 moorland core

<table>
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<td>Upper Brotherstone</td>
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</tr>
<tr>
<td>Horny Burn</td>
<td>Yester</td>
<td>15</td>
</tr>
<tr>
<td>(Moorhouse, op.cit.)</td>
<td>Abbey St Bathans</td>
<td>61</td>
</tr>
<tr>
<td>(not named)</td>
<td>Cockburnspath</td>
<td>10</td>
</tr>
<tr>
<td>Laverock Braes</td>
<td>Coldingham</td>
<td>12</td>
</tr>
<tr>
<td>Moor House</td>
<td>&quot;</td>
<td>9</td>
</tr>
<tr>
<td>Huxton</td>
<td>&quot;</td>
<td>8</td>
</tr>
<tr>
<td>South Fallaknowe</td>
<td>&quot;</td>
<td>9</td>
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<tr>
<td>Crosslaw</td>
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<td>7</td>
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Appendix II.2 (contd)

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<th>Area (ha)</th>
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<td>Buskin</td>
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<tr>
<td>Silverwells</td>
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<td>40</td>
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<tr>
<td>Stoneshiel</td>
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<td>38</td>
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<tr>
<td>Berrybank</td>
<td>&quot;</td>
<td>65</td>
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<tr>
<td>Sunnyside</td>
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</tr>
<tr>
<td>Fairlaw</td>
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<td>Muirmontrig</td>
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<tr>
<td>Castle Mains</td>
<td>Duns</td>
<td>23</td>
</tr>
<tr>
<td>Bassendean House</td>
<td>Westruther</td>
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</tr>
<tr>
<td>Bassendeanhill</td>
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<td>Fairknowe</td>
<td>&quot;</td>
<td></td>
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<tr>
<td>Houndslow</td>
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<td></td>
</tr>
<tr>
<td>Braidshawrig, op.cit.</td>
<td>Lauder</td>
<td>24</td>
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<td>Cambridge</td>
<td>Legerwood</td>
<td>4</td>
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<tr>
<td>Inchkeith</td>
<td>Lauder</td>
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<tr>
<td>Little Cortleferry</td>
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<tr>
<td>Nethertown</td>
<td>&quot;</td>
<td>16</td>
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<tr>
<td>The Dod</td>
<td>&quot;</td>
<td></td>
</tr>
<tr>
<td>Southfold</td>
<td>Channelkirk</td>
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<td><strong>TOTAL</strong></td>
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Sources: Armstrong (1770-3, 1771, 1770-3)
Forrest (1799), Blackadder (1797), Knox (1804-10)
aerial photographs
field survey
Appendix II.3

**Steadings probably established between 1800 and 1825 (Roxburghs. 1770-1838), and associated with contemporary reclamation**

a) **Within 1860-1970 moorland core**

<table>
<thead>
<tr>
<th>name of steading</th>
<th>parish</th>
<th>GR</th>
<th>O.D. (m)</th>
<th>area (ha) of associated reclamation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Darned House</td>
<td>Garvald and Bara</td>
<td>603662</td>
<td>236</td>
<td>20</td>
</tr>
<tr>
<td>Twinlaw Ford</td>
<td>Longformacus</td>
<td>647560</td>
<td>286</td>
<td>40</td>
</tr>
<tr>
<td>Scarlaw</td>
<td>Longformacus</td>
<td>653565</td>
<td>297</td>
<td></td>
</tr>
<tr>
<td>Ladehopemoor</td>
<td>Melrose</td>
<td>508391</td>
<td>219</td>
<td>8</td>
</tr>
<tr>
<td>Playhaugh</td>
<td>Cranshaws</td>
<td>687629</td>
<td>198</td>
<td>8</td>
</tr>
<tr>
<td>Cockburn East</td>
<td>Duns</td>
<td>777597</td>
<td>183</td>
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<tr>
<td>Dranehill</td>
<td>Coldingham</td>
<td>847663</td>
<td>220</td>
<td>4</td>
</tr>
<tr>
<td>(not named)</td>
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<td>846665</td>
<td>222</td>
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</tr>
<tr>
<td>Greenwood</td>
<td>Coldingham</td>
<td>835646</td>
<td>168</td>
<td>21</td>
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**TOTAL** 126

b) **Outside 1860-1970 moorland core**

<table>
<thead>
<tr>
<th>name of steading</th>
<th>parish</th>
<th>area (ha) of associated reclamation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Huntershall</td>
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<td>6</td>
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<tr>
<td>Hangingshaw</td>
<td>Heriot</td>
<td>66</td>
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<tr>
<td>Harelaw Burn</td>
<td>Yester</td>
<td>32</td>
</tr>
<tr>
<td>(Darned House, op.cit. Garvald and Bara)</td>
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</table>
## Appendix II.3 (contd)

<table>
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<tr>
<td>Woodside</td>
<td>Coldingham</td>
<td></td>
</tr>
<tr>
<td>Springfield</td>
<td>&quot;</td>
<td></td>
</tr>
<tr>
<td>(not named)</td>
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<td></td>
</tr>
<tr>
<td>Newhouse</td>
<td>&quot;</td>
<td></td>
</tr>
<tr>
<td>Myrtlehall</td>
<td>&quot;</td>
<td></td>
</tr>
<tr>
<td>Harelawside</td>
<td>&quot;</td>
<td></td>
</tr>
<tr>
<td>Howpark</td>
<td>&quot;</td>
<td></td>
</tr>
<tr>
<td>(Dronehill, op.cit.)</td>
<td>&quot;</td>
<td>5</td>
</tr>
<tr>
<td>North and South Grange</td>
<td>&quot;</td>
<td>50</td>
</tr>
<tr>
<td>Alewater House</td>
<td>&quot;</td>
<td>52</td>
</tr>
<tr>
<td>Newmain</td>
<td>&quot;</td>
<td></td>
</tr>
<tr>
<td>Auchencraw Mains</td>
<td>&quot;</td>
<td></td>
</tr>
<tr>
<td>Cockburn East</td>
<td>&quot;</td>
<td>76</td>
</tr>
<tr>
<td>Preston Shades</td>
<td>Bunkle and Preston</td>
<td>109</td>
</tr>
<tr>
<td>Stanchell</td>
<td>&quot;</td>
<td></td>
</tr>
<tr>
<td>Rigfoot</td>
<td>Longformacus</td>
<td>67</td>
</tr>
<tr>
<td>Whiteside</td>
<td>Greenlaw</td>
<td>54</td>
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<tr>
<td>Scarlaw</td>
<td>Longformacus</td>
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<tr>
<td>Townhead</td>
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<td>15</td>
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<tr>
<td>Bla'wearie</td>
<td>Legerwood</td>
<td>63</td>
</tr>
<tr>
<td>Greenknowe</td>
<td>Gordon</td>
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<td>30</td>
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<tr>
<td>Boon</td>
<td>Legerwood</td>
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<tr>
<td>Lauderhill</td>
<td>Lauder</td>
<td>120</td>
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<tr>
<td>Chapel Mains</td>
<td>Melrose</td>
<td></td>
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<tr>
<td>South Blainslie</td>
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<td>120</td>
</tr>
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<td>Steading</td>
<td>Parish</td>
<td>Area (ha)</td>
</tr>
<tr>
<td>-----------------</td>
<td>------------</td>
<td>-----------</td>
</tr>
<tr>
<td>Cairneymount</td>
<td>Melrose</td>
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<td>Craigsford Mains</td>
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<tr>
<td>Sorrowlessfield Mains</td>
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<tr>
<td>Drygrange Mains</td>
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<td></td>
</tr>
<tr>
<td>Fanhope</td>
<td>&quot;</td>
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<tr>
<td>Wester Housebyres</td>
<td>&quot;</td>
<td>112</td>
</tr>
<tr>
<td>Charlie's Cairn</td>
<td>&quot;</td>
<td>94</td>
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<td>Ladhope Moor</td>
<td>&quot;</td>
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</tr>
<tr>
<td>Hawksnest</td>
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<td>172</td>
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<tr>
<td>Torsonce Mains</td>
<td>Stow</td>
<td>106</td>
</tr>
<tr>
<td>Torquhan</td>
<td>&quot;</td>
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<tr>
<td>Knock</td>
<td>Duns</td>
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<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>2,814</strong></td>
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Sources: Forrest (1799), Blackadder (1797), Knox (1804-10), Stobie (1770), Sharp, Greenwood and Fowler (1824, 1825, 1827-8), Tennant (1838), aerial photographs, field survey.
Appendix II.4

**Steadings probably established between 1825 and 1860, and associated with contemporary reclamation**

a) *Within 1860-1970 moorland core*

<table>
<thead>
<tr>
<th>name of steading</th>
<th>parish</th>
<th>GR</th>
<th>O.D. (m)</th>
<th>area (ha) of associated reclamation</th>
</tr>
</thead>
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<td>Whittingehame</td>
<td>616623</td>
<td>236</td>
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<tr>
<td>Whitburn</td>
<td>Cockburnspath</td>
<td>761643</td>
<td>213</td>
<td>4</td>
</tr>
<tr>
<td>Raughby</td>
<td>Channelkirk</td>
<td>469550</td>
<td>327</td>
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<tr>
<td>(not named)</td>
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b) *Outside 1860-1970 moorland core*

<table>
<thead>
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</thead>
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<tr>
<td>Hopringle</td>
<td>Heriot</td>
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<tr>
<td>The Howe</td>
<td>Lauder</td>
<td>2</td>
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<tr>
<td>Glenburnie</td>
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<td>10</td>
</tr>
<tr>
<td>Bermuda</td>
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<td>2</td>
</tr>
<tr>
<td>Sebastopol</td>
<td>&quot;</td>
<td>5</td>
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<tr>
<td>Moorcock Hall</td>
<td>Whittingehame</td>
<td>57</td>
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<tr>
<td>Yadlee</td>
<td>Stenton</td>
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<tr>
<td>Whiteburn</td>
<td>Cockburnspath</td>
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<td>Frampath</td>
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<td>Blackerstone</td>
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## Appendix II.4 (contd)

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<tr>
<td>(not named)</td>
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<tr>
<td>Fountainside</td>
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<td>Hopefield</td>
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<td>Hillside</td>
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<tr>
<td>South Burnhead</td>
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<td>Newbigging</td>
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<td>Rowanlea</td>
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<td>East Mains</td>
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<td>Cralaw</td>
<td>Westruther</td>
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<td>Langlee Mains</td>
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<td>Oakfield (2 steadings)</td>
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<td>Buckholm</td>
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<td>not named, op.cit.</td>
<td>Channelkirk</td>
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**Total** 1,238

**Sources:**
Sharp, Greenwood and Fowler (1824, 1825, 1827-8),
Tennant (1838)
1st ed. O.S. 1:10,560 (1853, 1855-7, 1852-4, 1857-60)
aerial photographs field survey
LIST OF MANUSCRIPT ESTATE PLANS

(note: this list includes only those plans relevant to the study of changes in the limit of cultivation)

Plans in the library of Marchmont House, Polwarth, Berws.
(Sir Robert McEwen, Bt)

1795 Greenlaw
A plan of the estate of Marchmont belonging to the Rt Hon. Earl of Marchmont, by Charles Ross

1825 Greenlaw
Atlas containing the plans and measure of the estate of Marchmont, ... belonging to Sir William P. Hume Campbell, Bt, by John Blackadder

Plans in Reading University Library (RUL),
Dunglass Estate MSS.

RUL, EAS 1/7 1743 Cockburnspath
Survey of the estate of Colbrandspath, n.s.

Plans in the National Library of Scotland (NLS)

NLS, EMS.b.4.1.xi 1836 Gordon
Plan of Middle-Third, by David Blackadder

NLS, EMS.b.4.1.xii 1836 Gordon
Plan of Belli-taw, by David Blackadder

NLS, EMS.b.4.1.xiii 1836 Gordon
Plan of Fawside and Mack's Mill, by David Blackadder

NLS, EMS.s.333 1838 Melrose
Plan of the lands of Colmslechill, the property of George Baillie ... of Jerviswoode, by D. Wilson
Plans in the Scottish Record Office (SRO)

RHP 56/1-2 1750 Stenton
Plan of roads adjacent to Roughlaw, Stentoun and Whittenhame in Co. of Haddington, by John Johnstone

RHP 62 1765 Coldingham
Plan of Coldinghame Common moor taken for a division before the Court of Session, by Wm. Cockburn

RHP 155 1772 Coldingham
Plan of the Commonty of Coldingham, by Alex. Low

RHP 178 [post-1759] Coldingham
Plan of part of the lands of Auchincrow belonging to the feuars and to Patrick Home of Wedderburn, by Wm. Cockburn

RHP 201/1-3 1832 Whittingehame
Two maps of the Outer Common of Dunbar in Shire of Haddington, by Nicholas Weatherly

RHP 224/1 1731 Greenlaw
Plan of Grinley Moore and Polwart Moore belonging to the Earl of Marchmont, n.s.

RHP 224/2 1842 Greenlaw
Plan showing the position, extent and boundaries of the Commonty of Greenlaw and Dogden Moss, by Jas. Cunningham

RHP 536/1 1819 Oldhamstocks
Plan of the commonty of Oldhamstocks, by George Buchanan

RHP 536/2 1834 Oldhamstocks
Plan of the commonty of Oldhamstocks, by George Buchanan

RHP 769 n.d. Yester
Map of the estate of Newhall, by W.D. McKay

RHP 1035/1 1860 Oldhamstocks
Plan of the Estate of Blackburn, by Archibald Sutter

RHP 1035/2 1862 Oldhamstocks
Report and valuation of the Estate of Blackburn, by Archibald Sutter

RHP 1037 1792 Innerwick
Plan of Waldalie, by John Bell
RHP 1206 1826 Melrose
Plan of the lands of Carolside and Clackmae, property of Jack Hume, by Wm. Crawford

RHP 1215/1-2 1808 Lauder
Plan of Riddel Lodge, property of Sir Jas. Riddel, Bart., by John Blackadder

RHP 1251 1755 Yester
Plan of the enclosures of Hopes, property of Charles Hay, n.s.

RHP 1252 1859 Yester
Plan of the estate of Hopes, property of William Hay, by George Hunter

RHP 1253 1874 Yester
Plan of the estate of Hopes, property of Major J.C. Hay, n.s.

RHP 1257 1819 Lauder
Plan of the farm of Tullis Hill, property of the Marquis of Tweeddale, by George Buchanan

RHP 1258 1820 Lauder
Plan of part of the farm of Tullis Hill (with land ploughed up in 1818), by George Buchanan

RHP 1246 1832 Whittingehame
Map of Dunbar Outer Common, by Nicholas Weatherly

RHP 1760 1825 Abbey St Bathans
Plan of Winshield, Oatlee-cleugh and Cockburn, by Thos. Jeffrey

RHP 2514 1753 Innerwick
Plan of the estate of Blackcastle consisting of lands of Blackcastle, and Aikengall, Wool-lands and Kirklands, the property of Sir Patrick Murray of Ballmano, Bart., by Thomas Winter

RHP 2515 1759 Whittingehame
Plan of baronies of Whittingham and Stonnypath belonging to Alexander Hay of Drummellier, by Lewis Gordon

RHP 2516 1793 Whittingehame
Plan of Luggat West field, Whittingham Mains east field, Yarrow, Birles, New Mains, Stoney Path and Stony Path Tour, n.s.

RHP 2518 1819 Whittingehame
Plan of Whittingham estate, belonging to James Balfour, by John Mason

RHP 2519 1822-3 Innerwick
Volume of plans of the estate of Blackcastle consisting of farms of Aikengall and Westhall in parish of Innerwick, Cocklaw and Woolylands in parish of Oldhamstocks, and Kirklands and Hoprig Farm in parish of Cockburnspath, by John Mason
RHP 2587 1812 Abbey St Bathans
Plan of the estate of Cockburn, by Alfred Lancefield, reduced from a survey by J. Blackadder

RHP 3550 1805 Cockburnspath
Plan of the division of Chirnside Common, by John Blackadder

RHP 3577 1805 Cockburnspath
Plan of the division of commonty of Chirnside, n.s.

RHP 3628 1803 Lauder
Plan of Acres Crofts and enclosed ground of the Royal Burgh of Lauder, by John McDougall

RHP 3683 1756 Lauder
Part of the estate of James, Earl of Lauderdale, by Wm. Cockburn

RHP 3707 1758 Lauder
Plan of the lands of Nether Houden, by John Lawrie

RHP 4088 1760 Coldingham
Plan of the runrig lands of West Reston, by David Mather

RHP 4096 1811 Coldingham
The lands of Renton under division, by Wm. Johnstone

RHP 4998 1853 Oldhamstocks
No.1 Plan of proposed march fence between Upper Monnynut and Middle Monnynut, by T. Carfrae

RHP 4999 1853 Oldhamstocks
No.2 Plan of proposed march fence between Upper Monnynut and Middle Monnynut, by T. Carfrae

RHP 5528 1783 Innerwick
A plan of the commons of Innerwick and Blackcastle as the same is now being divided by authority of the Court of Session among the several proprietors, by John Johnston

RHP 6144 1773 Coldingham
Plan of division of Coldinghame Common, by Alex. Low

RHP 6590 1796 Melrose
A plan of Drygrange belonging to Thomas Tod, Esq., by John Ainslie

RHP 8742 n.d. Innerwick
Plan of Beltondod and Friars Dyke fence, n.s.

RHP 8743 1833 Spott
Plan of the several allotments in the division of Dunbar Common, by Nicholas Weatherly
RHP 8744  1811  Stenton
Plan of Duchrie, property of F. Buchan Sydserff, Esq., by Wm. Crawford

RHP 8745  1880  Stenton
Plan of Deuchrie Farm, belonging to T.B. Sydserff, by Chas. Patterson

RHP 8752  1853  Stenton
Sketch map of the relative situations of Stonypath, Duchrie and Path Head, by John Mason

RHP 8781  [c.1783]  Innerwick
Part of Innerwick Common, n.s.

RHP 9303  1802  Coldingham
Plan of Warlawbank, by John Blackadder

RHP 9304  1831  Coldingham
Plan of Hillend farm, n.s.

RHP 9306  [19th c.]  Longformacus
Sketch of the farm of Ellemford, n.s.

RHP 1005  1776, 1807  Innerwick
Plan of the farms of Harehead, Bothwell, Winshiel and Upper Moninet; and inset of Henshide Farm

RHP 10013  1830  Cranshaws
Plan of the estate of Gammelshiels, property of James Home Rigg, by Wm. Crawford

RHP 10018  1828  Cockburnspath
Plan of Ecclaw, Edmondsdean and Bowshiels, by John Mason

RHP 11810  1832  Whittingehame
Plan of Dunbar Outer Common, by Nicholas Weatherly
LIST OF OTHER MANUSCRIPT SOURCES

note: this list includes some manuscripts that have been consulted, but to which reference is not made in the text

Library of Marchmont House, Polwarth, Berws.
(Sir Robert McEwen, Et)

Account of charge and discharge on Marchmont Estate, 9 February 1795 - 24 November 1824

Account of charge and discharge between Sir Wm. Purves Hume Campbell, Baronet of Marchmont, and Alexander Low his factor, 1814-1823

Acts of the Court of the Regalitie of Marchmont, 7 June 1709

Reading University Library (RUL)

1 Dunglass Estate MSS (RUL EAS)

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Berw.1/2/2 Labour book of payments and services on the Marchmont Estate, 26 May 1818 - 26 May 1819
Berw.1/2/3 Labour book of payments and services on the Marchmont Estate, 16 November 1833 - 24 May 1834

National Library of Scotland (NLS)
Yester MSS (uncatalogued)

1 References in NRA(S)
NRA(S) 0439 1/4/5
Miscellaneous eighteenth-century tacks of Yester estate
NRA(S) 0439 6/4/2
The lands and barony of Yester, 1590-91
NRA(S) 0439 5/4/5
Papers relating to the annuities of Lintoun and Newlands, 1671-81

2 References in Harvey and MacLeod (1930)
1777 Agreement between John, Earl of Tweeddale and Johne Douglas, mason in Gifergait ... construction of park dykes, May 29 1663
1802 Payment to Johne and William Douglas of £100 Scots for work on the Parke Dyke at Bothanes, November 12 1664
1912 Payment to John Douglas elder to account of his work wrought at the park dyke, November 15, 1665
2253 Receipt by James Kinnell for John Moubray, factor to the Marquis of Tweeddale, for £19 3s 4d scots for lime

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Roxburghe MSS (NRA(S) 0179)
0179 1/40/8/1
Charter concerning Wester Byrecleugh, August 28, 1663
0179 1/40/8/12
Charter concerning Easter Byrecleugh, January 21, 1665
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0179 1/40/8/20
Disposition by Patrick Redpath to His Grace John, Duke of Roxburghe of ... east and west Byreclough, May 18, 1730

0179 1/41/6 Instrument of Sasine of the lands of Handaxwood in favour of His Grace [John, Duke of Roxburgh] by Mr Ninian Home, March 4, 1720

Scottish Record Office (SRO)

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1 Buchan-Sydserff of Ruchlaw MSS (SRO GD 1/494)

1/494/17 Notarial copy of disposition ... of the lands of Pannscheill, Priestlaw, Kingsyde, Frierydike and Winterscheill, and Deuchrie, Chappelhaugh, Akiesyd Wood, etc., with common pasturage on Lammermuir, June 1, 1654

2 Biel MSS (SRO GD 6)

6/1686/2 Rental of Cockburnspath, 1672
6/1698 Rentall of the Baronies of Innerwood and Thorntoun, 1684
6/1699/1 Rentall of the Barronie of Cockburnspath, 1685
6/1699/2 Rentall of Cockburnspath, 1685
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6/1727 Abstract of the Rentroll of the Baronies of Dirletoun, Innerwick and Thorntoun, 1733-40
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12/163 Charter of the lands of Cranschawis, 1598
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Airlie MSS (SRO GD 16)

16/24/28 Instrument of resignation ... of the lands of Bownemylnerig, Bownewoode, Fosterhauche and the Cribbis, 1599
16/37/57 Disposition by Patrick Home of Polwart in favour of Alex. Home of Heuch ... of the lands of Corsbe, Bown, Adinstoune, Leithoid, Byarnot, Harlaw and Witsyd, 1558–9

Yester MSS (SRO GD 28)

28/832A Charter of Nethermuir farms, 1580
28/1033 Tack of Belsibus, Munkland of Yester, and Wodefute, 1606
28/1711 Charter of the lands of Pansheillis, Preistlaw, Kingsyde, Freirdyke and Wintersheildis ... and of Deuchrie, Chapelhauch, Aikiesyd and wood thereof ... and of Ramersyd, Ramerwood, Liehouss, Westermaynis of Stentoun, 1 December 1654
28/2263 Charter of the lands of Carfrae, Tulloshill, Suynhope, Longhope, Adinstoun, Whelplaw and Longcroft
28/2194 Tack of the overmilne of Yester with the astricted thiries of Yester, Castlemauns, Yester Park, Parkshank, Moreburn, Carniehaugh, Easter and Wester Hopes, Newlands, Snadoune, Fundhill, Rynslaw, Danske, Waltreeshott, 16 June 1690
28/2/1711 Charter of Lammermuir farms, 1654
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Elibank MSS (SRO GD 32)

32/22/2 Charter by James, perpetual Commendator of Melrose and Convent thereof on consideration of monies paid to them in their great need ... by James Hoppringill of Smallholme ... of the lands of Langshaw, 20 July 1549
32/22/4 Sasine in favour of Sir Patrick Murray of Elibank ... of the lands of Langschaw, Blainsleyis, and the feu farms of Eirstraik and Onsbyre, 15 August 1619

Hay of Belton MSS (SRO GD 73)

73/1/11 Rental of the Baronnie Belton and three roomes in Lammermoore: Priestlaw, Pendshiel, and Kingside, 1714–1716
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73/4/134 Proof taken before the Commissioner for the dividing of Dunbar Common, July 1832
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8 Douglas MSS (SRO GD 98)
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9 Hamilton-Dalrymple of North Berwick MSS (SRO GD 110)
110/355 Feu charter of the lands of Eirnischeucht, Fosterhaugh, Igrove (adjacent to Todhoillis and Pluckbie), 1588-9
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10 Innes of Stow MSS (SRO GD 113)
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11 Stair MSS (SRO GD 153)
153/122 Writs of the lands of Spotscheill, 1489-1585

12 Marchmont Estate MSS (SRO GD 158; presently being re-catalogued)
(no number) Rentall of the Earl of Marchmont's estate, 1724
(no number) Rental of the estate of Marchmont, 1731
158/20 Report relative to the Lordship and Estate of Marchmont, the Barony of Hume, etc. with various additions made to the original property by purchase, drawn up by order of Sir William Purves Hume Campbell of Marchmont and Purves, baronet [by David Low], 1819

13 Dunglass MSS (SRO GD 206)
206/1/6 Charter of the barony of Colbrandspeth, and of the lands of Bowscheill, Paddocklewche, Rawchensyde and Tourlie, 1587-8
206/2/7/171/1 The rental of Cockburnspath, 1682
206/2/7/171/3 The charge of Cockburnspeth rent, 1686-87
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14 Buccleugh MSS (SRO GD 224)
224/160/324-5 Papers relating to the division of Langton Muir, 1768-78
B. COURT OF SESSION PAPERS (SRO CS)

CS21 6/8/1772  Home v Wilkie: division of runrig at Coldingham
CS21 7/7/1807  Turnbull v Wemyss: division of Chirnside common
CS21 23/6/1786  Hay v Home: division of Duns common
CS21 24/6/1783  Hunter v Tweeddale: division of Innerwick common
CS25 2/8/1776  Hall v Home: division of Coldingham common
CS25 8/8/1775  Home v Home: division of runrig at West Reston
CS29 1/3/1769  Scott v Lauderdale: division of Wideopen common
CS40 2/9/1814  Hall v Stirling: division of runrig at Renton
CS46 8/4/1871  Borthwick v Tweeddale: division of King's Inch common
CS46 20/11/1833  Ferguson v Magistrates of Dunbar and others; division of Dunbar common
CS46 124/12/1836  Hunter v Dodds and other; division of Oldhamstocks common
CS238 C/19/36  Campbell v Turnbull: division of Greenlaw common
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12.9 (as Fig. 12.1)
Figure 2.1
KEY TO FIGURE 2.3: LANDFORM REGIONS

LOTHIAN PLAIN
1. Haddington
2. Lothian platform

SOUTHERN UPLANDS
3. Lammermuir Hills
4. Stow Uplands
5. eastern Lammermuirs
   a. eastern hills
   b. Quixwood Moor
   c. Coldingham Moor
   d. south-eastern valleys
   e. Duns uplands
6. Gala Uplands

BORDER LOWLANDS
7. Billiemire Gap
8. Lower Merse
9. Upper Merse
   a. Westruther platform
   b. Gordon platform
   c. Undifferentiated
10. Lauderdale

INTRUSIVE PLUGS
11. Dirrington Laws
Sub-Soil Regions

- St. Abb's Head
- Brown Forest B.F. with gleyed B+C horizons
- Calcareous + non-calcareous gley
- Peaty gley
- Podzol
- Peat
- Brown calcareous soils

Figure 2.4
Land Use 1970

Woodland: generalised (see text)
Grassland: generalised (see text)
Arable: generalised (see text)

Figure 2.5
Reclamation and Reversion
1860 - 1896

Figure 3.2
Reclamation and Reversion
1896 - 1905

St. Abb's Head

Reclamation
Reversion

0 2 4 6 8 10 km
Reclamation and Reversion 1923 - 1932

Figure 3.5
Reclamation and Reversion 1932 - 1953

Figure 3.6
Reclamation and Reversion
1953 - 1970

St. Abb's Head

Figure 3.7

- Reclamation
- Reversion

0 2 4 6 8 10 km
Figure 3.8
RECLAMATION AND REVERSION
1860 - 1970

Figure 3.9

- Maximum Moorland Edge
- Reclamation and Reversion
- Reversion only
- Reclamation only

Sources: OS maps, Land Use Survey, Fieldwork
Density of R.A.F. Air-Photo Cover of S.E. Scotland

Figure 4-3
Seasonal Differences in R.A.F. Air-Photo Coverage

August 1947

October 1959
April 1946

October 1959

October 1959
April 1946

April 1946

Figure 4.4

Location of
1 Fig 4.6
2 Fig 4.7
KEY TO SYMBOLS AND ENUMERATION ON AIR-PHOTO OVERLAYS
(Figures 4.6 and 4.7)

SYMBOLS:
- abandoned settlement sites
- limit of cultivation ridges
G gullied cultivation ridges
--- head dyke
--- pre-improvement dyke or fence
--- post-improvement dyke or fence
--- limit of the moorland core
--- gullied open or sheep drains
--- footpath or track
S sheep or open drain
F afforestation
* abandoned sheep fank
+ recent sheep fank or stell

ENUMERATION: 1-4 cultivation ridges

1. curved, irregular breadth, normally over 7.0 m, amplitude often over over 0.2 m, wide furrows sometimes with a secondary ridge of discarded stones

2. straight, regular breadth, normally under 5.0 m, levelled (amplitude generally under 0.1 m), narrow furrows with no secondary ridge

3. straight, regular breadth, normally over 5.0 m, levelled (amplitude generally under 0.1 m), narrow furrows with no secondary ridge.

Figure 4.5
4. superimposed patterns of types 2 or 3 over type 1

5-7 settlement sites

5. sites with a pre-improvement morphology

6. sites with a post-improvement morphology, but abandoned before 1860

7. sites recorded on O.S. maps, of which settlements clearly abandoned on aerial photographs (1946-59)

8. head dykes
Figure 4.6

BEDSHIEL
(for location, see Fig 4.4)
COMMENTARY ON FIGURE 4.6

SDD : RAF : 106G/SCOT/UK 20 : 7121 (15.4.46)

scale 1 cm - 0.11 km

BEDSHIEL (Bedshiel Farm, A.D. Elliot Esq.) Greenlaw, Berws.
(GR 6952)

CULTIVATION RIDGES

Type 1

1a pronounced ridges: amplitude c.0.3-0.5 m, breadth c.8.0 m, ridge-furrow ratio 3:7; narrow furrows and regularity of breadth suggest some post-improvement modification; dark tones on ridges (low Calluna, Nardus), light tones on furrows (Nardus, Juncus)

1b pronounced ridge morphology (amplitudes c.0.2 m, breadth 6.0-8.0 m); ill-defined tones owing to Nardus-Molinia cover

1c amplitude c.0.2 m, breadth c.0.7 m; reversed tones: light ridges (Festuca ovina), darker furrows (Nardus, Deschampsia, Juncus)

1d amplitude c.0.2 m, breadth c.0.9 m; tones as for 1c

1e less pronounced ridges: amplitude 0.1 m, breadth c.0.6 m; little vegetation pattern: Nardus

1f amplitude 0.3 m, breadth up to 14.0 m; light toned ridges (Deschampsia flexuosa, Festuca ovina), darker furrows (young Calluna) possibly the result of overburning

1g amplitude 0.1-0.2 m, breadth 0.6 m; defined by shadows and vegetation

1Gh gullied cultivation ridges (slopes of over 10° on Dirrington series, a freely drained peaty podzol)

Type 2

2a straight, narrow ridges: amplitude less than 0.1 m, breadth c.4.0 m, ridge-furrow ratio c.2:9; Festuca ovina on ridges, Festuca ovina and Juncus in furrows

2b as 2a

2c less pronounced ridges: amplitude 0.05 m, breadth c.4.0 m; similar tonal patterns
Type 3
3a as 1a
3b straight, levelled and broad ridges; amplitude 0.15-0.20 m, breadth 9.0-10.0 m, ridge-furrow ratio 2:9

Type 4
4a straight and narrow ridges (as 2a) overlie discordant, curved, broad ridges (as 1d) all ridge crests defined by Deschampsia flexuosa against darker Calluna in furrows
4b straight, wide ridges (as 3b) overlie discordant curved, broad ridges (as 1d)
4c straight, narrow ridges (as 2a) overlie concordant broad ridges; secondary post-improvement furrows established on the crowns of the earlier ridges (infra, ridge classification, Chapter 6)

SETTLEMENT SITES

pre-improvement
5 uncertain site; possible rectangular dwelling and yard defined by Deschampsia and Pteridium against Calluna

post-improvement
6a rectangular, divided dwelling with square yard; adjacent enclosure and improvement of cultivation ridges suggests post-improvement abandonment
6b rectangular, divided dwelling with 2 square yards; similar suggestion of post-improvement abandonment; remains of walling defined by darker tones

S_1  herring-bone drainage pattern typical of much of the unimproved moorland in the study area
S_2  contoured open drainage
8a head dyke: no discernible height; vegetation patterns indicate breadth c. 3.0 m

INTERPRETATION SUMMARY
The arrangement of ridge types can be interpreted as a gradual contraction of the cultivated area southwards away from the head dyke, perhaps during the period of improvement. Contraction continued soon after the improvement and is recorded on early O.S. maps
ELLEMFORD
(for location, see Fig 4-4)
COMMENTARY ON FIGURE 4.7

SDD : RAF : 58/RAF/3262 : F64 : 0190 (15.10.59)

scale 1 cm - 0.076 km

ELLEMFORD (Ellemford Farm, S.E.A. Landale Esq.) Longformacus, Berws. (GR 7262)

CULTIVATION RIDGES

Type 1

1a partially levelled; Festuca ovina; encroaching Pteridium and Juncus; breadth c.8.0 m

1b unusually narrow ridges for pre-improvement date; dark crown (Calluna); lighter furrows (Molinia, Juncaceae). Possibly some 18th c. narrowing and straightening; breadth c.5.0 m

1c poor tonal differentiation; growth of young Calluna on both crown and furrow; pronounced reversed-S shape

1d reversed tonal differentiation; Calluna replaced after burning by Deschampsia flexuosa and Pteridium on crowns; young Calluna showing quicker regeneration in furrows

1e tonal differences due to shadows; Pteridium on both crown and furrow

1f poorly defined owing to cover of Pteridium and young Calluna; little shadow contrast

1g Pteridium cover; some ridges defined by Deschampsia flexuosa and Festuca ovina

1h uncertain ridge pattern; probably natural drainage lines

1Gi gullied furrows

1j pronounced ridges: amplitude c.0.2-0.3 m, breadth c.8.0 m; secondary stone ridges in furrows (supra, ridge classification, Fig. 4.5); defined by shadows and vegetation

Type 2

2a straight, narrow ridges; breadth c.4.0 m; amplitude c.0.1 m

2Gb gullied ridges; breadth 5.0 m
Type 3
3a pre-improvement ridges levelled (amplitude c.0.1 m) but not straightened; breadth c.5.0 m; post-improvement secondary furrows on early ridge crowns (supra, ridge classification, Fig. 4.5)

Type 4
4a modern drainage lines over pre-improvement curved ridges (breadth c.6.0 m; amplitude nil); defined by variable growth of sown grass

SETTLEMENT SITES

pre-improvement
5a post-medieval but pre-improvement dwelling and kail-yard defined by grass and Pteridium amongst Calluna. Typical location at upper limit of associated cultivation
5b site of similar date, with detached kail-yard. Similar sitting above cultivation
5c possible site of steadings (rectangular dwelling?) overlaid by secondary sheep fank built of stone from earlier settlement. Deschampsia and Festuca in Calluna
5d probable site of steadings: rectangular, divided dwelling with oval yard. Deschampsia and Festuca on shallow soils overlying walls of dwelling
5e farmstead site: rectangular divided dwelling with kail-yard
5f possible site of steadings: morphology uncertain
5g possible sites: rectangular steadings, one with a kail-yard; appear secondary to cultivation ridges; defined by shadows and Pteridium

post-improvement
6a square or rectangular dwelling with rectangular yard; possibly post-dates adjacent sites; may be a secondary sheep fold. Defined by Pteridium and Deschampsia flexuosa in Calluna

post-1860 abandonment
7a out-building and associated walling for sheep shelter; late 19th c.

F FOREST FURROW PATTERNS
F1 breadth c.2.0 m
F2 breadth c.0.5-1.0 m

S OPEN (or SHEEP) DRAINAGE PATTERNS
INTERPRETATION SUMMARY

1 Head dyke and other pre-improvement dykes are easily confused with modern gullied sheep drains. In some areas the sheep drains may follow linear mounds of early dykes.

2 A complex area of at least 4, possibly 7 (probably contemporary), settlements with their associated cultivation defined by dykes. The whole area enclosed by a head dyke c.2 km$^2$. Possibly abandoned in stages (viz., steading 5e before 6), the final stage being c. early improvement (c.1770-80). Area associated with site 7a was enclosed and reclaimed 1864-94 (OS), reverted 1932-46 (LUS and air-photographs)
KEY TO FIGURE 4.8: CONFIRMATION OF AIR-PHOTO MAPPING
OF ABANDONED CULTIVATION

1. Rejected after interpretation of duplicate coverage
2. Confirmed after interpretation of duplicate coverage
3. Confirmed after second field check
4. Rejected after second field check
5. Additional area located by field traverse
6. Additional area located after interpretation of duplicate coverage
7. Abandoned cultivation located after first interpretation and first field check
Confirmation of Air-photo Mapping of Abandoned Cultivation

Figure 4.8
Abandoned Settlement Sites in S.E. Scotland

Sites confirmed by field check
Sites NOT confirmed by field check

Edge of Moorland Core Cultivation Abandoned pre-1860

Figure 4.10
Steadings Abandoned
1596 - 1860

Figure 5.2
Figure 5.3

Abandoned Steadings and Abandoned Land

St. Abb's Head

Associated abandoned land

Edge of Moorland Core
Cultivation Abandoned pre-1860

0 2 4 6 8 10 km

N

Abandoned pre-1860, St. Abb's Head

Figure 5-3
Parameters of the Cultivation Ridge

**TYPE 1**
- Median
- Wave-length
- Amplitude

**TYPE 2**
- Median
- Wave-length
- Ridge-furrow ratio

**TYPE 3**
- Median
- Wave-length

Figure 6.1
Wave-length of Cultivation Ridges

Figure 6.2
Estimates of ridge-furrow ratio and amplitude of cultivation ridges

Ridge-Furrow Ratio

Amplitude

Figure 6.3
LANDSCAPE EVIDENCE FOR DATE OF FORMER CULTIVATION

Figure 6.4

Pre-Improvement
- Type 1 cultivation ridge
- Form of settlement and enclosure

Post-Improvement
- Type 2/3 cultivation ridge
- Type 4 cultivation ridge
- Modified Type 1 cultivation ridge
- Form of settlement and enclosure
- Date not known

Sources: aerial photographs and field work
For explanation, see text
Steadings Mapped in 1682
But Not in 1600
(East Lothian only)

Figure 7.2
Steadings Abandoned

(A) 1600 - 1750
(B) 1650 - 1750

Confirmed
Not Confirmed

St. Abb's Head

Edge of Moorland Core Cultivation Abandoned pre-1860

Figure 7.3
Steadings Mapped in 1750 but not in 1600 (A) or 1650 (B)

Figure 7.4
Steadings Abandoned
1750 - 1770

Figure 7.5
Steadings Mapped in 1770 but not in 1750

Figure 7.6
Steadings Mapped in 1800 but not in 1770

Figure 7.8
Steadings Mapped in 1825 but not in 1800
Steadings Abandoned
1825 - 1860

- Confirmed
- Not Confirmed

A 1824 - 1853
B 1825 - 1855/7
C 1827/8 - 1852/54
D 1838 - 1857/60

Edge of Moorland Core
Cultivation Abandoned pre-1860
Steadings Mapped in 1860 but not in 1825

- Confirmed
- Not Confirmed

A 1824 - 1853
B 1825 - 1855/7
C 1827/8 - 1852/54
D 1838 - 1857/60

Edge of Moorland Core
Cultivation Abandoned pre-1860

0 2 4 6 8 10 km
Figure 7.13
Abandonment 1600 – 1750

St. Abb's Head

Steading
Steading not confirmed
Cultivation
Cultivation not confirmed

Edge of Moorland Core
Cultivation Abandoned pre-1860

Figure 7.14
Temporary Abandonment
1600 - 1750

St. Abb's Head

Edge of Moorland Core
Cultivation Abandoned pre-1860

Figure 7.15
Reclamation 1750-1770

St. Abb's Head

New steading
Within moorland core
Outside moorland core

Edge of Moorland Core
Cultivation Abandoned pre-1860

Figure 7.16
Abandonment 1750-1770

Steadings

Steadings not confirmed

Core of Moorland Cultivation

Cultivation not confirmed

Cultivation Abandoned pre-1860

Edge of Moorland Core

Figure 7.17
Temporary Abandonment

1750 - 1860

Figure 7.18
Reclamation 1770-1800

Figure 7.19
St. Abb's Head

Abandonment 1800-1825

- Steading
- Cultivation not confirmed
- Cultivation confirmed

Edge of Moorland Core

Cultivation Abandoned pre-1860

0 2 4 6 8 10 km

Figure 7.22
Abandonment 1825-1860

Figure 7.24
Steadings abandoned before 1600
(Not Confirmed)

Associated abandonment

Edge of Moorland Core Cultivation Abandoned pre-1860

Figure 7.25
Granges of:
- Melrose Abbey
- Kelso Abbey
- Dryburgh Abbey
- Newbattle Abbey
- Coldingham Priory
- May Priory
- Haddington Nunnery
- Soutra Hospital

Edge of Moorland Core
Cultivation Abandoned pre-1860
Figure 8.2

"Shiel" Place-names

- in use
- obsolete

Edge of Moorland Core
Cultivation Abandoned pre-1860

St Abb's Head
Steadings abandoned 1600 - 1750: the map and MS evidence
Land Use in the Study Area: 1866 - 1900 (Source: MAFF returns)

Improved Land in the Study Area: 1866 - 1900 (Source: MAFF returns)
Isolines of Average Windspeed

Figure 9.1
Exposure and the Cultivation Limit

Figure 9.2
Accumulated September PWS: Whitchester (225 m O.D.) 1916-1950
PWS and the Cultivation Limit

St. Abb's Head

Moorland 1960

20 mm PWS

Figure 9.5
Isolines of Accumulated Summer Warmth

Base: 40°F
1900/2100/2200 day-degrees F

Over 800 feet

St. Abb's Head

Figure 9.6
Summer Warmth and the Cultivation Limit

Figure 9.7
Summarizing Summer Warmth as a Limit to Cultivation

Figure 9.8
Climatically Marginal Land in south-east Scotland

Figure 9.9
FREQUENCY OF HARVEST FAILURE, BY ALTITUDE, IN SOUTH-EAST SCOTLAND (data: 1856-95)
Isolines of Frequency of Harvest Failure (1856–95)

Due to inadequate accumulated summer warmth.

Over 800 feet

Frequency of 2 consecutive failures in brackets

Figure 9.11
The Elevation of Abandoned Land
The Elevation of Abandoned Steadings

St. Abb's Head

Steadings abandoned before 1600
1600 - 1750
Climatic limits of marginal land

Over 800 feet

Figure 9.13
TREND OF ACCUMULATED TEMPERATURE (AD 1150-1950), at sites on the climatic limit to cereal cultivation (1900 day-degrees F) in 1856-95: SOUTH-EAST SCOTLAND (base 40 F)

TRENDS OF FREQUENCY OF CROP FAILURE (AD 1100-1950) due to inadequate summer warmth, at sites on the climatic limit to cereal cultivation (1900 day-degrees) in 1856-95: SOUTH-EAST SCOTLAND
TREND OF PWS (1100-1950) at sites on the climatic limit to cereal cultivation (1900 day-degrees F) in 1856-95: SOUTH-EAST SCOTLAND.
Climatic Deterioration: A.D. 1300 - 1600

Fall of isolines of 1900 d/d F and 60 mm PWS

Figure 10.3
Climatic Amelioration A.D. 1700 - 1910/60

Rise of isolines of 1900 c/d F and 60 mm PWS

Figure 10.4
Historically Marginal Land

Climatic limits to cultivation in:
A.D. 1300
A.D. 1600

Edge of Moorland Core Cultivation Abandoned pre-1860

Figure 10-5
Marginal Settlement A.D. 1600

Climatic limits to cultivation in:
A.D. 1400 + 1530
A.D. 1600

Lower limit to marginal land:
A.D. 1600

Figure 10.7
Land Abandonment and Climatic Deterioration 1600-1750

Steadings abandoned 1600-1750
Land abandoned c. 1600-1800
Climatic limits to cultivation in
A.D. 1400 - 1530
A.D. 1600
Lower limit to marginal land
A.D. 1600

Figure 10.8
Pattern of Estates, 1947

by permission of D.A.F.S.
Figure 11-4

Fiars price of oats per imperial quarter at Haddington, 1643-1900, in shillings sterling (7-year running means)
Price of Cheviot Wethers, 1821-1900, in shillings sterling (7-year running means), with estimates 1750-1820.
Price per lb. of wool, 1720 - 1900, in (old) pence, (7 running means) with estimates 1797 - 1819
Population of the Lammermuir area, 1755 - 1970 (excluding parishes of Fala and Soutra, Humbie, Stow; Crichton, Melrose)
PRIMARY RECLAMATION
1860 – 1970

Figure 12.2

Abandoned Land
Edge of Study Area
Edge of Moorland Core

Sources: O.S. county maps, air photos, field survey, MSS
TEMPORARY LAND ABANDONMENT
1600 - 1970

Abandoned Land
- Edge of Study Area
- Edge of Moorland Core

Sources: County maps, O.S. airphotos, fieldwork, MSS
Limit of Cultivation 1770

Figure 12.7
Limit of Cultivation

Over 800 feet

Figure 12.9