// ParadoxEnrich param file, CourseWare 0.3, vfb, 990310

// ParamVerbose

Globals {

courseware.util.CourseWareApplet cwa;

eco.iso.Isoclines iso;

eco.iso.IsoPlot2D plot;

cwa.setBackground( 204,204,204 );

cwa.setCommentRows(2);

cwa.comment("Add trajectories to predator/prey system.");

cwa.setModuleToRun("eco.iso.Isoclines"), "moduleToRun";

cwa.setLogo( "crocIcon.jpg",

"http://www.eeb.yale.edu/faculty/schmitz/commecollabs.html",

98, 50 );

cwa.setReader ( "Discussion", "eco/iso/readers.enrich/discussion.html" );

cwa.setReader ( "Homework", "eco/iso/readers.enrich/homework.html" );

cwa.setReader ( "Details", "eco/iso/readers.enrich/underhood.html" );

cwa.setReader ( "References", "eco/iso/readers.enrich/refs.html" ) ;

plot.setTimeLabel( 1, "Population" );

plot.setTimeLabel( 0, "Time" );

plot.setStateLabel( 0, "Prey" );

plot.setStateLabel( 1, "Predator" );

ParamList ("Time", "iso.rerun") {

iso.setMaxTime(20.0), "run to time";

iso.setDt(.005), "dt approximation";

iso.setPlotNth(10), "plot nth";

}

iso.makeButton("Time");

iso.setIsoSteps(101);

}

Scenario ("Saturated Predator, Logistic Prey") {

eco.iso.SatPredLogPrey sys;

cwa.comment("Saturated Predator, Logistic Prey.");

iso.setSystem( "SatPredLogPrey", "eco.iso.SatPredLogPrey",

"8.0 0.4 1 9.04 .011 50" );

iso.addTrajectory( "40,3", 40, 3 );

sys.setDt(.005);

sys.setPlotNth(10);

}

Scenario ("Fighting Predator, Logistic Prey") {

eco.iso.FightSatPredLogPrey sys;

cwa.comment("Fighting Saturated Predator, Logistic Prey.");

iso.setSystem( "FightSatPredLogPrey", "eco.iso.FightSatPredLogPrey",

"8.0 0.4 1 0 .011 50 9.04" );

iso.addTrajectory( "100,3", 100, 3 );

sys.setDt(.005);

sys.setPlotNth(10);

}