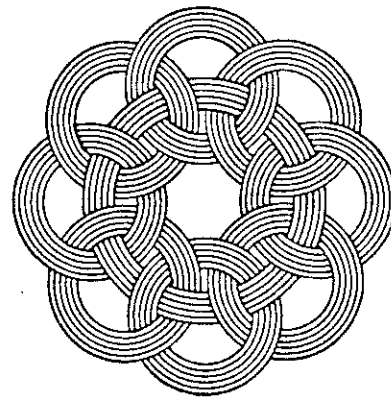


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AND GLORIA FEMAN ORENSTEIN

REWEAVING THE WORLD

*The Emergence
of Ecofeminism*



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ECOFEMINISM AND FEMINIST THEORY

THE TERM *ecofeminisme* was coined by the French writer Françoise d'Eaubonne in 1974 to represent women's potential for bringing about an ecological revolution to ensure human survival on the planet.¹ Such an ecological revolution would entail new gender relations between women and men and between humans and nature. Liberal, radical, and socialist feminism have all been concerned with improving the human/nature relationship, and each has contributed to an ecofeminist perspective in different ways.² Liberal feminism is consistent with the objectives of reform environmentalism to alter human relations with nature through the passage of new laws and regulations. Radical ecofeminism analyzes environmental problems from within its critique of patriarchy and offers alternatives that could liberate both women and nature. Socialist ecofeminism grounds its analysis in capitalist patriarchy and would totally restructure, through a socialist revolution, the domination of women and nature inherent in the market economy's use of both as resources. While radical feminism has delved more deeply into the woman/nature connection, I believe that socialist feminism has the potential for a more thorough critique of the domination issue.

Liberal feminism characterized the history of feminism from its beginnings in the seventeenth century until the 1960s. Its roots are liberalism, the political theory that incorporates the scientific analysis that nature is composed of atoms moved by external forces with a theory of human nature that views humans as individual rational agents who maximize their own self-interest and capitalism as the optimal economic structure for human progress. Historically, liberal feminists have argued that women do not differ from men as rational agents and that exclusion from educational and economic opportunities have prevented them from realizing their own potential for creativity in all spheres of human life.³

For liberal feminists (as for liberals) problems result from the overly rapid development of technology and the failure to regulate environmental conservation, and laws are the proper response to environmental problems. Given equal educational opportunities, women like men can contribute to the improvement of the conservation of natural resources. Women, therefore, can transcend traditional gender roles and join men in the cultural project of environmental conservation.

Radical feminism developed in the second wave of feminism. The radical feminist critique is based on the perception that women are oppressed and devalued in Western culture and liberated through direct political action. Patriarchy is seen as a system of ruling patriarchal culture dethroned through the replacement of them with male gods to whom the earth is dedicated. The scientific revolution of the seventeenth century replaced nature by replacing Renaissance organic metaphors with the metaphor of a machine to be controlled. The Earth is to be dominated by technology, science, and industry.

Radical feminism instead celebrates the connection between women and nature through the revival of ancient goddess worship, the moon, animals, and the earth. A vision in which nature is held in esteem and is a source of inspiration and empowerment. Goddess worship is seen as a source of both political and spiritual activity. Goddess worship and rituals centered around menstrual cycles, lectures, concerts, and theatrical productions, and direct political actions (such as protests) are all examples of the re-vitalization of powerful forces. Radical ecofeminism is based on an ethic of caring, and weblike human relationships.

For radical feminists, human nature is not universal. Humans are biologically sexed and socialized. Different conditions give men and women different potentials. Radical feminists object to the traditional notion that women are limited by their biological ability to bear children. The dominant

FEMINISM AND THEORY

Ecofeminism was coined by the French writer Françoise d'Eaubonne to represent women's potential for bringing about a new ecological revolution to ensure human survival on the planet. The ecological revolution would entail new gender relationships and between humans and nature. Liberal feminism and radical feminism have all been concerned with the relationship between humans and nature, and each has contributed to the ecological revolution in different ways.² Liberal feminism is concerned with the use of reform environmentalism to alter the relationship between humans and nature through the passage of new laws and regulations. Radical feminism analyzes environmental problems through a feminist lens and offers alternatives that could be implemented. Socialist ecofeminism grounds its theory in the relationship between women and nature and would totally restructure, through the ecological revolution, the relationship of women and nature inherent in the ecological revolution, both as resources. While radical feminism is grounded in the woman/nature connection, I believe that radical feminism has the potential for a more thorough ecological revolution. I have traced the history of feminism from its roots in the nineteenth century until the 1960s. Its roots are in the ecological revolution that incorporates the scientific analysis of the ecological revolution moved by external forces with a feminist lens. It views humans as individual rational agents, not self-interest and capitalism as the opposition to human progress. Historically, liberal feminism is not different from men as rational agents. Women's personal and economic opportunities have been limited, but their own potential for creativity in all

For liberal feminists (as for liberalism generally), environmental problems result from the overly rapid development of natural resources and the failure to regulate environmental pollutants. Better science, conservation, and laws are the proper approaches to resolving resource problems. Given equal educational opportunities to become scientists, natural resource managers, regulators, lawyers, and legislators, women like men can contribute to the improvement of the environment, the conservation of natural resources, and the higher quality of human life. Women, therefore, can transcend the social stigma of their biology and join men in the cultural project of environmental conservation.

Radical feminism developed in the late 1960s and 1970s with the second wave of feminism. The radical form of ecofeminism is a response to the perception that women and nature have been mutually associated and devalued in Western culture and that both can be elevated and liberated through direct political action. In prehistory an emerging patriarchal culture dethroned the mother Goddesses and replaced them with male gods to whom the female deities became subservient.⁴ The scientific revolution of the seventeenth century further degraded nature by replacing Renaissance organicism and a nurturing earth with the metaphor of a machine to be controlled and repaired from the outside. The Earth is to be dominated by male-developed and -controlled technology, science, and industry.

Radical feminism instead celebrates the relationship between women and nature through the revival of ancient rituals centered on Goddess worship, the moon, animals, and the female reproductive system. A vision in which nature is held in esteem as mother and Goddess is a source of inspiration and empowerment for many ecofeminists. Spirituality is seen as a source of both personal and social change. Goddess worship and rituals centered around the lunar and female menstrual cycles, lectures, concerts, art exhibitions, street and theater productions, and direct political action (web weaving in antinuclear protests) are all examples of the re-visioning of nature and women as powerful forces. Radical ecofeminist philosophy embraces intuition, an ethic of caring, and weblike human/nature relationships.

For radical feminists, human nature is grounded in human biology. Humans are biologically sexed and socially gendered. Sex/gender relationships give men and women different power bases. Hence the personal is political. Radical feminists object to the dominant society's perception that women are limited by being closer to nature because of their ability to bear children. The dominant view is that menstruation, preg-

nancy, nursing, and nurturing of infants and young children should tie women to the home, decreasing their mobility and inhibiting their ability to remain in the work force. Radical feminists argue that the perception that women are totally oriented toward biological reproduction degrades them by association with a nature that is itself devalued in Western culture. Women's biology and nature should instead be celebrated as sources of female power.

Turning the perceived connection between women and biological reproduction upside down becomes the source of women's empowerment and ecological activism. Women argue that male-designed and -produced technologies neglect the effects of nuclear radiation, pesticides, hazardous wastes, and household chemicals on women's reproductive organs and on the ecosystem. They argue that radioactivity from nuclear wastes, power plants, and bombs is a potential cause of birth defects, cancers, and the elimination of life on Earth.⁵ They expose hazardous waste sites near schools and homes as permeating soil and drinking water and contributing to miscarriage, birth defects, and leukemia. They object to pesticides and herbicides being sprayed on crops and forests as potentially affecting children and the childbearing women living near them. Women frequently spearhead local actions against spraying and power plant siting and organize others to demand toxic cleanups. When coupled with an environmental ethic that values rather than degrades nature, such actions have the potential both for raising women's consciousness of their own oppression and for the liberation of nature from the polluting effects of industrialization. For example, many lower-middle-class women who became politicized through protests over toxic chemical wastes at Love Canal in New York simultaneously became feminists when their activism spilled over into their home lives.⁶

Yet in emphasizing the female, body, and nature components of the dualities male/female, mind/body, and culture/nature, radical ecofeminism runs the risk of perpetuating the very hierarchies it seeks to overthrow. Critics point to the problem of women's own reinforcement of their identification with a nature that Western culture degrades.⁷ If "female is to male as nature is to culture," as anthropologist Sherry Ortner argues,⁸ then women's hopes for liberation are set back by association with nature. Any analysis that makes women's essence and qualities special ties them to a biological destiny that thwarts the possibility of liberation. A politics grounded in women's culture, experience, and values can be seen as reactionary.

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To date, socialist feminists have had little to say about the problem of the domination of nature. To them, the source of male domination of women is the complex of social patterns called capitalist patriarchy, in which men bear the responsibility for labor in the marketplace and women for labor in the home. Yet the potential exists for a socialist ecofeminism that would push for an ecological, economic, and social revolution that would simultaneously liberate women, working-class people, and nature.

For socialist ecofeminism, environmental problems are rooted in the rise of capitalist patriarchy and the ideology that the Earth and nature can be exploited for human progress through technology. Historically, the rise of capitalism eroded the subsistence-based farm and city workshop in which production was oriented toward use values and men and women were economic partners. The result was a capitalist economy dominated by men and a domestic sphere in which women's labor in the home was unpaid and subordinate to men's labor in the marketplace. Both women and nature are exploited by men as part of the progressive liberation of humans from the constraints imposed by nature. The consequence is the alienation of women and men from each other and both from nature.

Socialist feminism incorporates many of the insights of radical feminism, but views both nature and human nature as historically and socially constructed. Human nature is seen as the product of historically changing interactions between humans and nature, men and women, classes, and races. Any meaningful analysis must be grounded in an understanding of power not only in the personal but also in the political sphere. Like radical feminism, socialist feminism is critical of mechanistic science's treatment of nature as passive and of its male-dominated power structures. Similarly, it deplors the lack of a gender analysis in history and the omission of any treatment of women's reproductive and nurturing roles. But rather than grounding its analysis in biological reproduction alone, it also incorporates social reproduction. Biological reproduction includes the reproduction of the species and the reproduction of daily life through food, clothing, and shelter; social reproduction includes socialization and the legal/political reproduction of the social order.⁹

Like Marxist feminists, socialist feminists see nonhuman nature as the material basis of human life, supplying the necessities of food, clothing, shelter, and energy. Materialism, not spiritualism, is the driving force of social change. Nature is transformed by human science

Feminism and the Environment

	IMAGE OF A FEMINIST ENVIRONMENTALISM	
	FEMINIST CRITIQUE OF ENVIRONMENTALISM	IMAGE OF A FEMINIST ENVIRONMENTALISM
	HUMAN NATURE	IMAGE OF A FEMINIST ENVIRONMENTALISM
	NATURE	IMAGE OF A FEMINIST ENVIRONMENTALISM
LIBERAL FEMINISM	<p>Atoms Mind/body dualism Domination of nature</p> <p>Transformation of nature by science and technology for human use Domination of nature as a means to human freedom Nature is material basis of life: food, clothing, shelter, energy</p>	<p>Women participate in natural resources and environmental sciences</p> <p>Socialist/communist society will use resources for good of all men and women Resources will be controlled by workers Environmental pollution will be minimal since no surpluses will be produced Environmental research by men and women</p>
MARXIST FEMINISM	<p>Rational agents Individualism Maximization of self-interest</p> <p>Creation of human nature through mode of production, praxis Historically specific - not fixed Species nature of humans</p>	<p>"Man and his environment" leaves out women</p> <p>Critique of capitalist control of resources and accumulation of goods and profits</p>
RADICAL FEMINISM	<p>Human nature created through biology and praxis (sex, race, class, age) Historically specific and socially constructed</p>	<p>Unaware of interconnectedness of male domination of nature and women Male environmentalism retains hierarchies Insufficient attention to environmental threats to women's reproduction (chemicals, nuclear war)</p>
SOCIALIST FEMINISM	<p>Nature is spiritual and personal Conventional science and technology problematic because of their emphasis on domination</p> <p>Nature is material basis of life: food, clothing, shelter, energy Nature is socially and historically constructed Transformation of nature by production</p>	<p>Woman/nature both valued and celebrated Reproductive freedom Against pornographic depictions of both women and nature Radical ecofeminism</p> <p>Both nature and human production are active Centrality of biological and social reproduction Dialectic between production and reproduction Multileveled structural analysis Dialectical (not mechanical) systems Socialist ecofeminism</p>

and technology for use by all humans views change as dynamic, interactive, mechanistic, linear, and incremental and alive. As a historical actor, nature through mutual ecological relations. theory gives both reproduction and praxis feminist environmental ethic involves dominating relations with nature and quality of life.

In politics, socialist feminists participate in environmental actions as radical feminism direct change toward some form of alternative to resocializing men and women. violent, anti-imperialist forms of liberation explicitly with environmental issues to Third World women, and women of color for the women's *Chipco* (tree-hugging) protects fuel resources from lumber industry movement in Kenya that has planted trees years, and for Native-American women activity from uranium mining.¹⁰

Although the ultimate goals of liberation may differ as to whether capitalism, socialism should be the ultimate objective of politics, they overlap. In this sense there is potential in women's common goal of restoring quality of life for people and other life forms of the planet.

<p>RADICAL FEMINISM</p>	<p>Nature is spiritual and personal Conventional science and technology problematic because of their emphasis on domination</p>	<p>Biography is basic Humans are sexually reproducing bodies Sexed by biology/Gendered by society</p>	<p>Unaware of interconnectedness of male domination of nature and women Male environmentalism retains hierarchies Insufficient attention to environmental threats to women's reproduction (chemicals, nuclear war)</p>	<p>Woman/nature both valued and celebrated Reproductive freedom Against pornographic depictions of both women and nature Radical ecofeminism</p>
<p>SOCIALIST FEMINISM</p>	<p>Nature is material basis of life: food, clothing, shelter, energy Nature is socially and historically constructed Transformation of nature by production</p>	<p>Human nature created through biology and praxis (sex, race, class, age) Historically specific and socially constructed</p>	<p>Leaves out nature as active and responsive Leaves out women's role in reproduction and reproduction as a category Systems approach is mechanistic not dialectical</p>	<p>Both nature and human production are active Centrality of biological and social reproduction Dialectic between production and reproduction Multileveled structural analysis Dialectical (not mechanical) systems Socialist ecofeminism</p>

and technology for use by all humans for survival. Socialist feminism views change as dynamic, interactive, and dialectical, rather than as mechanistic, linear, and incremental. Nonhuman nature is dynamic and alive. As a historical actor, nature interacts with human beings through mutual ecological relations. Socialist feminist environmental theory gives both reproduction and production central places. A socialist feminist environmental ethic involves developing sustainable, non-dominating relations with nature and supplying all peoples with a high quality of life.

In politics, socialist feminists participate in many of the same environmental actions as radical feminists. The goals, however, are to direct change toward some form of an egalitarian socialist state, in addition to resocializing men and women into nonsexist, nonracist, nonviolent, anti-imperialist forms of life. Socialist ecofeminism deals explicitly with environmental issues that affect working-class women, Third World women, and women of color. Examples include support for the women's *Chipco* (tree-hugging) movement in India that protects fuel resources from lumber interests, for the women's Green Belt movement in Kenya that has planted more than 2 million trees in 10 years, and for Native-American women and children exposed to radioactivity from uranium mining.¹⁰

Although the ultimate goals of liberal, radical, and socialist feminists may differ as to whether capitalism, women's culture, or socialism should be the ultimate objective of political action, shorter-term objectives overlap. In this sense there is perhaps more unity than diversity in women's common goal of restoring the natural environment and quality of life for people and other living and nonliving inhabitants of the planet.