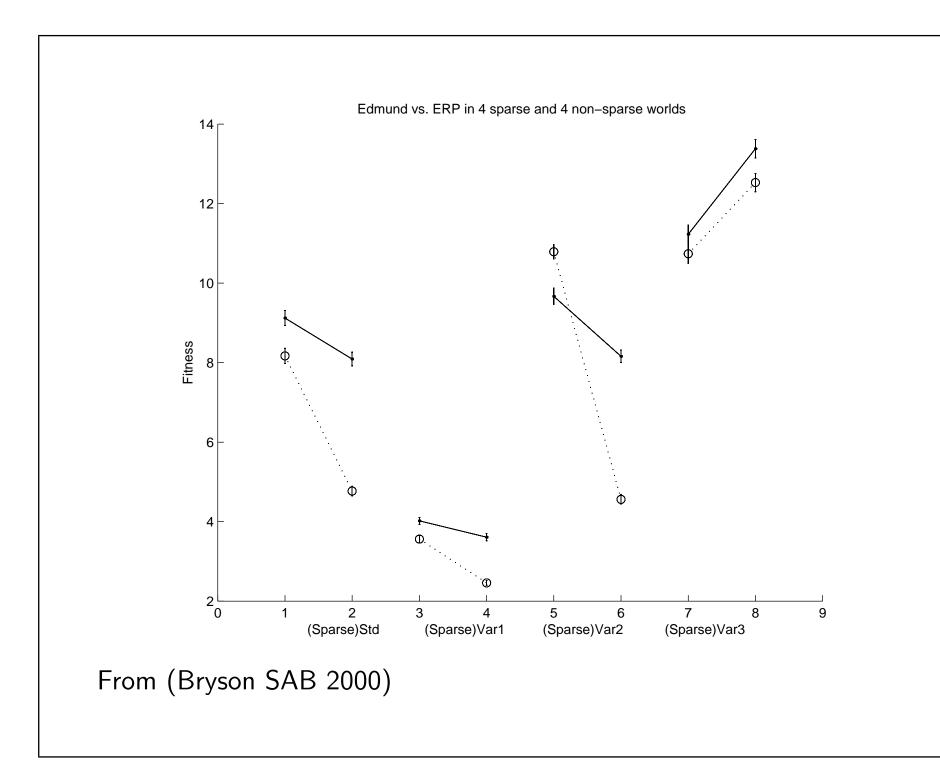
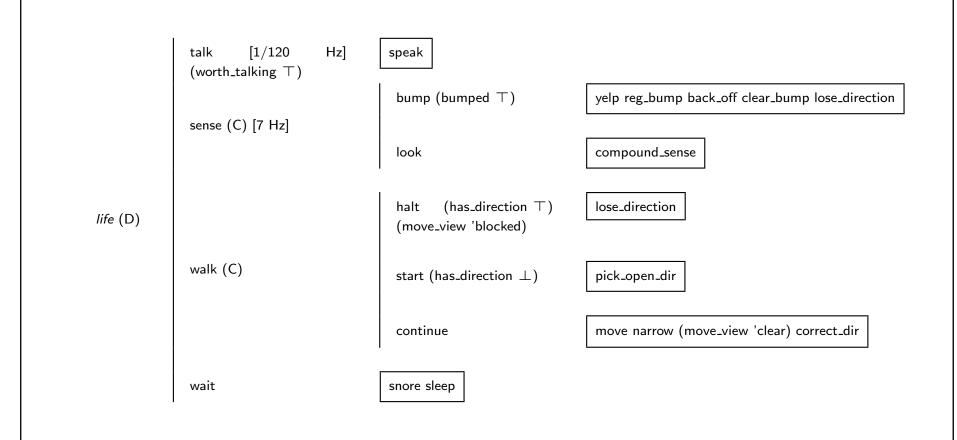
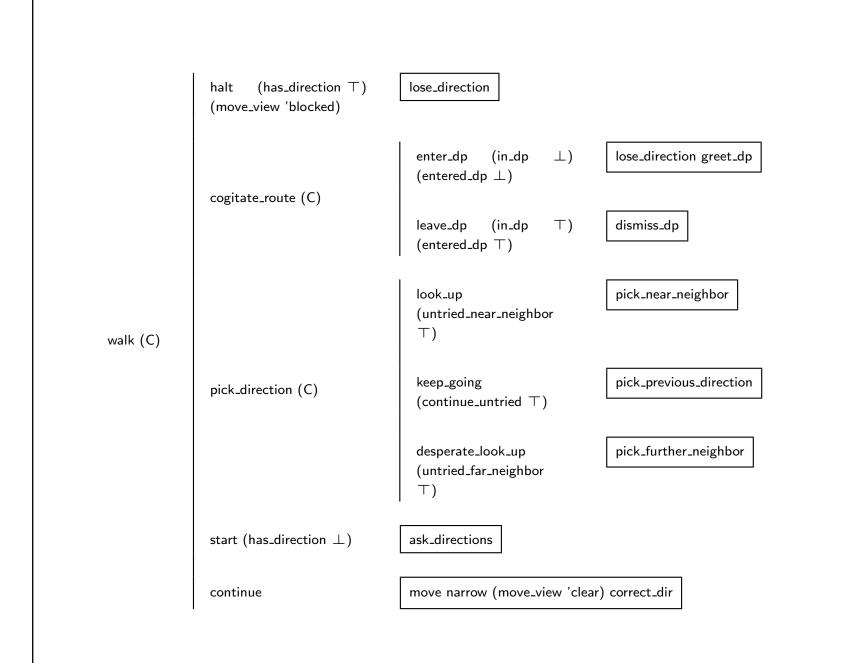


		freeze (see_predator $\top$ ) (covered $\top$ ) (hawk $\top$ )	hold_still
life (D)	flee (C) (sniff_predator $\top$ )	run_away (see_predator ⊤)	pick_safe_dir go_fast
		look	observe_predator
	mate (C) (sniff_mate ⊤)	inseminate (courted_mate_here ⊤)	copulate
		court (mate_here ⊤)	strut
		pursue	pick_dir_mate go
	triangulate (getting_lost ⊤)	pick_dir_home go	
	home [1::5] (late $ op$ ) (at_home $ op$ )	pick_dir_home go	
	check [1::5]	look_around	
	exploit (C) (day_time ⊤)	use_resource (needed_res_avail ⊤)	exploit_resource
		leave	pick_dir go
	sleep_at_home (at_home 丁) (day_time 丄)	sleep	







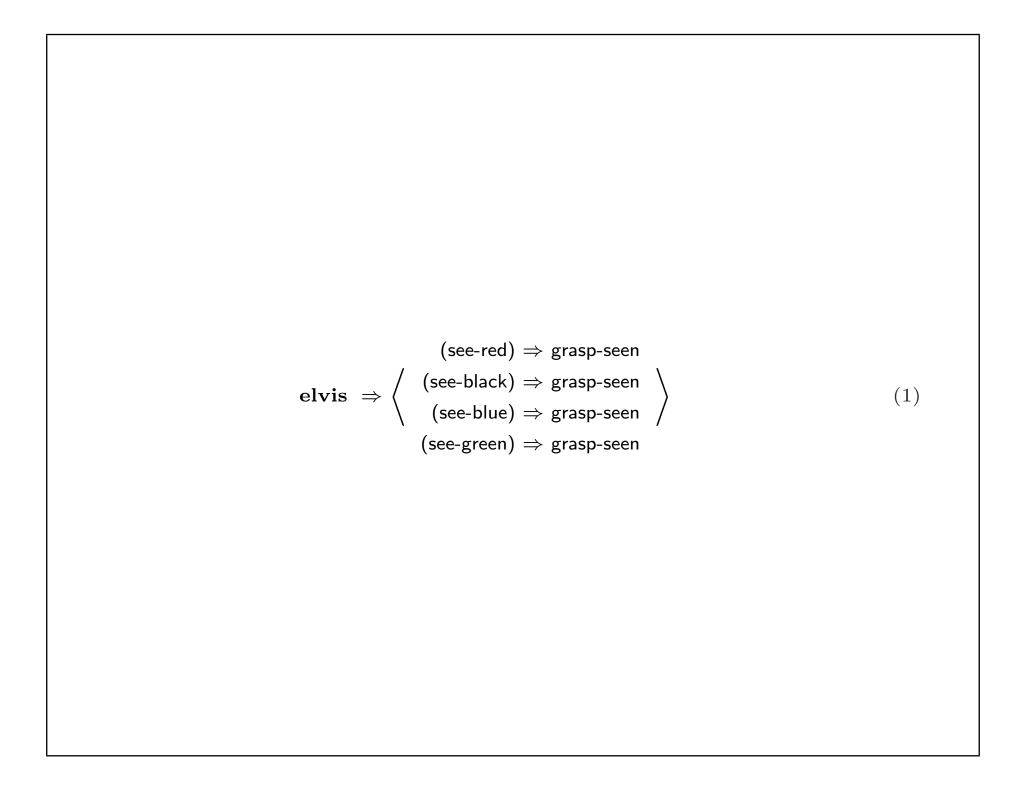
1 Best,

2 second,

3 third,

4 fourth,

5 worst.



$$(\text{no-test}) \Rightarrow \text{new-test}$$

$$(\text{grasping}) \Rightarrow \text{finish-test}$$

$$(\text{no-test } \bot) \Rightarrow \text{elvis-choice}$$

$$\Rightarrow \text{hoot}$$

$$(\text{see-red}) \Rightarrow \text{noisy-grasp}$$

$$(\text{see-black}) \Rightarrow \text{grasp-seen}$$

$$(\text{see-blue}) \Rightarrow \text{grasp-seen}$$

$$(\text{see-green}) \Rightarrow \text{grasp-seen}$$

$$\text{noisy-grasp} \Rightarrow \langle \text{screech} \rightarrow \text{grasp-seen} \rangle$$

```
(\text{no-test}) \Rightarrow \text{new-test}
(\text{rewarded}) \Rightarrow \text{end-of-test}
(\text{grasping}) \Rightarrow \text{reward-monkey}
(\text{no-test } \bot) \Rightarrow \text{educated-grasp}
\Rightarrow \text{hoot}
(\text{find-red}) \Rightarrow \text{reward-found}
(\text{find-black}) \Rightarrow \text{reward-found}
(\text{find-blue}) \Rightarrow \text{reward-found}
(\text{find-green}) \Rightarrow \text{reward-found}
\text{educated-grasp} \Rightarrow \langle \text{adaptive-choice} \rightarrow \text{grasp-seen} \rangle
\text{end-of-test} \Rightarrow \langle \text{consider-reward} \rightarrow \text{save-result} \rightarrow \text{finish-test} \rangle
```

```
(no-test) \Rightarrow new-test
                                            \textit{life} \; \Rightarrow \left\langle \left\langle \begin{array}{c} (\mathsf{rewarded}) \Rightarrow \mathbf{end\text{-}of\text{-}test} \\ (\mathsf{grasping}) \Rightarrow \mathbf{reward\text{-}monkey} \end{array} \right\rangle \right\rangle
                                                                                                                                                                                                                                          (4)
                                                                                                                     \Rightarrow educated-grasp
                                                                                                                (find-red) \Rightarrow reward-found
                         \mathbf{reward\text{-}monkey} \Rightarrow \left\langle \begin{array}{c} (\mathsf{find\text{-}black}) \Rightarrow \mathsf{reward\text{-}found} \\ (\mathsf{find\text{-}blue}) \Rightarrow \mathsf{reward\text{-}found} \end{array} \right\rangle
                                                                                                          (find-green) \Rightarrow reward-found
                                                                                                (target-chosen) \Rightarrow grasp-seen
       educated-grasp \Rightarrow \left\langle \begin{array}{c} (\text{focus-rule 'avoid}) \Rightarrow \text{pick-other} \\ (\text{focus-rule 'select}) \Rightarrow \text{pick-this} \end{array} \right.
                                                                                                                                              \Rightarrow priority-focus
\mathbf{end}\text{-}\mathbf{of}\text{-}\mathbf{test} \Rightarrow \langle \mathsf{rules}\text{-}\mathsf{from}\text{-}\mathsf{reward} \rightarrow \mathsf{save}\text{-}\mathsf{rule}\text{-}\mathsf{result} \rightarrow \mathsf{finish}\text{-}\mathsf{test} \rangle
```