

**Table 4-1. Example Output from the Current Program**  
(Paths have been omitted, but see Fig. 4-2)

Example 1. Compare: CRY, COMFORT

A. Intersect: SAD

- (1) CRY2 IS AMONG OTHER THINGS TO MAKE A SAD SOUND.\*
  - (2) TO COMFORT3 CAN BE TO MAKE2 SOMETHING LESS2 SAD.
- (Note that the program has selected particular meanings of "cry" and "comfort" as appropriate for this intersection. The path on which this output is based is shown in Fig. 4-2b.)

Example 2. Compare: PLANT, LIVE

A. 1st Intersect: LIVE

- (1) PLANT IS A LIVE STRUCTURE.

B. 2nd Intersect: LIVE

- (1) PLANT IS STRUCTURE WHICH GET3-FOOD FROM AIR. THIS FOOD IS THING WHICH BEING2 HAS-TO TAKE INTO ITSELF TO7 KEEP LIVE.

(The paths which these two replies express are shown in Fig. 4-2a.)

Example 3. Compare: PLANT, MAN

A. 1st Intersect: ANIMAL

- (1) PLANT IS NOT A ANIMAL STRUCTURE.
- (2) MAN IS ANIMAL.

B. 2nd Intersect: PERSON

- (1) TO PLANT3 IS FOR A PERSON SOMEONE TO PUT SOMETHING INTO EARTH.
- (2) MAN3 IS PERSON.

(Here the program is treating "person" as an adjective modifier of "someone.")

Example 4. Compare: PLANT, INDUSTRY

A. 1st Intersect: INDUSTRY

- (1) PLANT2 IS APPARATUS WHICH PERSON USE FOR 5 PROCESS IN INDUSTRY.

Example 5. Compare: EARTH, LIVE

A. 1st Intersect: ANIMAL

- (1) EARTH IS PLANET OF7 ANIMAL.
- (2) TO LIVE IS TO HAVE EXISTENCE AS7 ANIMAL.

\*"AMONG OTHER THINGS" and "CAN BE" are canned phrases which the program inserts when the next thing it is going to mention is one out of a set of things recorded in its memory. At one point, the program was programmed to insert "AMONG OTHER THINGS" whenever it was about to assert one fact out of such a set. We expected this to make its output have a proper, scientifically cautious ring. However, where it had been saying (rather cloddishly, we felt), "TO CRY IS TO MAKE A SAD SOUND," it now said: "TO CRY, AMONG OTHER THINGS, IS, AMONG OTHER THINGS, TO MAKE, AMONG OTHER THINGS, A, AMONG OTHER THINGS, SAD SOUND." In short, it turns out that if the program is really made to hedge whenever it knows more than it is going to say, one sits around the console all day waiting for it to get around to saying anything. This may not be such a bad simulation of certain individuals, but wasn't what we had had in mind. Thus, the program is now severely restricted as to just when it can hedge. Science marches on!