reasons for Rob and Angus to emigrate:
---economic: dubious future of wheelwright shop
---social: dislike of the bossy society—the churchmen, mill- and landowners, lairds.
---Lucas Barclay's example: the idea of land of their own was powerful.
---restlessness within society: millworkers begin to strike, fishermen to give up
---Scotland seemed to be coming down with a fever.

see: "Scottish Migration Overseas" ph'copy excerpt (Miscellaneous)
    Destination America ph'copy excerpt (Miscellaneous)
    The Scots Overseas ph'copy excerpt (Miscellaneous)
Nethermuir—its characteristics as researched in Scotland

photocopies:
Brechin (9,000 pop.)
commercial directory (Slater's, 1889) for Anstruther (pop. 1300)
Carnoustie (pop. 3300)
Kirriemuir (pop. 6600)

gazetteer descriptions (Ordne Gaz'r of Scotland) of Forfar, Forfarshire, Kirriemuir, Anstruther, Ceres, Panbride, Brechin

misc. newspaper items and book excerpts about 1889 life

file cards:
Fifeshire Journal items, late 1888 and first 6 months of 1889

map:
Dundee ordnance survey

books:
Victorian and Edwardian Fifa
Angus Country Life pamphlet

picks:
'79 trip, Panbride area; '84, Brechin and Kirriemuir
The Wheelwright's Shop—George Sturt

4—early 1700s, wheel-maker built dung carts, wagons, ploughs, harrows

5—Doubts that his g'father, as family legend had it, cd have made a stage coach wheel a day on piecework terms in London: "Without machinery, to mortice a stock, foot and shave and drive and tongue the spokes, bore and perhaps mortice and shave and wedge on the felloes...all in a single day" even though hrs were 5 a.m. to 8 p.m.

23—"All round me I saw and heard of things being done...that had always seemed to me wicked--things as painful to my sympathies as harnessing a carriage-horse to a heavy dray, or as pulling down a cathedral to get building-stone."

34—sawyers in saw pit: top-sawyer on top of length of tree, guiding saw along chalked (or charcoaled) line, bottom man in pit

38—"I do not remember seeing a sawyer laugh. A sort of apathy was their usual expression. They behaved as if they felt they were growing obsolete."

38-9—sawyers were drinkers; and worked in pairs, so were no good without their mate. One would drift in first, get tired of waiting, go off to a pub; other wd arrive, find his mate not there, set off drinking on his own. "Now and then, in a fit of repentance, the two mates would try to work on cold tea, keeping bottles of it tucked away in corners."

55—The workmen "were friends, as only a craftsman can be, with timber and iron. The grain of the wood told secrets to them."
"It was my father who was furnaceman at "shoeing" (putting the iron tyres on the wheels); who sharpened the pit-saws, acted as 'striker' to the smiths for special jobs, stacked the timber..."

"dung-carts, lime-carts, gravel-carts were alike in this, they were wider by two inches at the back than at the front."

When a newmade wagon was hoisted onto its wheels, it was called "getting her onto her legs."

Front wagon wheels 4'2" high ("that is, in diameter"); hind, 5'2" high

3' wheels of dray or van

Wheelwright who "was becoming more and more a mechanic—a cog in an industrial machine."

Slater's Directory, 1889—"cartwright" listed in Broughty Ferry (Monifieth).
Standing over one side of the town the cathedral tower high and round as a lighthouse; over the other the square tower of the Mechanics’ Institute bestowed by Lord Keir, with its gilt family crest showing the long dogs of the lord and the motto in Latin which we translated as "Formerly robbers, now thieves."
Brechin—impressions to use for Nethermuir:

---A twisty town, the High Street wending down hill toward the river bottom, closes and wynds squirming frequently from the High Street.

---High forested ridge across the river can be seen between gables of the bldgs.

---Town House is not imposing nor on dominant site; instead, usefully sits where the old market cross was, still the central intersection of High Street.

---give Nethermuir straightforward street names in the styles of St. A and Brechin, possibly: High Street, Bridge Street, Cathedral (or Tower) Street, Mill (or something to do with linen) Street...

---put the wheelwright shop down along river bottom, near the big square–towered linen mill. Angus's family could live at edge of town; see Sturt's descptn of his workman Cook's cottage life, pp. 110+. Angus and the wrights can see and have contact with the millworkers. Flat area for the wheelwright shop's woodyard, there in the bottomland. Stone bridge nearby.

---give N'muir cobbled streets of whinstone, roof tiles etc. from Carmylie quarry; roundheaded stone walls: a thoroughly stone town, a place that looks as much chiseled, sculpted, as built.

---Mechanics' Institute also houses the grammar school where Angus and Rob went.

---color of the town: could be like C's pics of S. Esk church, like Kirriemuir's rust-red; or Arbroath's dusty red; or could be grayer, like the cathedral etc.

---Clock faces on high, all with Roman numerals: cathedral spire, Mechanics' Inst.,

OVER
one or two of the churches; also give the mill tower a clock, so that the millworkers joke about "going to Parliament" (similarity to Big Ben) when they go to work. All these clocks strike the hour(?), but the cathedral clock dominates, hard clangs like the ring of an anvil.

—cathedral clock: two-note chime at each quarter-hour; so, eight chimes at noon, then the 12 clong-clong-clong...

—Only the cathedral clock, of the town's many, makes noise on the hour etc.
Brechin impressions for Nethermuir/2

--round tower of cathedral like a lighthouse; reminds Angus of his grandfather who worked on Bell Rock.
--above door of Mechanics' Institute, crest of greyhounds, the lord's long dogs, and carved motto Clementia et Animus (find a pun to fit "et"—ate?).
--Institute is through "generosity of Lord Panmure"; for N'muir, make it Lord Keir(?), early version of Kirriemuir was Gaelic "carrou mor," the big quarter, the big division (The Regality of Kirriemuir, Alan Reid, p. 9).
--Over the high ridge above N'muir the land slopes down to the German Sea (North Sea), with a burn like the country around Panbride photo'd by C in '79. Angus, a great walker, does this route as often as he can; sometimes persuades Rob, who is not so keen a **hiker**.
--farmland around Brechin and Kirriemuir is not so prosperous looking as the plump farms of Fife.
--A gentle countryside, unperturbed; but Angus and Rob are of an age, and a mood, to perturb or be perturbed. (artisans, *prosperity*)
--individuality of architecture on Brechin; imagination, v. lack of it in K'muir. --density of backyards, houses, walls, all so close together; this time of year, with the flowers thick amid it all, it's pretty.
Perhaps make N'muir a gray stone town, "not like the rust-red of *Arbroath*, Kirrie-muir or the dust-red of Arbroath", so the gray of the Rockies looks familiar to Angus and Rob.

Also, if the town was gray stone, Angus cd remember "the gray accusing spires" of the churches and cathedral.
Brechin, impressions for Nethermuir/3

— Brechin map/guide mentions (#12) fancy house built by linen merchant who went broke. N'muir could have one built by a Fifie—native of Fife—who had his built with crow-stepped gables and brought in the red roof tiles of Fife instead of local dark roof slate. This fallen-on-hard-times place near crowded area where linen workers live could be site of the adventure school Angus goes to.

River for N'muir cd be the Muir—none listed in Ordnance Gazeteer, though many other uses with "muir" root are.

—or it could be the Carrou, from Gaelic meaning "big" (Regality of Kirriemuir, p. 9 extract)
photocopies:
- school reminiscences (marked "Details—education")
- Wheelwright's Shop excerpts
- Useful Toil excerpts

file cards:
- education & school inspections
- Fifeshire Journal items, late 1888 and first 6 months of 1889 (in Nethermuir cards)
- Wheelwright's Shop items (in Nethermuir cards)

books:
- Victorian and Edwardian Fife
McCaskill family background, as researched in Scotland

**photocopies:**
- Bell Rock lighthouse narrative history (*World's lighthouses before 1820*)
- " " stonemason info (*Arbroath: Past and Present*)
  --see p. 168, certificate excusing mason from press gangs

**file cards:**
- Destiny Obscure extracts, in Nethermuir cards
town for Angus and Rob to be from:

Nethermuir
(check gazetteer of Scottish place names and dictionary)
(nether: seen as part of street name in Crail or Anstruther today.
muir: west of Forfar is Kàrrriemuir, flanked by Southmuir, Northmuir, Westmuir)

Rev. James Bell - Auchtermanochie minister
McNeil family - from America - letters

Use: Neth' Di'g of Scotland
Gazeteers
Table of Land Measures in foot: Danish mile, 6278 feet

p. 588 - only Nethermuir in Nethermuir House, "real", Aberdeenshire, 1 1/2 m of Auchnagatt St.
840 Years' Reminiscences

216-7: fox hunt
245-6: " " : woman hung up

p. 255—"4th March (1890) Forth Bridge opened by the Prince of Wales...It was blowing a hurricane and bitterly cold. We took plenty of plaids and a carriage apron...got on the lee side of one of the iron pillars, rolled the plaids round us, and remained there. Hats flew away by the dozen, and the ladies' petticoats got up to the point from which they wouldn't go down again! The Prince came slowly across the bridge in a train, and on its return we got under the shelter of the carriages and walked alongside of them."
The New Statistical Account(?) of Scotland
—is there one for the 1880s?

or: 1880s counterpart to Statistical Account of Forfarshire by Ministers of the Respective Parishes (1833) (in research file)

- Ordinary Gazetteer of Scotland
- Fraser's
- Faie: Pictorial & Historical
- other sources on village life?

Dean Ramsay, Reminiscences of Scottish Life & Characters; check out?
Sidlaw Hills, n. and w. of Dundee

---see Angus Country Life pamphlet, p. 3, for geography around Brechin
Neil Gunn: The Man and the Writer—p. 367 quote on Highlands v. Lowlands: perhaps have Angus say, on voyage or elsewhere early in book, something like:

We were not Highlanders, eager to feud for fifty years over a patch of heather.
Just what can be known of a person of the past

(have Angus say of his stonemason forebear?)
Rob to Angus, possibly aboard ship:

What do you think, schoolman? Are we beginning the world at the right end?
Useful Toil: autobiogaphies of working people... ed. John Burnett (1974)

320-330: wheelwright
31-40: tinsil worker
Dundee Directory, 1893-4

Names: Gordon
(all mutual listings)

Davidson
Myles
Wilkie

* Taylor
Sharp
Taske
Ritchie
Keir (4)

Slater's Dir'y, 1889—gentry, various Kerrs but no Keir

Henderson
Craig
Findlay
Fairweather
Angus, about his work at wheelwright shop:

I dropped into the job. If the chance had come at 00 or 00 or even the linen mill, there I'd have been. But Rob was aimed into a wright's life.
A pack of spotted spaniels outran the Laird's carriage on visits to the school...
(see ph'copy of Schools and Schoolmasters of Banffshire, p. 68, in Schooling file)

--Angus and/or Rob see, and resent, that Lord Keir supports throngs of dogs--
these spaniels, foxhunting dogs, deerhounds--at an expense that provide a living
for several families.

----spotted spaniels that had no use except to lollop ahead of the carriage
whenever the Laird went somewhere...
John S. Creasey - Librarian & Information Officer, Inst. of Ag History 
& Museum of English Rural Life, U. of Reading

Reading phone box address: Ag H in Inst., Whiteknights, Reading, Berks.
Edinburgh - New Reg. House  26 July '84

Brecken - 1891 Census  (Reg. Dist. 245, Brechin, County of Fife

Mentone St. -

- occupation inc: ironfounder
  blacksmith (m)
  baker  (m)
  coachman
  cool clerk
  hawker
  butcher  (m)
  gas fitter
  paper mill laborer
  general laborer
  meat miller
  tailor
  tailor's wife
  mason - builder
  gardener
  bleacher

  milliner (f)
  factory worker (f)
  weaver (f)
  loom weaver
  ventiner (f)
  power loom weaver (f)
  tenter (m)
  dressmaker
  linen dresser (m)
  paper (Mrs. Janet Navin, widow, 80, b. Brechin
  newspaper boy (13 yr-old, 1 of 5 children under 15)
  bleachfield worker
  laundress (42 yr-old widow)
heackle worker (15 yr-old son) → linen cloth picker (f.)
(“” → to draw flax [J's son's Die]) general domestic servant
retired postman (65 yr old) ← (39 yr-old woman, dir of post'd p'man)
plaster (butcher-J's son's Die) confectioner (f.)
factory foreman
potato vendor
mason's apprentice (14 yr-old boy)
Brechin - 1891 Census - 1/2

Montrose St.: population 231 in 60 houses; 114 windowed rooms

- Geo (iron foundry, 45) & Ellen (43) More, 7 children, oldest 15
- Robert (general laborer, 50) & Jane (42) Hampton, 6 "", 5 girls, oldest 14 yrs (a linen worker)
- Wm (meal miller, 36) & Elizabeth (40) Cowley, 5 children & a boarder
- Harriet (widow, 50) Burnett, 7 children (16 yrs old boy), linen (a textile worker)

- Andrew, 15 yrs old, unem., bleacher (b. England)
- Harriet, 25 "", laundress, weaver (b. Dundee)
- Helen, 15 "", emb. work from childhood (b. England)
- Joseph, 13, mill worker (he has younger children b. Brechin)
- James, 10, youngest (38)
- David (laundress, 44) & Betsy Grant, 6 children, oldest 14 yrs old Wm.,
- John (potato vendor, 49) & Mary (48) Binnie, 8 "", oldest 25 yrs old Margaret,
  - 2 other dau., wag as flax, weavers
  - son, 14, wag as "mill worker, rope shifter"
- Linnie, 12, scholar
- several families of 3 children or more
Breckin -1891 census/3

Montrouge St. - great majority born in Breckin
(exceptions: Margaret Fraser, 19 yr old linen weaver, b. “America (Brit. Sub.)”
- her father Wm b. Logie Perth, For’th re
- Annie Taylor, 68 yr old, unm., “Late Beachfield Weave,” b. H. Glasgow
- Annie Erskine, 53” “ weaver, b. Aberdeen
- John Taylor, ret’d postman, also pt Glasgow 1790, 6 sister?
- Geo. More, carpenter, b. Goree, Fife; wife in Scoonie, Fife

<table>
<thead>
<tr>
<th>Names</th>
<th>Family</th>
<th>First</th>
<th>Last</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terrae</td>
<td>Leslie</td>
<td>Neil</td>
<td>Jeanne</td>
</tr>
<tr>
<td>Whyte</td>
<td>Elie</td>
<td>Walker</td>
<td>Isabella</td>
</tr>
<tr>
<td>Petrie</td>
<td>Mclla</td>
<td>James (very common)</td>
<td>Betsy</td>
</tr>
<tr>
<td>Christie</td>
<td>Hurdie</td>
<td>Simon</td>
<td>Catherine</td>
</tr>
<tr>
<td>McIrene</td>
<td>Grd</td>
<td>Walter</td>
<td>Jessie</td>
</tr>
<tr>
<td>Cruchton</td>
<td>Sangster</td>
<td>Robertina (mother: Robert)</td>
<td></td>
</tr>
</tbody>
</table>
Breechin - 1891 census

Montrose St -
"Rooms c. 1 or more windows" - mostly 1 or 2
"Engineer & Gas Manager", c. 50 of 5 children, has 8

"Deaf & Dumb; Blind; Lunatic, Ambulant or Idiot" - 1, 16 yr. old Helen Bennett

old persons: 80 yr old pauper Janet Nairn
68 " " " late black/old woman" Annie Taylor
65 " " " retired postman John Taylor
81 " " " Isabella Bennett, household of
57 yr old widowed dau, flax reeler
41 " " " " " " " " "
26 " " " " " " " "

parents are mostly in 40's; no old men except retired postman
at is overwhelmingly children - "scholars" at 12, "ac when (women) @ 13/"
Brockin, 1891 census/5

- Montrose

Abstract totals for volume:
152 inhabit'd houses, 15 uninhab.
310 males, 415 females
415 windowed rooms
<table>
<thead>
<tr>
<th>pop.</th>
<th>hse.</th>
<th>windows or rms</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>odd #d</td>
<td>5</td>
</tr>
<tr>
<td>23</td>
<td>homes</td>
<td>6</td>
</tr>
<tr>
<td>24</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>24</td>
<td>5</td>
<td>8</td>
</tr>
<tr>
<td>24</td>
<td>5</td>
<td>14</td>
</tr>
<tr>
<td>24</td>
<td>even #d</td>
<td>7</td>
</tr>
<tr>
<td>25</td>
<td>homes</td>
<td>6</td>
</tr>
<tr>
<td>25</td>
<td>7</td>
<td>9</td>
</tr>
<tr>
<td>13</td>
<td>4</td>
<td>114</td>
</tr>
</tbody>
</table>

Total: 60
A Shepherd's Life, W. H. Hudson
Victorian & Edwardian Type

p. 14 - poverty bred eccentric clothes
65, pic 2 & 4: chin line beards wearing long faces
pic 14 - women in hats & aprons
   13 - small clay pipe, no longer than a finger
   23 - "brute" - lamplighters - wearing shawl or blanket
28 - 1870s clothes still worn in 1920s.
   - prevalence of children
   - thick clothes of poor; "shabbily solemnity"
   - unsmiling photos
29, pic 25 - Forth Rail Bridge
   26 - barefoot children
   28 - Large bootmen's rhyme
   34 - cobbled High Street
   37 - "original Italian ice cream" sign
   43 - various wagons
Victorian & Edwardian Fashions

Pic 46 - Ceres church & stone wall (my note: churches are old as time)
Pic 47 - boys' faces
Pic 50 - laundry flying above st.
51 - haystack; boys on taster-totter
52 - woman in tipped & bombazine, carrying parasols
56 - town cross

- plate glass windows in shops; ads display outside
Pic 57: postman - "postie"
58: signs all over front of grocery store
60: saddle & harness-makers; some women wear ties under aprons
62: despatching dept. of linen mill
64: workman wearing caps on job
70: fish cleaners c bandaged fingers
71: fancy carriage of hotel (my note: have. Barclay carriage shop supply a Dundee hotel?)
Victorian & Edwardian £12/5

pic 72: fisherfolk's st.
" 73: herring basket
" 76: barge fishwife
" 78: haymaking: lying on stack?
" 80: sowing by hand c. 1890.
" 84: haystacks & tons of work horses
" 86: knifegrinder (my note: see his face)
" 90-91: market & fair
" 93: steamship captain

p. 88: Tay Br. collapsed in 1879.

pic 115: Tay Br.
" 120: some students barge, some in hobsnails
" 126: carriage bus
The Scotsman Trade Review, Wed. Apr 26, 1939 (Angus Folk Museum)

Pit of wheather 'ringing wheels at a smitthy in Arbroath'

- difference between Townhouse & Town hall?
wheelwright shop

--Rob's father was being trained for a profession but instead inherited the shop, was earnest but none too skilled at running it.
--Rob has been an apprentice since leaving school (older brother is in line to run the shop); nearing 7 years of it, his ability is crystalizing now--see Sturt "Skilled Workers" excerpt, p. 322)

--apprentices as builders of wheelbarrows; p. 327, sawing felloes
--Sturt "Skilled Workers," p. 325: winter work of tracing cuts for sawyers. Rob's father too museful and self-absorbed at this; nicknamed for slowness by the sawyers.
--"Skilled Workers" p. 327: sawing wagon bottom boards--"your arm knew about it."
--view of woodlands on ridge above N'muir from shop: Angus thinks of more wood waiting to become wagons etc. (As in Shakespeare, "Birnam woods come..."
--Sturt p. 10: diagram of shop
--have the ground behind the shop rise toward the N'muir cathedral?
pic of Brechin rowhouse, black thumb-size stones are set into seams of mortar, so the house looks as if made of dotted lines. Use this some way, in Angus's memory of Nethermuir family cottage?
Arbroath

Discovering East Scotland—Duncan Fraser

49. Carmyllie quarry, 7 mi w. of Arbroath; red sandstone for pillars of Forth Road Bridge; also red stone for London subs., Scottish cities