

CHR05**Christy aged 1;6(5) to 1;6(16)**

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

<Phonology: Words said spontaneously:>

C: [hai] " eye "

C: [u:ai] " write "

C: [uiaua] " wow-wow " CHECK

C: [hwi:] " feet "

C: [tʰ] " glasses "

<Imitations:>

C: [hau] " out "

C: [si:] " slip "

C: [u:i] " away "

C: [kju:] " school "

C: [jʰ] " lap " <Several times>

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

C: [hʰ] " head " <Repeatedly>

C: [dau] " stone " <This last might have been:>

C: down

C: [PH] " food " CHECK

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

C: [ki:] " skin "

C: [ti:] " tape "

C: [PHʰ] " fan "

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

C: [mu] " more "

<Lately, "more" has seemed to be pronounced more this way than the CHECK usual [mo]; [u] is short.>

C: [ba] " butter "

C: [bʰ] " bread "

C: [hwi] " feet "

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

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

<C in the bathtub. She hears ice clinking in the kitchen.

Says repeatedly:>

C: [kakau] " coca cola ".

<F often fixes coke with ice in it.>

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

<As soon as C got up, she began to say repeatedly:>

C: [mʻ] " man ".

<Yesterday just before she got up, the diaper man came.

She was very impressed with this [mʻ].>

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

<C pats her mouth with bread while vocalizing. Then puts the bread down and does it with her hand, saying:>

C: [ma] " Marc ".

<She and Marc, have lately been doing this together.>

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

<In the morning, C suddenly says:>

C: baby . bye-bye .

<She was remembering the night before. In a restaurant, C had watched another child. Said:>

C: baby .

<Then when the child left, she said much:>

C: bye-bye.

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

C: all gone .

<C fills teapot with toys. Then says " all gone " and begins to take them out. Note that here she uses " all gone " to encode her intention to "make something all gone". She also says " more " to cause recurrence to come about as well as to describe it.>

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

<C sees pad and pencil, says:>

C: [' wA wai] " XX write ".

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

C: down .

<C lately has been using "down" to describe motion of things other than herself, e.g., as M set the hood of her bassinet on the floor.

Also, as a request to get out of Roc-n-Spin chair and to describe self getting off a low bed.>

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

C: [hwAm] .

<C and F by refrigerator. C touches F's hand which is on the floor, pulls him toward refrigerator, saying [hwAm] repeatedly. Not quite like [hwum] "room" (which C uses to get people to move from one place to another) or like [fu] "floor". Meaning unclear.>

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

C: [ha] " up ".

<Produced on two occasions:>

1. To get M to put a blanket up on a counter where it had just been.
2. To get M to lift her on the toilet.

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

<C and M running bath water. Both go out to get doll from living room.

M continues on into bedroom. C motions back toward bathroom, says:>

C: [hwum] " room ".

<This word always seems to be used to get M to come with C into a different part of the house.>

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

C: [si:] " slip " . <Imitated>

<C slips in tub. M says "...slippy slip". C imitates as [si:] and makes the doll slip.>

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

<C wants fruit, says:>

C: [fu] " fruit ".

<Then imitates M's "fruit" with [f].>

^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

<C gets soap in her eye. She gets out of the tub crying and rubs her eye, saying:>

C: [hai] " eye ".

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

<C tries to put nude doll into its bed feet first, says:>

C: [hwi:] " feet ".

<M tries to get her to say it again. She finally imitates M's "feet" as [hwi].>

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

<M fixing bread on counter>.

M: "Do you want some butter on your bread?"

C: [didi] " Christy ".

<To confirm that she does.>

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

C: [j' j'] .

<C has been saying [j' j'] repeatedly as a "complaint" when she is whining.>

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

<C in high chair. Hears toaster pop open behind her, says:>

C: [du:] " toast ".

<Not previously modelled by M, although C has given delayed imitations in similar situations.>

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

<C picks up a rubber band, saying:>

C: [b':] " band ".

<First spontaneous use, though it has been much imitated lately.>

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

C: [s'] <= " what's that ?">

<C has lately begun to imitate M's "what's that?" as [s']. Also used in other places where a question might be appropriate, and once today after "what's this?" M often pronounces this phrase as [hwAts't].>

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

<"Shirt" was several times throughout the day rendered as:>

C: [si:] "shirt".

<Just starting to come in. E.g., wanting M to take her shirt off next, just after her pants have been taken off.>

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

<C soaping doll in the tub. She says repeatedly as she plays:>

C: [u:a] " wash ".

<No previous model.>

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

<While C is in the tub, she notices that M is writing, says:>

C: [u:ai] " write ".

^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: [bʹ] " 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(6) 1-20-72

C: daddy .

<C put M's belt around her neck, said " daddy " , and went into the
bathroom to show him. Slightly earlier she had gone into the bathroom
to show him a pail over her head, so she had a "showing daddy" set.>

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

C: [dau] " down " .>

<produced several times today:

1. When C wanted to stop riding the kiddicar.
2. When she wanted to get off a low bed.
3. When she wanted to get out of her Roc-n-Spin chair.

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

<C put toy telephone to bear's ear, said:>

C: " hello ".

<Then saw the cow, and said:>

C: [gau] " cow ".

<Then put the receiver to its ear.>

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

<M cleaning C's ear with Q-tip. C grabs Q-tip and says:>

C: [hi] " ear ".

<Then puts it to her ear. Another example of [h] coming in before vowels where it doesn't belong and didn't used to be.>

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

<C notices Barbie's necklace, says:>

C: [n'] " necklace ".

<C has imitated "necklace" in this way before, and understands when asked "where is your neck?" >

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

<M pushing C on kiddicar. Whenever M stops, C says insistently:>

C: mommy , mommy , mommy .

<Wanting M to push some more.>

^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] " tickley "

C: [nu] <and> [nou] " noise " <Renditions with a few seconds of each other.>

C: [wiui] " T.V. "

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

C: [hʻ] " hat "

<In the last couple of days [dʻ] 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(7) 1-21-72

<Today C often repeated with great insistence:>

C: [bʻ bʻ] .

<Reference is unclear.>

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

<Spoon in C's dish clanks. C says:>

C: [A bu:] " XX spoon ".

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

<M and F in their bed in A.M. To get M out of bed, C says:>

C: [hwum] " room ".

<After M gets up, C plays in bedroom for a minute, does not go to another room. Finally says "room" again and leads M toward kitchen.>

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

C: knock . <Imitated>

<TV man in house, made lots of noises. M introduced the word "knock" and repeated it often to see how C would imitate. Finally she began to say [na] repeatedly, with seeming understanding.>

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

<C in tub, hears sharp noises in another room, says:>

C: [na] " knock ".

<She had imitated this and seemed to learn it earlier in the day.>

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

<C gets M to set down a glass of "Instant Breakfast". Picks it up, starts to drink, then pauses to say in a confidential way to M:>

C: [titi] " Christy ".

<Then she drinks, then says:>

C: ['d'di 'bebi] <or> ['d'di 'bEbi] " daddy baby ".

<She is glancing toward bedroom where F is. Meaning unclear.

No baby present nor any immediately preceding or following interaction with F.>

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

<Negation: C uses ['na no] NO NO often to reject unwanted physical or verbal advances of M or F. Haven't noticed any other sorts of uses lately.>

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

<For a long time, C has been saying ['a di 'd'] frequently, with unclear reference. Sounds like "I did that". Sometimes seems a remark of surprise or special delight.>

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

<C in tub, holding washrag. Says:>

C: [titi] " Christy ".

<and puts washrag up against her stomach.>

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

<To get M to lift her up to see out of front door window, C says:>

C: [si:] " see ".

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

<In tub, M washes between C's legs, she giggles and struggles, says:>

C: [kiki] " tickly ".

<First use. M often says "tickly" in contexts in which C seems ticklish.>

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

<M putting dinner on table. C pounds seat of M's chair at table, repeatedly saying:>

C: mommy .

<Wants M to sit down.>

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

< C in tub. M puts her feet up on the edge of the tub. C seizes a foot and pulls it toward her trying to get it into the tub, saying repeatedly:>

C: [bʻ] " bath ".

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

<C notices M's hat first thing when M enters the house. She says repeatedly, pointing:>

C: [hʻ] " hat ".

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

<C playing with her chair and stands up in it saying:>

C: [di] or [ti] ! " chair ".

<As soon as M pulls C on her lap on couch, C protests, saying:>

C: [di] ! " chair ".

<Wanting to get down to chair. She plays with its side, but doesn't get on it now.>

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

<C gets three new big plastic toy boxes with little perforations in the bottoms. She points to a round perforation and says:>

C: [mai] " money ".

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

<M puts her watch to C's ear. C delighted. After a moment she says:>

C: [di da] " tick tock ".

<This has been rendered as [d'di d'di d'di] in the past.>

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

<For quite a while, C has called for her missing dolls and animals – e.g., when she is about to go to bed, or ends up in bed without a customary toy, or is about to leave the house with M. Usually she says:>

C: [bi] " bear " <and:> [dai] " dolly ".

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

<C points to the eye in the "face" on toy Chatter-phone, she says:>

C: [jai] " light ".

<Does it possibly remind her of a car's headlight? She has said "light" while passing cars at night.>

^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(8) 1-22-72

<C imitates numerous times today:>

C: [gi] " again ".

<Possibly uses it once spontaneously.>

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

<C on bathroom counter, doll in sink. C tries to get at doll, saying:>

C: [hwa] " wash ".

<C's interaction with doll has been much "washing" lately, during baths.>

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

<C on M's lap at the table. She wants M to pick up bear. Then she says:>

C: [hwa] " watch ".

<M sits bear on table to "watch" C, she is satisfied. M often tells C that bear or dolly will "watch" her during meals in this way.>

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

<M peels tape price tag off a box. C says while taking it:>

C: [kiki] " sticky ".

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

<C at base of slide. Says:>

C: [ha] " up ".

<She climbs up. At the top, she says:>

C: [dau] " down ".

<Then M and C slide down.>

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

<C sees the Gerry-carrier in house as M and C prepare to go out, she says, clearly wanting to ride in it on M's back:>

C: [b'] " back " .

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

<In park, Gerry-carrier which M brought C in, is at a distance.

C ready to go home. She walks around behind M looking up at her back and says:>

C: [b'] " back " .

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

<C giving bear a ride in wagon. She goes to the end of the living room, then she turns wagon around before returning and says:>

C: [b'] " back " .

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

C: bear . night-night . dolly .

<C in big box. Sees bear and wants it in another box next to hers.>

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

<C looking at self in the mirror:>

M: " Is Christy watching Christy? "

C: Christy <twice.>

<She is tapping on the mirror and looking at herself. She then says:>

C: hi .

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

<F observes that C often says "hi" when she is a little uncertain of what she is doing -- sort of wants to check it out with him and make sure it is OK. I've noticed this occasionally too. Also when doing something mischievous.>

C: hi

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

C: hi .

<C in the tub. Washrag goes over her foot. She notes this with interest and says " hi ". Similar to " hi " elicited by things over her hands.>

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

<C balances part of a toy on the end of her finger, says:>

C: hi .

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

<C put her finger to the bottle's nipple, she got a drop of milk from it. Holds it up saying:>

C: hi .

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

C: glass . <Imitated>

<C calls M's glass [ba] " bottle ".>

M: " This is a glass ".

C: [d':] " glass ".

<Tapping the glass. First observed use.>

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

<C looking out dining room window at street, says " daddy " :>

M: "daddy's in bed".

C: [ka] "car".

<Evidently the "daddy" referred to daddy's car which C was looking at.>

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

<C in the park. Finishes with one toy. She turns toward sand pile and going toward it says:>

C: [s'] " sand ".

<Second use __ first (one token) was in connection with sand in " Touch Me " book a few days ago.>

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

<In the park, C puts handful of sand on her coat sleeve, says:>

C: coat .

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

<C sees boys at a distance playing basketball, says:>

C: [ba] " ball ".

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

<C on the bed in her room. Notices her snowsuit, says:>

C: ['ti:ti] " Christy ".

<This is often but not always pronounced with a long first vowel, with either [di:di] or [ti:ti].>

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

C: nipple .

<C's bottle nipple keeps getting blocked today, frustrating her.

She imitated " nipple " as [ni] numerous times, may also have said it spontaneously. Clearly understands it.>

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

C: mommy .

<C has her back to M. She picks up her bear and looks around saying " mommy ". She passes it to M.>

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

C: mommy .

<M pushes C in swing from behind for a while. Then moves around in front to push. After a while C gestures behind her, saying " mommy, mommy ", obviously wanting M to go back.>

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

<In the park, C noticed the slide, said:>

C: [sai] " slide ".

<She walked toward it. First certain use, though I think she may have said this as much as two weeks ago in another park.>

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

C: [hwi] " feet ".

<C puts bear in Roc-n-Spin chair, tries to position him, says [hwi].

Probably " feet " , as C tries to get feet into the holes.>

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

<M scraped mud of C's shoes, used word " mud ". C later said several times throughout the day:>

C: [ma] " mud ".

<E.g., picked up piece of mud off the slide and said " mud " (once long ago C said " cookie " in this situation).>

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

<C in box. She starts to climb out by dangling her bare foot over the edge between two boxes, murmurs:>

C: [hwi da] " feet (down (?)) ".

^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: [hwai] " dry " <Imitated. Not absolutely certain, only one time.>

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

C: *[b'n'] " bang " <Imitated. Also, once as [bede].>

C: *[dauna] " down " <Spontaneous. Then [dau] 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: [kakau] " coca cola " <I think this is her typical pronunciation.>

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

C: [sau] " 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(9) 1-23-72

<C in her highchair playing with doll. Sets doll on counter in upright position saying:>

C: [hwa] " watch ".

<She did this yesterday with bear. M often says someone or something will " watch " C during a meal or in the bath.>

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

C: wet .

<C says " wet " often for when her diapers become wet, or when she sees wet places on the floor or clothes in bed. Usually [w' w' 'w':] and the like -- i.e., much " reduplication " before the actual word.>

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

C: honk . <Imitated>

<C hears car honk. M imitates sound, also says " honk ". A few minutes later C says:>

C: [ka , hwu , hwu , hwu] .

<Imitative noise. Then switches to:>

C: ['haga] " honk " .

<She says this repeatedly. An example of today's sudden attention to final consonants, with following added vowels.>

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

<C, M and F in bathroom. C notices F about to leave, says " bye-bye " , before he goes. She always pronounces this:>

C: ['ba bai] " bye-bye " .

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

<C got coasters out of a cupboard. After playing with them for a while, she picked up the container and headed back toward the cupboard, saying:>

C: [wi] <or> [A wi] " away " .

<In similar situations, she has previously said " back ". First certain use of this, although I'm sure she has imitated it before.>

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

<C on F's lap. Says:>

C: [dauna] .

<She starts to get down. Once on the floor, she says:>

C: [dau] " down " .

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

<C wants M to take arms and legs off her doll in the bathtub, says:>

C: [dE 'ha] " XX off ".

<This [dE] preceding " on " and " off " was common several weeks ago, but has not been heard much in the last 3-4 weeks.> <1;5 like this.>

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

C: [a'ha] aha !

<For the last couple of weeks at least, C has been saying " aha " with great relish. Often practices it. But it does not seem to be tied to any specific situation, meaning is unclear.>

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

<C in the bathtub. She hears F clinking ice in the kitchen, says several times:>

C: [ka kau] " coca cola ".

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

<C picks up the leg of her dismembered dolly in the bath, says:>

C: [j'] " leg ".

<A few minutes later, she picks up the arm and says same thing. First spontaneous use, though imitation several weeks ago.>

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

<C took her first shower today, (own idea). She got into the shower and began to take her pants off. She said repeatedly:>

C: [s'si] " shower ".

<So M and C took one together, plus dolly. C enjoyed it, was not afraid.>

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

<C sees and touches microphone of tape recorder, says:>

C: [mai] " mike ".

<Has imitated this in the past.>

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

<C and M on the street. C sees man on motorcycle ride by and says:>

C: [bai] " bike ".

<No previous use nor known imitation -- it has been a long time since M has put C up on a bike seat.>

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

<C on M's lap in bathroom. Looks at switches on the wall. Says:>

C: [fʻ] " fan ".

<She turns fan switch on. After M says " fan " , C imitates as [fʻnʻ].

Today she begins to attend to final consonants (nasal mostly).>

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

C: [bʻdʻ] .

<In the last couple of days, C has said [bʻdʻ] a few times. Reference unclear. Perhaps " bed " or " bathroom ". Attention to final consonant, with an added vowel to make it possible.>

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

<In the park today, C's hands got very cold, she suddenly said:>

C: [mi] ! " mitten (s) ".

<No mittens present on either her or M, nor prior mention of them.>

^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: [gau] " 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: [hʻ] " 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: [bʻ] " bread " <Spontaneous, on seeing bread.>

C: [PHa] " fall " CHECK <Imitated, then again as [fa].>

C: [dai] " tie " <Spontaneous. Was imitated a couple of days ago.>

C: [sau] " 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.> CHECK

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: [nau] " now " <Imitated, several times>

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

C: [ki] " stick " <Imitated, probably derived from [kiki] "sticky".>

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

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

<C in the tub. Screeches at F in the doorway, then says:>

C: [sau] " shout ".

<She imitated " shout " recently with apparent understanding, after she had heard a man shouting. Tonight she went on:>

C: [mʻ] " man ".

<Screech, screech. Then:>

C: baby . <Screech, screech.>

<Earlier in the day C had heard a baby crying. Probable reference to this.>

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

C: new milk. <Imitated, two times.>

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

<C in her crib. M sits down on the bed in her room. C says:>

C: [si] " sit ".

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

<C maneuvers with chairs, pushing them around. She says several times:>

C: [si] " sit ".

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

<M awakens C by patting and stroking her. C awakens suddenly and says:>

C: [bʻ] ! " pat ".

<She pats her own leg in the general area M had patted. While still lying on her stomach.>

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

<C and M in coffee shop. C hears baby cry behind her, she says:>

C: baby . [wai] " cry ". baby .

<I had thought recently that she could say " cry " , but not certain.>

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

C: [aha] aha !

1. C opens book, sees a picture of hippos and says [aha]!
2. C has been crying at night. M gets her up. They come to the couch, where C spies a bowl of peanuts which M has been eating since C went to bed. C says [aha]!

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

C: bye-bye .

<C stuffs a napkin ring into a container, says " bye-bye " while starting to put the lid on.>

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

<C visits F who is in bed but with glasses on. Takes off his glasses, saying:>

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

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

C: siren . <Imitated>

<C hears siren, M names it. A few minutes later out of the blue C says several times:>

C: [sai] " siren " .

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

<C up in late evening, crying. M tries food, then says " let's go sit on the couch " . C says:>

C: couch <[gau]>

<and says this spontaneously several times over next hour; e.g., when M takes her away and she doesn't want to go.>

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

C: beet .

<C up late at night. Says [bi] repeatedly, going to refrigerator:>

M: " Peas? do you want peas? "

C: no no .

<M tries " beets " C smiles. M gets out a can of beets and shows them

to her. She smiles again and then eats them. All other offers of food slightly earlier had not been successful.>

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

<C in front of M, who is eating an egg. C says:>

C: [ti:ti] " Christy ".

<Wanting to get at the egg.>

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

<M tells C she has a smelly B.M. M says smell several times to see if C will imitate. C puts the dominoes she has been playing with up to her nose.>

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

C: tie .

<C grabs F's tie, says [dai]. No model today. She imitated in this way a couple of days ago.>

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

<C eating. M takes a spoon to the sink, C asks for it with:>

C: [bum] " spoon ".

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

<C in back seat of car as M drives, playing with box of toys. Finds the tiny horse with rockers and seat which a tiny riding doll came with. She says:>

C: [bai] " bike ".

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

<M puts dish with deviled egg down for C. She inspects it, says:>

C: [h'] " egg ".

<She imitated " egg " yesterday, but it was not modelled today. Also, yesterday's was scrambled.>

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

<C takes a tiny cereal box out of cupboard, says:>

C: [sasi] " cereal ".

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

<Phonology:>

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

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

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

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

C: [hwaua] " wow-wow "

C: [sIsi] " Sissy " <Imitated>

C: [ti:] " trip " <Imitated. In sense of "stumble ">

C: [bi] " spill " <Imitated>

C: [mʻ] " mess , messy " <Imitated>

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

<C has been imitating " mess " or " messy " the last couple of days as:>

C: [mʻ] .

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

<C notices a red ink mark on her hand after coming home from Dot's. Says:>

C: [wai. Sisi] " write. Sissy ".

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

<M holding a photo, trying to keep C away from it. Many " no's " from M, then "not to touch ", C says:>

C: [ti -- no no] ! " touch -- no no " !

<She does not attempt again immediately.>

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

<C in hairdryer container, starts to close lid on herself, saying:>

C: bye-bye .

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

<C starts to take mitten potholder off her hand, says:>

C: bye-bye .

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

<M asks C if she'd like to take a shower. She smiles assent. M takes her to her room to get clean clothes, says " here's Christy's shirt ". C says:>

C: [si. ti:ti.] ['s'si ti:ti] " shirt . Christy . shower Christy . "

<Last two words like one sentence.>

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

<C has mitten potholder over hand, says:>

C: hi .

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

C: sandwich . <Imitated>

<C and M stop at 7.11. M says " mommy's going to go buy a sandwich " etc.

When M returns, C immediately says:>

C: [s':n'] " sandwich ".

<Said before seeing the sandwich. First observation.>

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

<Marc has cookie. Dot holding C. C leans toward Marc, crying repeatedly:>

C: [di:di] " Christy ".

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

<C sitting in M's lap at the table. M holds cereal bowl, C is trying to get her to set it on the table, says repeatedly:>

C: mommy .

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

<C hears a dog bark, she says:>

C: [hwa wa] " wow-wow " <or> " bow-wow " .

^1;(11) 1-25-72

<C hears KU whistle blow, says:>

C: [fi] " whistle " .

<Has been [hwi] in the very recent past.>

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

<C comes into bathroom where M is with belt, C says:>

C: [nʹ] " neck (lace) " .

<M puts it around C's neck, where she likes to wear belts. In this situation M says " is Christy wearing a pretty necklace? " >

^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: [bʹnʹ] " bunny " <Imitated several times>

C: [wiui] " T.V. " .

C: [fi:] " ring " <Imitated, slightly lip-rounded [f].>

C: [mami wiui] " mommy's ring " .

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

C: [dau] <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(12) 1-26-72

<C in the tub. M says " do you want to get out? ". C says:>

C: ['nou , b'] " no , bath ".

<She clearly wanted to stay in the tub.>

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

<C trying to put on her own sleeper. After a while M says " do you want mommy to help? ". C says:>

C: [no no , ti:ti] ! " no no , Christy ".

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

<C sneezes, then says:>

C: [ni] " sneeze ".

<First spontaneous use. Imitated a couple of days ago.>

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

C: no

<Negation: " No " continues to be used almost exclusively for rejection.

No more negative questions as noted a couple of times a week or two ago,
nor negation of own actions.>

^1;(12) 1-26-72

<C riding of Marc's tractor. M takes her off. She protests violently, leaning toward the tractor and yelling:>

C: [wai ! wai ! ti:ti ! wai ! ti:ti !]

C: " ride ! ride ! Christy ! ride ! Christy ! " , etc .

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

<C watching T.V. She sees a man running up stairs. M tells her that the man is running. After a while, C says:>

C: [wa] " run " , <Then:> [ti] " stairs " .

<The latter not modelled.>

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

<C takes a domino and hands it to M, saying:>

C: ['da 'mami] .

<Then, after about three seconds, says:>

C: [dana] " domino " . <(?)>

<She is not still holding the dominoes.>

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

<C and M in the living-room. C makes a whispered noise like [fi:], several times. Then says:>

C: [ka] " car " .

<She was listening to the cars go by. A few days ago M modelled a similar noise with respect to passing cars.>

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

<C sees bear lying down, slightly obscured by a blanket. She says:>

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

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

<C trying to get a blanket away from Erica, shouts:>

C: [b' 'nai nai] " blanket night-night ".

<Then drops the blanket on the floor and lies down on it.>

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

<Marc pushes C down, she hits her head and cries. As M holds and soothes her, she looks at Marc, sobbing and says:>

C: [ma] " Marc ".

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

<C leans hands face up against the window, says:>

C: [kau] " cold ".

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

<As C and M leave Dot's house, C notices the swing that she has ridden on before and runs toward it, crying:>

C: [ti:ti] ! " Christy " !

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

<Dot tending Brad on the floor. C goes toward them saying:>

C: [bi:bi] " baby ".

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

<C sees a balloon, says repeatedly:>

C: [buwai] " balloon ". <(?)>

<Later says this again as she rolls on the bed, no clear reference.

I've heard this before. Note, see 2-10-72 and 2-14-72 : bowling>

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

<C hears KU whistle blow, says:>

C: [hwi] " whistle ".

<First spontaneous use. On [hwi], as always, transcription should perhaps be [PH.wi].>

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

<C on the changing table with her pyjamas off. Twisting slightly to look behind her, she says:>

C: [bʻ] " back ".

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

<Erica Crosbie has C's bunny. C tries to retrieve it, saying repeatedly:>

C: [bʻnʻ] " bunny ".

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

<C looking in the refrigerator. Sees a whole egg, says:>

C: [hʻ] " egg ".

<Then touches foil packet concealing a deviled egg (she saw it open yesterday), says [hʻ].>

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

<C sees salt shaker in cupboard, says:>

C: [sa] " salt ".

<First spontaneous use.>

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

<C has been sitting on F's head on the floor. She wants to do it again. Says:>

C: [dʻ...dʻ...dʻ...dʻ..hʻ] " XX head ".

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

<C goes toward T.V., saying:>

C: [~A: wi 'wi wi] .

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

<C looks at F's ring, then at M's ring. She then imitates:>

C: [mami(s) wi wi] " mommy's ring ".

<M remarks on this to F. C then repeats [mami wi wi]. Then pats her own hand saying:>

C: [fi] " ring ".

^1;6(13) 1-27-72

<C is very " challenging " these days. When told not to do something -- e.g., stand up in the tub, or throw something, or take food, etc., she assumes a mischievous grin and just begins the action to see what the reaction will be. Over and over, subsiding each time we say " no ". Then immediately trying again. Other times when she actually feels frustrated, she will repeat an action, like throwing something, in apparent anger.>

^1;6(13) 1-27-72

<C watching Mr. F cleaning the bathroom:>

M: " He's cleaning, etc. "

C: [kikinA]. <Then:>

C: [ki , nou , ki , nou] " clean , no , clean , no ". <Then:>

C: [ki] " clean ".

^1;6(13) 1-27-72

<C begins to run around the room, she pauses to say:>

C: [wa] " run ".

<Then runs some more.>

^1;6(13) 1-27-72

<C says:>

C: [hwa] " walk ".

<She starts to walk through the living-room in self-conscious manner repeating [hwa] several more times.>

^1;6(13) 1-27-72

<C shining flashlight on the walls and ceiling, says:>

C: [wau] " round ".

<In response to pattern and movement of light.>

^1;6(13) 1-27-72

<C notices baby on T.V. ad, she says:>

C: baby .

<After a moment, she adds:>

C: [wai] " cry " .

<Although the baby is not crying.>

^1;6(13) 1-27-72

<M goes out in the car, leaves F and C at home. She returns. When C spots the paper bag M is carrying, she cries:>

C: aha !

^1;6(13) 1-27-72

<C notices Mr. F in bathroom, she says:>

C: [sas:i] " shower " .

^1;6(13) 1-27-72

<C is bare, on the counter. She pats her own fanny, saying:>

C: [f'] " fanny " .

^1;6(13) 1-27-72

<C picks up a rubber band, says:>

C: [b' n'] . [b' . b'] " band " .

^1;6(13) 1-27-72

<C finds African masks which M has on another day named, she imitated.

Today, she says several times:>

C: [m'] " mask " .

<It is possible she is thinking " man " .>

^1;6(13) 1-27-72

<C sees vacuum cleaner. Imitates M's label as [fa]. Later, sees the vacuum in a different place, says [fa] spontaneously. Still later, she sees vacuum by front door as Mr. F prepares to leave, says:>

C: [fa] " vacuum ".

^1;6(13) 1-27-72

<C hears KU whistle, says:>

C: [fi] .

<Or near to it:>

C: [f] .

<Perhaps with rounded lips slightly.>

^1;6(13) 1-27-72

<C playing on bed with dominoes, reaches toward the doll, saying:>

C: [bi:bi] " baby ".

<A moment later gives baby to M, saying:>

C: [b' bi] .

^1;6(13) 1-27-72

<C finds the dominoes, says:>

C: ['d'n: '] " domino ".

<Slightly later, after M had said " domino " , she said two times:>

C: [d'n:i] .

^1;6(13) 1-27-72

<C plays with a stuffed dog, she says:>

C: [dadi] " doggie ".

^1;6(13) 1-27-72

<C in the tub. Requests the washrag with:>

C: [PH'] .

<Presumably from "...shrag " .>

^1;6(13) 1-27-72

<C has asked for the bottle, begins to whimper when she sees M fixing something else, says:>

C: [ba . ba . 3'ba 2ti 1ti] " bottle . bottle . bottle Christy " .

^1;6(13) 1-27-72

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

C: all gone .

^1;6(13) 1-27-72

<C on the changing table, M finishes dressing her, says something like " now you're done ". C says:>

C: [ha da] <or> [ha dA] " all done " .

<Has not been used for a month or two.>

^1;6(13) 1-27-72

<M brushing her hair. C holds out her hand, says:>

C: [ba] " brush " .

<She's happy when M gives it to her. First spontaneous use. Repeated several times.>

^1;6(14) 1-28-72

<Comprehension. C and F play a " slapping " game. After C has slapped several times, F gives instructions:>

F: " Slap daddy ". <She does.>

F: " Slap Christy ". <She does.>

F: " Slap the bottle ". <She does.>

F: " Slap yourself ". <No response.>

F: " Slap you " .

<C slaps her leg, stomach, back. Then leaning toward M, she says:>

C: mommy .

M: " Slap mommy's shoulder ". <She does.>

F: " Slap me " <She does.>

M: " Slap me ". <She does.>

F: " Slap you ". <She does.>

< " Yourself " tried a couple of times, but no evidence of comprehension, which she shows clearly for " you " and " me ".>

% REFL

^1;6(14) 1-28-72

M: " Do you want to sit in C's chair? "

C: no .

M: " Do you want to sit in mommy's chair? "

C: no . [j'] " lap ".

<Wants to sit in M's lap.>

^1;6(14) 1-28-72

<C playing with a flashlight. M says " mommy's chin ", to direct the light. C says:>

C: [fi] " feet ".

<Evidently remembering she and daddy shone it on their feet last night.>

^1;6(14) 1-28-72

<C effortlessly stacks a tower of 5 blocks, then knocks it down.

Later she does 7 blocks including a domino. She rarely builds towers, but is evidently now quite able to.>

^1;6(14) 1-28-72

<M wrenches C away from Dot's piano. She cries bitterly for some time, saying both:>

C: [d' d'] .

<(C's words for music and dancing) and:>

C: [bai]? " play ?".

<M had modelled " play the piano " several times during this.>

^1;6(14) 1-28-72

<Negation: C opens a series of drawers in her room. As she sees each one is empty, she says:>

C: no .

<Then she shuts them. " Non-existence ".>

^1;6(14) 1-28-72

<C on M's lap at the table. She says several times:>

C: [si:] " sip ".

<M thought she was saying " see " and did not respond at first.

C only satisfied when M offers her the glass. First spontaneous use.>

^1;6(14) 1-28-72

C: aha !

1. C watches G stuff pencils into his briefcase, says " aha! ".

2. C sees F take chocolate cake out of refrigerator and set it on the counter says " aha! ".

^1;6(14) 1-28-72

<C puts domino in a bottle, she closes the lid, saying:>

C: bye .

^1;6(14) 1-28-72

C: hi .

<"Hi" often used these days when C has just done something slightly bad.>

^1;6(14) 1-28-72

<C has blanket covering one hand which she holds up saying:>

C: hi .

^1;6(14) 1-28-72

C: <Comprehension:> buttocks

<C on F's back. M says " where's F's buttocks? " C pushes his shirt up and tries to pull down his pants in the back.>

^1;6(14) 1-28-72

<C points to abstract ink blot type design on Karen's vase, says:>

C: [m'] " man " .

<Or, conceivably " mask " . When M holds her up she touches a chipped place in the design, C says:>

C: eye .

<When M says " where's his nose? " , she points to a sticking-out part of the design. Very abstract idea, but plausible.>

^1;6(14) 1-28-72

<M asks " where's the dolly's buttocks? " C shows it, then touches her own, saying:>

C: [didi] " Christy " .

^1;6(14) 1-28-72

<After KU whistle blows, C says:>

C: [fi:] " whistle " .

^1;6(14) 1-28-72

<C finds M's wristwatch on wrist, says:>

C: [PHwa] " watch " .

<First use.>

^1;6(14) 1-28-72

<C sees Dot's vacuum cleaner through crack in the closet door, says:>

C: [PHa] " vacuum " .

^1;6(14) 1-28-72

C: [w'] " wagon " .

<C comes to M saying [w'] several times. M misunderstands as " wet " .

C finally leads M to C's wagon, which she wants brought out of the bedroom.

First use.>

^1;6(14) 1-28-72

<As M puts C's coat on her, she says:>

C: [gau . didi] " coat . Christy ".

^1;6(15) 1-29-72

<C sneezes, then says:>

C: [t.iu] " choo ".

<Has imitated this before when M says it.>

^1;6(15) 1-29-72

<C stayed with an (unknown to her) babysitter tonight, Susan Call, who is 16. She hasn't had a stranger sit for her for months. She did not cry at all when we left, and went to bed readily without crying. Although she woke up when we came home.>

^1;6(15) 1-29-72

<M and C sit and rock in rocking chair. C then goes into the next room.

M gets up but C comes back, says:>

C: [si . wa] " sit . rock ".

<Wanting M to sit down again.>

^1;6(15) 1-29-72

<C has heard a car honk, imitated M saying " honk " several times.

Then she says:>

C: ['haga . ka] " honk . car ".

^1;6(15) 1-29-72

<M puts toast in toaster. C stands below the counter and says:>

C: [si:] " see ".

<Waits for M to lift her up.>

^1;6(15) 1-29-72

<C hears tape recording of herself whining, she comes in saying:>

C: [bai] " cry ".

<?-- " cry " has been [wai] on two past occasions.>

^1;6(15) 1-29-72

C: aha !

1. As C comes to daddy, who has just brought in an armload of mail.
2. After C tears a piece off M's sandwich.
3. M gives C rice container, she sticks her hand in it: aha!
4. As C finds a piece of candy on M's dressing table.

^1;6(15) 1-29-72

<After M puts rice container away, C says:>

C: [bai] " bye ".

<She fairly often says " bye " instead of " bye-bye " .>

^1;6(15) 1-29-72

<Several minutes after M has put yogurt away. C points to refrigerator, says:>

C: [jaui] . bye bye " yogurt . bye-bye ".

^1;6(15) 1-29-72

<C is outdoors on the porch, M is just inside the door. C says:>

C: [PHum] " room " .

<Trying to get M to come out to where she is.>

^1;6(15) 1-29-72

<C says:>

C: [ba] " butter ".

1. As she sticks her finger in the butter on M's toast.
2. As she watches M put the butter away.

<First certain spontaneous use.>

^1;(15) 1-29-72

<C gets M to put her pants on her tiny dog, then she notices that the empty pants legs, says, holding the cuffs up:>

C: [PHi:] " feet ".

<M says " where are C's feet? " C holds out both her feet.>

^1;6(15) 1-29-72

<M pushes one of C's sleeves up. C holds out the other arm, saying:>

C: [si] " sleeve ".

<First spontaneous use.>

^1;6(15) 1-29-72

<C playing with a yoyo. Tries to hook the string out with her finger, saying:>

C: [ti] " string ".

^1;6(15) 1-29-72

<C sees F's coat. She runs toward it saying:

C: daddy -- coat .

<M says " that's daddy's coat ". C says, with perfect imitated intonation:>

C: ['d'di gau] .

^1;6(15) 1-29-72

<C reaches into a box to pick out her hat, saying:>

C: [2'h' 1di 1'di 1'di1di] " hat Christy ".

<[didi] " Christy " , is often preceded by one or more non-stressed [di]'s.>

^1;6(15) 1-29-72

<C and M have come home recently. C on the horse, looking at F. Says:>

C: [gau . 3'gau dai1] " coat . coat tie ".

<F is wearing both.>

^1;6(15) 1-29-72

<C takes M's mitten to F, saying:>

C: [h'mami . mi:] " mommy . mitten ".

^1;6(15) 1-29-72

C: ball daddy .

<C finds ball in the living-room, she says BALL and DADDY, each several times in alternation. Perhaps remembering that it's daddy mainly who plays kicking the ball with her.>

^1;6(15) 1-29-72

<C has heard airplane, said several times:>

C: [hibi] " airplane ".

<Then said:>

C: [hibi . kai] " airplane . sky ".

<F might possibly have referred to sky in preceding few statements.>

^1;6(15) 1-29-72

<After one airplane has been heard and discussed, the sound of another is heard. C says several times:>

C: [hi] .

<Possibly " hear ". Not imitated. First use.>

^1;6(15) 1-29-72

<C sitting in the sink. Picks up a toothbrush, says:>

C: [ba] " brush ".

<First spontaneous use.>

^1;6(16) 1-30-72

<C asking repeatedly for:>

C: [jaui] " yogurt ".

<M asks " do you want lunch? ". C says:>

C: [nou, ma 'jaui] " no , XX yogurt ".

^1;6(16) 1-30-72

<C playing in tub. M says " put the magnet in the cup ".

No extraling. cues. C does so.>

C: in <Comprehension.>

^1;6(16) 1-30-72

<C holds small candle up to nose, snuffles, saying:>

C: [mi] " smell ".

<Slightly earlier M told her not to eat it, just smell it.

Delayed imitation.>

^1;6(16) 1-30-72

<C touches M's pants, says (two times):>

C: [b'n:'] " pants ".

^1;6(16) 1-30-72

<C putting her doll lying down in a boat in the tub, saying two times:>

C: [nai nai] " night-night ". <Then as she gets the doll positioned, says:>

C: [si] " sleep ".

^1;6(16) 1-30-72

<C watches two elephants which are pacing around a cage. She says:>

C: [wa] " walk ".

^1;6(16) 1-30-72

<C notices M's paper and pen. She starts to pick up the pen, says:>

C: [wai...didi] " write ... Christy ".

<Then scrawls on paper, saying:>

C: [2wai1. 3'didi1. 2wai1. 3'didi1] .

^1;6(16) 1-30-72

<C, M and F going to leave house. C goes to F's study door, says two or three times:>

C: [kama] , [gama] " come ".

<First spontaneous use; imitated once several days ago. Five minutes later he is in the bathroom, she stands outside the door and repeats:>

C: [ga:ma] .

^1;6(16) 1-30-72

C: aha !

1. As C discovers and peers into a box in F's study.
2. As C discovers a cream pitcher in a restaurant and tries to open it.
3. As C discovers an ashtray in a restaurant.

^1;6(16) 1-30-72

<C looks in the refrigerator, sees a packet of ham slices and says:>

C: [h'] " ham ".

^1;6(16) 1-30-72

<C, M and F visiting Auntie Jeannette. C sees tiny yarn and foil "doll" decoration with styrofoam head, and pompom limbs, she says:>

C: [dai] " dolly ".

^1;6(16) 1-30-72

<C picks up straw, says several times:>

C: [ba] " straw ".

<First spontaneous use.>

^1;6(16) 1-30-72

<C saw fish swimming in an aquarium, said:>

C: [bu] " bird ".

<As she did on seeing fish several weeks ago.>

^1;6(16) 1-30-72

<C saw blueberries sprinkled on M's pancakes, said:>

C: [bi] " bead ".

^1;6(16) 1-30-72

<M set out food for C. C resisted when M started to get highchair, said repeatedly:>

C: [ti] " chair " .

<She then went to push her own little chair into the kitchen.>

^1;6(16) 1-30-72

<C sees a little boy holding binoculars at the zoo, says:>

C: [jai] " light ".

<It must remind her of the flashlight which she has been playing with lately at home.>

^1;6(16) 1-30-72

<At the zoo, C saw a big dark emu lying in the corner of a cage, oval shaped without its head showing, said:>

C: [dani] .

<And other words for " domino " .>

^1;6(16) 1-30-72

<C finds one of M's funny slippers, says as she brings it to M:>

C: [si:] " slipper (s) ".

<First observed use, either imitated or spontaneous.>

^1;6(16) 1-30-72

<C puts magnets in the tub. M says " do the magnets want to take a bath?" C says:>

C: [3'm' 1b'] " magnet(s) bath ".

^1;6(16) 1-30-72

<C picks up puzzle piece shaped like raincoat, says:>

C: [m'] " man ".

<M says "...man's coat ". C says:>

C: [m'] <and:> [gau] " coat " .

<In alternation three or four times.>

^1;6(16) 1-30-72

<C sees her dominoes in her wagon, says:>

C: [dani . w'] " domino (es) . wagon ".

<She put them there yesterday.>

^1;6(16) 1-30-72

<C has her coat on, she is anxious to leave the house. She fumbles with her zipper, trying to work it, saying:>

C: [si] " zip " <or> " zipper ".

<I have modelled this much yesterday and the day before for imitation, but until now, no response. No model today.>

^1;6(16) 1-30-72

<C picks up F's brush from the counter, says:>

C: [ba] " brush ".

^1;6(16) 1-30-72

<C touches the floor and says:>

C: [PHu] " floor "

^1;6(16) 1-30-72

<C watches M brush her teeth and demands a toothbrush also with:>

C: [ba] " brush "

END OF CHR05 (FIFTH CHRISTY FILE)