DO PLANTS RESPOND TO LOVE?

To this question there are those who will answer emphatically and unequivocally, “Yes!” High school students repeatedly in science fair projects have subjected various types of plants to “thought waves” and to “sound waves.” One set of plants, assaulted and bombarded with raucous rock and roll at high decibel levels, grew stunted and unthrifty. Another equal set heard only calm, soothing music (Brahms, Mendelssohn, Stravinsky and others). Reports indicate that the calm “loving” music produced more robust, healthier plants that bore flowers and fruit profusely.

Other reports on the effects on plants of the human voice and mental attitude of the gardener. One set of plants was subjected to harsh, coarse voices. An equal set “heard” soft, loving voices and received tender loving care. Again, love conquered; the plants produced abundant flowers and fruit.

I would have a hard time finding these references again among all the various magazines I read voraciously. What I have synopsized above accurately describes the information I have gleaned from authentic publications.

Occasionally, I accept a reading assignment that is so difficult I must keep my dictionary open at my side. Such a book, which I’ve only read once (but will re-read many times), is “The Delicate Creation, Towards a Theology of the Environment” by Christopher Derrick, published by Devin-Adair. In the book the author suggests that 20th century man contains within himself a tendency toward an ancient heresy (Manichaean), which views the world and environment as evil and hostile and nature as an enemy (hate). He suggests, for the good of man’s future, that man replace this hostility with a “cosmic piety” (love). This view acknowledges the world as good and lovely, as something to be loved and cherished, although it may cost man something in material comfort and economic expansion. A workable “cosmic piety” might give all of us a chance to sit quietly, get our breath back and discover peace, quiet and the human value of friends and neighbors. Perhaps the hard-to-read brilliance of Derrick and his “cosmic piety” does have something in common with the science fair students’ experiments.

Before the environmental crisis destroys all of us, certainly we will lose nothing if we develop a calm, quiet loving approach to nature. I believe most of my friends in turf practice “cosmic piety” without being aware of it. Our rare and fragile home, earth, has not yet been destroyed. With our help, it may yet be renewed.

Q—We have an area (tee size) adjacent to one of our teeing areas that is continuously saturated. There is no good way to drain it. We think there may even be a spring there. Our mowers frequently get bogged down. It’s an eye sore. Do you have any suggestions? (Pennsylvania)

A—Yes, capitalize on the continuous supply of moisture. Stop trying to grow and mow grass and convert the “eye sore” into a beauty spot by growing wetland and bog plants for beauty, interest and utility. Space the plants and identify them with suitable modest markers. Tell your members through

continued on page 12
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GRAU from page 11

the club bulletin what you are doing in the name of ecology. Convert your liability into a human-interest asset and save the cost of maintenance.

Here's a partial list of wetland type plants for a starter: ferns, bulrush, sedge (Cyperus spp), cat-tail, hibiscus, pitcher plant, swamp maple, corkscrew, willow, sagittaria (arrow-leaf), calamus (sweet flag), skunk cabbage, mint, watercress, jewelweed, marsh marigold, Venus flytrap.

With the help of the National Arboretum, I am compiling a more comprehensive list. Good luck, and let me hear from you.

Q—Many superintendents have mixed natural organic materials with their moist compost to produce heat which kills weed seeds and provides clean topdressing material. When these same materials are applied to putting greens during cold, wet weather, there is no response. Do they lie there in "cold storage" until suitable temperatures occur? Sometimes, there are multiple applications made to try to get a response. Would an application of a quick-acting soluble be advisable to get things going? When the weather turns hot and wet, is there a possibility that, in the micro-climate of the greens, we might have a miniature "compost pile" with development of heat (and rapid release of nitrogen) that the grass can't take? (Pennsylvania)

A—You have done some good deductive reasoning. These materials do lie in "cold storage" during cold, wet periods. The "multiple applications" act as a single application when breakdown starts. A soluble-containing material can trigger the action as temperatures rise. The development of heat is a reasonable possibility.

CORRECTION
In Dr. Grau's September, 1972, column on page 17 a mistake was made in line eight. The corrected line should read: "In reseeding (a necessity) we were advised to add Pennfine or Manhattan perennial ryegrass (two to three pounds per 1,000 square feet) to the 1 1/2 pounds of Penncross."
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For more information circle number 137 on card
PGA TERMINATES CREASEY

PALM BEACH GARDENS, FLA.—The Professional Golfers’ Assn. of America has terminated the services of executive director Robert T. Creasey, who has held the position since January 1, 1966.

The unexpected announcement was made by the executive committee of the PGA at the club championships in Pinehurst, N.C., the week of October 20th. A member of the executive committee indicated to GOLFDOM that a substantial vote favored Creasey’s termination.

He indicated that Creasey had become too controversial a figure among national and sectional officials to function effectively, adding that the executive director must coordinate these officials. When someone in the position becomes controversial, the official said, he cannot possibly carry out this function, and it eventually affects important PGA business and activities.

Lloyd Lambert, executive secretary, has been named acting executive director.

Creasey was unavailable for comment.

“ACE” REWARDS FROM GAC

HYANNIS, MASS.—The elusive hole-in-one now carries more than intrinsic rewards. A new club, called Golfer’s Ace Club, is offering to those members who make an ace, the chance to play in the Golfer’s Ace Club tournament. The tournament will be played each fall at a top course; transportation and accommodations will be paid by GAC.

Other benefits to members include a free year’s subscription to GOLF Magazine, a $200 bar bill insurance, membership card and bag tag. Membership is $15 a year.

There also is a bonus available to the golf professional. If 25 or more of his members join, the professional gets a pair of top-of-the-line Stylist golf shoes; 50 or more, the professional receives a golf sweater, and 100 or more, the professional will be sent to the tournament, all expenses paid, as a guest of GAC.

Professionals can send for a poster and for application blanks for his pro shop to: Golfer’s Ace Club, Inc., Sullivan Building, Route 132, Hyannis, Mass. 02601.
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For more information circle number 190 on card
Bright aloha shirts and colorful muumuus will be the unofficial dress when more than 1,300 club managers and their wives convene at the 46th Annual Club Managers Assn. of America Conference in Honolulu, Hawaii, February 13 to 17.

Taking advantage of the balmy climate, the exotic location and the many historical monuments on the Island of Oahu, the emphasis of the conference will be on the Polynesian culture, the people and how their climate and geographical location contributed to both. Preparation and service of food and beverage indigenous to the South Pacific will be the subject of one of the seminars.

Professor Chuck Gee of the University of Hawaii will serve participants the various fare prepared during this tasty seminar.

The major thrust of this educational highlight of the year for managers of private clubs will be on learning about the latest developments that affect their clubs. Topics include: food and beverage; taxation and legal matters; administration; marketing; developments in sports as they pertain to clubs and many more areas relevant to the operation of the club.

The conference will get under way with registration of delegates on Sunday and Monday, February 11 and 12. A golf tournament and fishing derby will also be held on Monday. On Tuesday the “Idea Fair” opens. This annual competition features entries from club managers throughout the United States who have developed innovative ideas and have put them into practice at their own clubs. Valuable information may be gained by carefully reading and studying “how other managers did it.”

A new seminar has been added to the conference this year, to be held on Tuesday, February 13. Recognizing the many military members of CMAA and their special problems, this seminar will be geared to their needs.

Tuesday evening’s attendees may enjoy the International Night Buffet, which will be held at the Hilton Hawaiian Village. Food from China, Japan,
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For more information circle number 164 on card

CMAA from page 17

Thailand and Hawaii will be served.

The opening business session on Wednesday, February 14, will be formally called to order by CMAA President Laurice T. Hall.

Following the opening session, a Legislative and Tax Clinic will be held, conducted by Jack Janetatos, legal counsel, National Club Assn.

Wednesday's luncheon will honor those managers who have attained the Certified Club Manager (CCM) designation, past presidents and members of the 25-year club.

Thursday, February 15, three seminars will run simultaneously. Each will be presented twice in the morning and cover: Foods of the Islands, conducted by Professor Chuck Gee; Marketing Seminar, conducted by Dr. E.M. Barnet of the University of Hawaii; and Operating Systems and their Profitability, conducted by Dr. Lendal Kothevar, food consultant for the United Nations and now a visiting professor, University of Hawaii.

Thursday's luncheon officially introduces the candidates seeking office on the board of directors. The guest speaker will be Larry Renson, vice president of the First Hawaiian Bank and a noted expert in motivation. He will lay the groundwork for a seminar on Friday.

Friday morning Professor Gee repeats his dishes for more seminar attendees. At the same time, Dr. Revel Denny, professor at the University of Hawaii, will hold a seminar: Club's Role in Modern Society. Dr. Denny is well versed on this subject. In addition, Renson will conduct his follow-up seminar.

Roundtable discussions will be held Friday afternoon. These will be presented in a new way this year. Previously divided by types of clubs, the discussions this year will be divided by subject and will be moderated by members of CMAA's Speakers Bureau. The subjects will be chosen on the basis of their application to all managers, regardless of the size or type of club they have.

Saturday morning will begin with an early breakfast seminar, followed by the closing business session in which new officers and directors will be elected and awards made.

On Sunday, the closing day, a breakfast luau beach party will be held in front of the Village.
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