Isogram Transdeletion Pyramid

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There are many word articles on isograms and transdeletion pyramids, but there are none which talk about them combined, the isogram transdeletion pyramid.

It contains 4 coined words, 3 of which are simply dictionary adjectives turned into adverbs by addition of a "ly".

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SUBENDOLYMPHATIC
 ENDOLYMPHATICUS
  PSEUDOMYTHICAL
   HEMIDACTYLOUS
    MOUSTACHEDLY
     CHLAMYDEOUS
      SMOUCHEDLY
       CHOUSEDLY
        SLOUCHED
         CHOUSED
          HOUSED
           HOUSE
            SHOE
             HOE
              HE
               E
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Of course, if the first word is an isogram all words in the pyramid will be, because deleting a letter from an isogram still yields an isogram.

Definitions:
Subendolymphatic - A coined word. Partly within the endolymphatic duct, a vessel in the ear.
Endolymphaticus - Part of the phrase "ductus endolymphaticus", the endolymphatic duct. (see previous word.)
Pseudomythical - Alternate form of "pseudo-legendary", like being mythical but not exactly mythical
Hemidactylous - Relating to the genus of geckos Hemidactylus.
Moustachedly - Another coined word, an adverb form of the adjective "moustached".
Chlamydeous - Having or pertaining to the perianth, the sepals and petals of a flower.
Smouchedly - Another coined word, an adverb form of "smouched", to be stolen from or taken from
Chousedly - Another coined word, an adverb form of "choused" (has nothing to do with "choosed"), to be tricked or deceived.
Choused - see "chousedly".

An interesting fact with "chlamydeous" is that a similar word, "tepal" has an interesting property. It means a segment of the outer section of a flower where the petals and sepals meet. The logological quality of "tepal" is that each letter is 11 letters in the alphabet after the last letter, wrapping around z to go to a.

e(5 or 31) is 11 letters after t(20).
p(16) is 11 letters after e(5).
a(1 or 27) is 11 letters after p(16).
l(12) is 11 letters after a(1).

There are only 2 other 5-letter words with this quality: "mucks", where each letter is 8 letters in the alphabet after the last letter, and "anana", where each letter is 13 letters in the alphabet after the last letter.