

CHR04 Christy aged 1;5(27) to 1;6(18)

[Checking of this file complete through 1-13, but not yet against originals. Qs for careful checking are marked with ?? in left margin = note in MB's file]

^1;5(27) 1-10-72

<In the morning, F is dressed ready to leave house, but is drinking an "Instant Breakfast". C, watching him, says:>

C: bye-bye .

^1;5(27) 1-10-72

C: [b&] " back ".

<As C returns M's earring to shelf in M's room where she found it.>

^1;5(27) 1-10-72

<C grabbed a box containing a new tooth paste tube and gave it to M, saying:>

C: [abi] " open ".

<After M opened the box, C held out the tube, saying:>

C: [a] " off ".

<She wanted M to take the cap off. Interesting differentiation of function. At least originally, "off", then "open", were each applied to a wide range of referents, including referents for which adults would use the other word--e.g., see 10-3-71 and 11-5-71.>

^1;5(27) 1-10-72

<C puts a piece of cucumber in her dish and pushes it to a corner, saying:>

C: [nai nai] " night-night ".

<F suggests she should kiss the cucumber good night. C holds it out for kisses to F, then M, then toward personless side of high chair; then she finally kisses it herself. After F leaves, she makes a kissing noise a couple of times, then says:>

C: daddy .

^1;5(27) 1-10-72

<C saw wet place on floor. Went to living-room, got a diaper, came back, and mopped ineffectually at the floor. Then trotted off and put diaper in the diaper pail. All with no help or coaching. She knows the whole sequence.>

^1;5(27) 1-10-72

C: no .

<C is starting to say "no" to resist not only active interference with her (either physical or verbal; e.g., "Do you want a nap?"), but also a non-desired activity on M or F's part, like M's writing rather than attending to her.>

^1;5(27) 1-10-72

C: [daw] " door ".

<Several times, as C closes the refrigerator door. First use for a week or more.>

^1;5(27) 1-10-72

<C has taken all the peg-bus people out of the bus and put them in the teakettle. She now indicates the bus, saying:>

C: [aga] " all gone ".

^1;5(27) 1-10-72

<C having dinner. She points to the stool M usually sits on, saying:>

C: [si] " sit ".

<Purpose is to get M to sit down.>

^1;5(27) 1-10-72

<C goes toward a chair carrying Big Dolly; says:>

C: [si] " sit ".

<Then tries to sit the doll up on the chair.>

^1;5(27) 1-10-72

<C in bathtub. She stretches out legs so they touch sides, says:>

C: [ki] " kick ".

<The only context in which this word has been (at least often) mentioned by M and F is for kicking a ball in the living-room. First observed use, either imitated or spontaneous.>

^1;5(27) 1-10-72

<C sitting at F's desk. She reaches out toward pencils, paper, saying:>

C: [rai] " write ".

<First time I've heard this. Repeated several times, once each to get two pens which were out of reach on the desk.>

^1;5(27) 1-10-72

<As C eats a huge piece of cheese, she says:>

C: [ti: . ti:] " cheese . cheese ".

^1;5(27) 1-10-72

<M gets C's cups out of cupboard as C watches. As M goes to the refrigerator, C says imperiously:>

C: [du . du] " juice . juice ".

^1;5(27) 1-10-72

<C finishes milk in her cup, then says:>

C: [mo] " more ".

<Gets a refill, then asks for more again after a small sip. This asking for more when she still has some has been very frequent.>

^1;5(27) 1-10-72

<C points to a stain from yogurt on her arm, says:>

C: [yawɪ] " yogurt ".

<Based on M's oft-modelled "yogi". Then C picks up a yogurt-filled spoon and smears it on her arm, saying [yawɪ] all the while.>

^1;5(27) 1-10-72

<F has been talking to C; he is now gone. C says:>

C: [mai d&di] " XX daddy ".

<This is surely not really "my", but perhaps a shorthand form of "mommy, daddy", which also occurs. Has been frequent lately.>

^1;5(27) 1-10-72

C: [dE 'O] "(that) on ", "(that) off ".

<This form, frequent a while back, has not been heard for at least three weeks.>

^1;5(27) 1-10-72

<C heard an airplane outside, imitated the noise. This imitation of noises is quite new (a few examples in the last few days).>

^1;5(27) 1-10-72

<C runs away from the rock-and-spin chair to get her bear, saying several times:>

C: [rai] " ride ".

<Then puts the bear in the chair and starts to spin it.>

^1;5(27) 1-10-72

<Right after C coughed, she said:>

C: [ka] " cough ".

^1;5(27) 1-10-72

<C was bare while waiting for the bath to fill. She started to urinate.

F set her on the toilet to her delight. No further action, but she began to reel off the toilet paper and stick it between her legs. Observational learning.>

??^1;5(27) 1-10-72

<C watching F, who is in the kitchen drinking a glass of milk. Usually he leaves the house soon after getting dressed and eating in the morning.

C evidently anticipates this, says:>

C: bye-bye .

^1;5(27) 1-10-72

<C wants the bear that is on the counter to come into the tub with her.

She says:>

C: [bA 'bi:] " [bA] bear ".

<Phonology: Reduplication continues. Another example (no context noted):>

C: [bA 'bEbi] " [bA] baby ".

^1;5(27) 1-10-72

<C lays doll down on tennis ball, saying:>

C: [3'ba: 1bA 'bEbi2] " ball [bA] baby ".

<Phonology: The [bA] before "baby" seems to be a sort of reduplication, common now.>

^1;5(27) 1-10-72

<C crying. M, comforting her, takes her to the couch. C cries:>

C: [du] "juice "!

<Wants her juice-filled bottle, which is in the next room.>

^1;5(28) 1-11-72

C: [hai] " eye ".

<Repeatedly, as C points out the eyes of various animals. Phonology: Previously C has said [ai] for "eye". Lately both "horsie" and "open" have become [habi] instead of [abi].>

^1;5(28) 1-11-72

<After M opens C's window in the morning, C points to the window and says:>

C: mommy.

<This agentive use is now becoming very frequent.>

% AG

^1;5(28) 1-11-72

<Games and activities: C plays "peek" with M over the rim of her glasses for the first time.>

^1;5(28) 1-11-72

<C holds music box cow agitatedly. Says several times:>

C: [kaw . wA kaw] " cow . [wA] cow ".

<Then indicates that she wants the music on by saying:>

C: [d& d&] <= singing >

<She's said this for singing before. Then C pulls the cow's cord, then tail, saying:>

C: [pu] " pull ".

<First use of this word.>

^1;5(28) 1-11-72

C: bye .

<"Bye" was used today, as it has been for a long time, when C puts things or finds things under her buttocks or between her legs. (Could it be [bai] " body" instead? Note from hindsight: no; "bye" did go on to be common during this type of activity.)>

^1;5(28) 1-11-72

C: bye-bye .

<Produced after F leaves the room. No good-byes mentioned by M or F before.>

^1;5(28) 1-11-72

<C indicates she wants M to take the long upright stake off her walker-wagon, saying:>

C: [a] " off ".

^1;5(28) 1-11-72

<C reaches up to turn light switch off, saying:>

C: [a:] " off ".

<This word (or words, since it's not clear if C differentiates "on" and "off") has always continued to be used in this sense, in addition to other uses.>

^1;5(28) 1-11-72

<C in the tub. In connection with turned-off faucet, she says:>

C: [a:] " on - off ".

<Not clear whether she means that the water was off or that she wanted it on. First time I've noticed [a:] used in this context.>

^1;5(28) 1-11-72

<C gazes out car window from car seat, says:>

C: [sai] " 'side ". <= outside >

^1;5(28) 1-11-72

<Activities: This A.M., C has been looking at and describing pictures in books much more than usual. Also named pictures in a magazine that M was reading at dinner the other night.>

^1;5(28) 1-11-72

<C watches M change a light bulb. Asks for the bulb carton by saying:>

C: [ba] " box ".

<Then puts hand through it (it is empty). saying:>

C: [hwE] " where "?

<looking questioning, obviously wanting the bulb.>

^1;5(28) 1-11-72

C: [s&] <or> [s&n] " sand ".

<C pointing to sand in "Touch Me"" book. She hasn't seen this book for at least three weeks. I don't recall any mention of sand in between. First use.>

^1;5(28) 1-11-72

<F about to leave house; M and C are upstairs in his study. He shouts "bye". M says to F "bye-bye", etc. C says:>

C: coat .

<She hasn't seen him, but she associates coats with "going bye-bye".>

^1;5(28) 1-11-72

<Looking through Babar book, C pointed out:>

C: [d&] " hat ", [ka] " car " <and> [ti:] " teeth ".

<During this last utterance, C was not actually pointing, but the elephants had tusks in the picture. M then pointed the tusks out and C now also pointed and said [ti:] "teeth" some more.>

^1;5(28) 1-11-72

C: bean . < beet ? pea ?>

<C identifies a bean on M's plate as [bi:] " bean" ("beet", "pea"--not clear if she distinguishes. She uses [bi:] for all).>

^1;5(28) 1-11-72

<C sees a china cat in store, says:>

C: miaow .

^1;5(28) 1-11-72

<M is holding a glass of "Instant Breakfast". C wants it down on her high chair tray. She pushes M's hand down, saying:>

C: no . <= down >

<Then she says "no" as she pushes M's hand away after M had let go of glass. Why did she not say "down" for the first "no"?>

^1;5(28) 1-11-72

<C points to the eye of an animal, says:>

C: eye.

<Then to the mouth, and says:>

. C: [aw] " mouth ".

<M says "mouth", C imitates as [maw] and continues to say this.

First use of "mouth" since one occurrence a few days ago.>

^1;5(28) 1-11-72

<C runs into dark living room. Points to light switch, repeatedly saying:>

C: [jai] " light ".

<When M enters, she says:>

C: [da] " dark ".

<First totally spontaneous use of "dark". It was used in imitation and delayed imitation a few days ago.>

^1;5(28) 1-11-72

C: [mi:] " milk ". mommy .

<C is not trying to give the bottle to M. She seems to be naming "mommy" as the giver.>

% AG

^1;5(28) 1-11-72

<C playing with apple sauce:>

C: mommy .

F: Did mommy give you that?

<C points to yogurt:>

C: [yawɪ] " yogi" <= yogurt >. mommy .

% AG

^1;5(28) 1-11-72

<C drinks from glass. Then holds glass up towards M's mouth, saying:>

C: mommy .

<As mommy drinks, C says:>

C: [titi] " Christy ".

<Perhaps a comment on fact that she had just drunk. First non-possessive use of "Christy ".>

% AG POSS

^1;5(28) 1-11-72

<C looked at a magazine on the floor in F's study; there was a man's face on the cover. She said:>

C: [m&] " man ". (?)

<Then immediately:>

C: daddy .

<A few minutes later C looked at the magazine, said only:>

C: daddy .

^1;5(28) 1-11-72

<C climbs into F's study chair, reaches toward pen and pencil holder, saying:>

C: [bi:] " pen ".

<This is new. M gives her a pen. She immediately says:>

C: [wai] " write ".

<This was new yesterday.>

^1;5(28) 1-11-72

<As C looked at fish swimming in an aquarium, she said:>

C: [bu:] " bird ". <= fish >

<Much use of "bird" in last few days; it has always been appropriate before. C doesn't know "fish", has rarely heard the word.>

^1;5(28) 1-11-72

C: [fwi] " swing ". (?)

<In park, C was on a tiny merry-go-round with animal seats. She kept saying [fwi]. I'm not sure if this is same as [wi] "swing" in the past.>

^1;5(28) 1-11-72

<As M carried C away from swings, C struggled and cried indignantly several times:>

C: [wi] " swing "!

^1;5(28) 1-11-72

<As M and C pulled into the J.s' driveway, C saw Bud, Marc, Robin in back window of truck. She cried:>

C: [ma:] " Marc "!

<Marc, the son of C's baby sitter, is C's friend. First spontaneous use I've observed, although I had mentioned his name within the preceding half hour.>

^1;5(28) 1-11-72

<C calls all shoes:>

C: [bu] " boot ". <= shoe >

<these last several days. "Shoe" is rare.>

^1;5(28) 1-11(?) -72

<When F scratches M's back; C says:>

C: [b&] " back ".

<First observed use of "back" in this sense--the word has recently been used to mean "put (take) back".>

^1;5(28) 1-11-72

C: [bi] " bear ".

<Produced when C enters kitchen and notices her bear on a stool. This continues to be a common function of all object-referent words--naming, noticing, pointing out.>

^1;5(28) 1-11-72

<Phonology: Reduplication, e.g.:>

C: [nA 'nai nai] " night-night ".

C: [mA mami] " mommy ".

C: [nA now] " no ".

^1;5(28) 1-11-72

<Phonology: Today a new "prefix" [wA] or [hwE], or some such, seems to be entering in some contexts. Might sometimes mean "where", but not always-- e.g., not here, where C is holding her cow and says:>

C: [wA] cow .

<Also, C sometimes continues to say it after M points objects out.

Other sequences where this syllable appeared:>

C: [wA 'd&di] " daddy ".

C: [hE wA 'ka] " XX car ".

<The word "cars" had appeared in M's preceding sentence>.

^1;5(28) 1-11-72

C: [daw] " down ".

<As C takes cow out of crib. First time I've noticed "down" in connection with anything other than her own body--either her desire to get down or action of getting down.>

^1;5(28) 1-11-72

<M gives C her cereal without a spoon. C says imperiously:>

C: [pu , pu] " spoon , spoon ".

^1;5(28) 1-11-72

<C points into the dishwasher, where water has just dripped as M got out a dish, and says:>

C: [w&] " wet ".

^1;5(28) 1-11-72

<As C takes M's check books off the table, she says:>

C: all gone .

^1;5(28) 1-11-72

<In order to get M to come and sit on a stool in the bedroom, C says:>

C: [si] " sit ".

<Earlier in the day, she had just pointed at the stool in the bedroom.

Same function then, but without language.>

^1;5(28) 1-11-72

C: [ti] " tail ". <Imitated>

^1;5(29) 1-12-72

<C has been saying "no" to parental actions a lot the last few days.

Usually she says:>

C: [no now] " no no ".

<while she tries to correct our undesired behavior physically, e.g., by pushing our hands to where she wants them.>

^1;5(29) 1-12-72

C: up .

<C is at last beginning to acquire "up". She imitated it today several times as [a] or so. It occurred (perhaps) once spontaneously as she began to climb Dot's steps. It has been surprising that there was no opposite to the much-used:>

C: down .

^1;5(29) 1-12-72

C: [yaw] " loud ". <Imitated>

^1;5(29) 1-12-72

<C playing with the phone:>

M: who are you going to call?

M: why don't you call (so and so)? <etc.>

C: [ma] " Marc ".

<Is she thinking of phoning Marc? M did not suggest this.>

^1;5(29) 1-12-72

<C pats her bear, then comments:>

C: [b&] " pat ".

<NB "bear" is pronounced [bi].>

^1;5(29) 1-12-72

<Visiting the P.s' next door, C pats the top of a cat's scratching-post, saying:>

C: miaow .

<Long ago, perhaps two months, C had seen the P.s' cat lying there.>

^1;5(29) 1-12-72

<Motor devel.: C can now climb stairs alone without holding on. Both feet on each step. She did it today going up Dot's steps and the other day going up to F's study. Going down she still has to hold on.>

^1;5(29) 1-12-72

<M helps C into chair at M's desk, but leaves without giving C the cow she had had her eye on. As M leaves, C shouts:>

C: cow !

^1;5(29) 1-12(?) -72

C: [bibi] " paper ".

<As C strips the paper off a tampon. First definite use, though I think I've heard this in connection with paper before.>

^1;5(29) 1-12-72

<C holds tiger in lap. Moves her hands over it agitatedly, saying:>

C: [d& d& , <vowel> wA d& d&] . <= singing , music >

<(C has said [d& d&] lately in connection with singing.) Here, she is apparently thinking of her cow (also a stuffed animal), which is a music box. Now she pulls on the tiger's tail, as she pulled on the cow's tail yesterday. The cow's tail is similar to the cord you pull to make the music box start; the tiger's tail is not.>

M: what's that?

C: [tai] <or> [dai] " tail ".

<First observed spontaneous use of this word.>

^1;5(29) 1-12-72

<C looking at toy bunny. M points out and names its fluffy tail. C imitates as:>

C: [ti:] " tail ".

<Same pronunciation as yesterday. But spontaneously today she had said [tai] "tail" a few minutes earlier in connection with her tiger. C then pulls on the bunny's leg; it probably looks more like a tail to her.>

^1;5(29) 1-12-72

<C gives M stuffed animals to carry out of the room. M leaves the bunny behind. C cries with dismay:>

C: [b&] " bunny !".

<A month or two ago, C produced "bunny" twice spontaneously on close-together days, both times pronouncing it as [bai]. Not heard since then.>

^1;5(29) 1-12-72

<C points to stool in bedroom, pats it, saying:>

C: mommy .

<She wants M to sit down. Yesterday in exactly the same situation, she said:>

C: sit .

^1;5(29) 1-12-72

<C makes short screams, interspersed with:>

C: bow-wow .

<No dog present or heard. Reference unclear.>

^1;5(30) 1-13-72

<When C gets up in the morning, she "names" several things right away. In connection with a mirror, she says:>

C: Christy .

<She doesn't see herself, but remembers this image, apparently. For an elephant on batik, she says:>

C: [abi] " horsie " .

<Corrected, she tries:>

C: wow-wow . <= dog >

<Then for the light fixture on the ceiling, she says:>

C: [jai] " light " .

<Then, wanting M to turn the light on:>

C: [a] " on " .

^1;5(30) 1-13-72

?? C: [mAni] " money " .

<Phonology: New pronunciation today; has been [mai].

Note that C recently imitated "honey" perfectly:>

C: [hAni] " honey " .

^1;5(30) 1-13-72

<F tells C to take her foot out of a plate on the floor. A few minutes later, C comes to M, saying several times:>

C: [fi:] " feet ".

<She then leads M to the plate. No attempt to put her foot back, just picks at crumbs. First observed use. She imitated "feet" as [fi] a few days ago.>

^1;5(30) 1-13-72

<Memory and cognition: Coming back from Andrea's house, M told C that we were going to see Marc now. At our own front door, C got agitated, didn't want to go in, and cried:>

C: [ma] "Marc "!

<Thought M was breaking her promise?>

^1;5(30) 1-13-72

<C has taken vases out of cupboard. Puts them back in and prepares to close the door, saying:>

C: bye-bye .

^1;5(30)-1-13-72

<C, putting dominoes under her buttocks, says:>

C: bye-bye .

<Then gives dominoes to M; wants M to put them under C's buttocks; instructs by saying "bye-bye" as M holds dominoes.>

^1;5(30) 1-13-72

<C dips her hand in milk in her cup, withdraws it and then holds it up to inspect, saying:>

C: [aw] " out ".

<New use of "out". Then imitates:>

C: [I] " in ".

<First use of this word.>

^1;5(30) 1-13-72

<Playing at Andrea's house, C kept going up to A and taking her by the hand or whole body to lead her back to A's room where all the toys were.>

^1;5(30) 1-13-72

<C playing with Scandinavian wall hanging, which has a doll hanging on a string. She holds the doll and shakes it up and down, saying:>

C: ['d& d&] " dance ". <also = singing , music >

<F, M and C all danced in dining room last night. M must have been saying "dance" then.>

^1;5(30) 1-13-72

<C playing with a doll attached to a string. Twists the doll on the string so that the doll's body turns on its axis; while it turns she says:>

C: [raw] " round ".

^1;5(30) 1-13-72

<C sitting at dinner table. Suddenly she says:>

C: [didu] " toilet ".

<several times, then:>

C: [w&] " wet ".

<Alternates between the two several times. Not clear if she is wet or wants to wet. We have been holding her up on the toilet lately.>

^1;5(30) 1-13-72

<C chasing M and F around house. M lies down on bed. C shouts:>

C: [nA now . wa] " no no ! walk !"

<wanting M to get up and continue. First certain use of "walk". At least once before, a suspected use: A few days ago C "ran" in place, lifting legs, saying:>

C: [wa] " walk ".

^1;5(30) 1-13-72

<C holds out her near-empty bottle, says:>

C: [mo: . aga] " more . all gone ".

^1;5(30) 1-13-72

<C points to her vitamin-drops bottle, says:>

C: daddy . mommy .

<It is daddy who gives her the drops. Mommy helps>.

% AG

^1;5(30) 1-13-72

<C and M playing on bed in C's room. C sees M's earring on a shelf, says:>

C: [i] " ear ".

<Then points to M's ear, saying:>

C: mommy .

% POSS

^1;5(30) 1-13-72

<C sees and swings on Andrea's swing. Repeatedly, at intervals, she says:>

C: [wi] " swing ".

^1;5(30) 1-13-72

<While M holds C on her lap in a chair at Andrea's house, C looks over the back of the chair and says:>

C: hi .

<No one is back there. She must be remembering how she does this at Dot's house, when M or someone is in back of her chair to say "hi" to.>

^1;5(30) 1-13-72

<C hears three muppets singing barbershop quartet on T.V., says:>

C: ['d& d&] " dance ". <= singing >

<This is C's word for singing, music box, now dancing too>.

^1;5(30) 1-13-72

<M is carrying C outside on the high school track. C hears bells chime in the distance, says:>

C: ['d& d&] " dance " <= singing >

<Used primarily for singing in the past, or cow music box>.

^1;5(30) 1-13-72

<C tries to get the Slinky (a toy) away from M, playfully hits at her.

Then says:>

C: ow !

<several times as she pokes and pinches. First observed non-imitated use.>

^1;5(30) 1-13-72

<C hears dog barking. M mentions "bark". Several minutes later C hears dog again, turns towards the sound, saying:>

C: [ba] " bark ".

<She has imitated "bark" in this way for several days. These seemed spontaneous.>

^1;5(30) 1-13-72

<C has toast for breakfast. She says:>

C: [du:] " toast "

<several times at intervals. M modelled the word initially but C really seems to know it.>

^1;5(30) 11-13-72

<C watches M eat a last crumb of cake, then says:>

C: all gone .

^1;5(30) 1-13-72

<C opens cupboard in room. Takes out a clock. Then says:>

C: all gone .

<Cupboard is not empty, but C makes no attempt to remove other objects.>

^1;5(30) 1-13-72

<C mouths a big serving spoon on her changing table, says:>

C: [a ga] " all gone ".

<Spoon is empty, and has been all along.>

^1;5(30) 1-13-72

<C says "Christy" in many new situations today--before, it has always been as possessor. Today in addition, as an agent, perhaps, and other uses. E.g.:>

1. <M takes her earring off a shelf, gives it to C. C pretends to put it back on the shelf, then jerks it away, saying:>

C: [titi] " Christy ".

<Idea seems to be that Christy is now doing what M had just done.>

% AG

2. <C sitting with her side to mirror in early morning on the changing table.

She waves a hand toward the mirror (doesn't really look), says:>

C: [titi] " Christy ".

3. <Use as possessor continues to occur. E.g., C in highchair looking at M's toast. Then looks at her own, says:>

C: [titi] " Christy ".

<Then touches nipple of her bottle, says:>

C: Christy .

% POSS

4. <C watches M pick up C's glasses to clean them, says:>

C: [<vowel> 'd& . titi] " XX glasses . Christy ".

% POSS

^1;5(30) 1-13-72

<In the tub, C put a band-aid box between her legs, saying:>

C: bye-bye .

^1;6(0) 1-14-72

C: [ain] " iron ". <Imitated>

C: [ba] " potholder ". <Imitated>

C: [sa] " salt ". <Imitated>

^1;6(0) 1-14-72

C: bye-bye .

<C said "bye-bye" on several similar occasions today:>

1. As she stuffed a piece of toilet paper behind the toilet paper roll on the bathroom wall. The paper was still very visible.
2. As she pushed a spoon down into her yogurt.
3. As she put a can opener into a glass, she said "bye-bye" and then

^1;6(0) 1-14-72

<M puts cottage cheese in refrigerator, but leaves yogurt on C's tray. C says:>

C: [b&] " back" !

??<C touches yogurt container; wants M to put it back in refrigerator also.>

% PRT

^1;6(0) 1-14-72

<C watches M finish her milk, then looks at M's empty glass and says:>

C: all gone .

^1;6(0) 1-14-72

<As M carries C, C spots some stairs and says:>

C: [ti:] " stairs ".

^1;6(0) 1-14-72

<M and C are in Barb and Steve's basement room in a house new to C. C wants to go upstairs where we were earlier. She keeps urging M to the door, saying:>

C: [ti:] " stairs ".

<The stairs are not within sight.>

^1;6(0) 1-14-72

<Barb (one of C's babysitters) and her husband Steve came to babysit tonight. When we saw them in their new house this A.M., C was pleased but quiet. But when they came to our house, she was beside herself with joy. Today was the first time she had seen them since before Christmas vacation, but she has talked about them incessantly:

C: [wiwi] " Stevie ", [babi] " Barbie "

<often right after or before mentioning:>

C: mommy , daddy

<in a sort of ritual of listing off her loved ones.>

^1;6(00 1-14-72

<C in highchair playing with food. Says repeatedly:>

C: [yowi] " yogurt ". <from M's "yogi">

<Then M offers her a spoonful. She says:>

C: [nowi , now now] " nowi , no no ".

<Assimilation of "no" to [yowi].>

^1;6(0) 1-14-72

<C points to cereal on spoon, says:>

C: [s&si] " cereal ".

<Slightly earlier she had said [sasi] with reference to cereal.

New pronunciation--it has been [sabi] before.>

^1;6(0) 1-14-72

<C pulls on her pyjama sleeve, saying:>

C: [si:] " sleeve ".

<This word has occurred earlier (last several days) but I haven't been certain of it before this.>

^1;6(0) 1-14-72

<C playing in her room. M leaves for kitchen. C follows, but agitatedly keeps saying:>

C: [hAm , hAm] <then> [hUm] " room ".

<indicating that she wants M to come back to her room with her. Later M, F and C are in M and F's room. C says again something more similar to "room ". First observed use of "room". This soon becomes a standard form used to get a parent to go from one spot in the house to another.>

^1;6(1) 1-15-72

C: [bi] " big ". <Imitated>

% ADJ

^1;6(1) 1-15-72

C: Christy .

<Phonology: At least sometimes, C pronounces [titi] "Christy" more like [didi].>

^1;6(1) 1-15-72

C: fruit .

<Phonology: I got a better look at C's pronunciation of "fruit" today.

??It is not really a bilabial [f], but rather [hwu:].>

^1;6(1) 1-15-72

<Whenever M touches the seat of C's pants or her bottom lately, C says:>

C: [nA now] " no no !".

<She must anticipate a diaper change, which she hates.>

^1;6(1) 1-15-72

<F playing "peek" with C. C comes to another room to where M is sitting, says:>

C: [A bi] " [A] peek ". M:

did you play peek?

C: daddy .

M: oh, you played peek with daddy.

<C then pulls M to come play too.>

^1;6(1) 1-15-72

<C drops a bottle on the floor. M goes to pick it up. Afterwards, C rushes back to where it was, saying:>

C: [fu] <or> [hwu] " floor ".

<Then points to where the bottle was.>

% LOC

^1;6(1) 1-15-72

<Imitation: C imitates F by putting several dominoes up on their ends.>

^1;6(1) 1-15-72

<Motor devel.: C practices jumping extensively. She still can't get both feet off the floor at the same time, but she is much better than 1 or 1-1/2 months ago, when she could only do deep knee bend "jumps".>

^1;6(1) 1-15-72

<C takes all the dominoes out of a container, points to the container, and says:>

C: all gone .

^1;6(1) 1-15-72

<C and M are reviewing who had kissed Christy and whom she had kissed yesterday. C adds:>

C: baby .

<=baby Brad, son of C's babysitter.>

M: did you kiss baby Brad?

C: [titi] " Christy ".

<Not certain if this was the exact sequence, but approximate>.

% AG

^1;6(1) 1-15-72

<C hears police car siren, says:>

C: [abi] <or> [Ebi] " airplane ".

<A couple of times lately she has heard and imitated the sound of a plane outside. M has said "airplane" and C has imitated.>

^1;6(1) 1-15-72

<M working in hall. C wants her in living room, says repeatedly:>

C: room .

<trying to get M to follow her.>

^1;6(1) 1-15-72

<C looking in her Goldilocks book, sees yellow-haired Goldilocks, says:>

C: [sisi] " Sissy ".

<C is probably thinking of her babysitter's daughter, called "Sissy", who has long blond hair. C also says "Sissy" for Cindy and Linda, two other girls with long blond hair.>

^1;6(1) 1-15-72

<C finds an old juice bottle (she is drinking from another). Picks up the old one, says:>

C: Marc

<She has done this before when she finds an extra bottle on the floor, or in the bag we take to her babysitter Dot's house. Marc is Dot's son, one year older than C, with whom she plays.>

^1;6(1) 1-15-72

<C playing with bottoms of M's clothes hanging in the closet. She sees a belt hanging above her, says:>

C: [bi:] " belt ".

<Wants it down. First use for quite a while. M had not talked about belts at all recently.>

^1;6(1) 1-15-72

<C comes into kitchen, hears water boiling on stove, says with even intonation:>

C: [si] " see ".

<wanting to be lifted up for a look.>

^1;6(1) 1-15-72

<M points out a picture in one of C's books, which she correctly called "horsie" the other day.>

M: who's this?

C: [wa waw] " bow-bow ". <here,= horse >

^1;6(1) 1-15-72

<C looking through a magazine. Points at and names several pictures of men:>

C: [m&] " man ".

<a football helmet:>

C: [d&] " hat ".

<and cars:>

C: [ka] " car ".

^1;6(1) 1-15-72

<C looking at her bath book, sees animals in a wooden tub. M used to point this out as a "bath", C never seemed interested. Today she says:>

C: [b&] " bath ".

^1;6(1) 1-15-72

<C looks in dishwasher, sees her dish full of water, says:>

C: [wa] " water ".

<First use of this word for quite a while.>

^1;6(1) 1-15-72

<C wants M to get cheese out of refrigerator, says:>

C: [ti:] " cheese "!

^1;6(1) 1-15-72

<Phonology: reduplication. C's recent reduplication of first syllables, as in [bA bEbi], [dA dai], etc., has all but stopped. Also, [dA] as "prefix" before other words is rare--I haven't noticed it lately. [wA] occurs in this context, but not as often as [dA] did.>

^1;6(1) 1-15-72

<C wants the big doll. It is in the next room; it's not clear if she knows where it is. She says:>

C: [dai . wA dai] " dolly . [wA] dolly !" <= where ?>

<[wA] sounds like "where" in this context, but it still occurs in non-questioning contexts too.>

^1;6(1) 1-15-72

<C touches coke bottle in refrigerator, saying:>

C: [ma d&di babi] " XX daddy Barbie ".

<Then touches container of yogurt, saying:>

C: [yaw 'mami] " yogurt mommy ".

<First syllable very brief.>

% POSS

^1;6(1) 1-15-72

<C, M and F in bedroom. When F walks out of sight into bathroom, C says:>

C: bye-bye .

<Is it the idea of passing from one "container" into another?

--where a container can be either a room or a smaller thing.>

^1;6(1) 1-15-72

<C playing with toy telephone, later real telephone. Puts receiver down repeatedly, saying:>

C: bye-bye .

^1;6(1) 1-15-72

<F holds C by the window to watch a passing car. She says:>

C: bye .

^1;6(1) 1-15-72

<C, holding a tennis ball, says:>

C: [b&] " back ".

<Then she takes it to tennis ball can. Ball hadn't come from the can, at least not recently.>

^1;6(1) 1-15-72

<C and M looking at a magazine. In connection with several pictures, C says:>

C: [abi] " open ".

<Wants M somehow to "open" them--make them more tangible, get at them?>

^1;6(1) 1-15-72

<Kitchen drawer is pulled out. C touches it repeatedly, agitated, saying:>

C: [d&] <or> [da] " drawer ". (?)

<Finally M asks if she is saying "drawer". C imitates as [daw]; she is satisfied when M closes it.>

^1;6(1) 1-15-72

C: <Comprehension:> box , block

<Phonology: C pronounces both "box" and "block" [ba]. To see if she can discriminate, M holds up a block, asks "is this a box?" several times. No response.>

^1;6(1) 1-15-72

<C and M on couch, C has a bottle. C notices a ball in the room, says:>

C: [ba] " ball ".

<Phonology: M points to ball and bottle in alternation several times, naming each clearly. C then imitates, pointing to each a couple of times, but she renders the name of both as:>

C: [ba] " ball ", " bottle ".

^1;6(1) 1-15-72

<M taking notes. C snatches the pen, says:>

C: [mami . rai] " mommy . write".

% AG

^1;6(1) 1-15-72

<C playing with vegetables at lunch. She arranges them, then doesn't like how she has moved them, says:>

C: [nA now] " no no ".

<Then moves them back. First observed use of "no" in connection with C's own activities.>

^1;6(1) 1-15-72

<In connection with M's empty glass of "Instant Breakfast" (finished shortly before) and C's own half-full bottle of juice, C says:>

C: all gone .

<Then she touches M's glass and says:>

C: [kowka , 'aga] " coca cola , all gone ".

<C Connects M's glass with F's glasses of coke. Intonation: two words, like a list.>

^1;6(2) 1-16-72

<M talks to C about driving in the abstract: how F drives the car, for example. C gets excited, apparently thinks we are about to go out, says repeatedly, at intervals:>

C: coat . daddy . <and finally:>

C: door .

^1;6(2) 1-16-72

<M jiggles her leg, C notices. M mentions "kick". C then says:>

C: [wA ki] " [wA] kick ".

^1;6(2) 1-16-72

<As M opens her mouth wide, C says:>

C: [& wA bai] " XX bite ".

^1;6(2) 1-16-72

<C, playing with phone receiver, says repeatedly:>

C: bye-bye . <Then:>

C: bye Barbie .

<No previous mention of Barbie, one of her babysitters.>

^1;6(2) 1-16-72

<C finds a man doll, says excitedly:>

C: [m& . m&] " man ! man "!

<Tries to make him sit up, says:>

C: [si] " sit ".

<Then he falls or is laid on his back and she says:>

C: night-night .

^1;6(2) 1-16-72

<C wants to get on upper bunk bed, says:>

C: [ha] <or> [a] " up ".

^1;6(2) 1-16-72

<C wants to climb on counter as M cooks, says:>

C: [a] <or> [ha] " up ".

<As M lifts her, she murmurs:>

C: [si] " sit " <or> " see ".

^1;6(2) 1-16-72

<M drying C's dolly, which has its arms up over its head. C says:>

C: hi .

<in recognition of position of arms.>

^1;6(2) 1-16-72

<C looking out of living room window at night, says in quick succession:>

C: [da . kai] " dark . sky ".

^1;6(2) 1-16-72

<C wants to get up in M's lap, says:>

C: [titi] " Christy ".

% AG

^1;6(2) 1-16-72

<C reaches toward box of cookies on counter, saying:>

C: [titi] " Christy ".

% AG DAT

^1;6(2) 1-16-72

<F making room for C on his chair. As she gets ready to climb up, she says:>

C: [didi] " Christy ".

% AG

^1;6(2) 1-16-72

<C turns nude baby doll over so its backside shows, saying:>

C: [b&] " back ".

^1;6(2) 1-16-72

<As M empties water out of nude doll, C says:>

C: [bai] " body ".

^1;6(2) 1-16-72

<C picks an eraser off F's desk, says:>

C: [wai] " write ".

^1;6(2) 1-16-72

<After M rings a big cow bell, C says:>

C: [d& d&] . <= singing , music , dance >

^1;6(2) 1-16-72

<M gets herself some juice. C, in highchair, says:>

C: down .

<but doesn't want to get down. Then says:>

C: [si] " sip " <or> " see ".

<to get M to offer her a drink. I've never heard her say "sip" before, but I often use it in this context.>

^1;6(2) 1-16-72

<C found F's rubber chicken in a box; she has never seen it before. She said:>

C: [bU] " bird ".

<It is a disgusting thing, intended to be funny. Not at all a prototypical instance of a bird; how did C recognize it as such?>

^1;6(2) 1-16-72

<C is wearing Marc's pants. M had reminded her of this. After her nap, she touched them, saying:>

C: [ma:] " Marc ".

% POSS

^1;6(2) 1-16-72

<C touches wall in her room, says:>

C: [hwa] " wall ".

<M has pointed this particular wall out to her before and labelled it.

But a couple of days ago C had pointed to another, previously unmentioned, wall, also saying "wall".>

^1;6(2) 1-16-72

<C climbs up on M, who is sitting beneath the dining room window, saying:>

C: see .

<Then looks out window.>

^1;6(2) 1-16-72

<C playing with toy deer. Points to its mouth, saying:>

C: [maw] " mouth ".

^1;6(2) 1-16-72

<C points to several holes in the bathroom radiator, saying:>

C: [haw] " hole ".

<She also said this while pointing to top of a screw and to a small round place where a metal point had come off of the radiator.>

^1;6(2) 1-16-72

<C hears tone on telephone, says:>

C: [d& d&] . <= singing , music , dance >

^1;6(3) 1-17-72

<Phonology: Today and in the last few days, C has been adding initial [h] to several words whose adult forms start with vowels.

Previously these were without [h]:>

C: [ha] " up ", [habi] " open " <also " horsie ">, [hawi] " out " .

^1;6(3) 1-17-72

??<M says "so", then [su]. C imitates repeatedly:>

C: [saw] " so " <and> [su] , [s.iu] .

^1;6(3) 1-17-72

<M says "please", then "potholder". C imitates as:>

C: [bi] " please " <and> [ba] " potholder " .

^1;5(3) 1-17-72

<C comes to M extending a wet hand. M wipes it with her own hand. C not satisfied, says:>

C: [didu] . < = toilet ; here= Kleenex >

<She then leads M to the changing table. M lifts her up. C points to the Kleenex box. Wants to have her hand properly wiped. Then she is satisfied. C may have used [didu] because the Kleenex is similar to toilet paper.>

^1;6(3) 1-17-72

<Motor devel.: C practicing jumping again today. She managed to get both feet off the floor at once for the first time.>

^1;6(3) 1-17-72

<Phonology: reduplication. As F leaves the house, C says:>

C: [bA bai bai] " [bA] bye-bye " .

^1;6(3) 1-17-72

<C looking at a "Goldilocks and the Three Bears" book. She sees a picture with beds, says:>

C: [nai nai] " night-night ".

^1;6(3) 1-17-72

<C watches M flatten out cartons and lay them flat on floor, says:>

C: night-night .

^1;6(3) 1-17-72

<C is taking sweater off. She says:>

C: [a] " off ".

<On-off still pronounced [a]. Not as common now as once was.

Also used for turning lights on and off.>

^1;6(3) 1-17-72

<C and M in bathroom. C stands by closed door, says:>

C: [haw] " out ".

<Phonology: initial [h] is new>.

^1;6(3) 1-17-72

<C finds the toy box with the "special day" toys. She says several times:>

C: [ba] " box ".

<Then pounds on lid, saying several times:>

C: mommy.

<Then says several times more:>

C: box . <= open >

<She wants M to open the box. "Open" not said, though often it is the first word mentioned on similar occasions.>

%

AG

^1;6(3) 1-17-72

<C pulls on refrigerator door, wanting M to open it, and says:>

C: [daw] " door ".

%

OBJ

^1;6(3) 1-17-72

<C and M playing with a Snoopy jack-in-the-box. C touches
Snoopy's puppet-like hand which sticks out from its side and says:>

C: hi .

^1;6(3) 1-17-72

<C sticks her hand up inside her snow-suit hood and says:>

C: hi .

^1;6(3) 1-17-72

<C continues to be more interested in looking at picture books
and magazines than earlier. Names objects and responds to
M's dialogue. E.g., sees bed and says:>

C: night-night .

^1;6(3) 1-17-72

<C has found a hammer. Says several times:>

C: [h&] " hammer ". <Then:> daddy .

% POSS

^1;6(3) 1-17-72

<C pats stool where she wants M to sit down, saying:>

C: mommy .

<As soon as M sits, C says:>

C: [titi] " Christy ".

<and then she starts to climb into M's lap>.

% AG

^1;6(3) 1-17-72

<C's Christmas stuffed dog came in the mail. C calls this animal:>

C: [dadi] "doggie".

<as M does most of the time. Occasionally she calls it:>

C: [wa wa] "bow-wow".

<It is curious that C didn't adopt "doggie" for real dogs, since M used to use the word. Finally, though, M has adopted "bow-wow" instead, under C's influence.>

^1;6(3) 1-17-72

<C in the tub, washing doll with soap. Demands soap from M, who is holding it and had begun to try to wash C with it, by saying:>

C: [wa] "wash".

<She has given delayed imitations of "wash" recently.>

^1;6(3) 1-17-72

<For the last few days and today, C has seemed to be trying to say "shirt". Today she held out her pyjama top, saying:>

C: [si] "shirt". (?)

^1;6(3) 1-17-72

<C picks up roll of masking tape and touches exposed end, saying:>

C: [kiki] "sticky".

<F says that he has heard her say this before.>

^1;6(3) 1-17-71

<C points to a Slinky (a toy consisting of a metal spiral), says:>

C: [sisi] "slinky".

<I have heard this word several times in the last few days.>

^1;6(3) 1-17-72

<M sitting on hassock in dining room. C comes in and climbs on her lap. Looking over M's shoulder out of the window, she says:>

C: [wi] " window ".

<First observed use. Usually window slats are shut at this hour of the morning and M often says "mommy will open the window".>

^1;6(3) 1-17-72

<C touches shelf of refrigerator and says:>

C: [kaw] " cold ".

^1;6(3) 1-17-72

<C, wanting cheese, says:>

C: [di , di] " cheese , cheese ".

^1;6(3) 1-17-72

<C straddles her toy mailbox, says:>

C: [wai] " ride ".

^1;6(3) 1-17-72

<F in bathroom, pushes door all the way closed so it clicks. C says:>

C: [daw] " door "

^1;6(3) 1-17-72

<C in tub, sees soap and says:>

C: [saw] " soap ".

^1;6(3) 1-17-72

<C touches nose of Snoopy jack-in-the-box and says:>

C: [nu] " nose ".

^1;16(3) 1-17-72

<C looking through Goldilocks book. Points to house M had named a few minutes earlier, and says:>

C: [haw] " house ".

^1;6(3) 1-17-72

<C sees stairs in picture of a house in her Goldilocks book.

She says twice:>

C: [hi] " stairs ".

<Her pronunciation of "stairs" usually has been closer to [ti].>

^1;6(3) 1-17-72

<C sees her bear lying on its back on the toilet, and says:>

C: night-night .

^1;6(3) 1-17-72

C: [ha] " up ".

<This has been produced on several occasions today:>

1. C climbing up onto the couch.
2. C wanting to get up on the counter, as an imperative [ha , ha] .
3. C wanting to get into M's lap.
4. C wanting to get up on the changing table.

^1;6(3) 1-17-72

?? <C wants to come in from the living room to the master bedroom.

She waves her hand vaguely in the direction of the bedroom, saying:>

C: [hwum] " room ".

<An idiosyncratic form she uses to indicate she wants herself or someone else to move from one place to another.>

^1;6(4) 1-18-72

<M says "stool ". C imitates as:>

C: [du:] " stool ".

^1;6(4) 1-18-72

??<S says:>

C: [pu:] " spoon ".

<M says "...poom", in anticipation of how C will soon pronounce it. C immediately imitated (?) as:>

C: [bum] " spoon ".

^1;6(4) 1-18-72

<Phonology: C pronounces "hello" as:>

C: [ijaw] " hello ".

<rather than, as in previous notes:>

C: [Ejow] " hello ".

??^1;6(4) 1-18-72

<M says "band ". C imitates rubber band as:>

C: [bi b&] . <Then as> [b&] " band ".

^1;6(4) 1-18-72

<M says "bell". C imitates repeatedly as:>

C: [bi] " bell ".

^1;6(4) 1-18-72

<Phonology:>

C: [ay] <and> [hay] " eye ".

C: [ˈhaga] " all gone ".

C: [g&] " cat ". <Imitated> C:

[ga] " car ".

<Pronounced more like this today than like [ka], as previously recorded.>

C: [bi] " bell ". <Imitated>

^1;6(4) 1-18-72

C: [am:].

<Babbling: For at least a couple of weeks, C has amused herself babbling with [am:]. She babbles relatively rarely otherwise.>

^1;6(4) 1-18-72

<C playing with beads and a vase. She continually says things like:>

C: [a wE bi:] <and> [A bE bi:] " XX bead ".

^1;6(4) 1-18-72

<Phonology: [A] now precedes many words. [wA] and especially [dA] are not common anymore. E.g.:>

C: [A b&] " [A] bath ".

^1;6(4) 1-18-72

<C anxious to go for a walk, preparations have begun. She says in quick succession:>

C: mommy . daddy . [wa] " walk ".

% AG

^1;6(4) 1-18-72

<C brings her boots to M, says several times:>

C: boot .

<She wants M to put them on her; shows this by saying:>

C: [titi] " Christy ".

% GOAL DAT

^1;6(4) 1-18-72

<C sees M's boots in the closet, says:>

C: [bu: . mami] " boot . mommy ".

% POSS

^1;6(4) 1-18-72

<C tries to get M to pick beads up off the floor for her by saying repeatedly, pointing:>

C: [& bi 'bi:] " XX bead bead ".

^1;6(4) 1-18-72

<C playing with Christy P, a child from next door. Wants her to get into a big box to play going to sleep. Shouts at her repeatedly:>

C: [nai nai] " night-night ".

^1;6(4) 1-18-72

<C pounds on M's dressing table. M says "pound". C imitates several times as:>

C: [bawm] " pound ".

^1;6(4) 1-18-72

<C pounds her dog with a bead. M says "pound" and "poundy" several times. Slightly later in this same context, C starts to say:>

C: [ba:m] " pound ".

^1;6(4) 1-18-72

<C imitated "there", in the sense of "that's done", as:>

C: [ti] " there ".

^1;6(4) 1-18-72

<C wants all her animals out of the crib. Dolly and bunny are still left. First C says:>

C: [dai] " dolly ".

<until M takes it out. Then:>

C: [bai] " bunny ".

<First use for a long time.>

^1;6(4) 1-18-72

<Kitchen stool is missing. C indicates she wants it. Imitates "stool" as:>

C: [du:] " stool ".

<When M replaces it and starts to sit, C pushes her aside, and says:>

C: [titi] " Christy ".

<Wants to get up on it herself.>

% AG

^1;6(4) 1-18-72

<M puts C's glasses on crooked, but doesn't realize it. C whimpers and says:>

C: [titi] " Christy ".

^1;6(4) 1-18-72

<C hears a bell chime outdoors, and says:>

C: [d&d&] . <= music , singing , dance >

^1;6(4) 1-18-72

<M starts a record, holding C up. As the music begins, C says:>

C: [d& d&] . <= music , singing , dance >

^1;6(4) 1-18-72

<C's dog is on the toy mailbox. She says:>

C: [wai] " ride ".

<Phonology: Incidentally, though "ride" has been recorded as [rai] in the past, it is not. It is bilabial, tongue not retroflex. Same for "rock" and "write".>

^1;6(5) 1-19-72

C: fruit .

<Phonology: Today, I clearly saw a labio-dental [f] in "fruit".>

^1;6(5) 1-19-72

<Phonology: Words said spontaneously:>

C: [hai] " eye "

C: [u:ai] " write "

?? C: [uiawa] " wow-wow "

C: [hwi:] " feet "

C: [t&] " glasses "

<Imitations:>

C: [haw] " out "

C: [si:] " slip "

C: [u:i] " away "

C: [kju:] " school "

C: [j&] " lap " <Several times>

C: [bi] " pail " <Several times>

C: [h&] " head " <Repeatedly>

C: [daw] " stone "

<This last might have been:>

C: down

?? C: [PH] " food "

C: [pi] <or> [bi] " spill "

C: [ki:] " skin "

C: [ti:] " tape "

C: [PH&] " fan "

C: [hi] " eat " <Several times>

C: [mu] " more "

<Lately, "more" has seemed to be pronounced more this way than the

?? usual [mo]; [u] is short.>

C: [ba] " butter "

C: [b&] " bread "

C: [hwi] " feet "

C: [fu] <and> [PHu] " fruit "

^1;6(6) 1-20-72

<Phonology:>

C: [ta] " top " <Imitated>

C: [bi] " bear "

<Definitely a short vowel. Also occurs with a long vowel.>

C: [b&] " bed "

<Imitated, after M said "Do you want to cuddle some more in bed?".>

C: [bi] " tree "

<Imitated. In the past, this has also been [ti]. Today, it also was a with a voiceless bilabial fricative, [PH].>

C: [baum] " pound "

<Imitated. [m] voiceless, just a closing of the lips.>

C: [hi] " ear "

<In the past, this has been [i].>

^1;6(7) 1-21-72

<Phonology:>

C: [bu] " boat "

<Imitated. Very clear. Has been closer to [bo] in the past.>

C: [fa] " flower " <Imitated>

C: [na] " knock "

<Imitated, but hours later in the day, also spontaneous.>

C: [kiki] " tickle " "

C: [nu] <and> [now] " noise "

<Renditions with a few seconds of each other.>

C: [wiwi] " T.V. "

<Imitated. Note that "Stevie" is also rendered as [wiwi]. C also imitated this word in some other way, with labio-dental sound for [v].>

C: [h&] " hat "

<In the last couple of days [d&] for "hat" has been replaced by this.>

C: [bu:] " spoon "

<Also, more often rendered as [pu:].>

C: [wi wi wi] " ring "

<Imitated. M tried repeatedly to get C to imitate this in connection with M's ring, and got no response. Finally, M said "ring" 4 times in succession. C responded with this in a disinterested way.>

C: [ka] " coffee table "

C: [di da] " tick tock "

^1;6(8) 1-22-72

<C looking at herself in the mirror. M says:

M: Is Christy watching Christy?

C: Christy .

<Said twice while tapping on the mirror and looking at herself; she then says:>

?? C: Christy . <Imitated>

^1;6(8) 1-22-72

<Phonology:>

C: [d&] " glass " <Imitated>

C: [gi] " again " <Imitated, several times>

C: [ni] " nipple " <Imitated, several times>

C: [fu] <or> [PHu] " fruit ". <Imitated>

C: [i:] " ink " <Imitated>

C: [da] " drops " <Imitated>

C: [h&] " egg "

<Imitated, but delayed several minutes after the model, as C plays with M's egg.>

C: [hwa] " watch "

C: [hwa] " wash "

C: [hwu] <and> [hwuwu] " rooster " <Imitated>

C: [hwu] " wrote " <Imitated, uncertain>

C: [mi] " mirror "

<Imitated, but clear evidence of understanding.>

C: [ba] " blood "

<Imitated several times.>

C: [ma] " mud "

<?? Originally modelled in a day, but occurred appropriately several times later.>

^1;6(9) 1-23-72

<Phonology: C's achievement for today is a sudden blossoming of production of final consonants, mostly nasal. She produces them by adding a vowel which is the same as the one in the preceding syllable, making a two-syllable word out of a one-syllable CVC-type word. See additional phonology entry for today. An exception where the final vowel is different is:>

C: [ki:na] " clean "

<Earlier clues that nasals would be C's first final consonants were these imitations:>

C: [gAm] " gum "

C: [ain] " iron "

<and the spontaneous use of:>

C: [hwum] " room "

^1;6(9) 1-23-72

<Phonology. * means occurs almost daily:>

C: [si] " swim " <Imitated>

C: [ti] " stir " <Imitated>

C: [m&] " mad "

<Imitated>

C: [du] " toe " <Imitated>

C: [haba] " Babar " <Imitated>

C: [hway] " dry "

<Imitated. Not absolutely certain, only one time.>

C: *[ki:na] " clean " <Imitated>

C: *[b&n&] " bang "

<Imitated. Also, once as [bede].>

C: *[dawna] " down "

<Spontaneous. Then [daw] a moment later.>

C: *[f&n&] " fan " <Imitated>

C: *[haga] " honk " <Imitated>

C: [hwa] " watch " <Spontaneous>

C: [da] " stuck "

<Imitated, with force, several times.>

C: [h&] " ham " <Imitated>

C: [kakaw] " coca cola "

<I think this is her typical pronunciation.>

C: [j&] " leg " <Spontaneous>

C: [saw] " shout "

<Imitated several times.>

C: [wi] " away " <Spontaneous>

C: [nA nai nai] " night-night "

<C very often renders this with one or more preceding [ha] or [na] sounds.>

C: [s&si] " shower " <Spontaneous, repeatedly.>

^1;6(10) 1-24-72

<Phonology:>

C: [hwi] " whistle "

<Imitated several times>

C: [hwi:] " furry " <Imitated>

C: [kai] <and> [bai] " dry "

<Two successive imitations.>

C: [fai] " find "

<Imitation of "What did you find?">

C: [sisi] "sleepy "

<Imitated several times>

C: [si] "lid "

<Uncertain imitation. Not really clear if this was the model.>

C: [gaw] "couch "

<Imitated at first, then used often spontaneously in the next hour. C has a clear understanding.>

C: [hibi] "elevator "

<Imitated several times, but somewhat delayed. Evidence of understanding.>

C: [ju] "you "

<Imitation of "not for you".>

C: [hwa] "wall " <Imitated>

C: [h&] "egg "

<Several times today, spontaneous; was an imitation yesterday.>

C: [bai] "bike ".

<Spontaneous yesterday, repeated today.>

C: [wai] "cry "

<Spontaneous on hearing a baby cry. New.>

C: [mu mi] <and> [mi mu] "new milk "

<Both imitations, in quick succession.

C: [b&] "bread "

<Spontaneous, on seeing bread.>

?? C: [PHa] "fall "

<Imitated, then again as [fa].>

C: [dai] "tie "

<Spontaneous. Was imitated a couple of days ago.>

C: [saw] "shout "

<Spontaneous. Was imitated a couple of days ago.>

C: [bu] " boat "

<While playing with a boat in the tub.>

C: [gi] " OK "

<Imitated. It used to be [ke] and earlier still [aki], when produced spontaneously.>

?? C: [haAdi] " Angie " <Imitated, several time.>

C: [ham:a] " home "

<Imitated, several times, different models.>

C: [bum] " spoon "

<Spontaneous, couple of times. First time the final nasal added.>

C: [sai] " siren "

<Delayed imitation, clear understanding.>

C: [sasi] " cereal "

C: [siuw] " soup " <Imitated>

C: [naw] " now " <Imitated, several times>

C: [ka(m)] " come " <Imitated>

C: [ki] " stick "

<Imitated, probably derived from [kiki] "sticky".>

C: [ni:] " sneeze " <Imitated>

^1;6(11) 1-25-72

<Phonology:>

C: [fi:] " face " <Imitated>

?? C: [sI] <Then:> [si] .

C: [hwAtsIs] " what's this ? " <Imitated>

C: [mu:mA] " moon " <Imitated>

C: [hwawa] " wow-wow "

C: [sIsi] " Sissy " <Imitated>

C: [ti:] " trip "

<Imitated. In sense of "stumble ">

C: [bi] " spill " <Imitated>

C: [m&] " mess , messy " <Imitated>

^1;6(12) 1-26-72

<Phonology:>

C: [bi] " bead " <once, then:>

C: [fi] " vase "

<Imitated. C playing with a vase and beads; she contrasts [fi] with [bi].>

C: [da] " drop " <Imitated>

C: [bi] " drip " <Imitated>

C: [bai] " dry "

<Imitated several times.>

C: [didi] <and> [titi] " dirty "

<Imitated several times. Has imitated this before.>

C: [su:] " shirt " <Imitated once>

C: [b&n&] " bunny " <Imitated several times>

C: [wiwi] " T.V. "

C: [fi:] " ring "

<Imitated, slightly lip-rounded [f].>

C: [mami wiwi] " mommy's ring "

<Imitated, then says [fi:] "ring" several times.>

C: [daw] <and> [du] " towel "

<Imitated, several times each.>

C: [ni] " sneeze "

C: [hwu] " rooster "

<Imitated, same way as a few days ago.>

C: [ba] " bumper " <Imitated>

C: [si] " leaf "

<Imitated several times.>

C: [bu] " purr " <Imitated>

C: [haga] " honk "

<Imitated, same way as a few days ago.>

C: [bi:bi] " baby "

<First time I've noticed the lengthened first syllable.>

C: [sa(m)] " thumb "

<Imitated several times, but bottle was in C's mouth.>

C: [fi:] " fur "

<Imitated, slightly lip-rounded [f].>

C: [bi:] " book "

<Imitated, but not certain.>

C: [h&] <and> [h&:] " ankle " <Imitated>

C: [di] " chair "

<Very clear [d].>

^1;6(18) 2-1-72

<My impression is that in the last couple of days C has been producing noticeably more actual 2-word sentences plus more combinations of related single-word utterances.>

^1;6(18) 2-1-72

<C tries to fit a shape into her fitting box. Each time she tries a hole it doesn't go into, she says:>

C: no .

<Same situation and utterance later in the day. Bloom's "nonexistence" sense of negation.>

^1;6(18) 2-1-72

<Phonology:>

C: [bi] " crib "

<Imitated, not absolutely certain.>

C: [b&ni] " bunny "

<Spontaneous. Upon M's immediate model, C changes to:>

C: [b&mi] " bunny " <Imitated>

C: [dawm&] " down " <Twice>

C: [dawm] " down "

<Once, in sequence with [dawm&]. Later:>

C: [daw] " down "

<Said in exactly the same situation, as C gets off her horse.>

C: [PHi] " wrist " <Imitated>

C: [hama] " hum "

<Imitated. M had pronounced the [m] exaggeratedly.>

C: [PHuw] " rope "

<Imitated two or three times.>

C: [si:] " lips "

<Imitated. "Lips" may not have been the model, but this followed upon M's rendition of "lips ".>

C: [kam] " come "

<3-4 times, then:>

C: [kama] " come " <Several times>

C: [sa:n] " thump "

<Imitated several times. Sometimes the initial sound was like C's usual [s] but at least once she had her tongue very extended between her teeth.>

C: [ma] " tomorrow " <Imitated>

C: [juw] " you " <Imitated>

C: [bi] " paper " <Imitated>

C: [bai] " cry " <Imitated>

C: [o&] " washrag "

C: [suw] , [suway] , [s:uw] " swim ". (?)

<All in succession, possible imitation of "swim".>

C: [PHi] " swim " (?)

<Another possible imitation of "swim", more likely than the above.>

C: [tu:(w)] " chew " <Imitated>

C: [a 'ti:] , [& 'ti:] " a chip " <Imitated>

C: [bi] , [dwi] , [bdi] , [di] " creak "

<Imitated, all produced several times in close succession. C had heard a noise that M called a "creak ".>

C: ['aibaw] " eyebrow " <Imitated>

?? C: [he:'bi] , ['hibi] " airplane "

<Two renditions, a short time apart.>

C: [PHi:] , [fi] " wings "

<Imitated, in close succession, then a moment later:>

C: [f&] " flap " <Imitated>

C: [bd&] , [be] " dress " <Imitated>

C: [PHa] " wash " <Imitated>

C: [huwawa] " bow-wow "

C: [ti] " tail "

C: [ti] " tape "

C: [ha:mma] " arm "

C: [mami , n&di] " mommy , daddy "

<C had been saying both names. Nasals from "mommy" seem to have interfered with initial stop of " daddy "--C nasalized it.>

^1;6(18) 2-1-72

<C finds among her toys a tiny doll that often takes a bath with her.

She holds it up and says:>

C: [b&] " bath ".

END OF CHR04 (FOURTH CHRISTY FILE)

