Readers may notice the new official name of the town in which I live, the change taking place in 2003, 100 years after the founding of the world’s first Garden City (I formerly lived outside the world’s second, Welwyn Garden City: both were founded by Ebenezer Howard).

In the May 2003 issue of Word Ways (page 157), Darryl Francis asks repeatedly why readers have not pointed out deficiencies in his past permutations of four sets of letters. The reasons may be summarised as time, priorities compared with other work on words, and a wish not to discourage or implicitly disparage. Anyway, here are additional permutations of the four letter groups he mentions.

1. CAROLINE (ACEILNOR): 13 words or phrases, augmented to 38.
   Originals: acrolein, arecolin, Caroline, Colerain, colinear, coraline (OED), Cornelia, creolian, encorial, lonicera, Naclerio (London telephone directory 1967), oil crane (Web3), relacion.
   DF attributes all to Web2/3 or the Funk & Wagnall New Standard Dictionary (hereafter F&W NSD), except where noted. I note that: Colerain is in the Columbia Gazetteer of North America (Bertie co., NE C.), and also a place in OED scout 8, 1750q; encorial is below the line in Web2; coraline is in the OED under coralline a. and n. 1 633q, and 4 1649q; Lonicera is a genus (OED); and Naclerio is more easily found nowadays in the US Census. The additions are:

   Crique Alicorne, French Guiana, 3°24, -53°19
   La Caliorne, France, 47°59, -1°42
   Colraine, OED lead 2b, 1780q (place)
   Creniola digitata californica, Ia
   Ercolani, US Census
   Serra de Leiranco, Portugal, 41°44, -7°40
   Nerocila aculeata iris, Ia
   Norileca indica eximius, Ia
   bursa subcutanea olecrani, Dorland
   Orliance, OED stomach 1c, 1548q (Duke of)
   Renicola insubrica triarticulata, Ia
   Rio Celan, Honduras, 14°32, -87°50
   Rocinela affinis capillatus, Ia

   Arcelino, Brazil, -5°21, -55°48
   Cerliano, Italy, 44°1, 11°22
   Conilera marmoreus beddeci, Ia
   El Carino, Colombia, 5°37, -71°18
   Ribeirao Lanceiro, Brazil, -21°45, -54°09
   Lironeca bowmani eruca, Ia
   Nicolare, Mozambique, -17°07, 37°34
   Olanceri, Nicaragua, 14°13, -83°31
   Olencira lamarckii longicaudus, Ia
   Relicano, Mexico, 26°53, -101°7
   Renocila alkooc maculata, Ia
   Rio Lenca, Chile, -41°36, -72°39

2. NEUSTRIA: 18 words augmented to 35
   Originals: Aretinus (Hyamson: A Dictionary of Universal Biography), asturine (F&W NSD), aurients (OED), austrine (Web2), instaure (Web2), Itureans (Web3), naturise (if naturize, why not -ise?), Neustria (formerly in NE France, in many dictionaries), Nuseirat (Gaza Strip, Times Index Gazetteer), neutrias (Web2), ruinites (Web3), saintrien (Web2), seraunt (Web2), taurines (Web3), Tursenia (DFPF), unsatire (Web2), uranites (OED), urinates (Web3).

   I note: Aretinus is more readily available in Chambers (aka Arretinus of Arretium or Arezzo, under Aretinian), and also in the OED quote under Guidonian. You can avoid the initial capital of Neustria if you use the British moth Bombyx neustria, in the OED quote under lackey (for lackey-moth). Nuseirat is at 31°26, 34°23. The additions are:
ansuerit, OED recounsel 3, 1578q
asturien, OED astir
Austiner, OED
Nitaures Muiza, Latvia, 57°4, 25°12
resiant, OED resiant
seriant, OED servant
Sterianu de Sus, Romania, 44°41, 25°51
Khirbat Suratein, West Bank, 32°12, 35°13
Tuneiras do Oeste, Brazil, 23°49, -52°55
crus anterius capsulae internae, Dorland
aturnies, OED leguleian, 1631q
Nisterau, Germany, 50°40, 7°59
Raustein, Germany, 48°12, 8°23
Rusnaite, Lithuania, 55°19, 21°17
Pulau Seturian, Indonesia, -2°17, 117°40
Stiauren, Norway, 66°18, 13°27
transiue, OED transive, both quotes!

3. AEILNORST: 17 words augmented to 25

His total count of 25 includes 6 from Borgmann, plus 11 other solids (which included a coinage), plus 8 manufactured phrases such as 'N.E. Ortalis', which I have omitted. Effectively, I offer a sourced word or phrase to replace each constructed phrase.

Original capitalisation and sources: ALETORNS (CD), ATELORNIS (CD), LAIRSTONE (Web3), LARSONITE (an inhabitant of Larson, N Dakota, coinage), LATNEIROS (plural, Dunkling: English House Names, The Name Society), LORENTIAS (plural of plant genus, DFPF), ORIENTALS (Borgmann), ORLEANIST (Borgmann), RELATIONS (Borgmann), ROTALINES (F&W NSD), SEROTINAL (Borgmann), TAILERONS (OED), TENSORIAL (Borgmann), TERNIOLAS (plural of plant genus, DFPF), TIROLEANS (Borgmann), TORNELIAS (plural of plant genus, DFPF).

My revised capitalisation and sources: Aletornis (CD, a genus, Vol 1, p. 136); Atelornis (bird genus, OED ground 18b 1883q, or la); lairstone (Web3); Larsonite (a jasper from McDermott on sale from spherestoyou.com); Lateireo is track 5 on Coldcut's 1997 album "Stoned... Chilled... Grooved", but the preferable lateireo is a Persian word (www.persian-language.org/english/books/france/france1.htm); Lorentias; orientals (OED oriental, often capitalised); Orleanist (OED); relations (OED relation); rotalines (OED rotaline); serotinal (OED); tailerons (OED taileron); tensorial (OED tensor); Terniolas; Tiroleans (Web3, tyrolean); Tornelias; Triolenas. I am informed that biologists pluralise genus names by unexpectedly adding -s to the above obviously feminine Latin nouns where one would anticipate eg Triolenae: that confirms all my prejudices about them!

Additions:
Izvorul Anestilor, Romania, 44°33, 22°51
Isla Norte, Chile, -54°54, -68°20
Oster Lina, Denmark, 56°13, 8°58
Rosentali, Estonia, 59°11, 26°38
iron-slate, OED in definition of itabirite
Nitella furcata orientalis, Ip
Roan Islet, UK, 57°42, -2°56
Tsilonera, Greece, 35°33, 24°4

4. BARCELONA: one permutation augmented by a twin town

DF gives coral bean in Web3, but the OED coral 9 gives the preferable coral-bean. We may add El Canbaro, Guatemala, 17°39, -89°40.

Sources: CD = Century Dictionary, DFPF = Willis: A Dictionary of the Flowering Plants and Ferns, Dorland = Dorland's Illustrated Medical Dictionary; ITIS = Integrated Taxonomic Information System of the USDA; la = ITIS animal; Ip = ITIS plant; NIMA = National Imagery and Mapping Agency (USA, default source for place names, given as latitude N and longitude E in degrees and minutes); q = quote (citation).