

Appendix A

Verb Classes and Their Members

In this appendix we list the members of the major intransitive verb classes discussed in this book. The lists given are those for the corresponding verb classes in B. Levin 1993. The section number identifying the verb class in Levin 1993 is given in parentheses following the class name. Where the name or composition of a class as used in this book differs from the usage in Levin 1993, we have noted this following the section number.

- (1) *Verbs of emission* (43)
 - a. *Verbs of light emission* (43.1): beam, blaze, blink, burn, flame, flare, flash, flicker, glare, gleam, glimmer, glint, glisten, glitter, glow, incandesce, scintillate, shimmer, shine, sparkle, twinkle
 - b. *Verbs of sound emission* (43.2): babble, bang, beat, beep, bellow, blare, blast, blat, boom, bubble, burble, burr, buzz, chatter, chime, chink, chir, chitter, chug, clack, clang, clank, clap, clash, clatter, click, cling, clink, clomp, clump, clunk, crack, crackle, crash, creak, crepitate, crunch, cry, ding, dong, explode, fizz, fizzle, groan, growl, gurgle, hiss, hoot, howl, hum, jangle, jingle, knell, knock, lilt, moan, murmur, patter, peal, ping, pink, pipe, plink, plonk, plop, plunk, pop, purr, putter, rap, rasp, rattle, ring, roar, roll, rumble, rustle, scream, screech, shriek, shrill, sing, sizzle, snap, splash, splutter, sputter, squawk, squeak, squeal, squelch, strike, swish, swoosh, thrum, thud, thump, thunder, thunk, tick, ting, tinkle, toll, toot, tootle, trill, trumpet, twang, ululate, vroom, wail, wheeze, whine, whirl, whish, whistle, whoosh, whump, zing
 - c. *Verbs of smell emission* (43.3): reek, smell, stink
 - d. *Verbs of substance emission* (43.4): belch, bleed, bubble, dribble, drip, drool, emanate, exude, foam, gush, leak, ooze, pour, puff, radiate, seep, shed, slop, spew, spill, spout, sprout, spurt, squirt, steam, stream, sweat
- (2) *Verbs of inherently directed motion* (51.1): advance, arrive, ascend, ?climb, come, ?cross, depart, descend, enter, escape, exit, fall, flee, go, leave, plunge, recede, return, rise, tumble
- (3) *Verbs of manner of motion* (51.3, Levin's "manner-of-motion verbs")
 - a. *Roll verbs* (51.3.1): bounce, coil, drift, drop, float, glide, move, revolve, roll, rotate, slide, spin, swing, turn, twirl, twist, whirl, wind

- b. *Agentive verbs of manner of motion* (51.3.2, Levin's "run verbs"): amble, backpack, bolt, bounce, bound, bowl, canter, carom, cavort, charge, clamber, climb, clump, coast, crawl, creep, dart, dash, dodder, drift, file, flit, float, fly, frolic, gallop, gambol, glide, goosetep, hasten, hike, hobble, hop, hurry, hurtle, inch, jog, journey, jump, leap, limp, lollop, lope, lumber, lurch, march, meander, mince, mosey, nip, pad, parade, perambulate, plod, prance, promenade, prow, race, ramble, roam, roll, romp, rove, run, rush, sashay, saunter, scamper, scoot, scam, scramble, scud, scurry, scutter, scuttle, shamble, shuffle, sidle, skeddadle, skip, skitter, skulk, sleepwalk, slide, slink, slither, slog, slouch, sneak, somersault, speed, stagger, stomp, stray, streak, stride, stroll, strut, stumble, stump, swagger, sweep, swim, tack, tear, tiptoe, toddle, totter, traipse, tramp, travel, trek, troop, trot, trudge, trundle, vault, waddle, wade, walk, wander, whiz, zigzag, zoom
- (4) *Verbs of existence and appearance*
- a. *Verbs of existence* (47.1, only Levin's "exist verbs" are listed here): coexist, ?correspond, ?depend, dwell, endure, exist, extend, flourish, languish, linger, live, loom, lurk, overspread, persist, predominate, prevail, prosper, remain, reside, shelter, stay, survive, thrive, tower, wait
- b. *Verbs of appearance* (48.1.1, only Levin's "appear verbs" are listed here): appear, arise, awake, awaken, break, burst, come, dawn, derive, develop, emanate, emerge, erupt, evolve, exude, flow, form, grow, gush, issue, materialize, open, plop, result, rise, spill, spread, steal, stem, stream, supervene, surge, wax
- c. *Verbs of occurrence* (48.3): ensue, eventuate, happen, occur, recur, transpire
- (5) *Verbs of spatial configuration* (47.6): balance, bend, bow, crouch, dangle, flop, fly, hang, hover, jut, kneel, lean, lie, loll, loom, lounge, nestle, open, perch, plop, project, protrude, recline, rest, rise, roost, sag, sit, slope, slouch, slump, sprawl, squat, stand, stoop, straddle, swing, tilt, tower
- (6) *Verbs of disappearance* (48.2): die, disappear, expire, lapse, perish, vanish
- (7) *Externally caused verbs of change of state* (45, only relevant subclasses of Levin's "verbs of change of state" are listed)
- a. *Break verbs* (45.1): break, chip, crack, crash, crush, fracture, rip, shatter, smash, snap, splinter, split, tear
- b. *Bend verbs* (45.2): bend, crease, crinkle, crumple, fold, rumple, wrinkle
- c. *Cooking verbs* (45.3): bake, barbecue, blanch, boil, braise, broil, brown, charbroil, charcoal-broil, coddle, cook, crisp, deep-fry, French fry, fry, grill, hardboil, heat, microwave, oven-fry, oven-poach, overcook, pan-broil, pan-fry, parboil, parch, percolate, perk, plank, poach, pot-roast, rissole, roast, sauté, scald, scallop, shirr, simmer, softboil, steam, steam-bake, stew, stir-fry, toast
- d. *Other alternating verbs of change of state* (45.4): abate, advance, age, air, alter, atrophy, awake, balance, blast, blur, burn, burst, capsize, change,

char, chill, clog, close, collapse, collect, compress, condense, contract, corrode, crumble, decompose, decrease, deflate, defrost, degrade, diminish, dissolve, distend, divide, double, drain, ease, enlarge, expand, explode, fade, fill, flood, fray, freeze, frost, fuse, grow, halt, heal, heat, hush, ignite, improve, increase, inflate, kindle, light, loop, mature, melt, multiply, overturn, pop, quadruple, rekindle, reopen, reproduce, rupture, scorch, sear, short, short-circuit, shrink, shrivel, singe, sink, soak, splay, sprout, steep, stretch, submerge, subside, taper, thaw, tilt, tire, topple, triple, unfold, vary, warp

Zero-related to adjective: blunt, clean, clear, cool, crisp, dim, dirty, double, dry, dull, empty, even, firm, level, loose, mellow, muddy, narrow, open, pale, quiet, round, shut, slack, slim, slow, smooth, sober, sour, steady, tame, tense, thin, triple, warm

Change of color: blacken, brown, crimson, gray, green, purple, redden, silver, tan, whiten, yellow

-en verbs: awaken, brighten, broaden, cheapen, coarsen, dampen, darken, deepen, fatten, flatten, freshen, gladden, harden, hasten, heighten, lengthen, lessen, lighten, loosen, moisten, neatens, quicken, quieten, ripen, roughen, sharpen, shorten, sicken, slacken, smarten, soften, steepen, stiffen, straighten, strengthen, sweeten, tauten, thicken, tighten, toughen, waken, weaken, widen, worsen

-ify verbs: acetify, acidify, alkalify, calcify, carbonify, dehumidify, emulsify, fructify, gasify, humidify, intensify, lignify, liquefy, magnify, nitrify, ossify, petrify, purify, putrefy, silicify, solidify, stratify, vitrify

-ize verbs: americanize, caramelize, carbonize, crystallize, decentralize, demagnetize, democratize, depressurize, destabilize, energize, equalize, fossilize, gelatinize, glutenize, harmonize, hybridize, iodize, ionize, magnetize, neutralize, oxidize, polarize, pulverize, regularize, stabilize, unionize, vaporize, volatilize, westernize

-ate verbs: accelerate, agglomerate, ameliorate, attenuate, coagulate, decelerate, deescalate, degenerate, desiccate, deteriorate, detonate, disintegrate, dissipate, evaporate, federate, granulate, incubate, levitate, macerate, operate, proliferate, propagate, ulcerate, vibrate

- (8) *Internally caused verbs of change of state* (45.5, Levin's "verbs of entity-specific change of state"): blister, bloom, blossom, burn, corrode, decay, deteriorate, erode, ferment, flower, germinate, mold, molt, rot, rust, sprout, stagnate, swell, tarnish, wilt, wither

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Appendix B

Verbs Found in the Locative Inversion Construction

In this appendix we list the verbs that we have found in the locative inversion construction. As we mention in chapter 6, the corpus of locative inversion that formed the basis of our research was collected opportunistically, and no effort was made to limit our study to the set of locative inversions found in a “balanced” sample of English texts. Since our goal was an understanding of unaccusativity, we were particularly interested in the range of verbs found in this construction, whatever the nature of the text they were found in. We list the verbs we have found in the construction in this appendix for two reasons: to dispel the misconception that the set of verbs found in this construction is small and to provide future researchers with a list of verbs to work from. The list is split into two parts: the intransitive verbs found in the construction and the passive verbs found in the construction. In addition, we found the following transitive verb plus object combinations in the construction: *take place* and *take root*. This list should not be considered to be a complete list of the verbs that can be found in the construction. Furthermore, as we discuss in chapter 6, a careful examination of this list suggests that some types of additional verbs are more likely to be encountered in the future than others.

- (1) *Intransitive verbs*: adhere, alight, amble, appear, apply, arise, arrive, ascend, await, beat, begin, behold, belch, belong, blaze, bloom, blossom, bob, boom, bound, break, bubble, bulge, burn, burst, cascade, chatter, climb, cling, come, commence, crawl, creep, crouch, curl, dance, dangle, dash, dawn, decay, depend, derive, descend, die, dilute, doze, drain, drift, drip, droop, drop, dwell, echo, emanate, emerge, ensue, enter, erupt, evolve, exist, extend, exude, fall, fall out, fan, fester, figure, flap, flash, flee, flicker, float, flood, flop, flourish, flow, flower, flutter, fly, follow, gallop, gather, get, gleam, glimmer, glisten, glitter, gloom, go, grow, hang, happen, hatch, head, heave, hide, highlight, hobble, hop, hover, hulk, hurry, hurtle, idle, issue, jerk, jump, kneel, labour, laze, lean, leap, lie, linger, live, look, loom, lounge, lurk, march, mill, mingle, mount, move, nestle, occur, open, operate, originate, parachute, parade, pass, peep, peer, perch, persist, plop, pop, pour, prance, preside, project, protrude, puff, pull, purl, pursue, radiate, ramble, range, rattle, read, reappear, rear, recline, reign, remain, repose, reside, rest,