

Draft Draft Draft

**Desert Tortoise Council
Minutes of the Board of Directors Meeting**

**20 July 2024
Zoom Online Meeting**

CALL TO ORDER

The meeting was called to order by Chairperson, Mari Quillman at 10:06 a.m. (PDT). **Action items are in blue, with responsible parties in red. Motions made, seconded, and approved (or not) are shown in bold red font.**

Attendees: Board members: Kristin Berry, Peter Woodman, Judy Hohman, Mari Quillman, Michael Tuma, Becky Jones, Joe Probst, Ed LaRue, Max Havelka, Bruce Palmer, Mary Lane Poe, Maggie Fusari, and Operations Manager: David Hedrick. **Absent:** Ken MacDonald, Luke Basulto, Rick Applegate. **Guests:** None.

A. Approval of Meeting Minutes of 5/18/2024: Ed LaRue prepared draft minutes of the most recent virtual Board meeting, which were distributed, reviewed, and approved today as final. **Motion made (Joe Probst), seconded (Judy Hohman), and unanimously approved to accept the draft minutes as final.**

B. Review of Board Actions since Last Board Meeting:

1. Resignation of Halle Kohn-Levine: Since our last Board meeting, Halle Kohn-Levine has resigned from the Board, leaving the Media Committee and Membership Committee chair positions vacant, as well as Newsletter Editor. Becky Jones sent a letter of gratitude to her.

C. Next Meeting Date: The next virtual meeting of the Board of Directors will be on Zoom, beginning at 10:00 a.m. (PST), on 9/21/2024.

OFFICER/COMMITTEE REPORTS

D. Treasurer's Report: In an electronic version of the Treasurer's Report dated 7/15/2024¹, Joe Probst shared that our total income thus far for 2024 is \$158,734.75 with total expenditures of \$188,804.28. Our total current assets are \$271,598.03. Joe has also added several line items that document available cash at the beginning of the year at our two banks. **Motion made (Ed LaRue), seconded (Kristin Berry), and unanimously approved to accept the Treasurer's Report as final.** With regards to the John Konecny Donation, we have yet to receive these funds pending several outstanding issues, which several financial advisors are helping us to address. The "current resolution" that is needed may be different from the Articles of Incorporation, pending input from financial advisors. **David Hedrick will work with Sky Esser to post our Articles of Incorporation on the website.**

¹ <https://www.dropbox.com/scl/fi/dmh68gsja2nb51qqd43lo/2024-Budget-Actual-and-Treasurer-Report.xlsx?rlkey=nzwlwca6ugejha8w196cxxxkf&dl=0>

E. Corresponding Secretary’s Report: In a relatively lengthy, detailed report dated 7/20/2024, Becky Jones documented 16 emails and 4 letters she received since the May Board meeting, which are listed in her footnoted report². Among this correspondence, the Council received a \$1,000 donation from The Community Foundation to which Becky responded with a letter of gratitude.

F. Membership Committee’s Report: Chair position is currently open, so Mari Quillman provided a report. [Until a Membership Committee chairperson is identified, Mari Quillman and David Hedrick will oversee eblasts and maintain the membership list.](#) Mari provided Table 1, which shows the status of the membership as of 7/20/2024. The Council’s contact list contains 3,303 names (current and past members). The Council currently has 329 active members.

Table 1 – Desert Tortoise Council Membership as of July 20, 2024

Level	Total	Active	Renewal Overdue	Pending		New in the Last	
				New	Renewal	7 days	30 days
Regular Membership	769	185	584	4	4	-	8
Student Membership	66	15	50	1	-	-	-
Retiree Membership (65 years and older)	52	33	20	-	1	-	-
Lifetime Membership	82	82	-	-	-	-	-
Organization Membership	21	14	7	-	-	-	-
Total	990	329	661	5	5	-	8

With Halle’s departure from the Board, we do not have a chair for the Membership Committee, which is comprised of Mari Quillman, David Hedrick, Judy Hohman, and Maggie Fusari. It would be great to have a Board member become the Membership Committee chair.

G. Nominating Committee’s Report: There was no report in Ken MacDonald’s absence. All Board members are encouraged to help identify potential new Board members. [Judy Hohman will contact John Kalish to see if he would like to rejoin the Board.](#)

H. Ecosystems Advisory Committee’s (EAC) Report: In an electronic version of his report (see attachment), Ed LaRue reported that there were 18 projects identified and 13 reviewed by the Board and submitted by their due dates in the reporting period between 5/18/2024 and 7/20/2024. Among the 13 comment letters, we coauthored five letters with Defenders of Wildlife, Center for Biological Diversity, and National Parks Conservation Association. We also commented on the latest environmental documents for the Northern Corridor in Utah. In the last few weeks, we have begun to coauthor letters with the Desert Tortoise Preserve Committee (DTPC), so that both of our logos and signatures (e.g., Roger Dale for DTPC) appear on letters for projects in California. David Hedrick worked with Sky Esser to post a missing letter on the Green Link project, which he then provided to a member of the public.

I. Media Committee’s Report: Chair position open, so there was no formal report. [Mary Lane Poe will work with several people to produce a post-Symposium newsletter focusing on highlights of the Symposium.](#) • [Judy Hohman will add production of a post-Symposium newsletter or blog to our calendar.](#) • [Michael Tuma and David Hedrick will work with Sky Esser to pursue active use of written blog posts.](#)

² <https://www.dropbox.com/scl/fi/trrc7xyf4zuyqsi3rhm5/Corresponding-Secretary-7-20-24.docx?rlkey=zrz1a0azqzx6dhaxi07g7f3e&dl=0>

J. Strategic Planning Committee Report: Bruce Palmer did not have anything new to report. The next strategic planning event would be a good opportunity for each of us to evaluate our effectiveness in meeting strategic planning goals from the last five-year plan.

K. Grants Committee's Report: Michael Tuma reported that a check has been sent to The Living Desert for a recent grant awarded to them. With regards to Bolson tortoise research funding, Mari Quillman shared that Senator Martin Heinrick introduced a bill to an appropriations committee to support Bolson tortoise research, which cannot be given directly to the USFWS but could be granted through the Council. The work cannot be performed on public lands, so it must be on private, State, or Tribal lands, which may include Turner Ranches. We need to see if the bill passes.

L. Agency Coordinating Committee's Report: Judy Hohman and Ed LaRue spoke with Kristina Drake several days ago and asked her for a contact list of agency people we could invite to an agency coordinating meeting. Otherwise, this committee is nonfunctional.

M. Mexican Tortoise Conservation Committee (MTCC): Nothing to report in Luke Basulto's absence.

N. Training Program Committee Report:

1. Introductory Training Course Committee's Report: In her report, Maggie Fusari shared we are currently registering people for the 2024 Introductory Course. Lectures will be on Friday & Saturday October 25-26. Field days will be on Friday November 1 or Saturday November 2. As of July 17 we had 31 registered for the Friday and 31 for the Saturday field workshops. We already have four audits. Registration will change from early to late on September 1. David Hedrick will be promoting audits. We need to try to reach more teachers, which can be difficult. We might contact the California Science Teachers Association for ideas. The fees will be as they were in 2023: \$300 (\$200 for students) for early registration, \$400 (\$250 for students) for late registration. The audit-only option for the lectures is \$25. There are early and late fees and regular and student fees. Organization members are entitled to register two people at the student rate. We now offer the complete course only with audits welcome for the lectures but with no certification and the caveat that if they want a full course in future years, they will need to retake the lectures. People complete the lectures online, take a brief, simple online quiz, and then travel to Ridgecrest for the field exercises (or workshop if you prefer that term for the field training). Lectures are via Zoom (managed by David Hedrick) on a Friday afternoon and Saturday morning. The field days in Ridgecrest are given twice to accommodate up to 100 people each day (managed by Pete Woodman). Online evaluations are collected prior to sending out letters certifying completion of the complete course. David and Maggie are collecting items to review for next year and for our "How to" handbook. Please refer all questions about the course to intro-course@deserttortoise.org.

2. Advanced Training Courses Committee's Report: Mary Lane Poe reported that she has been working with David Hedrick to meet with Cristina Jones to plan the event. **David Hedrick will soon meet with Cristina Jones to discuss an advanced training event and obtain the latest protocols.** The goal is to conduct the training during the last two weeks in March, 2025. **Mary Lane Poe and Joe Probst will work on a budget for the 2025 Advanced Training Course.**

O. Education and Outreach Committee's Report: At the May 2024 Board meeting, we voted to provide funding for David Hedrick to attend the Turtle Survival Alliance conference. **Maggie Fusari made a motion, seconded by Judy Hohman, and unanimously approved to provide up to \$1,500 for an assistant to accompany Joe Probst to the Turtle Survival Alliance conference to help him operate our swag table.** With regards to the Southwest Partners in Amphibian and Reptile Conservation conference at the Arizona Sonora Desert Museum 15-17 August 2024, Mari Quillman shared that the group wanted to know if the Council wants to be a sponsor. **Motion made by Maggie Fusari, seconded by Michael Tuma, and unanimously approved to provide \$500 to sponsor the Southwest Partners in Amphibian and Reptile Conservation conference with funds to be taken from Miscellaneous Donations.** Since we are not clear who is on the Education and Outreach Committee, discussion revealed that the Corresponding Secretary is responsible to list committee chairs and members. **Mari Quillman will check to see if she already has a list of all committee members and will work with Becky Jones to complete committee member and chair lists.** It is standard practice for the Council to donate auction items to the Turtle Survival Alliance. **Joe Probst and David Hedrick will coordinate providing swag items to Southwest Partners in Amphibian and Reptile Conservation for their conference auctions.**

P. Annual Symposium Program Committee's Report: Kristin Berry will have a call for papers, posters, and other presentations available in August, with a due date of November 1st to receive abstracts. As given above, we will start having Symposium coordination meetings at two-week intervals on Tuesday nights at 7 pm beginning on August 6. The recent visit to Palace Station went very well. We will have an entire floor dedicated to the Symposium, so we will not be sharing the space with other groups. Their meeting hall facilities will accommodate 350 attendees. **After a coordination meeting on August 6, David Hedrick will send out an eblast initiating registration and announcing availability of motel rooms, which can be booked now.** • **Michael Tuma will work with Sky Esser to update the availability of the Morafka Award on the website.** • **Kristin Berry will contact Rachel Woodard who is overseeing a panel on the "Women in Tortoise Conservation" (title TBD).** • **Kristin Berry, Maggie Fusari, and Judy Hohman will work with Rachel Woodard to discuss the panel.** Kristin Berry is looking for a photographic image of Jim St. Amant. **Ed LaRue will send a list of past Council Board members to Kristin Berry so she can provide the contact information she has available.**

Q. Fundraising Committee Report: There was nothing to report in Ken MacDonald's absence.

R. Awards Committee's Reports: **Kristin Berry will be working with Bruce Palmer to develop guidelines for governing awardee nominations, which among other things will prohibit nominating one's self.**

S. Operations Manager Report: David Hedrick's report is attached in the footnote³. He and Michael Tuma have finalized the 50th anniversary logo and he plans to produce poker chips depicting our logo and the iconic Las Vegas welcome sign, which could be transferred to t-shirts. We will begin having our Symposium coordination meetings in August. He, Mari Quillman, and Joe Probst recently visited Palace Station for a walk-through. While there, David was able to meet with several breweries, particularly in Henderson, NV. He also met with the Tortoise Group who have willing volunteers to help conduct Drink Beer, Save Tortoises (DBST) events. He is planning

³ <https://www.dropbox.com/scl/fi/isapbh0nsrbv2rstl47o6/Ops-Mgr-Report-for-July-20.docx?rlkey=cyueamxliug9kw6uoymkbuc1e&dl=0>

to have as many as four DBST events in Las Vegas per year. While in Tucson and Phoenix next week for the Turtle Survival Alliance conference, he will promote DBST events and meet with breweries. He is also working with Bob Parker in Ridgecrest to have a DBST event during the field portion of the Introductory Course. **David Hedrick will provide contact information to Pete Woodman so he can contact a brewery in Ridgecrest.** • **David Hedrick will be contacting past and potential sponsors in September, and soliciting auction items.** • **David Hedrick and Ken MacDonald will soon be meeting with grant funding specialists.** For the Introductory Course, there are 71 students currently signed up for the field days. We now have more than 4,000 followers on Facebook, more than 2,300 on Instagram, 500 on Twitter, 750 on Linked In, and 520 on Thread.

T. Large Scale Translocation Site (LSTS) update: Pete Woodman is tracking 13 tortoises at the LSTS. There was a substantial flooding even in August 2023 where at least two tortoises were washed off the site. Cory Mitchell is the USFWS coordinator who has assumed the responsibilities of Linda Allison, which includes management of tortoises at the LSTS.

U. Calendar: Judy Hohman continues to update this calendar as needed, even adding a few new items as the result of today's discussions.

NEW BUSINESS

V. Development of an Employee Manual: **Kristin Berry has asked a member of the DTPC for a copy of their handbook and will follow-up with a new request.**

W. Operations Manager Review: David Hedrick completed his first year as our Operations Manager on 7/1/2024. Board members will soon be given an opportunity to provide feedback evaluating how well David Hedrick has performed his duties and to make suggestions for improvements, if any.

X. Position Handbooks and Committee Handbooks: Maggie Fusari has been working on a handbook for the Introductory Course and Judy Hohman on the functions of the Ecosystems Advisory Committee. **Mari Quillman will instigate handbook production discussions at the September 2024 Board meeting.**

Adjourn: The meeting was adjourned by Chairperson, Mari Quillman, at 12:15 (PDT).

These draft minutes were recorded and respectfully submitted for approval to all Board members on 7/20/2024 by Ed LaRue, Recording Secretary.



Edward L. LaRue, Jr.
Desert Tortoise Council, Recording Secretary

Ecosystems Advisory Committee Report DTC Board Meeting of 20 July 2024

Note: The table attached to this report on the last page follows the **bold red** numbered outline given below.

1. ADOT's Tentative Five Year Construction Program (Arizona)

On ~~3/2/2024~~, we receive a notice directly from ADOT for this project, which is due on ~~5/24/2024~~. On ~~5/29/2024~~, Maggie Fusari tells me that there was no need to write a letter for this project, so the opportunity is not "missed."

2. GridLiance: Draft EIS and RMPA (Nevada)

On **4/18/2024**, we received an email from BLM announcing the GridLiance: Draft Environmental Impact Statement and Resource Management Plan Amendment with and due date of **7/18/2024**. Judy Hohman attended a virtual meeting on **5/7/2024**. With nine endorsements, the final letter is submitted on **7/18/2024**.

3. Jove Solar Project Draft EIS (La Paz, AZ)

On **4/23/2024**, we received a hard copy notice from the BLM on this date for the Jove Solar Project Draft Environmental Impact Statement with a due date of **6/3/2024**. Ed LaRue and Judy Hohman attend the virtual public meeting on **5/14/2024**. The draft letter is circulated on **5/31/2024** and submitted to the BLM on **6/3/2024** with 9 endorsements.

4. Northern Corridor (UT)

On **5/9/2024**, the BLM sends the Council a notice and link to the draft supplemental environmental impact statement (DEIS), with a deadline for comments on **7/9/2024**. The draft letter is distributed on **7/5/2024** and submitted to the BLM on **7/9/2024** with nine endorsements.

5. Sonoran Desert National Monument Grazing Amendment (Arizona)

On **5/10/2024**, we receive a notice from the BLM that the comment period is open and will close on **6/10/2024**. The draft letter is circulated on **6/8/2024** and submitted to the BLM on **6/10/2024** with nine endorsements.

6. Easley Solar Project (Riverside Co, CA)

On **5/24/2024**, we receive a notice from Riverside County announcing availability of a Partially Recirculated Draft Environmental Impact Report, with comments due on **7/8/2024**. The draft letter is circulated for review on **7/2/2024** and submitted to Riverside County Planning Department on **7/7/2024** with seven endorsements.

7. Lenwood Avenue EV Charging and Logistical Facility (San Bernardino Co, CA)

On **5/15/2024**, San Bernardino County provides a link for this project in southern Barstow, with comments due on **6/14/2024**. The draft letter is circulated on **6/10/2024** and submitted to the County on **6/11/2024** with five endorsements.

8. Cosign letter opposing Cadiz Pipeline (San Bernardino Co, CA)

On **6/10/2024**, Luke Basulto, representing National Parks and Conservation Association, provided the Council with a letter, asking us to cosign. The letter is distributed to the Board on **6/10/2024**. With nine quick endorsements, Ed LaRue lets Luke know on **6/11/2024** that the Council is a willing cosigner.

9. Support for Chuckwalla National Monument (Riverside, Imperial Cos)

On **6/18/2024**, we receive a form letter from Senator Padilla's office asking the Council to support his bill that would establish the Chuckwalla National Monument. The draft letter is submitted to the Board on **6/18/2024** and submitted to several entities on **6/20/2024** with 11 endorsements.

10. Letter opposing Gold Discovery Group Exemption (Kern Co, CA)

On **6/18/2024**, the Council received a letter from Lisa Belenky of Center for Biological Diversity, asking us to cosign a letter opposing the exemption for the Gold Discovery Group. The letter is distributed immediately, and Belenky is informed on **6/18/2024** that the Council is a willing cosigner, with six endorsements.

11. HCP for Desert Breeze Solar Project (San Bernardino Co, CA)

On **6/12/2024**, a third party provided a link to a draft environmental Assessment for an HCP for the Desert Breeze project, on which we have already commented. The due date for this comment letter is **7/10/2024**. The draft letter is circulated to Board members and independent reviewers on **7/9/2024** and submitted on **7/10/2024** with nine endorsements.

12. Middle Mile Broadband Network (MMBN) Project 09-39510 (Kern Co, CA)

On **6/20/2024**, the BLM contacted us with a link to this project, which has a due date of **7/18/2024**. The draft letter is distributed on **7/14/2024** and submitted on **7/18/2024** with six endorsements and one recusal.

13. Grants and Cooperative Agreements Program Regulations (National)

On **6/21/2024**, Jeff Aardahl provides information for this project, which has a due date of **8/5/2024**. After being edited by Ed LaRue, the draft letter is circulated on **7/19/2024** and Aardahl is informed that we officially endorsed the letter when @@ Board endorsements were received by **7/@/2024**.

https://mail.aol.com/d/folders/1/messages/APx2Iz0_Nb4AZnWnYQ3TEML_snk

14. Translocation of tortoises out of Western Training Area of Ft Irwin – with Defenders (San Bernardino)

On **6/27/2024**, Lisa Belenky of Center for Biological Diversity sends the notice to us, with a deadline of **7/27/2024**. On **7/2/2024**, Ed LaRue receives a draft letter from Jeff Aardahl asking us to cosign his letter, which he immediately reviewed. The letter subsequently received from Aardahl is circulated to the Board on **7/5/2024**, and Ed lets Aardahl know we are cosigners on **7/9/2024** with nine endorsements.

<https://irwinwtadttranslocationea.com/>

15. Socorro Solar (La Paz Co, AZ)

On **6/28/2024**, the BLM's consultant sends a link inviting scoping comments on this project, with a due date of **8/7/2024**.

<https://eplanning.blm.gov/eplanning-ui/project/2033114/510>

16. Restore habitat and connectivity in Ivanpah Valley, Nevada

On **7/10/2024**, we receive links from several third parties and the BLM. Later that day, Jeff Aardahl of Defenders of Wildlife asks us to coauthor their letter, which we agree to do. His draft letter is circulated to the Board on **7/18/2024**. Ed lets him know on **7/@/2024** that with @@ endorsements, the Council is a willing coauthor.

<https://eplanning.blm.gov/eplanning-ui/project/2033071/510>

17. Purple Sage Solar Tortoise fence (Pahrump, NV)

On **7/10/2024**, Kevin Emmerich of Basin and Range Watch alerts us to a backdoor request of the BLM to allow a solar site to be fenced under at Cat-X for a solar site that has not yet been approved or even analyzed in a NEPA document. No deadline; complete letter asap. The letter is circulated on **7/11/2024** and submitted to BLM on **7/12/2024** with 11 endorsements and 1 recusal.

18. Muddy Mountains Travel Management Plan (NV)

On **7/17/2024**, we receive a link from Jeff Aardahl (and not the BLM) announcing this travel management plan, which has a due date of **8/16/2024**.

<https://eplanning.blm.gov/eplanning-ui/project/2033229/510>

**Ecosystems Advisory Committee
Summary Table from 5/18/2024 to 7/20/2024**

Current date for this latest table revision is: 7/20/2024

Dates are for 2024						Board Member Responses															
						Codes: Y = Vote of Yes; N = Vote of No; PI = Provided input; Blank = No Response; R = Recused; A = Authors/Lead Board member; NA – Replied they were not able to respond by indicated date															
#	Title	Rec'd	Dist	Due	Sent	BJ	BP	EL	HK	JH	JP	LB	KB	KM	MF	MH	MP	MQ	MT	PW	RA
1	ADOT 5-year plan	3/1	N/A	5/24	N/A	Maggie Fusari followed this project and concluded there was no need to comment															
2	Gridlance	4/18	7/16	7/18	7/18	Y/PI 7/16		Y/PI 7/18		Y/A 7/15	Y 7/16					Y 7/18	Y 7/17	Y 7/16	Y 7/18	Y 7/16	Y/PI 7/16
3	Jove Solar Project	4/23	5/31	6/3	6/3	Y 6/1		Y/A 5/30		Y/PI 5/31	Y 6/3			Y 6/1	Y 6/1		Y 6/3		Y 6/1	Y 6/3	Y 6/1
4	Northern Corridor	5/9	7/5	7/9	7/9	Y 7/6		Y/PI 7/9		Y/A 7/4	Y 7/9			Y 7/8	Y 7/8		Y 7/8		Y 7/18	Y 7/8	Y 7/8
5	Sonoran Grazing	5/10	6/8	6/10	6/10	Y 6/9		Y/PI 6/8		Y/A 6/7	Y 6/9			Y 6/9	Y 6/9		Y 6/9		Y/PI 6/10		Y 6/10
6	Easley Solar	5/24	7/2	7/8	7/7	Y 7/2		Y/A 7/2		Y/PI 7/5					Y 7/2		R 7/2		Y/PI 7/3	Y 7/2	
7	Lenwood Ave	5/15	6/10	6/14	6/11	Y 6/11		Y/A 6/6		Y/PI 6/7					Y 6/11		Y 6/12	Y 6/10	Y 6/12		Y 6/13
8	Oppose Cadiz Pipeline	6/10	6/10	6/13	6/11	Y 6/10		Y/PI 6/10		Y 6/10		Y/A 6/10			Y/PI 6/10	Y 6/10		Y 6/10	Y 6/10		Y 6/10
9	Chuckwalla Nat'l Mon	6/18	6/18	6/20	6/20	Y 6/19		Y/A 6/18		Y 6/18	Y 6/19			Y 6/18	Y 6/18	Y 6/18	Y 6/20	Y 6/18	Y 6/18		Y 6/18
10	Gold Discovery Group	6/18	6/18	6/18	6/18	Y 6/18		Y 6/18		Y 6/18	Y 6/18				Y 6/18				Y 6/18		Y 6/19
11	Desert Breeze HCP	6/12	7/9	7/10	7/10	Y 7/10		Y/PI 7/9		Y/A 7/9	Y 7/9						Y/PI 7/9	Y 7/9	Y 7/9	Y 7/9	Y 7/9
12	Middle Mile	6/20	7/14	7/18	7/18	Y 7/16		Y/A 7/14		Y/PI 7/14	Y 7/15			R 7/16	Y 7/15				Y 7/18		
13	Grants Program	6/21	7/19	8/5		Y 7/19		Y/PI 7/19			Y 7/19			R 7/19	Y 7/20				Y 7/19	Y 7/20	
14	Ft Irwin - Defenders	6/27	7/5	7/27	7/9	Y/PI 7/6		Y/PI 7/5		Y/PI 7/6	Y 7/9			Y 7/9	Y 7/5				Y 7/5	Y 7/8	Y 7/8
15	Socorro Solar	6/28		8/7																	
16	Ivanpah connectivity	7/10	7/18	8/10				Y/PI 7/18													
17	Purple Sage Solar	7/10		ASAP	7/12	Y 7/12		Y/A 7/11		Y/PI 7/11			Y 7/11	R 7/12	Y 7/11	Y 7/11	Y 7/11	Y 7/11	Y 7/12	Y 7/11	Y 7/11
18	Muddy Mtns TMP	7/17		8/16																	

BJ = Becky Jones, **BP** = Bruce Palmer, **EL** = Ed LaRue, ~~**HK** = Halle Kohn Levine~~, **JH** = Judy Hohman, **JP** = Joe Probst, **KB** = Kristin Berry, **KM** = Ken MacDonald, **LB** = Luke Basulto, **MH** = Max Havelka, **MF** = Maggie Fusari, **MP** = Mary Lane Poe, **MQ** = Mari Quillman, **MT** = Michael Tuma, **PW** = Pete Woodman, **RA** = Rick Applegate