(a) Scene related smells		(a) Scene related smells (cont.)	
Smell	Class Label	Smell (cont.)	Class Label (cont.)
beer	beer garden	seaside	beach
beer	beer hall	seaside	beach house
bread	bakery/shop	seaside	cliff
cake	delicatessen	seaside	coast
candy cane	candy store	seaside	islet
cedarwood	forest/broadleaf	seaside	lagoon
cedarwood	forest path	seaside	pier
cedarwood	forest road	seaside	wave
coffee	coffee shop	sauna	sweat
dirt	desert/sand	village	corral
dirt	desert/vegetation	village	barn
dirt	desert road	village	barn door
dirt	archaeological excavation	village	farm
dusty	attic	village	stable
dusty	basement	village	village
fruit market	orchard	waterfall	waterfall
garbage	junkyard		
garbage	landfill		
garbage	slum		
garden	botanical garden		
garden	florist shop/indoor		
garden	formal garden		
garden	Japanese garden		
garden	park		
garden	roof garden		
garden	topiary garden		
garden	vegetable garden		
garden	zen garden		
gas	gas station		
grass	lawn		
grass	yard		
hay	hayfield		
incense	church/indoor		
meat	butchers shop		
mossy	marsh		
mossy	swamp		
motor oil	auto factory		
motor oil	engine room		
motor oil	repair shop		
mountain lake	lake/natural		
mountain lake	pond		
ocean	aquarium		
ocean	underwater/ocean deep		
pizza	pizzeria		
bamboo forest	bamboo forest		
rainforest	rainforest		

(b) Action related smells	
Smell	Class Label
absinthe	drinking shots
apple	cutting apple
apple	peeling apples
BBQ sauce	barbecuing
beer	pouring beer
beer	tasting beer
bread	breading or breadcrumbing
burger	eating burger
burning wood	cooking on a campfire
cake	eating cake
cake	making a cake
candy	roasting marshmallows
carrots	eating carrots
cheese	making cheese
chips	eating chips
Christmas cinnamon	decorating the Christmas tree
coffee	home roasting coffee
cookies	baking cookies
doughnuts	eating doughnuts
dusty	mopping floor
egg	cooking egg
garbage	person collecting garbage
gasoline	pumping gas
grass	moving lawn
hot-dog	eating hot-dog
leather	leather-working
meat (raw)	chopping meat
motor oil	changing oil
orange	cutting orange
pig	roasting pig
pineapple	cutting pineapple
pizza	making pizza
pumpkin	carving pumpkin
salad	chopping vegetables
salad	preparing salad
sausage	cooking sausages
smoke	blowing out candles
smoke	extinguishing fire
smoke	smoking
smoke	smoking pipe
spaghetti	eating spaghetti
watermelon	cutting watermelon
watermelon	watermelon
wine	tasting wine
wood	chiseling wood
wood	chopping wood
wood	sawing wood
wood	using circular saw

(c) All Smell classes	
1	absinthe
2	apple
3	BBQ sauce
4	beer
5	bread
6	burger
7	burning_wood
8	cake
9	candy (marshmallow)
10	carrot
11	forest
12	cheese
13	chips
14	Christmas_cinnamon
15	coffee
16	cooked_pig_meat
17	cookies
18	dirt
19	doughnuts
20	dusty
21	eggs
22	fruit-mix
23	garbage
24	garden
25	gasoline
26	grass (freshly cut)
27	grass with flowers
28	hay (dusty grass)
29	hot-dog
30	incense
31	leather
32	meat (raw)
33	mossy
34	motor oil
35	mountain_lake
36	ocean
37	orange
38	pig
39	pineapple
40	pizza
41	pumpkin
42	bamboo forest
43	rainforest
44	salad
45	sausage
46	seaside
47	smoke (cigarette)
48	spaghetti
49	sweat (or in sauna: citrus)
50	village
51	waterfall
52	watermelon
53	wine
54	wood

Collection of smells and their corresponding classes. Table (a) shows the smell categories that are related to scenes, Table (b) the categories that are related to action, and finally Table (c) shows all the unique smell (collected from (a) and (b)) that our system can recognize