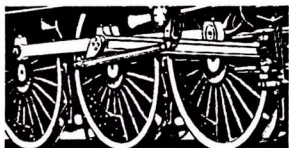# Family Treemaker

User Instructions

Family Treemaker

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This product consists of two linked programs: Family and Treemaker. If you follow the installation intructions in this leaflet then these will be put onto a disc for you and you can simply call up the programs from a menu.

The first program, Family, is used to type in details of the family members and their relationships. You need to enter everyone – just leave blanks for relationships that are not known. You can then switch to the treemaker program to list the details and plot family trees.

To install the program, follow the details given in the Installation Section of this leaflet. For further details of the menu items, see the section "The Menus" later in this leaflet.

Installing Family Treemaker

For copyright reasons it is necessary to copy five files from the master disc supplied with your machine in order to make this disc "self-booting". This will only be required to be done once - when you first use use the programme - and subsequently the programme will load itself when the machine is switched on and side 1 of this disc is inserted. You will then only need to follow the instructions that appear on the screen.

Part 1

The action to take depends on your model of PCW

If you have a PCW8256 or 8512 using a 3" Drive A.

1. Switch on machine and insert side two (the one on the opposite side to the LocoScript side) of your master disc (or copies thereof)

2. Type ERA M: *.* and press [RETURN] (Press Y on request) - this is to clear the Memory drive of any files which may be on it.

3. Type DISCKIT and press [RETURN]. Follow the instructions on screen to make a copy of both sides of the Treemaker disc supplied in this pack onto a new disc. Mark this disc "Treemaker Start-of-day".

Now skip to Part 2 below

If you have a 9512 with 3" drive A or a PCW with 3½" drive A.

1. Switch on your PCW and insert the CP/M master disc into drive A.

2. Type ERA M: *.* and press [RETURN] (Press Y on request) – this is to clear the Memory drive of any files which may be on it.

3. Type DISCKIT and press [RETURN]. Follow the instructions on screen to format a new blank disc. Mark this "Treemaker Start-of-day".

4. When the A> prompt appears, insert your CP/M master disc once more and type PIP and press [RETURN]. The * prompt will appear.

5. Replace the disc in drive A with the Treemaker disc supplied in this pack. Type M: =*.* and press [RETURN]. (On a 3" PCW9512, repeat with side 2.)

6. Replace the disc in the drive with the disc marked "Treemaker Start-of-day" Type A: =M: *.* and press [RETURN]. When the * reappears, type [RETURN].

7. At the A> prompt type ERA M: *.* and press [RETURN] (Press Y on request)

Now continue with Part 2.

Part 2

1. When the A> prompt appears insert your CP/M master disc once more and type PIP and press [RETURN].

   When * reappears type M: =*.EM* and press [RETURN].
   When * reappears type M: =BASIC.* and press [RETURN].
   When * reappears type M: =SUBMIT.* and press [RETURN].
   When * reappears type M: =PIP.* and press [RETURN].
   When * reappears type M: =SETKEYS.* and press [RETURN].

2. Remove the master disc from the drive and insert the disc marked Treemaker Start-of-day (side 1 if you have an 8256/8512).

3. Type A: =M: *.* and press [RETURN]. (This will copy all the files you have just copied from the master CP/M disc on to your Treemaker Start-of-day disc). When you see the * prompt, the installation is complete.

The Treemaker Start-of-day disc will now be self starting, and if you now switch the machine off and then restart by placing side 1 of the Treemaker Start-of-day disc in the drive it will eventually give you the choice of fast recall of data using the M drive or of normal use when data is to be entered, altered or deleted. Full instructions are given on the screen as you go along.

DO NOT use the M drive facility if you intend to enter data etc. as the data will be entered on a copy of the file that has been made in the M drive which is lost as soon as the machine is switched off. You should opt for the "normal" operation in this case so that the data will be recorded or altered on the disc for future use.

The M drive facility is provided to give very fast access in the case of the extensive search procedures in the Treemaker program.

GENERAL

The programs are based on the Jetsam keyed index filing system which, in common with most computer filing systems, does not put data directly on to the disc but holds it in a buffer in the machine's memory and puts it to disc when either the buffer is full or the routine is ended. This means that if the programme is stopped accidentally (for instance – by pressing the STOP button) the data will not be correctly written to disc and the data files on the disc may be incorrectly closed. This situation may sometimes be put right by typing CLOSE 1 and pressing [RETURN], but it is a wise precaution with any computer filing system to keep back-up copies of data files, particularly before inputting data.

If you wish to make back up copies you should know that the "Data" file for the Jetsam system in fact consists of two files - FAMILY.DAT for the records and FAMILY.IND for the index. Both files should be copied at the same time as neither will work without the other.

This programme will automatically close down the files correctly if an error occurs in its operation, but it cannot do anything about the accidental pressing of the STOP button or switching the machine off while the programme is running! The emergency close (which should not happen in ordinary use) gives an error message and line and error numbers. The programme can be restarted by typing RUN and pressing [RETURN].

Always end the Family program by choosing 12 from the menu and then pressing [RETURN], and end the Treemaker program by choosing 6 and pressing [RETURN].

Using The Menus

When you first start the programme a message will tell you that there is no file on the disc and ask you whether a new one should be created. Press Y and after a few moments the Menu will come up. This message should never come up after the first time you use the disc unless you have erased the data files or have the wrong disc in.

The Family Programme

1. ENTER PERSON

This is the main entry routine and enters persons in the main record. Their names are automatically entered in the Category 0 rank of keys. You may enter names in any way you wish, bearing in mind that you have to remember the way they were entered in order to type in the "key" to find them. (The whole file search may be used to find the correct person if the whole key is not known.) It is therefore recommended that they are entered Christian names first followed by surname, all separated by one space. Whichever way you choose for entry consistency is important. The other details are entered in the main record for each person, and the whole record may be altered subsequently, if desired, via Menu 3. The general notes provide space for 150 characters and suggestions are made for standard abbreviations for some information. This part of the record may also be searched for words or parts of words or phrases via Menu 9. These general notes are probably best used to provide data on where the basic information in the record was found.

2. ADD RELATIVES OR MAIDEN NAMES

This is for the addition of extra keys to find the person you want. Nicknames and petnames etc. may be added by adding to the keys in category 0; also any extra keys to those entered at main entry - e.g. if you discover later an extra son or daughter. In the case of an alteration to a maiden name it is better to use Menu 3 as this will ensure that the record and the relative key are kept compatible. The actual entry of additional keys is fairly straightforward and provides the means of searching through both records until the right one is found. After answering that the right record is the one displayed on the screen the rank for the new key is then asked for (ie. the relationship to the person in the main record) and then the new key itself is requested. This is entered and after [RETURN] is pressed will be entered in the key rank indicated.

3. FIND PERSON/ALTER RECORD

This is for finding a person's details in the main list if you know his/her full name for keying. (This can be obtained by using one of the search routines Menus 7 or 8.) This routine also provides the only facility for making alterations to the main record of a person. Use this with care as altering the person's name will still leave the original key for his name in the key rank together with the altered version. This may, of course, be altered using the delete key procedure No. 4.

When a record is found it will be displayed on the screen . You will then be asked if you wish to alter all or part of the record. If you answer Y the record will be displayed with numbers for each line and you will be asked which line you wish to alter. When this has been entered you may enter the amended version of the line.

THE ORIGINAL KEYS (relations) WILL STILL BE AS ENTERED WITH THE ORIGINAL RECORD. To alter them use the delete routine and/or the add relations routine.

4. DELETE RELATIVE

This is for removing a key if one has been entered in error. NB If all the keys to a "main" person are removed the record itself will be removed. You will be provided with the means of moving backwards and forwards through the rank until you find the correct "main" person. When this is found press Y in answer to the question ?this person. THIS DOES NOT DELETE THE MAIN PERSON. You will then be given the key involved with again a choice of searching backwards and forwards until the right key is found. Pressing Y and then Return in answer to the question ?this key will delete the key. To abort the deletion press N and then ⌈RETURN⌉.

5. SCAN CATEGORY

The categories are arranged in eight ranks of keys as follows-

0 – "Main"Persons
1. – Fathers
2. – Mothers
3. – Sons
4. – Daughters
5. – Spouses
6. – Maiden names
7. – Step-parents

This useful routine enables you to scan a category. e.g. all the sons in the index or all the fathers. The records are produced in alphabetical order ,one at a time.

6. FIND PERSON VIA RELATION

This is potentially the most useful recovery routine of all but probably requires a little practice to use.

The important thing is to realise that the main records are accessed from the keys (categories).

The name you know should be entered and when asked for enter the category number which this name should be in as a key to the main record. E.G. If you wish to know the father of the person whose name you enter you should enter under category 3 (sons) if the person is male or under 4 (daughters) if the person is female. The person in the main record will then be shown. This may of course be the mother or the father. You are given the facility of moving on to the other if the first name is not the one you require. This (main record) person may then be used as a key to find relations of him/her. This routine is therefore easily used to trace back through male or female lines or jump from one to the other.

7. SEARCH RECORDS

By entering the first few letters of a persons name this routine will find the main record. Useful if you only know part of a name. e.g. Just the first forename.

8. SEARCH WHOLE FILE

This will find a name in the main records or keys given a few letters from the name. These letters may come from any part of the name. As the routine searches the whole file it may take a few minutes,especially if there are many names and keys on the file but this routine has obvious uses for finding obscure names, or names that are incompletely remembered.

9. SEARCH BY OCCUPATION OR GENERAL NOTES.

This will search the main records using a few letters as a clue. Places could be noted in the general notes - e.g. b.Warwick could be found by typing warw or even ick when asked and will bring all the record details of the person concerned on to the screen. If this is not the person sought the user can either opt to go back to the Menu or continue the search.

10. PRINT OUT RECORDS

Prints out all or some of the records. NB. It should be noted that anything on the screen at any time may be printed out by putting paper in the printer and pressing [PTR] key while holding down the [EXTRA] key then releasing both. To stop printing press [PTR] key.

11. This quits the main Family program and runs the separate Treemaker program. Using this program is described below.

12. This quits the programme.

Treemaker Program

The Menu and functions of this program are self-explanatory and it only remains to say that it should be run only in the M: drive as extensive searches are made at all stages and this will save both time and wear of the disc drives.

Load the printer before entering the routines if you are going to make hard copies of the charts, lists etc. If your data files are large then you will wait a fair time while the machine carries out the searches. This program, of course, uses the data files produced by the main program.

The total kilobytes taken up by the data files (FAMILY.DAT and FAMILY.IND) plus two small 1K linking programs should not exceed the capacity of the Drive M. The size of these files and the remaining space are most easily checked by booting LocoScript and copying the files to the Drive M. The space taken up by the files is then easily seen. For those familiar with CP/M the SHOW utility will indicate the remaining space on a disc and the DIR facility with the [FULL] option will give the size of each file.
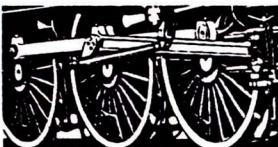
Notes for users of previous versions

The routines on the programs on this disc have been re-distributed between them so that those requiring extensive searches are on the tree2 Menu, those concerned with adding or altering data and simple referral to data are on the Family program. They are both, however, compatible with the data files created by the previously issued Family program. The arrangements for installing the self-loading operations have been amended so that virtually the whole of side two and the memory drive are available for the data files during and after operation of the program. (The only files which share the sides with the data files are two small linking sub-programs called LINKTREE.BAS and LINKFAM.BAS. These only occupy 1K each and are necessary to switch to and from the main programs). This should be particularly useful to owners of PCW 8256 and PcW9256 models which have less RAM capacity than the others. It should be noted that different versions of these two linking programs are or should be on sides one and two of the discs supplied. Full instructions follow for the initial installation.

I hope that new users as well as those who have owned and used the previous versions will find this new arrangement of the Menus more handy and logical.

The latter should copy their old data files (FAMILY.DAT and FAMILY.IND) to side two of the new disc before carrying out the new installation procedure given below. This copying may be carried out via LocoScript or by using the PIP utility of CP/M.

Note for computer buffs only (and those not wishing to use the self-booting facility and who intend to run the programs directly from BASIC)

-The two programs, FAMILY.BAS and TREE2.BAS chain to each other via two short linking programs called linkfam.bas and linktree.bas respectively. The versions of these linkers are different on sides one and two. Those on side one pick up the main programs from the A:drive and those on side 2 pick them up from the M:drive. A certain amount of copying may be necessary to make the programs available for chaining. Each may be run without chaining in the usual way.

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