RECORDED BY MICHAEL SIEGEL FOLKWAYS RECORDS FX 6143

acetylene torch, cutting apart an automobile engine loading pick-up truck by hand with 400 lb. bales of aluminum scrap. Hear them slide along the truck, removing two bales at a time from truck with fork-lift, inside warehouse.

loading empty fiber drums on pick-up truck. (Only 15 lbs, each, but noisier than above because of metal rims and resonance,) aluminum clips being dumped from dump truck, paper baler, hand truck brings in cartons tossing cartons into baler breaking down large empty cartons sound of baler starting, upstairs.

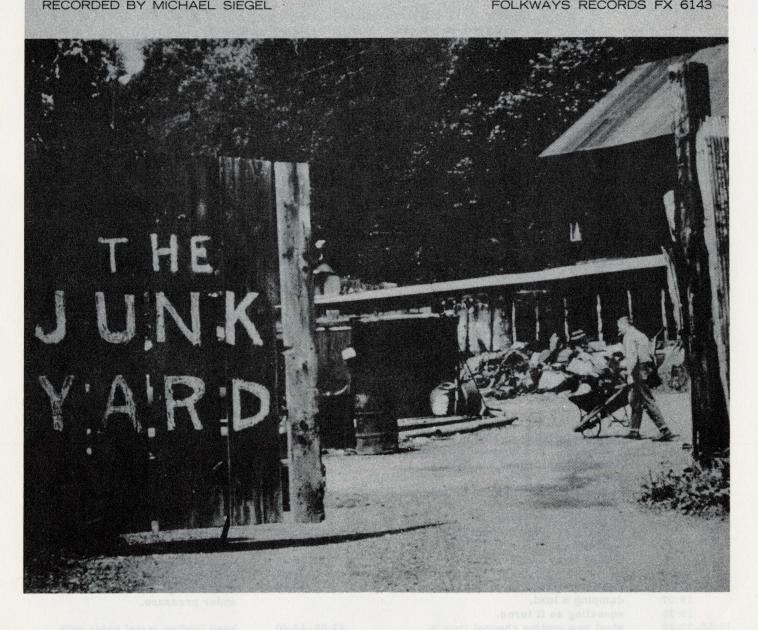
Note crunch of cartons crushing, note creak of cartons after baler pressure stops bringing up baler to load in more baler again, now downstairs at motor opening doors, front and back putting stop on door sliding wires through, to tie bale together taking up baler press dumping out 1700 lb. bale onto hand truck magnetic crane dumping a load squealing as it turns steels saw cutting channel iron in two pieces alligator shear acetylene torch cuts through wires holding metal sheets together one of the wires pops shear starts. Clicks are cuts, crashes tossing cut sheets into piles of cut scrap starts cutting heavy pipe. heavier pipe heavy channel iron burning out an old car windows crack out metal cracking fresh draft sizzles baling aluminum chips in metal baler metal drums of chips dropped onto metal stand next to baler. (This continues all through this.) first of many hisses as chips are poured into baler baler started. Drums, baler and hisses repeat. whistle as baler is completed baling bale ejected dump truck unloading sheet metal scrap into baler poured into baler poured into baler poured into baler poured into baler pick up more sheets start sheets drop into baler pick up more sheets start baling. Note metal squeals under pressure. hand loading metal baler with automobile doors, fenders, steel drums, etc., and baling.

RECORDED FOLKWAYS W RECORDS MICHAE TX S

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6143

THE SOUNDS OF THE JUNK YARD



THE SOUNDS OF THE JUNK YARD

by Michael Siegel

There are many strange sounds in junk yards, depending on the specialization of the yard, the equipment, and the uses to which the equipment may be put. Here, then, (with the time in minutes and seconds) are some of the "Sounds of the Junk Yard":

0 - 1:16	acetylene torch, cutting apart an	20:49	acetylene torch cuts through wires holding metal sheets together.
	automobile engine.	22:05	one of the wires pops.
		22:30	shear starts. Clinks are cuts,
1:25-3:20	loading pick-up truck by hand with	22.50	crashes tossing cut sheets into
	400 lb. bales of aluminum scrap.		piles of cut scrap.
	Hear them slide along the truck.	95.01	
		25:01	starts cutting heavy pipe.
3:32-5:58	removing two bales at a time from	25:35	heavier pipe.
	truck with fork-lift, inside warehouse.	26:20	heavy channel iron.
6:05-6:55	loading empty fiber drums on a pick-	26:52-30:46	burning out an old car.
	up truck. (Only 15 lbs. each, but	26:55	windows crack out.
	noisier than above because of metal	27:30	metal crackling.
	rims and resonance.)	27:54	fresh draft.
	Time and Tesonaneer,	29:25	sizzles.
7:02-8:43	aluminum clips being dumped from		
1:02-0:43	dump truck.	30:53-37:05	baling aluminum chips in metal
	dump truck.		baler.
0.50.10.00		31:15	metal drums of chips dropped onto
8:50-18:26	paper baler.	01.10	metal stand next to baler.
			(This continues all through this.)
8:50	hand truck brings in cartons.	31:50	first of many hisses as clips are
9:10	tossing cartons into baler	31:30	poured into baler.
9:35	breaking down large empty cartons	32:50	baler started. Drums, baler and
11:15	sound of baler starting, upstairs.	32:30	
	Note: crunch of cartons crushing.	00.50	hisses repeat.
12:11	note creak of cartons after baler	36:50	whistle as baler is completed
	pressure stops.		baling.
		37:00	bale ejected.
13:23	bringing up baler to load in more.	37:12-39:05	dump truck unloading sheet metal
13:43	baler again, now downstairs at motor.		scrap.
14:58	opening doors, front and back.	37:12	lifting up dump carriage.
15:20	putting stop on door.	37:50	move truck to start sheets
15:55	sliding wires through, to tie bale		sliding out.
10.00	together.	38:40	removing what is left by hand.
16:54	taking up baler press.		
17:52	dumping out 1700 lb. bale onto	39:12-41:56	magnetic crane loading baler
11.52	hand truck.		with metal sheets
18:05	rolling away hand truck.	39:25	drop into baler.
10:03	rolling away hand truck.	39:35	pick up more sheets.
10.24 10.51	magnatic anone	40:52	start baling. Note metal squeals
18:34-19:51	magnetic crane.	10.02	under pressure.
19:07	dumping a load.		under pressure.
19:35			
	squealing as it turns.	49.0E 44.40	hand landing motal halan with
19:58-20:40	steel saw cutting channel iron in	42:05-44:40	hand loading metal baler with
19:58-20:40 20:49-26:43		42:05-44:40	hand loading metal baler with automobile doors, fenders, steel drums, etc., and baling.

THE SOUNDS OF THE JUNK YARD

Some junk yard equipment is common to all of them, some is more specialized. The oxygen-acetylene torch, for example, is found in almost all yards, and is used to separate welds or cut apart all kinds of metals from hot water boilers to railroad cars. The paper baler squeezes down papers, rags or cartons, under great pressure, from thicknesses of ten feet down to five. This is done in just one dimension, three by six by ten foot bales ending up three by six by five, and running up to 1,700 pounds each. The metal baler squeezes down metals in all directions, with automobile doors, fenders, hoods, drums, boilers, ending up in compact two by one and a half foot 400 to 900 pound bales. The alligator shear, a combination of hard steel blade and oversize gears, slices up sheet metal scrap, auto bumpers, and channel iron, for instance, into sizes that can be fed directly into foundry furnaces. The steel saw, on the other hand, is a high-speed, sandpaper-like, hard abrasive circular blade that cuts cleanly through pipe and channel iron.

I to Line

All these sounds were recorded in yards in Warren, Pennsylvania.

SCIENCE ON FOLKWAYS RECORDS

FX6007 THE SCIENCE OF SOUND; Demonstrations of accountic phenomena with an explanatory narration written by scientists and engineers of Bell Telephone Laboratories, How We Hear, Frequency, Pitch, Vibration and Resonance, Intensity, Loudness, Noise Measurement, Masking, Echo and Reverberation, Delay Distortion, Fundamentals and Overtones, Quality, Subjective Tones, Music or Noise, Filtered Music and Speech, Dissonance and Consonance, Music Scales, Vibrato and Tremolo,

FX6101 SCIENCE IN OUR LIVES; Narrated by Ritchie Galder, from the Signet Key Book. Includes Science began, Science terms, Edison effect, Atoms, Agriculture, Food from the desert, Food from the jungle, Millions of men without teaspoons, Rip Van Winkle comes to town.

FX6104 SOUNDS of SELF-HYPNOSIS THROUGH RELAX-ATION; an unusual self-help self-improvement documen tary recording with Mrs. Lee R. Steiner, Certified Psy-chologist. \$5.95

FX6105 THE SOUNDS of CAMP; the picture of a children's camp painted in the voices and sounds of its children, Recorded at Camp Killoolett, Hancock, Vermont, 1958 by Ed Badeaux, Including Riding, Shop, Swimming, Jingle, Before lunch music, Filing into tables, Eating, Happy Birthday, Jacks, Dance Class, Baseball, Theatre Backstage, Front porch before hicks leave, Hike reports, Girls after a dance, Riflery, Last campfire. \$5.95

FX6106 HANDWRITING ANALYSIS; By Dorothy Sara. In troduction, Direction, Pressure, Size and dimensions, Unknown Qualities, Letters, Style, Dot On I, Crossing Letter T, Loops, Occupations, Signatures, Hooks and Knots, Doodles and Scribbles, Conclusion.

Text,
FX6115 THE SCIENCE OF THE BIRD'S WORLD of SONG;
a fascinating documentary study of bird songs and sounds,
recorded in Maryland. Birds incl. were, spring peeper,
white-throated sparrow, jay, kinglisher, osprey,
cardinal, goldfinch, meadowlark, robin, whippoorwil,
many others. Notes incl. musical transcriptions.
corded and edited by Hudson and Sandra Ansley. \$5.95

Corded and edited by Hudson and Sandra Ansley. \$5,95

FX6120 SOUNDS OF A TROPICAL RAIN FOREST IN

AMERICA; As a dramatic presentation, and because enough sounds were available it was decided that the approach would be, for every hour of the day from one to
two minutes of sound would be used on the record. Thus
in sixteen minutes of play an idealized condition was
possible in depicting a dawn to dusk period. Includes,
THE DRY SEASON, Cricket and Dove, Violaceous Jay,
Black Howler Monkeys, Parrott, Swainson Toucan,
as, Great Ruits Motmot, Cicada, Spotted Chachalaca, Great Tinamou, Wattled Guan, Red Wattled Curassow, Toucan and Jay, Monkey Chatter, Toucan Barbetes, Flock of Parrots, Waglers' Toucan, Macaw talk,
With Crickets, Cricket Guans in Thunderstorm, Chestmit Headed Tinamou and Crickets, Cricket and
Keet, Crickets and Mourning Guart Toad (Buto Marinus),
Peepers, Flore of Sequence with Crickets, And Toads,
Three Wattled Bell Bird, Black Howler Monkeys, Tree
Fall With Screaming, Monkeys, Parrots and Macaw,
Tree Toad, and Big Toad.

Tree Toad, and Big Toad.

\$5.95

FX6121 SOUNDS OF THE SEA: Actual SOUNDS of fish
species recorded in isolated tanks and at varying depths
- from 5 feet in sheltered reas of 2,000 fathoms 200
miles of the state of the state of the Atlantic and Pacific
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For Surf sounds, Gulls, etc. see 6161.

FOR OMPI SOURDS, GAILS, etc., see 6161.

FX6122 SOUNDS OF THE AMERICAN SOUTHWEST; recorded in Arizona near Tucson, Cave Creek, Chiricalmo Mountains and Rustlers Park. In New Mexico, San Simeon Valley and in California, Mandevilla Canyon, Santa Monica Mountains and Lake Fulmar, by Dr. Charles M. Bogert, Chairman and Curator of the Deparament of ARIST, and the Company of the Compa

FX5123 VOX HUMANA; recorded in England. Alfred Wolf-sohn's experiments in extension of human vocal range with an Introduction by Dr. Henry Cowell, Includes Female voice in a range of seven octaves, Female duet in vocal sound range, Boy's voice in seven octaves, Four and five octave leaps, Double and multiple stopped voice, New registers, "String Quarte" for four female voice in nw Voice versus instrument.

55.95

voices, and voice versus instrument. \$5.95

FX6124 SOUNDS OF ANIMALS; audible communication of 200 and farm animals. These various recorded sounds suggest that just as man has his own special language, so animals have their own special means of vocal communication which help them to solve their own living problems. Includes, 200: Puma, Lion, Indian Elephant, Rhea, Hippopotamus, Chimpanzee, Peccary, Rhesus, Monkeys, Rhinoceros, Tiger, recorded by Arthum M. Greenhall. FARM: Chicks, Goat, Sheep, recorded by Nicholas Collass. \$5.95

FX6125 SOUNDS OF SEA ANIMALS Vol. II Florida; This record contains representative or typical underwater sounds produced by several species of fishes and by the sea cow or manatee. RECORDED BY W. N. RELLOGO CCEANOGRAPHIC INSTITUTE, FLORIDA SLA THE SEA CONTROLOGICAL PROPERTY OF THE SEA CONTROLOGICAL PROPERTY OF THE PARTOLISH, Sea caffish, Single caffish, White grunt, Drumish, Cowfish, Manatee, One porpoise, Four porpoises, School of porpoises, "School" at 1/2, 1/8, 1/32, and 1/64 speed.

FX6126 SOUNDS OF CARNIVAL; The Midway and Merry-Go-Round Music. Recorded at the Royal American Shows by students of the Chicago Institute of Design. This record is for young and oild of the Chicago Institute of Design. This record is for young and oild of an American scene. The counties most left of a American scene. The Countied the fun house, Animal barker, Ferris Wheel, Motordrome barker, Roll-O-Plane, Strange people barker, Laughing clown, Interviews, and the famous repertoire of merry-go-round music, including Calliope; Over the Waves, Ta-ra-ra-boom-der-e and others, \$5,95

PX6127 SOUNDS OF MEDICINE: recorded on location,
Contains Operation: Supervised surgical operation on a
small boy with a cyst in his neck, Stebascope Sounds;
Heart murmurs and lung sounds - A woman with Rheumatic Heart Disease, Normal heart and lung sounds,
Heart murmurs and lung sounds - A woman with Valve
Disease of the heart before surgical operation, Breath
sounds, Sounds of the bowels - A normal hungry man
smoking a cigarette before dinner, Heart sounds,
A man with inflammation of the heart due to active Ries

\$5.95

FX6128 MUSIC OF THE CAROUSEL; 14 examples of authentic merry-go-round music incl. Darktown Strutters Ball, Billboard, Kiss Me Again, Sidewalks of New York, Turkey in the Straw, Our Director, The March of the Bulgarians, School bays, In The Shade of the Old Apple Tree, others.

incnes tape, and 10 incnes tape.

FX6136 THE SCIENCE OF SOUND; (Short versions of FX 6007) This record describes and demonstrates various phenomena of sound as an aid to understanding how down the sput to work for the benefit and pleasure. However, the proper size of the state of the state

FX6140 SOUNDS OF THE ANNUAL INTERNATIONAL
SPORTS CAR RACES OF WATKINS GLEN N. Y.; The
Schuyler, Carrera, Glen Trophy and Grand Prix. Re-

corded on location by Henry Mandler and Robert Strome. Includes: lining up, practice, winner O'Shea in the victory lap, technical inspection, cars in the races: Maserat, Jaguar, Austin MG's, Porsches, Mercedes, With ill, notes.

FX6141 THE INTERNATIONAL MORSE CODE. A teaching record using the Audio-Vis-Tac Method developed and narrated by Philip S. Gross, Ph.D. Introduction to learning the Code, Using the Sound Symbol, Numbers and the Alphabet, Learning the Numbers, Dictation Lesson #2. With text and Morse Code chart. -\$5.95

FX6151 SOUNDS OF ASOU[®]H AFRICAN HOMESTEAD; Recorded in the Land of the Zulus by Dr. Raymond B. Cowles Contains DAWN CHORUS: Doves, Thrush, Cuckoo, Weaver. BUSH BIRDS: Hornbills, Doves, Barbet, Shrikes, Monkey, Warblers, Cicadas, Croles, Bulbul, Robbin. Starline. Bis. Trocon. Drongo. LATE AFTERNOON UNTIL DARK; Partridge, Drongo, Bulbul, Cricket, Amphibian chorus, Toads, Frogs. ZULU MUSIC: with guitars, jew's harp, fighting sticks, gourd-and-bow, horns, in songs, wedding chants, beer-drink, praises, dances, Accompanying notes and illustrations. \$5.95

FX6152 SOUNDS OF STEAM LOCOMOTIVES No. 1; Stack Music Sampler; The U.P., C.B. & Q., I.C., C.N.W., D.R. G.W., etc. 2-8-2, 4-8-4, 4-12-2, 4-6-0, 4-6-6-4, 4-8-8-4, 4-8-2, 2-10-2 and switchers 0-6-0, 2-8-0, narrow gauge 2-8-2. These recordings were made by Vinton Wight who wrote the accompanying notes. §5.95

FX6153 SOUNDS OF STEAM LOCOMOTIVES No. 2; Stack music sampler edited and recorded by Vinion Wight, Includes: No. 510 switching, No. 4958 Leaving Yards, No. 5116 Climbing to Elevator, No. 5112 Struggling spotting Cars, No. 4958 Returning to Yards with Empties, No. 5344 Simmering on Ready Track, No. 5351 Up to Crossing and Back, No. 5504 Leaving Yards with Trail, No. 5355 Passing, No. 5505 Switching at Ashado, No. 5504 Switching at Ashado, No. 5505 No. 5505 Switching at Ashado, No. 5505 Palsing, No. 5355 Palling into Yards, No. 5504 Light to Roundhouse, No. 5351 from RH Simmering and Switching, \$5,95

FX6154 SOUNDS OF STEAM LOCOMOTIVES No. 3: Colorado narrow gauge stack music, "A ride on the train to yesteroay." "Three Little Engines and 35 Cars." Recorded and with notes by Vinton Wight. Notes. \$5.95

FX6155 SOUNDS OF THE NEW YORK CENTRAL STEAM LOCOMOTIVES; recorded at Vermillion, Ohio by H.S. Ludlow, Includes Introduction by H.S. Ludlow, Hudson No. 5345; Mohawk No. 3005 - Train 35; Hudson No. 5436 - 20th Cent; Hudson No. 520 Local; Hudson No. 5445 - Comm.; Vanderbuilt, Niagra Niagra No. 6019 - The Prairie State No. 203; Pactific Tyor No. 4897 - Train 9; Mohawk and Hudsons with Local Trains, No. 2200 - 20th Cent.; Hudson No. 5235 and other train sounds. In front of the Vermilion Depot; Morse Telegraph; Hudson No. 5345 - Train 89 going 80 MPHR., Unidentified New York Central Train Sounds.

FX6160 SOUNDS OF NEW MUSIC; This album represents new means of musical expression. The compositions; ionization: Varese; Acolian Harp: Cowell; Banshee: Cowell; Sonic Contours: Usachevsky; Fantasy in Space: Luening; Spectrum #1: El-Dabh; The Experiments: Ussachevsky; Transposition Reverberation Composition; Marin: Natural Pipes (base for Music Concrete); Jacobs, Tape Loops, Rhythms, Sonata for Loudspeaker. \$5.95

FX6161 HERE AT THE WATERS' EDGE A VOYAGE IN SOUND; By Lee Hurwitz in collaboration with Charles Fratt. From the film. Ocean Into Inaland Waters, City Edge: The Coves of Manhattan Island, The Surrounding Shores, Rideout to Sea. Sounds Heard:- text incl.

Ocean Gantries Shipyard Children Ship horns Work voices
Tugs at work
Bays and inlets
Gulls and birds
Water lapping a and slapping \$5.95

FX8166 SOUNDS OF NORTH AMERICAN FROGS: The Biological Significance Of Voice in Frogs. Narrated by Charles M. Bogert with documentary examples. With the cooperation by the Museum Of Natural History N.Y. Introduction to Mating calls. Mating calls as Isolation Mechanisms. Taxonomic Levels and Voice Differences. Sounds Produced Under Special Conditions, Pitch in Relation To Body Size. Diversity in Mating Calls. Sample Choruses. Detailed descriptive notes and illustrations of the 95 species.

FX6170 SOUND EFFECTS Vol. 1; Documentary recording by Tony Schwartz. Includes: street traffic (clear day, during snow. during thunderstorm), street drilling, coal delivery, cocktail party, luncheonette counter, factory or office lunchroom, all men's bar at lunchlime, press crowds, office building lobby, restaurant at suppertime, orchestra at dinnertime in restaurant, evening coffee shop. \$5.95

Stop. \$5,95

FX6178 SOUNDS OF INSECTS: recorded by Alboo T. Gaul, an entomologist who worked for a number of years with the U.S. Department of Agriculture. He is a past president of the N.Y. Entomological Society, and has been conducting research on insect sounds for the past several years. Includes, Suburban Sounds (Crickets and High Years. Includes, Suburban Sounds (Crickets and High Years. Hight Wing-beat vs. load; fight-light experiment; in a hornet nest). Flying Insects (Mosquitoes; bumble bee; May beetle; Japanese beetle; warble-fly; flowerfly; European hornet), Cicada Warm-up and Flight (Tent caterpillar moth; underwing moth, large long-boralse katydid; cicada song, cicada and plane; evening insects), Katydids, Longborn Beetle Walking, Small Longborn fly in Flight, Harpalus Beetle Walking, Small Longborn fly in Flight, Harpalus Beetle Walking, Grape-Leaf Beetle Walking, Dragonfly in Flight, Mud-Dauber Wasp Flight, Crabre Argus (Wasp) in Nest, Hover Fly, Deerfly (Chrysops vittans), Japanese Beetles On A Rose, Drone Fly (Eristalis), Bumblebee (Two toned flight), Cicada Song, Spida (Salticus sp.) Walking, \$5,95

FX6181 DOCUMENTARY SOUNDS, Vol. 1; prepared by Cue Recordings Studio, Mel Kaiser, Engineer; Human Sounds: Street Noises, General Crowd and Audience, Applause, New Year's Eve, Baby Sounds. BELLS: School Bell, Sleigh Bells, Alarm Clock, etc. CARS AND TRUCKS: CONSTRUCTION: Sawing, Hammering, Demolition, Heavy Construction, etc. AIRCRAFT: Jet Engines, Pilot Briefing, etc. \$5.95

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FX6200 VOICES OF THE SATELLITES; Sputniks and Explorers. Recorded and notes by T.A. Benham. Includes Introduction/Sputnik - / Doppler effect; information derived from it, Description of Sputniks = 1 and = 2; Laika's heart, Sputnik = 1 alone, Sputnik = 1 showing Doppler effect, Sputnik = 3, Laika's heart, Explorer = 1 metering signals, "Explorer = 2 goes description of the proper of the proper of the proper specific specifi

FX6250 SOUNDS OF SCIENCE FICTION; Conceived and re-corded by Mel Kaiser, Cue Recordings, Sound of Ap-proach of Missile or Creature, Launching Site, Elevator descending. Elevator, Space Ship Hatch, Rocket Blast-Off, Exterior of Space Ship in Motion, Electronic siren, Beeper, Cosmic Bombardment Indicator, etc. \$5.95

FX6271 LEARNING TO TALK; A study of Sound of Infant Speech Development, recorded by Margaret Greene F.C.S.T. Introduction, Rate of Development, "Sympathetic Communication," Between Mother and Child, Crying: Change in Baby's Vocalization Between 3 and 4 Months, "Comfort Sounds", Appearance of Syllables, Vocal Play, First Words, Beginning to Talk, Understanding the "Code", Mispronounced words and "wrong "Words", "What Strategy and Sympathetic and Words, "What Strategy and Sympathetic Sympathetic

FX6281 UNDERSTANDING OF SEX, Vol. 1; Sex Principles
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Coffee break, Dictation and transcription, letter opening,
heat copyer, stapling, old electric typewriter, adding
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etc. -\$5.95

FX6143 THE SOUNDS OF THE JUNK YARD. Incl. acetylene torch, loading pick-up truck by hand, paper baler, alligator shear, burning out an old car, dump truck unloading sheet metal scrap, etc.